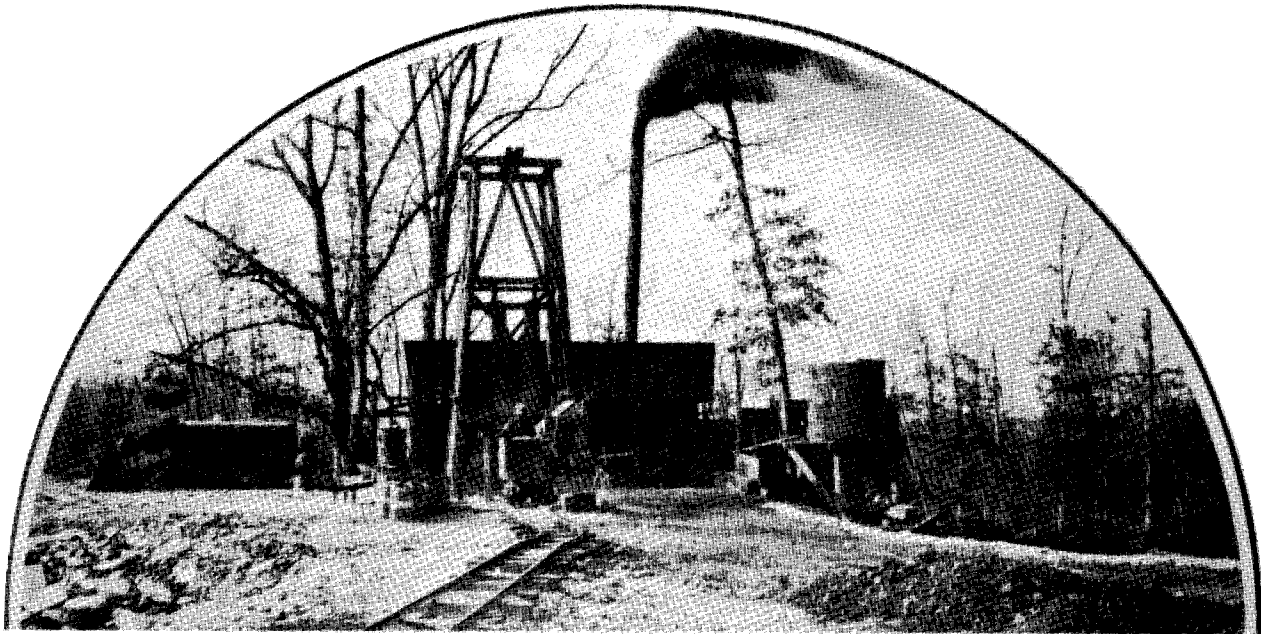


VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 45



## VIRGINIA GOLD-RESOURCE DATA

Palmer C. Sweet  
and David Trimble



COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
DIVISION OF MINERAL RESOURCES

Robert C. Milici, Commissioner of Mineral Resources and State Geologist

CHARLOTTESVILLE, VIRGINIA

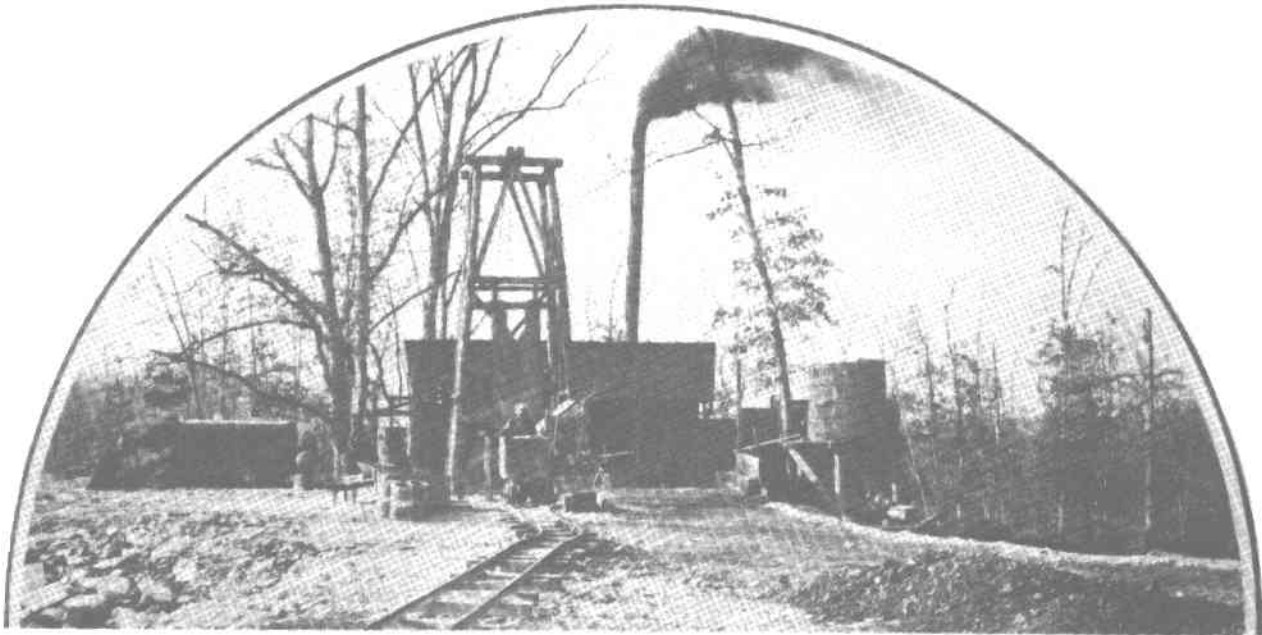
1983

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1983

FRONT COVER: Surface plant (1934) showing boiler, compressor, headframe, and dump at the old Melville mine near Wilderness, Orange County. (Photograph from "Gold Seekers Turn Again to Virginia" by C. H. Vivian, Compressed Air Magazine, volume 39, 1934).



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CHARLOTTESVILLE, VIRGINIA

1983

**DEPARTMENT OF CONSERVATION  
AND ECONOMIC DEVELOPMENT**

Richmond, Virginia

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**JERALD F. MOORE, Deputy Director**

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**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF PURCHASES AND SUPPLY  
RICHMOND  
1983**

Portions of this publication may be quoted if credit is given to the Virginia Division of Mineral Resources. It is recommended that reference to this report be made in the following form: Sweet, Palmer C. and Trimble, David, 1983, Virginia gold-resource data: Virginia Division of Mineral Resources Publication 45, 196 p.

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# VIRGINIA GOLD-RESOURCE DATA

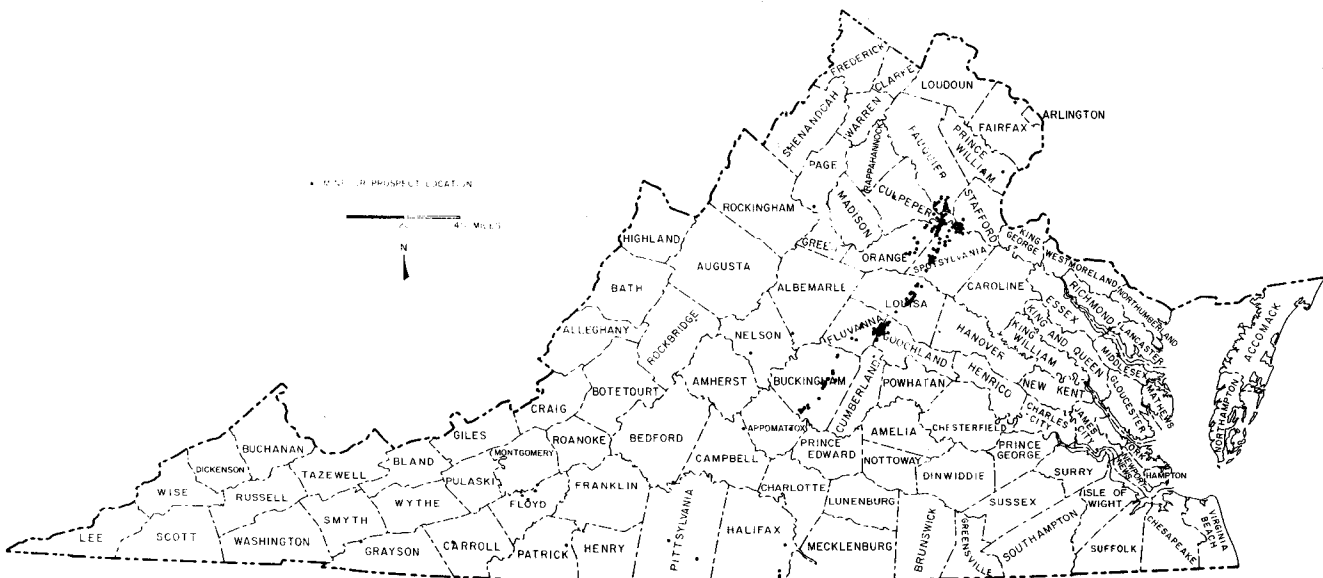
Palmer C. Sweet and David Trimble

## INTRODUCTION

There is a continual need for detailed, descriptive information on mineral resources by individuals, governmental agencies, and private companies. The CRIB (Computerized Resources Information Bank) system, implemented by the U. S. Geological Survey in 1972, provides a method of organizing descriptive information on resources to enable the user to retrieve summarized information rapidly.

Since the summer of 1979, the Virginia Division of Mineral Resources has prepared more than one thousand records (new and updates) of mineral resources for the CRIB system. Although several hundred records had been prepared on mineral resource entries in Virginia prior to this time, many of the entries were incomplete and in need of updating. The Division has made an effort to compile data for all of the nonferrous metallic resources in the State; data on iron and manganese are being compiled as good locations are being established from continuing field work. Compilation of data for the CRIB records has been undertaken over the last three years by David Trimble, Robert Meintzer, and Harvey Beaulieu.

This report contains copies of computer printouts of 226 old gold mines and prospects in Virginia. All of the locations are field-checked and, along with a literature search, have resulted in a complete compilation of descriptive information on each entry. Entries into the CRIB system require a location within one minute latitude and longitude; data on other mines and prospects where location is not this precise is available from the Division of Mineral Resources. Some of these old mines are located on the county location maps. Also, several old mines and prospects discovered since preparation of these records are not included. Gold mines and prospects shown on a state map (below), are listed alphabetically by county. Summary of gold production in Virginia is also presented on the following table.



2 Table. Gold production in Virginia <sup>1</sup>

Year	Troy Ounces	Value	Year	Troy Ounces	Value
1804-1828	121 (est)	\$ 2,500 (est.)	1858	913	\$18,878
1829	121	2,500	1859	782	16,156
1830	1,161	24,000	1860	1,045	21,607
1831	1,258	26,000	1861	536	11,069
1832	1,645	34,000	1862	15	316
1833	5,031	104,000	1863	3	69
1834	3,000	62,000	1864	0	0
1835	2,922	60,400	1865	44	911
1836	3,000	62,000	1866	503	10,398
1837	2,521	52,100	1867	494	10,206
1838	2,661	55,000	1868	542	11,205
1839	2,787	57,600	1869	601	12,426
1840	1,887	38,995	1870	567	11,716
1841	1,245	25,736	1871	333	6,891
1842	2,040	42,163	1872	318	6,562
1843	2,329	48,148	1873	117	2,424
1844	1,964	40,595	1874	105	2,164
1845	4,199	86,783	1875	72	1,493
1846	2,687	55,538	1876	161	3,323
1847	3,277	67,736	1877	133	2,751
1848	2,800	57,886	1878	357	7,374
1849	6,259	129,382	1879	708	14,627
1850	3,193	65,991	1880	556	11,500
1851	3,341	69,052	1881	484	10,000
1852	4,046	83,626	1882	726	15,000
1853	2,525	52,200	1883	339	7,000
1854	1,138	23,514	1884	121	2,500
1855	1,513	31,265	1885	169	3,500
1856	1,380	28,535	1886	194	4,000
1857	195	4,036	1887	706	14,600
1888	363	7,500	1919	0	0
1889	199	4,113	1920	0	0
1890	314	6,496	1921	37	763
1891	324	6,699	1922	34	706
1892	242	5,002	1923	0	0
1893	299	6,190	1924	6	116
1894	370	7,643	1925	3	68
1895	305	6,303	1926	11	220
1896	215	4,435	1927	0	0
1897	207	4,280	1928	0	0
1898	246	5,075	1929	0	0
1899	374	7,729	1930	0	0
1900	172	3,558	1931	0	0
1901	313	6,465	1932	31	637
1902	208	4,295	1933	32	824
1903	216	4,465	1934	667	23,315
1904	186	3,853	1935	652.56	22,840
1905	241	4,982	1936	908.97	31,814
1906	718	14,832	1937	1,396.08	48,863
1907	401	8,288	1938	2,943	103,005
1908	119	2,451	1939	364	12,740
1909	181	3,750	1940	458	16,030
1910	43	888	1941	240	8,400
1911	148	3,064	1942	109	3,815
1912	11	218	1943	50	1,750
1913	29	604	1944	132	4,620
1914	21	429	1945	12	420
1915	26	534	1946	12	420
1916	43	885	1947	2	70
1917	65	1,343	1948-1982	No reported production.	
1918	19	400			

Total gold production of 98,609 troy ounces is in contrast to the figure of 168,000 troy ounces reported on p. 15 of U. S. Bureau of Mines Information Circular 8331 (1967).

<sup>1</sup> Production of 1804-1828 from the U. S. Mint Records, Hammett, 1966, p. 43; production figures of 1829-1879 from U. S. Bureau of Mines, Park, 1936, p. 8; production figures of 1880-1934 from U. S. Bureau of Mines and U. S. Geological Survey, Park, 1936, p. 9; production figures of 1935-1945 from annual editions of the U. S. Bureau of Mines *Minerals Yearbook*; production figures of 1946 and 1947 from annual Reports of the Director of the Mint.



**ALBEMARLE COUNTY**

**IVY CREEK PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W031170  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 234  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME ..... TRIMB  
 LE, DAVID C. (SWEET, P. C.)  
 DATE ..... 80  
 09

NAME AND LOCATION  
 DEPOSIT NAME ..... IVY CREEK PROSPECT  
 COUNTRY CODE ..... US  
 STATE CODE ..... VA  
 COUNTY ..... ALBEMARLE-NELSON (?)  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SCHUYLER, VA.  
 LATITUDE LONGITUDE  
 37-48-21N 078-41-43W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4186560. 702905. +17

ALTITUDE.. 540-580 FT (165-177M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 KM (1 MI) NORTH OF SCHUYLER.

LOCATION COMMENTS: 1.2 KM (0.75 MI) SOUTH ON STATE ROAD 800 FROM ITS INTERSECTION WITH STATE ROAD 602; TURN NORTHWEST ON COUNTY ROAD 808 TO END OF ROAD, ABOUT 0.4 MI (0.64 KM); FOLLOW DIRT ROAD FROM THE END OF 808 UP TO THE CREST OF A RIDGE, ABOUT 0.25 MI (0.4 KM), PROSPECT IS TO THE WEST OF THE ROAD, TRENDING ALONG THE CREST OF THE RIDGE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD ?

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY ..... PRE 1915  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... VANCE WILKENS

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL ? - DUG PITS, TRENCHES, SHAFT  
 2) 1980 RECON VA. DIV. MIN. RES. - INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 AT LEAST 20 PITS, TRENCHES, AND SHAFT (S) WERE DUG.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN ?  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ABUNDANT QUARTZ FLOAT PRESENT, NO MINERALIZATION SEEN.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 WORKINGS CONSIST OF PITS, TRENCHES, AND ONE SHAFT. PITS VARIED IN SIZE UP TO 6.1 M (20 FT) SQUARE AND DEEP. TRENCHES VARIED IN LENGTH UP TO ABOUT 91 M (300 FT), ABOUT 6.1 M (20 FT) DEEP, AND 6.1 M (20 FT) WIDE. ONE SHAFT WAS SEEN, NOW PARTIALLY FILLED WITH WATER AND DEBRIS, BUT IT WAS AT LEAST 25 FT (7.6 M) DEEP AND 4.6 M (15 FT) SQUARE.

PRODUCTION  
 UNDETERMINED

PRODUCTION COMMENTS... PRODUCTION IS UNCERTAIN, BUT WAS PROBABLY SMALL IF IT OCCURRED AT ALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... PREC  
 PERTINENT MINERALOGY ..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS... VEINS ?

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: LYNCHBURG FORMATION  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 FAULTING ?

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO BEDROCK WAS SEEN IN THE PROSPECT AREA, ONLY QUARTZ FLOAT.

GENERAL REFERENCES

- 1) ECONOMIC GEOLOGY FILE-VIRGINIA DIVISION OF MINERAL RESOURCES.
- 2) BEASELY, CALDWELL, 1981. VIRGINIA DIVISION OF MINERAL RESOURCES, PERSONAL COMMUNICATION.

**APPOMATTOX COUNTY**

**APPOMATTOX RIVER PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W031169  
 RECORD TYPE ..... X1M  
 INFORMATION SOURCE... 23  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME ..... TRIMB  
 LE, DAVID C. (SWEET, PALMER C.)  
 AFFILIATION ..... VDMR  
 DATE ..... 81  
 03

NAME AND LOCATION  
 DEPOSIT NAME ..... APPOMATTOX RIVER PROSPECT

COUNTRY CODE ..... US  
 STATE CODE ..... VA  
 COUNTY ..... APPOMATTOX  
 DRAINAGE AREA ..... 02 APPOMATTOX RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PAMPLIN, VA. (1974)  
 LATITUDE LONGITUDE  
 37-21-04N 078-40-39W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4136160 705720 +17

ALTITUDE.. 160 M  
 ACCURACY OF LOCATION  
 ACCURATE  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3.5 KM (2.2 MI) NORTHWEST OF HIXBURG.

LOCATION COMMENTS: 0.7 KM (0.45 MI) NORTH ON STATE ROAD 618 FROM ITS INTERSECTION WITH STATE ROAD 617, TO A FIELD ROAD ON THE NORTHEAST SIDE OF 618. THE FIRST OPENING IS ABOUT 240 M (790 FT) SOUTHWEST OF 618, ON THE NORTHWEST SIDE OF THE DRAINAGE VALLEY. OTHER OPENINGS EXTEND ON STRIKE TO THE SOUTHWEST.

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU PYR

MAIN COMMOD. .... AU  
 MINOR COMMOD. .... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD ?, PYRITE

COMMODITY COMMENTS:  
 PYRITE IS ABUNDANT IN THE ROCKS AT SEVERAL OF THE PITS.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY ..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... H.G. LAWSON

EXPLOR. AND DEVELOP. COMMENTS:  
 THE PROSPECT WAS WORKED BEFORE THE CIVIL WAR, BUT VERY LITTLE GOLD WAS RECOVERED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN (LODE)  
 FORM/SHAPE OF DEPOSIT: LENSE, POD  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 STRIKE OF OREBODY ..... APPROXIMATELY N 35 DEG E  
 DIP OF OREBODY ..... NEARLY VERTICAL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 QUARTZ, SCHIST AND GNEISS ARE PRESENT IN THE DUMPS AT EACH PIT.

DESCRIPTION OF WORKINGS

SURFACE  
 OVERALL LENGTH OF MINED AREA ..... 0.64 KM  
 COMMENTS(DESCRIP. OF WORKINGS):  
 PROSPECT CONSISTS OF ABOUT 15 PITS, THE LARGEST OF WHICH IS 3.7 M (12 FT) IN DIAMETER AND 2.4 M (8 FT) DEEP.

PRODUCTION  
UNDETERMINED

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST, GNEISS

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWANSIC FORMATION  
AGE: EPAL

GENERAL COMMENTS  
NOT MUCH IS KNOWN OF THE HISTORY OF THIS PROSPECT.

GENERAL REFERENCES  
1) ECONOMIC GEOLOGY FILE - VIRGINIA DIVISION OF MINERAL RESOURCES

### BEDFORD COUNTY

#### CABIN HILL PROSPECT (See Holliday Prospect)

#### HOLLIDAY PROSPECT

RECORD IDENTIFICATION  
RECORD NO..... W031174  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 235  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... TRIMB  
LE, DAVID C. (SWEET, P. C.)  
DATE..... 81  
01

NAME AND LOCATION  
DEPOSIT NAME..... HOLLIDAY PROSPECT  
SYNONYM NAME..... CABIN HILL PROSPECT

COUNTRY CODE..... US  
STATE CODE..... VA

COUNTY..... BEDFORD  
DRAINAGE AREA..... 03 ROANOKE RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 LEESVILLE, VA

LATITUDE LONGITUDE  
37-05-18N 079-26-37W

UTM NORTHING UTM EASTING UTM ZONE NO  
4105600. 638340. +17

ALTITUDE.. 718 FT (219 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 5.9 KM (3.7 MI) SOUTHWEST OF LEESVILLE.

LOCATION COMMENTS: UTM COORDINATES ARE FOR A POINT REFERENCE ON THE PROSPECTED STREAM. PROSPECT WAS A PLACER OPERATION. THE STREAM CROSSES STATE ROAD 733 ABOUT 0.6 KM (0.4 MI) SOUTH OF THE INTERSECTION OF STATE ROADS 733 AND 630. PROSPECT IS ALONG STREAM SOUTH OF THE ROAD.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

COMMODITY COMMENTS:  
SOME GOLD WAS RECOVERED, BUT IT WAS ONLY A SMALL AMOUNT.

ANALYTICAL DATA  
SOURCE REFERENCE.. VIRGINIA DIVISION OF MINERAL RESOURCES FILE

ANALYTICAL DATA(GENERAL)  
AVERAGE OF AT LEAST 25 SAMPLES TAKEN FROM QUARTZ FLOAT, SAPROLITE AND FLOOD PLAIN SEDIMENTS, AND COUNTRY ROCK YIELDED 1.13 OZ/TON AU.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4  
YEAR OF DISCOVERY..... 19367  
BY WHOM..... J.W. HOLLIDAY  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION.. 19367  
PRESENT/LAST OWNER..... SIDNEY PARKER  
PRESENT/LAST OPERATOR.... J.W. HOLLIDAY

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 19367 DIREXPL J.W. HOLLIDAY - PROSPECTED STREAM  
2) 1981 RECON VA. DIV. MIN. RES. - INSPECTED PROPERTY

EXPLOR. AND DEVELOP. COMMENTS:  
J.W. HOLLIDAY AND LOUIS WENER LEASED THE PROPERTY IN 1936. IT IS UNCERTAIN IF J.W. HOLLIDAY HAD PROSPECTED PRIOR TO THIS YEAR. HOLLIDAY MAINLY WORKED THE PLACER DEPOSITS, BUT IT IS REPORTED HE BLASTED AT SEVERAL POINTS ALONG THE BASE OF "CABIN HILL". NOT MUCH GOLD WAS FOUND. A ROCKER BOX WAS USED DURING THE PLACER OPERATIONS.

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
PLACER, VEIN  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
GOLD OCCURRED IN THE STREAM DEPOSITS, SAPROLITE, AND QUARTZ FLOAT DERIVED FROM QUARTZ VEINS. VEINS TREND NE-SW AND THE DIP IS VERTICAL OR NEARLY VERTICAL EITHER NW OR SE. THE QUARTZ VEINS THICKNESSES VARY FROM PAPER THIN TO 4.6M (15 FT), AND CAN BE TRACED ALONG STRIKE FROM 1 TO 18 M (3 TO 60 FT). THE VEINS ARE BRANCHED AND COMPOUNDED. ABUNDANT QUARTZ FLOAT IS FOUND EVERY WHERE.

DESCRIPTION OF WORKINGS  
SURFACE  
COMMENTS(DESCRIP. OF WORKINGS):  
NO WORKINGS FOUND, THOUGH BLASTING ALONG THE HILLSIDE WAS REPORTED.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS.... ONLY A SMALL AMOUNT OF GOLD WAS EVER RECOVERED.

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL-QUAT  
HOST ROCK TYPES..... SCHIST, ALLUVIUM

PERTINENT MINERALOGY..... QUARTZ, ALLUVIUM

IMPORTANT ORE CONTROL/LOCUS.. VEINS, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: CHOPAWANSIC FORMATION  
AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
FAULTS

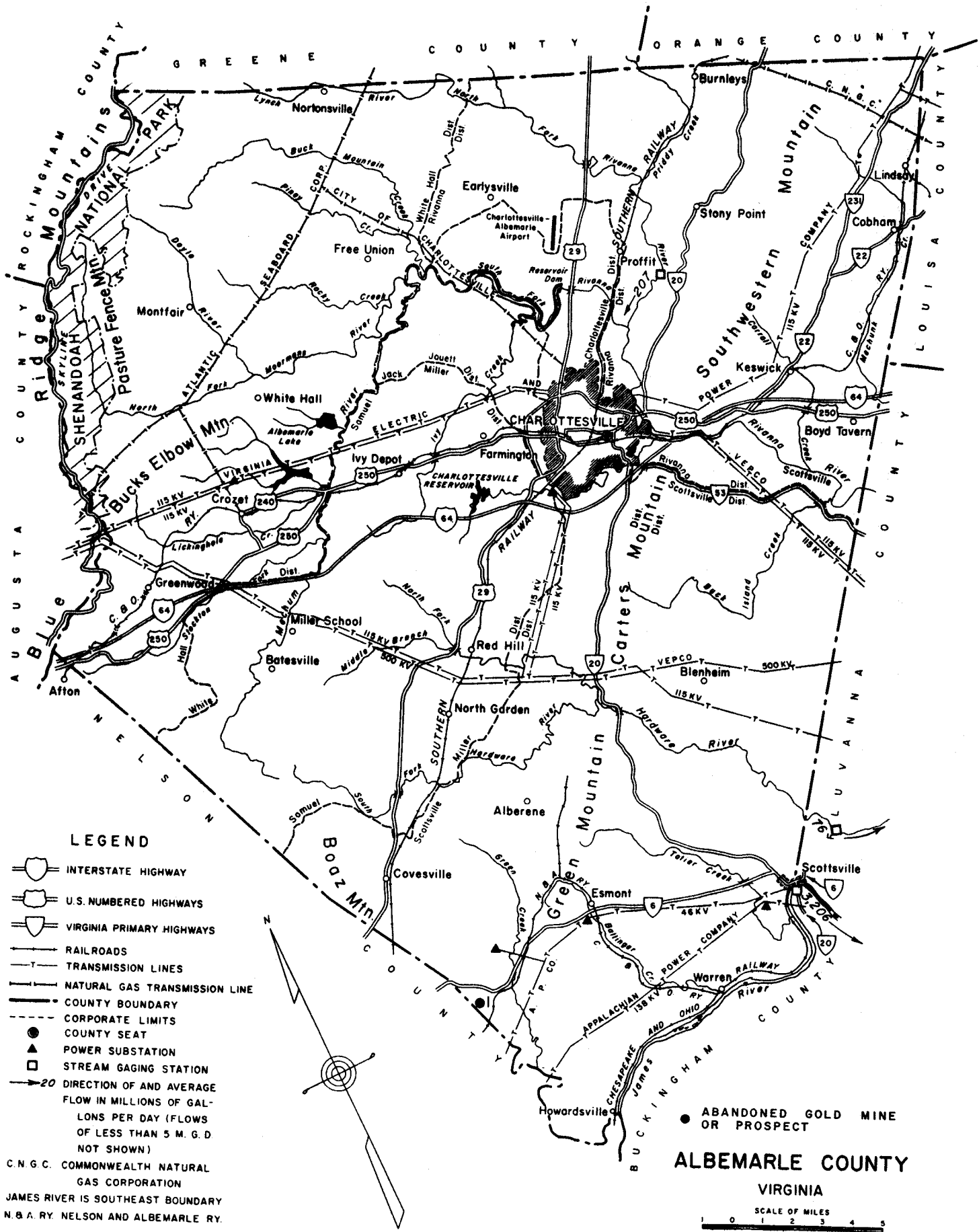
COMMENTS (GEOLOGY AND MINERALOGY):  
MANGANESE IS ALSO PRESENT IN UNKNOWN AMOUNTS ON THIS PROPERTY.

GENERAL REFERENCES  
1) ECONOMIC GEOLOGY FILE-VIRGINIA DIVISION OF MINERAL RESOURCES.  
2) SIDNEY PARKER-PERSONAL COMMUNICATION, 1981

### BUCKINGHAM COUNTY

#### AGEE TRACT (See Turpin Creek Mine)

#### ALLEN MINE (See Greely Mine)



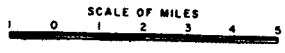
LEGEND

- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS TRANSMISSION LINE
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M. G. D. NOT SHOWN)

C. N. G. C. COMMONWEALTH NATURAL GAS CORPORATION  
 JAMES RIVER IS SOUTHEAST BOUNDARY  
 N. & A. RY. NELSON AND ALBEMARLE RY.

● ABANDONED GOLD MINE OR PROSPECT

**ALBEMARLE COUNTY**  
 VIRGINIA

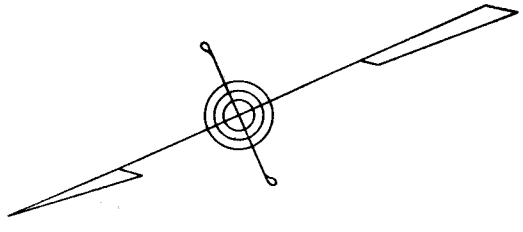


ALBEMARLE COUNTY

1. Ivy Creek

# LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- WEST BOUNDARY IS JAMES RIVER
- ELECTORAL DISTRICT LINE

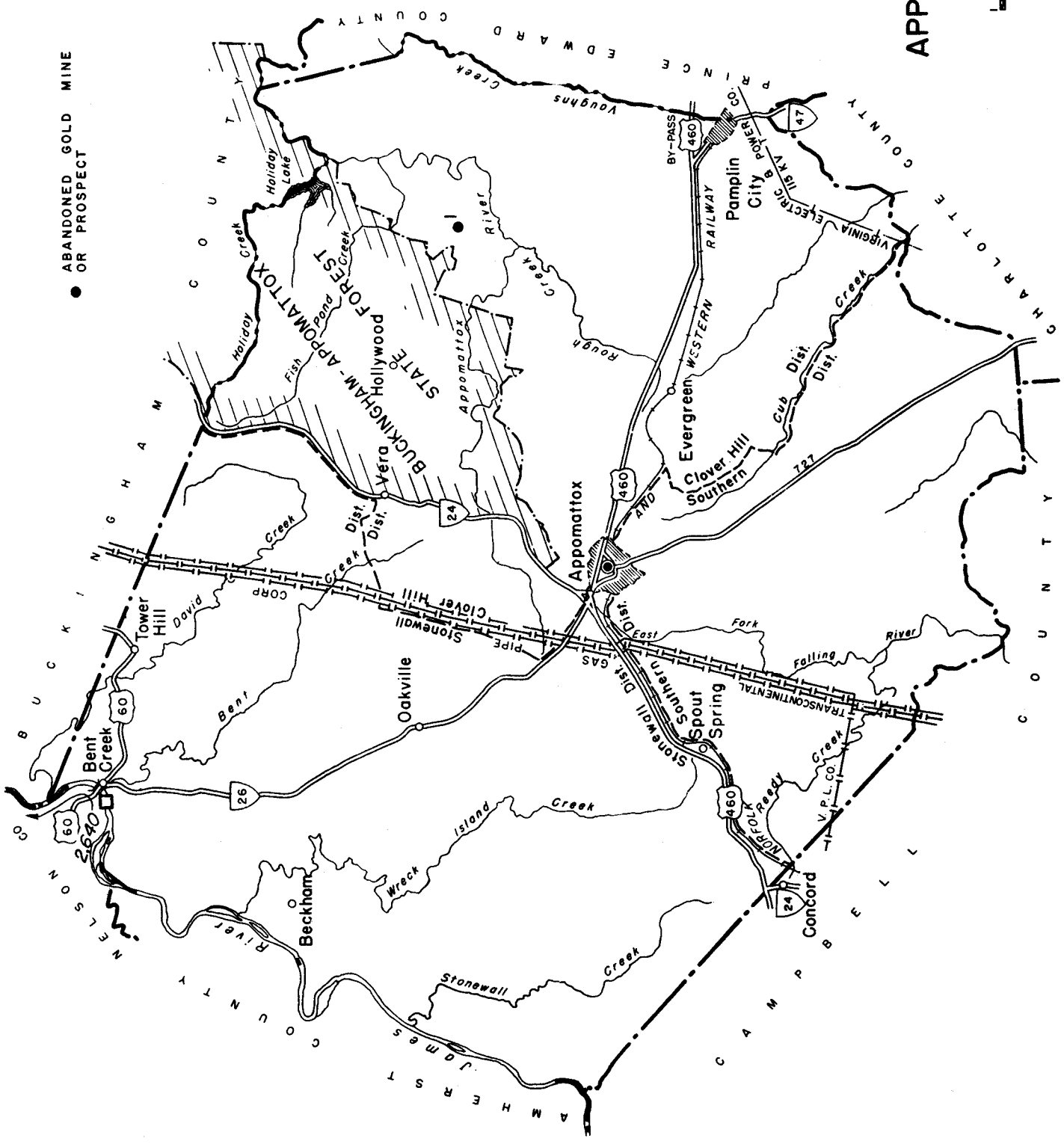


# APPOMATTOX COUNTY

VIRGINIA



1974

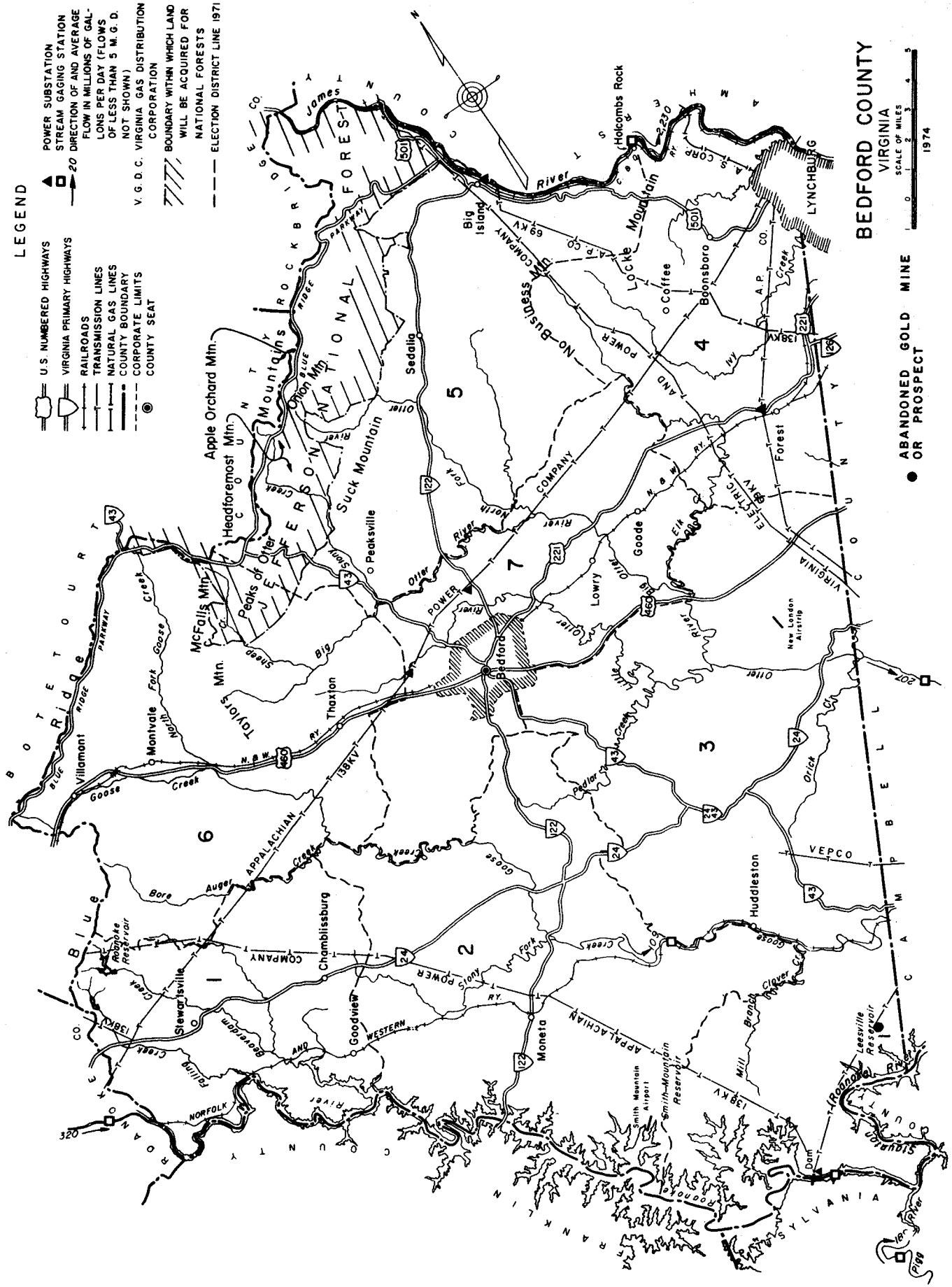


APPOMATTOX COUNTY

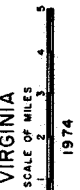
1. Appomattox River

LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- V.G.D.C. VIRGINIA GAS DISTRIBUTION CORPORATION
- BOUNDARY WITHIN WHICH LAND WILL BE ACQUIRED FOR NATIONAL FORESTS
- ELECTION DISTRICT LINE 1971



BEDFORD COUNTY VIRGINIA

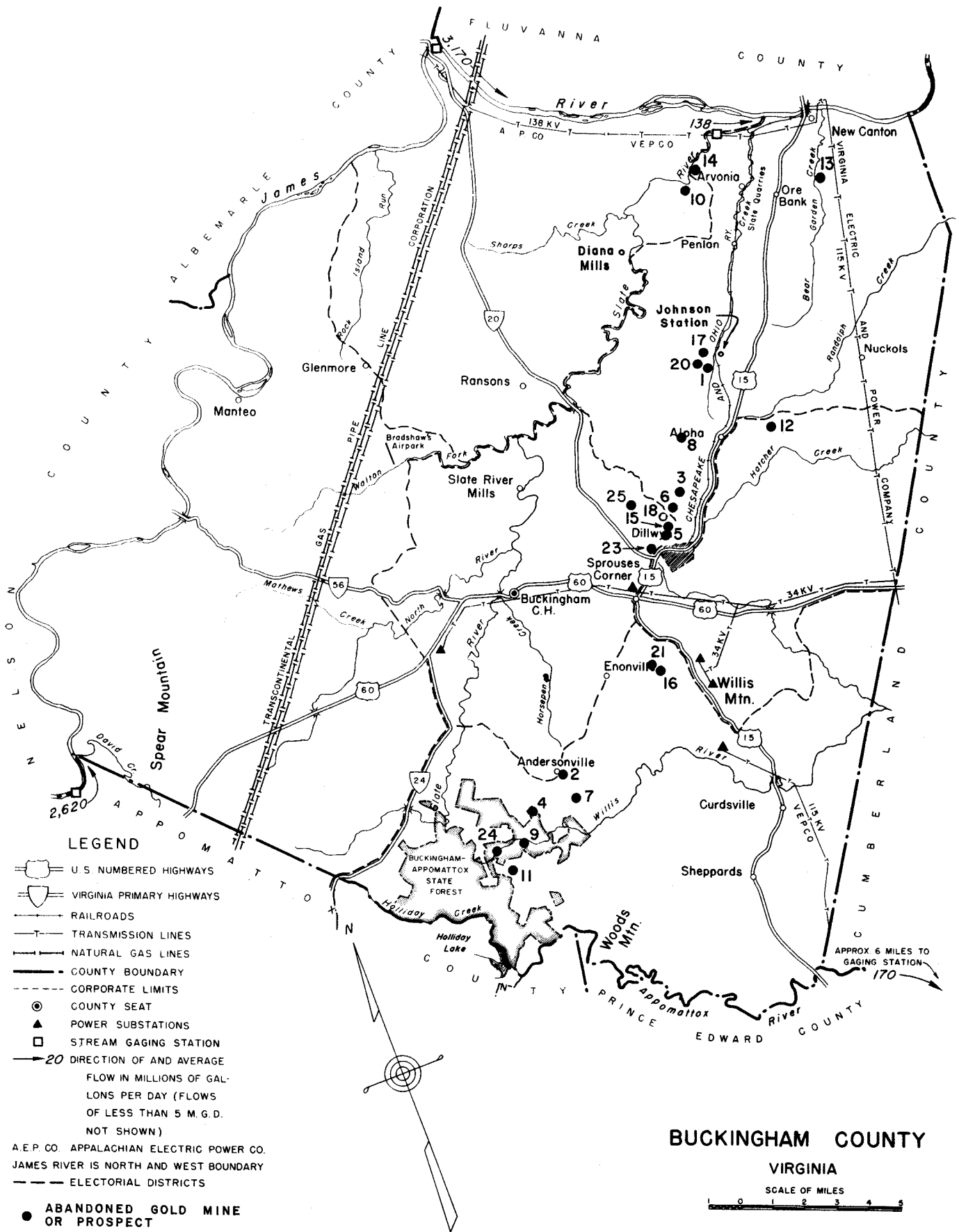


● ABANDONED GOLD MINE OR PROSPECT

BEDFORD COUNTY

1. Holliday (Cabin Hill)





**LEGEND**

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATIONS
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)

A.E.P. CO. APPALACHIAN ELECTRIC POWER CO.  
 JAMES RIVER IS NORTH AND WEST BOUNDARY  
 --- ELECTORIAL DISTRICTS

● ABANDONED GOLD MINE OR PROSPECT

○ APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

**BUCKINGHAM COUNTY**

VIRGINIA

SCALE OF MILES



## BUCKINGHAM COUNTY

1. Anaconda
2. Anderson
3. Apperson (LeSeur)
4. Bondurant
5. Buckingham (Wiseman)
6. Burnett (Staples)
7. Copal (Kopall)
8. Duncan
9. Flood (James Anderson)
10. Ford
11. Gilliam
12. Greeley (Ayres)
14. Lightfoot (Cowan)
15. London and Virginia (Eldridge)
16. Morrow (Booker, Garnett, Moseley)
17. Morton (Hobson)
18. Philadelphia (Allen)
20. Rough and Ready
21. Seay
23. Williams
24. Willis Creek
25. Turpin Creek (Gold Tract)

**ANACONDA MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... WO28989  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... ANACONDA MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... BUCKINGHAM  
 DRAINAGE AREA ..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.  
 LATITUDE LONGITUDE  
 37-36-50N 078-24-20W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4165950. 729000. +17  
 ALTITUDE.. 420 FT (128 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 0.65 MI (1.05 KM) SW OF JOHNSON  
 STATION (NOW DESERTED).  
 LOCATION COMMENTS: WEST SIDE OF HUNTS CREEK ABOUT 0.65 MI (1.05 KM) SOUTH  
 OF JUNCTION WITH STATE ROAD 622

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL .....  
 OCCURRENCE..... PYR  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1800'S  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1900  
 PRESENT/LAST OPERATOR.... ANACONDA GOLD MINING CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1900 DIREXPL WORKED AS PLACER  
 2) 1906 DIREXPL ANACONDA GOLD MINING CO., DEVELOPING  
 3) 1974 RECON VA. DIV. MIN. RES. LOCATED MINE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER  
 FORM/SHAPE OF DEPOSIT: LINEAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 WORKED AS PLACER DEPOSIT.

DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE SMALL PITS AND TRENCHES AND DUMPS WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL  
 2) NAME: ALLUVIUM  
 AGE: QUAT

GENERAL REFERENCES  
 1) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, J.P. BELL CO., 618 P.  
 2) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIV. OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**ANDERSON MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... WO28988  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME ..... ANDERSON MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... BUCKINGHAM  
 DRAINAGE AREA ..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 ANDERSONVILLE, VA.  
 LATITUDE LONGITUDE  
 37-27-55N 078-34-06W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4149050. 715050. +17  
 ALTITUDE.. 670 FT (204 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 0.2 MI (0.3 KM) SE OF  
 ANDERSONVILLE  
 LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF EAST SIDE STATE ROAD 638 ABOUT 0.15  
 MI (0.24 KM) BY ROAD SOUTH OF ITS JUNCTION WITH STATE ROAD 640.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1830  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1830

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1830 DIREXPL PLACER MINE  
 2) 1978 RECON VA. DIV. MIN. RES., LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
 PLACER MINE IN 1830'S

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 50 FT (15 M) SHAFT AND 210 FT (64 M) TUNNEL SUNK IN EARLY WORKINGS. IN  
 1978 ABOUT TEN CAVED PITS, ONE CAVED SHAFT AND VERY LARGE DUMP AREA  
 VISIBLE.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... METAQUARTZITE, QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE, PYRITE

IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL  
 2) NAME: ALLUVIUM  
 AGE: QUAT

COMMENTS (GEOLOGY AND MINERALOGY):

MINERALIZED QUARTZITE INTERBEDDED WITH SCHIST IN THE SHEAR ZONE OF THE LONDON AND VIRGINIA VEIN.

GENERAL COMMENTS

JUST NE OF BONDURANT MINE.

GENERAL REFERENCES

- 1) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**APPERSON MINE**

RECORD IDENTIFICATION

RECORD NO..... W028987  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... APPERSON MINE  
 SYNONYM NAME..... LESEUR'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.

LATITUDE LONGITUDE  
 37-34-02N 078-27-16W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4160650. 724830. +17

ALTITUDE.. 555 FT (169 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.7 MI (2.7 KM) N OF DILLWYN

LOCATION COMMENTS: 0.65 MI (1.05 KM) OFF THE SW SIDE OF STATE ROAD 631 ABOUT 0.65 MI (1.05 KM) BY ROAD SOUTH OF JUNCTION WITH A FOREST ROAD

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 4  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1860

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) 1860 DIREXPL SOME GOLD REMOVED PRIOR TO CIVIL WAR
  - 2) 1882 DIREXPL MINE WORKED
  - 3) 1974 RECON VA. DIV. MIN. RES., MINE RELOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 LITTLE DEVELOPED PRODUCER

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 3 VEINS, ONE OF WHICH IS 3 TO 4.6 M (10 TO 15 FT) WIDE, CROSS THIS PROPERTY( ONE VEIN OF WHITE MASSIVE QUARTZ WITH LITTLE IRON OXIDE AND OF NO GREAT VALUE HAD BEEN OPENED BY A SHAFT AND A 2.4 M (8 FT) OPENCUT IN 1865.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

IN 1974 SMALL PIT AND TRENCH, SEVERAL DUMP PILES EVIDENT. IN 1865 A SHAFT AND A 2.4 M (8 FT) OPENCUT HAD BEEN SUNK.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE, PYRITE

IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 GOLD-BEARING QUARTZ VEINS IN SCHIST.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) HARPER'S MAGAZINE, 1865, THE NATURAL WEALTH OF VIRGINIA: NEW YORK V. 32, NO. 187, P. 32-42.
- 4) CAMPBELL, J.L., 1882, GEOLOGY AND MINERAL RESOURCES OF THE JAMES RIVER VALLEY, VIRGINIA: NEW YORK, G.P. PUTNAM'S SONS, 119 P.
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR (MNG., VOL. VII, P. 105.

**AYRES MINE (See Greely Mine)**

**BONDURANT MINE**

RECORD IDENTIFICATION

RECORD NO..... W028968  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...

REPORTER

NAME..... BEAUL  
 LEU (D.C. LEVAN), HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BONDURANT MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 31

QUAD SCALE QUAD NO OR NAME  
 1: 24000 ANDERSONVILLE, VA.

LATITUDE LONGITUDE  
 37-27-10N 078-35-24W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4147630. 713180. +17

ALTITUDE.. 645 FT (197 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.4 KM (1.5 MI) SW OF ANDERSONVILLE.

LOCATION COMMENTS: 0.08 KM (0.05 MI) OFF NE SIDE OF STATE ROAD 612, ABOUT 0.56 KM (0.35 MI) BY ROAD SE OF ITS INTERSECTION WITH STATE ROAD 640. IN APPAMATTOX-BUCKINGHAM STATE FOREST.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL .....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

COMMODITY COMMENTS:

PYRITE IS FINE-GRAINED AND DISSEMINATED THROUGH THE QUARTZITE, BEING SOMEWHAT MORE ABUNDANT ALONG THE PRINCIPAL BEDDIN PLANES AND IN CLOSE PROXIMITY TO THE VEINLETS.

ANALYTICAL DATA(GENERAL)

MR. MOORE, WHO WAS IN CHARGE OF THE MINE IN 1901, SAID THAT ASSAYS WERE OBTAINED RUNNING AS HIGH AS \$65 PER TON, THE VEINS AVERAGING \$4.50 PER TON IN GOLD.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1836  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1836  
PRESENT/LAST OPERATOR.... MR. MOORE

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1875 DIREXPL MAJOR MILLER: STAMP MILL ERECTED.  
2) 1901 DIREXPL MR MOORE: 121 M TUNNEL DRIVEN ACROSS 5 VEINS.  
3) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED.

EXPLOR. AND DEVELOP. COMMENTS:

PLACER MINING IS SAID TO HAVE BEEN CONDUCTED ON THIS PROPERTY AS EARLY AS 1836, AND SOME OF THE HILLSIDES AS WELL AS THE BRANCHES WERE WASHED FOR GOLD. IN 1838, THE PROPERTY WAS LEASED FROM MR. BONDURANT BY MAJOR MILLER, WHO BUILT A SMALL STAMP MILL ON THE BRANCH FLOWING THROUGH THE PROPERTY AND WORKED A VEIN THAT OUTCROPS ON THE HILL ABOUT 122 M (400 FT) TO THE SOUTH. A ROYALTY OF A TENTH OF THE GOLD RECOVERED WAS PAID TO THE OWNER, AND DURING THE PERIOD OF 10 MONTHS IN WHICH MINING WAS CARRIED ON, HE IS SAID TO HAVE RECEIVED \$240. IN 1865, TWO PARALLEL VEINS, 9 M (30 FT) APART, WERE OPENED BY EXCAVATIONS 6 TO 8 M (20 TO 25 FT) DEEP, AND BY TWO SHAFTS, 11 AND 14 M (35 TO 45 FT) DEEP, RESPECTIVELY. ABOUT 1875, A SMALL STAMP MILL WAS OPERATED ON THE PROPERTY FOR A SHORT TIME. IN 1901, A TUNNEL WAS DRIVEN FROM NEAR THE CREEK SOUTHEAST FOR A DISTANCE OF 125 M (410 FT), CONNECTING WITH THREE SHAFTS HAVING DEPTHS OF 9, 12, AND 22 M (30, 40, AND 71 FT), RESPECTIVELY, AND FROM A POINT NEAR ITS EXTREMITY A DRIVE WAS OPENED FOR 29 M (96 FT) SOUTHWEST ALONG A VEIN. 5 PARALLEL VEINS WERE REPORTED TO HAVE BEEN ENCOUNTERED IN THE TUNNEL. ANOTHER VEIN WAS LOCATED BY A TEST PIT ON THE OPPOSITE SIDE OF THE CREEK.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR (?)

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX THICKNESS..... 1.4 M

COMMENTS(DESCRIPTION OF DEPOSIT):

VEINS APPEAR TO BE QUARTZITE BEDS CUT BY VEINLETS OR STRINGERS OF CRYSTALLINE QUARTZ WHICH OFTEN CONTAIN MUSCOVITE. VEINS ARE PARALLEL. OF THE TWO VEINS MENTIONED IN 1865, ONE WAS 0.6 M (2 FT) WIDE AND THE OTHER 1.4 M (4.5 FT); THEIR DIP WAS NEARLY VERTICAL AND CROSSED THE PROPERTY FOR THREE-QUARTERS OF A MILE, AND CARRY SANDY QUARTZ, IRON OXIDE AND FREE GOLD. OF THE 5 VEINS ENCOUNTERED IN THE TUNNEL IN 1901, THE LARGEST WAS 9.5 M (31 FT) THICK WHILE THE OTHERS RANGED FROM 1 TO 2.4 M (3 TO 8 FT) THICK.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

5 CAVED PITS, 3 CAVED SHAFTS AND SEVERAL DUMP PILES REPORTED IN 1978. ONE TUNNEL 125 M LONG CONNECTING WITH 3 SHAFTS OF DEPTHS 9 M, 12 M, AND 22 M DEEP REPORTED IN 1913. IN 1865 TWO PARALLEL VEINS, 9 M (30 FT) APART, HAD BEEN OPENED BY EXCAVATIONS 6.1 TO 7.6 M (20 TO 25 FT) DEEP, AND BY TWO SHAFTS, 10.7 AND 13.7 M (35 AND 45 FT) DEEP RESPECTIVELY.

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST, QUARTZITE

PERTINENT MINERALOGY..... MAGNETITE, SPECULAR HEMATITE, QUARTZ, SERICITE, CHLORITE

IMPORTANT ORE CONTROL/LOCUS.. VEINS OCCUR IN QUARTZITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

QUARTZITE INTERBEDDED WITH QUARTZ-SERICITE SCHIST CONTAINING LENTICULAR EYES OF BLUE QUARTZ.

GENERAL REFERENCES

- 1) TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA; VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 2) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) HAMMETT, A.B.J., 1966. THE HISTORY OF GOLD: KERRVILLE, TEXAS. BRASWELL PRINTING CO., 107 P.

BOOKER MINE (See Morrow Mine)

BUCKINGHAM MINE

RECORD IDENTIFICATION

RECORD NO..... W028967  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... BEAUL  
IEU (D.C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BUCKINGHAM MINE  
SYNONYM NAME..... WISEMAN MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1 24000 DILLWYN, VA

LATITUDE LONGITUDE  
37-33-01N 078-27-59W

UTM NORTHING UTM EASTING UTM ZONE NO  
4158740. 723820. +17

ALTITUDE.. 670 FT (204M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.21 KM (0.75 MI) NW OF DILLWYN.

LOCATION COMMENTS: 1.05 KM (0.65 MI) NE OF THE INTERSECTION OF U.S. HIGHWAY 15 WITH STATE HIGHWAY 20.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL .....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITES OTHER SULFIDES?

MAIN ORE MINERALS:  
NATIVE GOLD

COMMODITY COMMENTS:

ZINC, SILVER, COPPER AND LEAD ARE REPORTED TO BE PRESENT AT THE ADJACENT LONDON AND VIRGINIA MINE AND PROBABLY OCCUR HERE AS WELL. MINERALS MOST LIKELY PRESENT INCLUDE GALENA, CHALCOPYRITE, SPHALERITE, AND NATIVE SILVER.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1853 OR BEFORE  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION 1853 OR BEFORE  
YEAR OF LAST PRODUCTION. 1858 (?)  
PRESENT/LAST OWNER..... ASHBEY PANKEY  
PRESENT/LAST OPERATOR.... BUCKINGHAM GOLD MINING CO.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1853 DIREXPL BUCKINGHAM GOLD MINING COMPANY: OPENED MINE.  
2) 1955 DIREXPL VIRGINIA MINING CORPORATION: DIAMOND DRILLED.  
3) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED.

## EXPLOR. AND DEVELOP. COMMENTS:

THE BUCKINGHAM MINE WAS FIRST KNOWN AS THE WISEMAN MINE. THE BUCKINGHAM GOLD MINING CO. WAS ORGANIZED TO OPERATE THE PROPERTY IN 1853, AND PROCEEDED TO DEVELOP THE MINE ON A LARGER SCALE. THE EARLIEST WORK WAS LIMITED TO OPEN CUT MINING. LATER 2 SHAFTS WERE SUNK AND LEVELS WERE DRIVEN TO SOME EXTENT ALONG THE VEIN, CONNECTING WITH THE UNDERGROUND WORKINGS OF THE LONDON AND VIRGINIA MINE. MINING OPERATIONS CEASED SEVERAL YEARS BEFORE THE CIVIL WAR. PRACTICALLY ALL THE MATERIAL TAKEN FROM THE MINES APPEARS TO HAVE BEEN PUT THROUGH THE MILLS. HENCE THE ABSENCE OF A LARGE DUMP OF TAILINGS. TWO OR MORE MILLS WERE OPERATED ON THE PROPERTY, BUT THE PRINCIPAL MILL WAS LOCATED NEAR THE BRANCH SOME DISTANCE NORTHEAST OF THE MINE. IN 1953 AND 1955 THE PROPERTY WAS DIAMOND DRILLED BY THE VIRGINIA MINING CORP., SUBSIDIARY OF BELVILLE GOLD MINES, LTD., ALONG WITH THE LONDON AND VIRGINIA PROPERTY, UNDER CONTRACTS WITH THE DEFENSE MINERALS EXPLORATION ADMINISTRATION. IT WAS REPORTED THAT 723,000 TONS OF ORE CONTAINING 3.2 PERCENT ZINC, 20 PERCENT PYRITE, AND FRACTIONAL PERCENTAGES OF GOLD, SILVER, COPPER, AND LEAD WERE BLOCKED OUT.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 6.1 M  
STRIKE OF OREBODY..... N 40 DEG E  
DIP OF OREBODY..... STEEPLY SE

## COMMENTS(DESCRIPTION OF DEPOSIT):

MOST ORE IS IN UPPER 15 M. OCCURS DISSEMINATED AS SMALL CRYSTALS AND THREADS IN QUARTZ AND IRON ORE. THE ORE-BEARING VEIN VARIES IN WIDTH FROM 1 TO 6.1 M (3 TO 20 FT) ON THE NORTHEAST, BUT ONLY 1.2 TO 1.5 M (4 TO 5 FT) TOWARD THE SOUTHWEST. FOR A DETAILED DESCRIPTION OF THE VEIN AND COUNTRY ROCK SEE TABER (1913).

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS(DESCRIP. OF WORKINGS):

OPEN CUTS DUG TO DEPTH OF 6 M TO 12 M; 2 SHAFTS SUNK TO CONNECT W/WORKINGS OF LONDON AND VIRGINIA MINE. DEEPEST SHAFT REPORTEDLY 55 M. ABOUT 6 CAVED PITS AND SCATTERED QUARTZ REPORTED IN 1974.

## PRODUCTION

YES  
SMALL PRODUCTION

## ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 AU	ACC	000001.5	OZ	1853		

## SOURCE OF INFORMATION (PRODUCTION).. TABER (1913)

PRODUCTION COMMENTS..... IN 1854 AN AVERAGE OF 20 TONS OF ORE WERE BEING CRUSHED DAILY, YIELDING 130 DWT OF GOLD PER DAY.

## RESERVES AND POTENTIAL RESOURCES

SOURCE OF INFORMATION (RESERVES/POT RESOURCES).. BROWN (1969)

COMMENTS (RESERVES/POT RESOURCES)..... 723,000 TONS OF ORE CONTAINING 3.2 PERCENT ZINC, 20 PERCENT PYRITE, AND FRACTIONAL PERCENTAGES OF GOLD, SILVER, COPPER, AND LEAD HAVE BEEN ESTIMATED TO BE PRESENT ON THIS PROPERTY AND THE ADJACENT LONDON AND VIRGINIA MINE, BASED ON THE DRILLING DONE IN 1953 AND 1955 BY VIMCO.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... SERICITE, QUARTZ, CHLORITE, MAGNETITE, HEMATITE, GARNET, BIOTITE

IMPORTANT ORE CONTROL/LOCUS... IN VEINS WHICH INTRUDE INTO SCHIST.

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

## COMMENTS (GEOLOGY AND MINERALOGY):

MUCH FINE-GRAINED MAGNETITE, MINOR PYRITE, AND PINK GARNETS LESS THAN 0.5 MM IN SIZE.

## GENERAL REFERENCES

- 1) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA; VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 2) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA; LYNCHBURG VA, U.P. BELL CO., 618 P.
- 3) BROWN, W.R., 1969, GEOLOGY OF THE DILLWYN QUADRANGLE VIRGINIA; VIRGINIA DIVISION OF MINERAL RESOURCES REPORT OF INVESTIGATIONS 10, 77 P.
- 4) SWEET, P.C., 1980, GOLD IN VIRGINIA; VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 5) CREEDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA; AMER. JOUR. MNG., VOL. VII, P. 72.
- 6) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD; KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## BURNETT MINE

RECORD IDENTIFICATION  
RECORD NO..... W028966  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... BEAUL  
IEU (D. C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... BURNETT MINE  
SYNDONYM NAME..... STAPLES MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE..... QUAD NO OR NAME  
1: 24000..... DILLWYN, VA.

LATITUDE..... LONGITUDE  
37-33-42N..... 07B-27-34W

UTM NORTHING..... UTM EASTING..... UTM ZONE NO  
4160010..... 724000..... +17

ALTITUDE.. 490 FT (149 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.17 KM (1.35 MI) NORTH OF DILLWYN ON THE WEST SIDE OF GOLD MINE BRANCH.

LOCATION COMMENTS: 1.9 KM WEST OF INTERSECTION OF STATE ROAD 631 WITH U.S. HIGHWAY 15.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

ANALYTICAL DATA(GENERAL)  
IN 1865 A HUNDRED POUNDS OF ORE REMOVED FROM THE SHAFT WAS VALUED AT 1.00, EQUIVALENT TO \$20 PER TON.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE 1865  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION.. 1881  
PRESENT/LAST OWNER..... WESTVACO  
PRESENT/LAST OPERATOR..... BURNETT MINING & MILLING CO.

## WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL 7 - DUG SHAFT, MINED?
  - 2) 1881 DIREXPL BURNETT MINING AND MILLING CO. - SUNK SHAFT AND TUNNEL. MINED
  - 3) 1974 RECON VA. DIV. OF MIN. RES. - SITE INSPECTED

## EXPLOR. AND DEVELOP. COMMENTS:

IN 1865 THERE WAS A SHAFT 16.5 M (54 FT) DEEP. FROM 1881 TO 1883 THE BURNETT MINING AND MILLING CO. DEVELOPED THE LONDON AND VIRGINIA VEIN A SHAFT WAS SUNK TO A DEPTH OF 27.4 M (90 FT) AND A SHORT TUNNEL DRIVEN FROM THE SOUTHWEST ALONG THE VEIN TO CONNECT WITH THE SHAFT. THERE WAS ANOTHER SHAFT A FEW METERS NORTHEAST AND A NUMBER OF PITS. THE MINE HAS REMAINED IDLE SINCE 1883. A MILL WAS LOCATED 274 TO 366 M (300 TO 1200 FT) WEST OF THE MINE ON THE WEST SIDE OF A LARGE BRANCH. IT CONSISTED OF 3 BATTERIES OF 4 STAMPS EACH. IT BURNED DOWN BEFORE 1910. IT IS REPORTED THAT MOST OF THE ORE MILLED WAS HAULED FROM THE LONDON AND VIRGINIA MINE.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX THICKNESS..... 1.2 M  
STRIKE OF OREBODY..... N.45 DEG. E.  
DIP OF OREBODY..... SE

## COMMENTS(DESCRIPTION OF DEPOSIT):

STRIKE IS APPROXIMATE; DIP IS NEAR VERTICAL, INCLINED TOWARD SE; SAME VEIN AS THE LONDON AND VIRGINIA VEIN. THE COUNTRY ROCK IS A QUARTZ-SERICITE SCHIST IMPREGNATED WITH FINE-GRAINED PYRITE, SIMILAR IN EVERY WAY TO THE ROCK OCCURRING ON THE NORTHWEST SIDE OF THE VEIN AT THE BUCKINGHAM MINE. THE QUARTZITE IS VERY SCHISTOSE AND CONTAINS CONSIDERABLE SERICITE AND IRON OXIDE, AS WELL AS FREE GOLD.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE 27.4 M

COMMENTS(DESCRIP. OF WORKINGS):  
 CAVED PIT AND TRENCH. SCATTERED DUMPS REPORTED 1974. 2 SHAFTS, ONE REPORTEDLY 24 M TO 27.4 M WERE SUNK AND A SHORT TUNNEL DRIVEN FROM SW ALONG THE VEIN TO CONNECT THE SHAFT. IN 1865 A 16.5 M (54 FT) SHAFT HAD BEEN SUNK.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ, SERICITE

IMPORTANT ORE CONTROL/LOCUS.. IN A BED OF QUARTZITE.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 LENTICULAR QUARTZ CONCRETIONS IN WHITE QUARTZ-SERICITE SCHIST.

GENERAL REFERENCES

- 1) TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA. VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 2) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) LUTTRELL, G.W., 1966. BASE AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) CREDNER, H., 1869. REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA. AMER. JOUR. MNG., VOL. VII, P. 72.
- 5) HAMMETT, A.B.J., 1966. THE HISTORY OF GOLD: KERRVILLE, TEXAS. BRASWELL PRINTING CO., 107 P.

**COPAL MINE PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W028986  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME..... COPAL PROSPECT  
 SYNONYM NAME..... KOPALL PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 ANDERSONVILLE, VA.

LATITUDE LONGITUDE  
 37-27-07N 078-33-50W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4147580. 715500. +17

ALTITUDE.. 595 FT (181 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 MI (2.6 KM) S OF ANDERSONVILLE.

LOCATION COMMENTS: 0.025 MI (0.040 KM) OFF THE WEST SIDE OF STATE ROAD 638 ABOUT 0.65 MI (1.05 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 637

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV 6  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL NO PUBLISHED RESULTS  
 2) 1974 RECON VA. DIV. MIN. RES: MINE RE-LOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 NO PUBLISHED DATA KNOWN

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE CAVED PITS AND DUMPS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION  
 UNDETERMINED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE), PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES  
 1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**COWAN MINE (See Lightfoot Mine)**

**DUNCAN PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W028965  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... DUNCAN PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.

LATITUDE LONGITUDE  
 37-35-19N 078-26-19W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4163050. 726150. +17

ALTITUDE.. 455 FT (139 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 6.6 KM (4.1 MI) NNE OF DILLWYN.

LOCATION COMMENTS: 0.40 KM (0.25 MI) OFF E SIDE OF A FOREST ROAD ABOUT 0.56 KM (0.35 MI) BY ROAD N OF I15 INTERSECTION WITH STATE ROAD 631.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
YEAR OF DISCOVERY..... PRE-1913  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:

GRAVEL DEPOSITS ALONG BRANCHES WERE FORMERLY WORKED FOR GOLD, THE VEIN WAS PROSPECTED BUT NEVER WORKED, AS OF TABER'S (1913) REPORT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN, PLACER  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):

THE LESSURE-APPERSON VEIN OUTCROPS ON PROPERTY, BUT IT APPEARS VERY POOR.

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

3 CAVED PITS AND LARGE DUMP REPORTED 1974. THE LARGEST PIT WAS 7.6 M (25 FT) LONG, 1.5 M (5 FT) WIDE, AND 1.2 M (4 FT) DEEP.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ SERICITE SCHIST  
PERTINENT MINERALOGY..... QUARTZ, SERICITE, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA; VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA, AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 105.

ELDRIDGE MINE (See London and Virginia Mine)

FLOOD MINE

RECORD IDENTIFICATION

RECORD NO..... W028964  
RECORD TYPE..... X1M  
INFORMATION SOURCE... 1.3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... BEAUL  
IEU (D.C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... FLOOD MINE  
SYNONYM NAME..... JAMES ANDERSON'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
DRAINAGE AREA..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... 31

QUAD SCALE  
1: 24000

QUAD NO OR NAME  
ANDERSONVILLE, VA.

LATITUDE  
37-26-29N

LONGITUDE  
078-36-05W

UTM NORTHING  
4146340.

UTM EASTING  
712190.

UTM ZONE NO  
+17

ALTITUDE.. 490 FT (149M)

POSITION FROM NEAREST PROMINENT LOCALITY: 4.91 KM (3.05 MI) SW OF ANDERSONVILLE ALONG THE WILLIS RIVER.

LOCATION COMMENTS: IN APPOMATTOX-BUCKINGHAM STATE FOREST; 0.72 KM (0.45 MI) OFF NNE SIDE OF A FOREST ROAD, ABOUT 1.8 KM (1.1 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 636.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 4  
YEAR OF DISCOVERY..... 1830'S  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1830'S (?)

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL SHAFT AND TUNNEL SUNK  
2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:

PLACER WASHING IN BRANCHES WAS DONE SOON AFTER GOLD WAS DISCOVERED IN THE AREA, WITH UNKNOWN RESULTS. A SHAFT AND TUNNEL WERE OPENED PRIOR TO THE CIVIL WAR.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
MINE IS PROBABLY ON SHEAR ZONE OF THE LONDON AND VIRGINIA VEIN.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

ABOUT 10 SHALLOW PITS AND SMALL, COVERED DUMPS REPORTED AROUND 1974.

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL -ORD  
HOST ROCK TYPES..... SERICITE-QUARTZITE SCHIST  
PERTINENT MINERALOGY..... QUARTZ, SERICITE, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL  
2) NAME: ARVONIA  
AGE: ORD

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA; VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA; VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 73.

FORD MINE

RECORD IDENTIFICATION

RECORD NO..... W028970  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1.3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... BEAUL  
IEU (D.C. LE VAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.



**NAME AND LOCATION**  
 DEPOSIT NAME ..... FORD MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... BUCKINGHAM  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 DIANA MILLS, VA.  
 LATITUDE LONGITUDE  
 37-41-37N 078-22-56W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4174840. 730820. +17  
 ALTITUDE.. 300 FT (91 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 4.59 KM (2.85 MI) NE OF DIANA MILLS.  
 LOCATION COMMENTS: 0.08 KM (0.05 MI) OFF THE W SIDE OF ROCKY CREEK ABOUT 0.56 KM (0.35 MI) S OF ITS INTERSECTION WITH THE SLATE RIVER.

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT ..... AU CU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU CU  
 MAIN ORE MINERALS:  
 NATIVE GOLD, CHALCOPYRITE  
**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... 1835  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. 1835 (?)

**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1835 DIREXPL SHAFT SUNK  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES. SITE INSPECTED  
**EXPLOR. AND DEVELOP. COMMENTS:**  
 A VEIN IS SAID TO HAVE BEEN DISCOVERED IN 1835, WHICH WAS RICH IN GOLD AT THE SURFACE, BUT AT A DEPTH OF 1.2 TO 1.5 M (4 TO 5 FT) COPPER PYRITE (CHALCOPYRITE) BECAME SO PLENTIFUL AS TO INTERFERE WITH AMALGAMATION, AND THE WORK WAS ABANDONED. LATER, AN 18 M (60 FT) SHAFT WAS SUNK TO STRIKE THE VEIN AT ANOTHER POINT, BUT A FEW LENTICULAR QUARTZ CONCRETIONS CONTAINING CHALCOPYRITE SEEM TO BE ALL THAT WAS FOUND. TWO OTHER SMALL VEINS WERE ALSO EXPOSED IN OPEN CUTS WHICH CONTAINED PYRITE, CHALCOPYRITE AND A LITTLE FREE-GOLD.

**DESCRIPTION OF DEPOSIT**  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 REPORTEDLY RICH IN GOLD NEAR SURFACE, BUT MORE RICH IN COPPER WITH DEPTH.

**DESCRIPTION OF WORKINGS**  
 DEPTH OF WORKINGS BELOW SURFACE. 18 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 7 SMALL DUMP PILES REPORTED 1974; UNPRODUCTIVE SHAFT SUNK. ALSO SEVERAL OPEN CUTS WERE REPORTEDLY DUG.

**PRODUCTION**  
 YES  
 SMALL PRODUCTION  
**GEOLOGY AND MINERALOGY**  
 AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... GREENSTONE SCHIST  
 PERTINENT MINERALOGY ..... EPIDOTE, QUARTZ, PYRITE  
 IMPORTANT ORE CONTROL/LOCUS.. QUARTZ VEINS

**GEOLOGY (SUPPLEMENTARY INFORMATION)**  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. LONG ISLAND SYNCLINE; ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

**COMMENTS (GEOLOGY AND MINERALOGY):**  
 LENTICULAR QUARTZ CONCRETIONS IN GREENSTONE SCHIST.  
**GENERAL COMMENTS**  
 CHALCOPYRITE IN ORE INTERFERED WITH AMALGAMATION AND PRODUCTION CEASED UNTIL SHAFT WAS SUNK.

**GENERAL REFERENCES**  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
 3) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 4) CREONER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 58.

**GARNETT MINE (See Morrow Mine)**

**GILLIAM MINE**

**RECORD IDENTIFICATION**  
 RECORD NO. .... W028990  
 RECORD TYPE ..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC...  
**REPORTER**  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME ..... GILLIAM MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... BUCKINGHAM  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 ANDERSONVILLE, VA.  
 LATITUDE LONGITUDE  
 37-25-59N 078-36-38W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4145400. 711420. +17  
 ALTITUDE.. 640 FT (195 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3.8 MI (6.1 KM) SW OF ANDERSONVILLE  
 LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF NW SIDE OF A FOREST ROAD ABOUT 0.8 MI (1.3 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 636

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT ..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL .....  
 OCCURRENCE ..... PYR  
**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... 1865 (?)  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. 1865

**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1865 DIREXPL SHAFT DRIVEN  
 2) 1974 RECON VA. DIV. MIN. RES., MINE RELOCATED

**DESCRIPTION OF DEPOSIT**  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 DIP OF ORE BODY ..... VERTICAL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 IN 1865 OUTCROP REPORTED CONSISTING OF BROWN OXIDE OF IRON WITH ONLY A LITTLE QUARTZ. WIDTH OF VEIN THINNED TO 4 FT.

**DESCRIPTION OF WORKINGS**  
 SURFACE AND UNDERGROUND  
 LENGTH OF WORKINGS. .... 6.1 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1865, 7 CUTS AND A 6.1 M (20 FT) SHAFT WERE OPEN. IN 1974, FIVE CAVED PITS AND SMALL, COVERED QUARTZ DUMPS LOCATED.

**PRODUCTION**  
 YES  
 SMALL PRODUCTION

**GEOLOGY AND MINERALOGY**

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, QUARTZITE  
 PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE)  
 IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

**COMMENTS (GEOLOGY AND MINERALOGY):**

MOST SOUTHWESTERLY OPENING IN MINERALIZED QUARTZITE, PROBABLY ON THE SHEAR ZONE OF THE LONDON AND VIRGINIA VEIN. PROBABLY MORE PYRITE THAN BONDURANT MINE.

**GENERAL COMMENTS**

ADJOINS FLOOD MINE.

**GENERAL REFERENCES**

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 73.

**GOLD TRACT (See Turpin Creek Mine)**

**GREELEY MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W028991  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE..... 79  
 UPDATED..... 82  
 BY..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**

DEPOSIT NAME..... GREELEY MINE  
 SYNONYM NAME..... AYRES MINE, AYE'S MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.

LATITUDE LONGITUDE  
 37-34-45N 078-23-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4162120. 730510. +17

ALTITUDE.. 430 FT (131 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 MI (2.6 KM) E OF ALPHA.

LOCATION COMMENTS: 0.35 MI (0.56 KM) OFF SSW SIDE OF STATE ROAD 617 ABOUT 1.0 MI (1.6 KM) BY ROAD SW OF JUNCTION WITH US 15.

**COMMODITY INFORMATION**

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

**EXPLORATION AND DEVELOPMENT**

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... EARLY 1800'S  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR

**WORK DONE BY OTHER ORGANIZATIONS**

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PLACER WORKINGS IN FIRST HALF OF 19TH CENTURY  
 2) 1865 DIREXPL TRENCHING  
 3) 1974 RECON VA. DIV. MIN. RES., RELOCATED MINE

**EXPLOR. AND DEVELOP. COMMENTS:**

THE PLACER DEPOSITS WERE WORKED DURING THE EARLY DAYS OF GOLD MINING IN BUCKINGHAM COUNTY ( IT IS REPORTED THE GRAVELS YIELDED MUCH GOLD. PROSPECTING HAS BEEN CARRIED ON AT VARIOUS TIMES IN THE ENDEAVOR TO LOCATE THE VEIN FROM WHICH THE GOLD ESCAPED. IN 1865, A MILL WAS BEING STARTED, BUT IT WAS PROBABLY NEVER FINISHED.

**DESCRIPTION OF DEPOSIT**

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

**SIZE/DIRECTIONAL DATA**

SIZE OF DEPOSIT..... SMALL  
 STRIKE OF OREBODY..... NE-SW  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 DEPOSIT FIRST WORKED AS PLACER. THE VEIN OPENED BY THE PITS, TRENCHES AND SHAFTS CONSISTS OF QUARTZ WITH FREE GOLD AND IS SAID TO HAVE PAID WELL.

**DESCRIPTION OF WORKINGS**

SURFACE AND UNDERGROUND

**COMMENTS(DESCRIP. OF WORKINGS):**

CREDNER (1869) REPORTED 8 OR 10 OLD CUTS AND SHAFTS, AND A LARGE, WATER-FILLED EXCAVATION 11 M (35 FT) DEEP. SEVERAL LARGE TRENCHES, LEADING TOWARD THE TOP OF THE HILL, THE LARGEST BEING 9 TO 12 M (30 TO 40 FT) WIDE, ABOUT THE SAME DEPTH, AND 61 TO 91.5 M (200 TO 300 FT) LONG IN A NE-SW DIRECTION, AND MANY PITS AND SHAFTS WERE ALSO REPORTED BY TABER (1913). IN 1974, 2 TRENCH CUTS WERE EVIDENT.

**PRODUCTION**

YES  
 SMALL PRODUCTION

**GEOLOGY AND MINERALOGY**

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GNEISSOID QUARTZ  
 MONZONITE (SCHISTOSE)

PERTINENT MINERALOGY..... QUARTZ, BIOTITE, FELDSPAR, MUSCOVITE (SERICITE) HORNBLENDE CALCITE, GARNET, PYRITE

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, WHISPERING CREEK  
 ANTICLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: HATCHER COMPLEX (CHOPAWAMSI FORMATION)  
 AGE: EPAL  
 2) NAME: ARVONIA FORMATION  
 AGE: ORD

SIGNIFICANT LOCAL STRUCTURES:  
 FAULTING

**COMMENTS (GEOLOGY AND MINERALOGY):**

VEINLETS OF QUARTZ AND CALCITE SHOW LITTLE EVIDENCE OF MINERALIZATION. MINE LOCATED CLOSE TO CONTACT OF HATCHER COMPLEX AND ARVONIA FORMATION. HATCHER COMPLEX POSSIBLY CHOPAWAMSI METAMORPHOSED UNDER HIGHER GRADE.

**GENERAL REFERENCES**

- 1) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 105.

**HOBSON MINE (See Morton Mine)**

**JAMES ANDERSON MINE (See Flood Mine)**

**KOPALL PROSPECT (See Copal Prospect)**

**LESEUR MINE (See Apperson Mine)**

**LIGHTFOOT MINE**

**RECORD IDENTIFICATION**  
 RECORD NO. .... WO28994  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

**REPORTER**  
 NAME ..... MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME ..... LIGHTFOOT MINE  
 SYNONYM NAME ..... COWAN MINE

**MINING DISTRICT/AREA/SUBDIST.** GOLD-PYRITE BELT

**COUNTRY CODE** ..... US  
**COUNTRY NAME:** UNITED STATES

**STATE CODE** ..... VA  
**STATE NAME:** VIRGINIA

**COUNTY** ..... BUCKINGHAM  
**DRAINAGE AREA** ..... 02 JAMES RIVER  
**PHYSIOGRAPHIC PROV.** ..... 02 PIEDMONT  
**LAND CLASSIFICATION** ..... 01

**QUAD SCALE** ..... QUAD NO OR NAME  
 1: 24000 ..... DIANA MILLS, VA.

**LATITUDE** ..... LONGITUDE  
 37-42-10N ..... 078-22-32W

**UTM NORTHING** ..... UTM EASTING ..... UTM ZONE NO  
 4175860. .... 731370. .... +17

**ALTITUDE**.. 300 FT (91 M)

**POSITION FROM NEAREST PROMINENT LOCALITY:** 2.75 MI (4.43 KM) NW OF ARVONIA.

**LOCATION COMMENTS:** JUST OFF NORTH SIDE OF STATE ROAD 676, JUST NE OF ITS CROSSING OVER THE SLATE RIVER

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT ..... AU CU

**PRODUCER(PAST OR PRESENT):**  
 MAJOR PRODUCTS.. AU CU

**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 SULFIDES

**MAIN ORE MINERALS:**  
 AURIFEROUS PYRITE, CHALCOPYRITE, NATIVE COPPER.

**MINOR ORE MINERALS:**  
 NATIVE GOLD

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... PRE-CIVIL WAR  
 BY WHOM ..... GEORGE FISHER  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR

**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1850 DIREXPL DURING PERIOD MINED FOR GOLD AND COPPER  
 2) 1904 DIREXPL 85 FT SHAFT SUNK  
 3) 1974 RECON VA. DIV. MIN. RES., MINE RELOCATED

**REPORTS AVAILABLE:**  
 CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA, AMER. JOUR. MNG., VOL. VII, P. 58  
 HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., P. 43-53

**EXPLOR. AND DEVELOP. COMMENTS:**  
 GEORGE FISHER DISCOVERED DEPOSIT AND WORKED THE PROPERTY FOR SEVERAL YEARS UNDER LEASE. IT WAS THEN WORKED SUCCESSIVELY BY 3 DIFFERENT COMPANIES, WHO LEASED IT FROM MR. LIGHTFOOT. THE FIRST COMPANY REPORTEDLY MADE \$300 TO \$400 PER DAY STAMP-MILLING FOR GOLD. THE SECOND COMPANY CONFINED ITS WORK TO SURFACE WASHING, AND THE LAST COMPANY DEVELOPED THE COPPER DEPOSITS, SHIPPING 100 TONS OF \$80-ORE TO BALTIMORE, BEFORE THE MINE CLOSED IN 1861. IN WORKING THE PLACER DEPOSITS, GOLD NUGGETS WORTH \$20 TO \$30 ARE SAID TO HAVE BEEN FOUND. IN 1904 (?) MORE DEVELOPMENT WORK WAS CONDUCTED.

**DESCRIPTION OF DEPOSIT**  
**DEPOSIT TYPES:**  
 VEIN, VOLCANIC  
**FORM/SHAPE OF DEPOSIT:** LENS

**SIZE/DIRECTIONAL DATA**  
**SIZE OF DEPOSIT**..... SMALL  
**COMMENTS(DESCRIPTION OF DEPOSIT):**  
 3 VEINS WERE DEVELOPED  
 2 QUARTZ VEINS, ONE 1.2 M (4 FT) WIDE, CARRIED IRON OXIDE, PYRITE, AND FREE GOLD. THE THIRD VEIN WAS 1.2 TO 1.5 M (4 TO 5 FT) THICK, AND CONSISTED OF AN UPPER GOSSAN THEN 6.1 M (20 FT) OF PYRITE-RICH QUARTZ, BELOW WHICH CHALCOPYRITE OCCURS AND INCREASES WITH DEPTH  
 THE LOWER CHALCOPYRITE RICH PORTION OF THE VEIN CONTAINED 11 PERCENT COPPER.

**DESCRIPTION OF WORKINGS**  
**DEPTH OF WORKINGS BELOW SURFACE.** 26 M

**COMMENTS(DESCRIP. OF WORKINGS):**  
 WATSON (1907) REPORTED MINE WAS DEVELOPED BY AN 26 M (85 FT) SHAFT FROM WHICH SEVERAL SHORT DRIFTS HAD BEEN DRIVEN. PREPARATIONS WERE THEN IN PROGRESS FOR SINKING THE SHAFT SEVERAL HUNDRED FEET DEEPER, EXTENDING THE DRIFTS, AND OPENING NEW ONES ON LOWER LEVELS, BUT IT IS UNCERTAIN IF THIS WAS DONE. CREDNER (1869) REPORTED A NUMBER OF PITS AND A SHAFT HAD BEEN SUNS TO OPEN THE VEINS. IN 1974, A WATER-FILLED SHAFT AND DUMPS WERE EVIDENT.

**PRODUCTION**  
 YES  
 SMALL PRODUCTION

**ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 CU	SML				
2 AU	SML				

**CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 CU	AVG	000000.1	TONS	PRIOR 1861	\$80 CU ORE
16 AU	SML				

**GEOLOGY AND MINERALOGY**

**AGE OF HOST ROCKS** ..... EPAL  
**HOST ROCK TYPES** ..... GREENSTONE SCHIST

**AGE OF ASSOC. IGNEOUS ROCKS**.. PAL  
**IGNEOUS ROCK TYPES** ..... GREENSTONE (METAVOLCANIC)

**PERTINENT MINERALOGY** ..... QUARTZ, EPIDOTE, CALCITE, CHLORITE, MAGNETITE

**IMPORTANT ORE CONTROL/LOCUS**.. SHEAR ZONE

**GEOLOGY (SUPPLEMENTARY INFORMATION)**  
**REGIONAL GEOLOGY**  
**MAJOR REGIONAL STRUCTURES**.. ARVONIA SYNCLINE, NE-SW TREND  
**TECTONIC SETTING** ..... PIEDMONT

**LOCAL GEOLOGY**  
**NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES**  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

**NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES**  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

**SIGNIFICANT LOCAL STRUCTURES:**  
 LONG ISLAND SYNCLINE

**COMMENTS (GEOLOGY AND MINERALOGY):**  
 BENEATH GOSSAN CAP WAS PYRITE TO A DEPTH OF ABOUT 6 M WHERE CHALCOPYRITE WAS FOUND AND INCREASED WITH DEPTH. GREENSTONE IS CONSIDERED TO BE METAMORPHOSED MAFIC VOLCANIC ROCK.

**GENERAL COMMENTS**  
 PROPERTY FIRST WORKED FOR GOLD, BUT OPENED FOR COPPER JUST BEFORE CIVIL WAR. AFTER THE CIVIL WAR SPASMODIC ATTEMPTS WERE MADE TO REOPEN, NONE WERE EVER SUCCESSFUL.

**GENERAL REFERENCES**  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
 3) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA., J.P. BELL CO., 618 P  
 4) BROWN, W.R., 1969, GEOLOGY OF THE DILLWYN QUADRANGLE, VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, REPORT OF INVESTIGATIONS 10, 77 P.

**LONDON AND VIRGINIA MINE**

**RECORD IDENTIFICATION**  
 RECORD NO. .... WO28971  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

**REPORTER**  
 NAME ..... BEAUL  
 IEU (D. C. LE VAN), HARVEY R.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME ..... LONDON AND VIRGINIA MINE  
 SYNONYM NAME ..... ELDRIDGE MINE

**MINING DISTRICT/AREA/SUBDIST.** GOLD-PYRITE BELT

**COUNTRY CODE** ..... US  
**COUNTRY NAME:** UNITED STATES

**STATE CODE** ..... VA  
**STATE NAME:** VIRGINIA

**COUNTY** ..... BUCKINGHAM  
**DRAINAGE AREA** ..... 02 JAMES RIVER  
**PHYSIOGRAPHIC PROV.** ..... 02 PIEDMONT  
**LAND CLASSIFICATION** ..... 01

**QUAD SCALE** ..... QUAD NO OR NAME  
 1: 24000 ..... DILLWYN, VA.

## VIRGINIA DIVISION OF MINERAL RESOURCES

LATITUDE 37-33-05N LONGITUDE 078-27-52W  
 UTM NORTHING 4158860. UTM EASTING 723980. UTM ZONE NO +17  
 ALTITUDE.. 670 FT (204M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.1 KM (0.7 MI) NW OF DILLWYN.  
 LOCATION COMMENTS: 1.21 KM (0.75 MI) NE OF THE INTERSECTION OF U.S. HIGHWAY 15W/STATE HIGHWAY 20.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG CU ZN PB PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL..... AG ZN  
 OCCURRENCE..... CU PB PYR  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD AND SILVER, CHALCOPYRITE, CHALCOCITE, SPHALERITE, GALENA, PYRITE, TENNANTITE (?)  
 MAIN ORE MINERALS:  
 NATIVE GOLD, NATIVE SILVER  
 MINOR ORE MINERALS:  
 GALENA, CHALCOPYRITE, CHALCOCITE  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1840 (?)  
 BY WHOM..... MR. ELDRIDGE  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1853  
 PRESENT/LAST OWNER..... HOMER AND ASHBY PANKEY  
 PRESENT/LAST OPERATOR.... AMOS PANKEY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1853 DIREXPL LONDON AND VIRGINIA GOLD AND COPPER MINING CO.

REPORTS AVAILABLE:  
 TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

EXPLOR. AND DEVELOP. COMMENTS:  
 THE PROPERTY WAS FIRST KNOWN AS THE ELDRIDGE MINE AND WORKED FOR SEVERAL YEARS BY MR. ELDRIDGE BEFORE BEING SOLD TO THE LONDON AND VIRGINIA GOLD AND COPPER MINING CO., WHICH WAS FORMED IN LONDON AND INCORPORATED IN VIRGINIA IN 1853. AT FIRST MOST OF THE ORE WAS DERIVED FROM OPEN CUTS. LATER, UP TO FIVE SHAFTS WERE SUNK TO A DEPTH OF AT LEAST 45.7 M (150 FT) AND UNDERGROUND MINING WAS EXTENSIVELY CARRIED ON. OPERATIONS WERE BEING CONDUCTED AT THE SAME TIME AT THE ADJOINING BUCKINGHAM MINE AND THE TWO MINES WERE CONNECTED UNDERGROUND BY A CONTINUOUS DRIVE ALONG THE VEIN. THE MILL ERRECTED BY MR. ELDRIDGE WAS OPERATED FOR 15 YEARS AND THE MINE WAS CLOSED DOWN IN 1855. BASED ON THESE DATES, THIS MINE WAS FIRST WORKED IN 1840 OR BEFORE. LATER, ANOTHER MILL WAS ERRECTED A FEW HUNDRED YARDS SOUTHEAST OF THE VEIN. IT IS UNCERTAIN IF THIS MILL WAS OPERATED BY THE LONDON AND VIRGINIA GOLD AND COPPER MINING CO., BUT THAT IS WHAT IS IMPLIED, AND BASED ON THE WAY IT WAS WRITTEN THIS MINE MAY HAVE BEEN FIRST WORKED SOME TIME BEFORE 1840. THE TAILINGS AT THE MINE HAVE REPORTEDLY BEEN REWORKED AND \$10,000 IN GOLD EXTRACTED FROM THEM. NO MORE PRODUCTION WAS REPORTED UNTIL 1939-40, WHEN THE MINE WAS REOPENED BY AMOS PANKEY. NO REPORT ON THE AMOUNT OF PRODUCTION DURING 1939-40 IS AVAILABLE. IN 1953 THE BELVILLE GOLD MINES LTD. (VIRGINIA MINING CORP.) DRILLED EXPLORATORY HOLES ON THE PROPERTY, UNDER CONTRACT WITH DEFENSE MINERALS EXPLORATION ADMINISTRATION. SINCE THEN THERE HAS BEEN SOME INTEREST IN THE MINE, BUT NO NEW COMMERCIAL PRODUCTION.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: DISSEMINATED, IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DEPTH TO TOP..... 0 M  
 MAX WIDTH..... 6.3 M  
 STRIKE OF OREBODY..... N 40 DEG E  
 DIP OF OREBODY..... STEEPLY SE TO NEARLY VERTICAL

COMMENTS(DESCRIPTION OF DEPOSIT):  
 METALLIFEROUS BED VARIES IN WIDTH FROM 1 M TO 6.3 M, BUT ONLY 1.2 M TO 1.5 M TOWARD THE SW; SHAFT PROVED THE VEIN TO A DEPTH OF 46 M; SCHIST DIPS STEEPLY TO SE. VEIN WIDENS OUT TO AS MUCH AS 15 M (50 FT) IN SOME PLACES. ITS CHARACTER VARIES WITH DEPTH (IN ITS UPPER 15 M (50 FT) IT CONSISTS OF SOFT, COARSE-GRAINED QUARTZ OF BROWNISH COLOR, MIXED WITH RED AND BROWN OXIDE OF IRON AND A LITTLE MICA. FROM 15 TO 30.5 M (50 TO 100 FT) IN DEPTH IT CARRIES VERY LIGHT COLORED PYRITES, AND FROM 30.5 M (100 FT) TO AN UNKNOWN DEPTH (AT LEAST 46 M) THE QUARTZ BECOMES WHITE AND IS CHARGED WITH A MIXTURE OF IRON PYRITES AND GALENA.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 45.7 M  
 OVERALL LENGTH OF MINED AREA.... 183 M

COMMENTS(DESCRIP. OF WORKINGS):  
 OPEN CUTS CARRIED TO DEPTH OF 6 M TO 12 M; LARGE OPEN CUT AND SEVERAL CAVED PITS REPORTED IN 1974. MINE WAS DEVELOPED AT FIRST BY OPEN CUTS UP TO 12 M (40 FT) DEEP AND LATER BY 3 TO 5 SHAFTS UP TO 46 M (150 FT) DEEP, THOUGH ONE SHAFT WAS REPORTEDLY 55 M (180 FT) DEEP, AND UNDERGROUND DRIFTS.

## PRODUCTION

YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (RESERVES/POT RESOURCES).. BROWN (1969)

COMMENTS (RESERVES/POT RESOURCES).. THROUGH DRILLING BY BELVILLE GOLD MINES, LTD., AND INCLUDING THE BUCKINGHAM MINE PROPERTY, IT WAS REPORTED THAT 723,000 TONS OF ORE CONTAINING 3.2 PERCENT ZINC, 50 PERCENT PYRITE, AND FRACTIONAL PERCENTAGES OF GOLD, SILVER, COPPER AND LEAD WERE BLOCKED OUT.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZITE, SLATE, MICA SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, LIMONITE, PYRITE, BIOTITE, MUSCOVITE, SERICITE, CHLORITE, MAGNETITE, BARITE

IMPORTANT ORE CONTROL/LOCUS... DISSEMINATED IN QUARTZITE AND IN VEIN, PARTIALLY ASSOCIATED WITH SULFIDES.

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

## COMMENTS (GEOLOGY AND MINERALOGY):

QUARTZOSE PARTS OF DEPOSIT CONTAIN BODIES OF PYRITE, WITH EARTHY MASSES OF CHALCOPYRITE.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, W.R., 1969, GEOLOGY OF THE DILLWYN QUADRANGLE, VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES REPORT OF INVESTIGATIONS 10, 77 P
- 3) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: (LYNCHBURG, VA.), J.P. BELL CO., 618 P.
- 4) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, NO. 3, P. 25-33
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 72
- 6) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## MORROW MINE

RECORD IDENTIFICATION  
 RECORD NO..... WO28974  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 TEU (D.C. LEVAN), HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... MORROW MINE  
 SYNONYM NAME..... BOOKER MINE, GARNETT MINE, MOSELY MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 WILLIS MOUNTAIN, VA

LATITUDE LONGITUDE  
 37-29-44N 078-29-37W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4152590. 721570. +17

ALTITUDE.. 565 FT (172 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.5 KM (2.2 MI) NW OF WILLIS MTN.

LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF W SIDE OF STATE ROAD 774 ABOUT 1.37 KM (0.85 MI) BY ROAD S OF ITS INTERSECTION WITH U.S. HIGHWAY 15.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU CU AG PYR TE

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... CU AG PYR TE

## ORE MATERIALS (MINERALS, ROCKS, ETC.):

NATIVE GOLD, CHALCOPYRITE, NATIVE SILVER, PYRITE, PYRRHOTITE, TELLURIUM

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 CHALCOPYRITE

## ANALYTICAL DATA(GENERAL)

IT WAS REPORTED THAT THE ORE WAS TREATED IN A HOWLAND MILL AND YIELDED \$13.00 PER TON.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1835  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1835  
 PRESENT/LAST OPERATOR.... ?

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1852 DIREXPL W.M. MOSELEY AND CO. AND GARNETT MINING CO.:  
 2) 1880 DIREXPL MORROW MINING CO.:  
 3) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

REPORTS AVAILABLE:  
 THE VIRGINIAS, 1880, P. 31; 1882 P. 175; U.S. BUREAU OF MINES MINERALS  
 YEARBOOK, 1939, P. 321

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS ALREADY IN THE PROCESS OF DEVELOPMENT IN 1835. IN ITS EARLY HISTORY IT WAS FIRST CALLED THE BOOKER MINE. LATER THE MINE WAS WORKED AS TWO SEPARATE MINES, THE GARNETT AND THE MOSELEY. BY THE GARNETT MINING CO. AND W.M. MOSELEY AND CO. RESPECTIVELY. IN 1852 THEY WERE CONSOLIDATED UNDER ONE MANAGEMENT AND INCORPORATED. FOR SEVERAL YEARS AFTER THIS THE PROPERTY WAS CONTROLLED BY AN ENGLISH COMPANY. IN 1880 THE MINE WAS WORKED BY THE MORROW MINING CO. AND THEREAFTER WAS REFERRED TO AS THE MORROW MINE. IN 1938 THE MINE WAS OPERATED FOR MOST OF THE YEAR AND THE BULLION WAS SHIPPED TO THE PHILADELPHIA MINT AND CONCENTRATES WERE SHIPPED TO CARTERET, N.J. WHILE THE GARNETT AND MOSELEY MINES WERE BEING WORKED SEPARATELY THERE WERE TWO SMALL MILLS IN OPERATION. IN 1854, SOON AFTER THE ENGLISH COMPANY HAD BOUGHT THE MINE. A NEW MILL WITH 72 STAMPS WAS IN OPERATION, REPLACING THE 24 STAMPS THAT HAD PREVIOUSLY BEEN EMPLOYED. AND THE AMALGAMATION WAS PERFORMED ON TWO SETS OF SHAKING TABLES. IN 1865 CREDNER FOUND TWO MILLS ON THE PROPERTY ONE CONTAINING 4 SHAKING TABLES, NEARLY NEW, AND A VERY LARGE BALL CRUSHER WHICH HAD NOT BEEN USED THE OTHER WITH 12 BATTERIES OF 3 STAMPS EACH, 72 SHAKING TABLES, ARRANGED IN 2 SYSTEMS, AND CHILIAN MILLS. IN LATER YEARS, A HOWLAND MILL WAS USED TO PULVERIZE THE ORE AND THE SULPHIDES WERE CONCENTRATED ON 2 VANNERS. AN ATTEMPT WAS MADE IN 1893-4 TO TREAT THE SULPHIDES BY THE MEARS CHLORINATION PROCESS, BUT IT IS SAID TO HAVE FAILED BECAUSE OF MECHANICAL DEFECTS IN THE PROCESS USED, THOUGH A SATISFACTORY EXTRACTION OF THE GOLD WAS OBTAINED. PLACER OPERATIONS WERE ALSO CONDUCTED NEAR THE VEINS DURING ITS EARLY HISTORY. A NUGGET OF NEARLY 9 POUNDS, BESIDES MANY MASSES OF A FEW OUNCES EACH WERE MIXED WITH GRAINS OF GOLD IN THE BED OF A RIVULET IMMEDIATELY SOUTH OF THE MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 VEIN ESTIMATED TO BE OVER 9.1 M WIDE AND OVER 183 M LONG. MINE CONTAINED LENTICULAR VEINS OR CONCRETIONS OF WHITE QUARTZ, CARRYING IRON OXIDE, PYRITE, AND GOLD. IN SOME PLACES THESE GOLD-BEARING BEDS WERE CUT OFF BY DOMES AND RIDGES OF DIORITE, WHICH WAS TOTALLY BARREN OF GOLD. WHEN THE MINE WORKINGS STRUCK THIS DIORITE THEY WERE STOPPED.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 LENGTH OF WORKINGS..... 106.7 M

COMMENTS(DESCRIP. OF WORKINGS):  
 ORIGINALLY MINE WAS OPERATED AS AN OPEN CUT TO A DEPTH OF 9 M (30 FT) AND FOR A DISTANCE OF OVER 366 M (1200 FT). BY 1853, 5 SHAFTS HAD BEEN SUNK TO AN AVERAGE DEPTH OF 30.5 M (100 FT), AND CONNECTED BY DRIVES 107 M (350 FT) IN LENGTH. THE VEIN HAD BEEN PROVED FOR OVER 0.8 KM (0.5 MI) BY 4 OR 5 SHAFTS 9 TO 15 M (30 TO 50 FT) DEEP, AND BY AS MANY AS 50 SURFACE CUTS. LATER DEVELOPMENT WORK EXTENDED THE UNDERGROUND WORKINGS, AND A GOOD DEAL OF STOPING WAS DONE, BUT NONE OF THE SHAFTS SEEM TO HAVE BEEN CARRIED BELOW 35 M (115 FT) IN 1974, 3 CAVED SHAFTS, 35 CAVED PITS, AN OPEN CUT, TRENCH AND DUMPS WERE REPORTED.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1	AU	ACC 00.09792	TOZ	1850	PURE GOLD
2	AU	ACC 00.10849	TOZ	1851	PURE GOLD
3	AU	ACC 00.05136	TOZ	1852	PURE GOLD

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15	AU	ACC 00.25777	TROY OZ	1850-1852	PURE AU

SOURCE OF INFORMATION (PRODUCTION).. TABER, S., (1913) P. 200

PRODUCTION COMMENTS..... OVER \$60,000 REPORTEDLY RECOVERED FROM PLACER WASHINGS NEAR VEINS, ACCORDING TO TABER (1913).

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, PYRITE, PYRRHOTITE, TETRADYMIT, GARNET, CALCIUM-IRON CARBONATE, MAGNETITE, BIOTITE.  
 IMPORTANT ORE CONTROL/LOCUS... IN QUARTZ VEINS, UNALTERED OR WITH SULFIDES.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
 OPALESCENT QUARTZ EYES IN SCHIST, WHICH SHOWS BANDING, USUALLY GARNETIFEROUS; GARNETS ARE GRANULAR AGGREGATES

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA; VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) LUTTRELL, G.W., 1966, BASE-AND-PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA; VA. DIV. OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA., E. P. BELL CO., 618 P.
- 5) CREDNER, HERMANN, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., 1869, VOL. VII, P. 73
- 6) HAMMETT A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., P. 43-53.

MORTON MINE

RECORD IDENTIFICATION  
 RECORD NO..... W028975  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LE VAN, HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MORTON MINE  
 SYNONYM NAME..... HOBSON MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.

LATITUDE LONGITUDE  
 37-37-22N 078-24-27W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4166920. 728800. +17

ALTITUDE.. 480 FT (146 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 0.72 KM (0.45 MI) W OF JOHNSON STATION (NOW DESERTED).

LOCATION COMMENTS: 0.3 KM (0.2 MI) ALONG A WOODS ROAD OFF SE SIDE OF STATE ROAD 622 ABOUT 0.08 KM (0.05 MI) BY ROAD E OF ITS INTERSECTION WITH STATE ROAD 676.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1906 DIREXPL 2 SHAFTS SUNK, BOTH APPARENTLY NON-PRODUCTIVE.  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED.

EXPLOR. AND DEVELOP. COMMENTS:

THIS IS REPORTED TO HAVE BEEN THE FIRST MINE OPENED IN THE COUNTY, KNOWN THEN AS THE HOBSON MINE. PLACER OPERATIONS WERE CARRIED ON IN THE EARLY DAYS. IN 1865, 3 PARALLEL VEINS HAD BEEN OPENED TO A DEPTH OF 7.6 TO 9 M (25 TO 30 FT) (THE VEINS WERE FROM 1 TO 3 M (3 TO 10 FT) AND IN SOME PLACES EVEN 6 M (20 FT) WIDE. IN 1906, TWO SHAFTS WERE SUNG, BUT IT IS DOUBTFUL THERE WAS MUCH, IF ANY, GOLD FOUND.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 6 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 3 PARALLEL VEINS WERE EXPOSED TO A MAXIMUM DEPTH OF 9 M (30 FT) { THE VEINS CONSIST OF GRANULAR MASSIVE QUARTZ CARRYING IRON OXIDE AND FREE GOLD. ONE OF THESE VEINS IS SAID TO BE A CONTINUATION OF THE LONDON AND VIRGINIA VEIN.

DESCRIPTION OF WORKINGS  
 DEPTH OF WORKINGS BELOW SURFACE. 9 M

COMMENTS(DESCRIP. OF WORKINGS):  
 3 SHALLOW PITS REPORTED 1974: 3 VEINS DEVELOPED TO A DEPTH OF 7.6 M TO 9.1 M PRIOR TO 1865. IN 1906, TWO SHAFTS WERE SUNS TO A MAXIMUM DEPTH OF 9 M (30 FT).

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZITE, QUARTZ-SERICITE SCHIST  
 AGE OF ASSOC. IGNEOUS ROCKS.. PAL  
 IGNEOUS ROCK TYPES..... FELSITE  
 PERTINENT MINERALOGY..... QUARTZ, FELDSPAR, OPALESCENT BLUE QUARTZ EYES, ILMENITE, PYRITE, IRON OXIDE  
 IMPORTANT ORE CONTROL/LOCUS.. WITHIN VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 IN LINE OF STRIKE OF THE LONDON AND VIRGINIA MINE VEIN, VEIN LIES JUST W OF ARVONIA SLATE BELT.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VA. DIV. OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
 4) CREDNER, H., REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., 1869, VOL. VII, P. 58.

MOSELEY MINE (See Morrow Mine)

PHILADELPHIA MINE

RECORD IDENTIFICATION  
 RECORD NO..... W029535  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME..... PHILADELPHIA MINE  
 SYNONYM NAME..... ALLEN MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.  
 LATITUDE LONGITUDE  
 37-33- N 078-28- W  
 UTM NORTHING UTM EASTING UTM1ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: NEAR THE LONDON AND VIRGINIA MINE, EXACT LOCATION NOT KNOWN; IN VICINITY OF DILLWYN.  
 LOCATION COMMENTS: ACCORDING TO CAMPBELL (1882) LOCATED 1 OR 2 MI SW OF OLD ELDRIDGE DIGGINGS.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1881  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1881 (?)

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1881 DIREXPL DEVELOPED DEPOSIT  
 2) 1974 RECON VA. DIV. MIN. RES. MINE NOT LOCATED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, DISSEMINATED  
 FORM/SHAPE OF DEPOSIT: LINEAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.2 M  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 VEIN REPORTED TO BE 1.2 M (4 FT) WIDE

DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP. OF WORKINGS):  
 NO WORKINGS DESCRIBED OR LOCATED

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, QUARTZITE  
 PERTINENT MINERALOGY..... QUARTZ, PYRITE  
 IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 A LEAD OF MAGNETITE AND HEMATITE IS (SPECULAR) REPORTED A FEW HUNDRED FEET AWAY.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) CAMPBELL, J.L., 1882, GEOLOGY AND MINERAL RESOURCES OF THE JAMES RIVER VALLEY, VIRGINIA: NEW YORK, G.P. PUTNAM'S SONS, 119 P.

ROUGH AND READY MINE

RECORD IDENTIFICATION  
 RECORD NO..... W028995  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... ROUGH AND READY MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 DILLWYN, VA.  
 LATITUDE LONGITUDE  
 37-37-01N 078-24-41W

UTM NORTHING 4166270. UTM EASTING 728470. UTM ZONE NO +17  
 ALTITUDE.. 475 FT (145 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 0.75 MI (1.21 KM) SW OF JOHNSON STATION (NOW DESERTED).

LOCATION COMMENTS: 0.25 MI (0.40 KM) OFF SE SIDE OF STATE ROAD 676 ABOUT 0.3 MI (0.5 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 622

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION: PRE CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL MINE DEVELOPED PRIOR TO 1861  
 2) 1879 DIREXPL VEIN UNCOVERED (6 FT WIDE)  
 3) 1974 RECON VA. DIV. MIN. RES., MINE RE-LOCATED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.8 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 PIT OPENED ON PROPERTY IN 1879 DISCLOSED A VEIN 1.8 M (6 FT) WIDE.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 SHAFT WAS SUNK PRIOR TO CIVIL WAR ON A QUARTZ VEIN CARRYING PYRITE IN 1879. A PIT OPENED A VEIN WHICH SHOWED GOLD ON PANNING. IN 1974, 2 SHALLOW TRENCHES, ONE SHALLOW PIT AND SMALL DUMP PILES WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ VEIN, SCHIST (7)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAME/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 QUARTZ VEIN CARRYING PYRITE.

GENERAL COMMENTS  
 MINE ABOUT 0.5 MI (0.7 KM) SSW OF MORTON MINE.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 58.

SEAY MINE

RECORD IDENTIFICATION  
 RECORD NO..... WO28983  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE..... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... SEAY MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE 1: 24000 QUAD NO OR NAME WILLIS MOUNTAIN, VA.

LATITUDE 37-29-50N LONGITUDE 078-29-46W

UTM NORTHING 4152770. UTM EASTING 721350. UTM ZONE NO +17

ALTITUDE.. 550 FT (168 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.3 MI (3.7 KM) NW OF WILLIS MOUNTAIN.

LOCATION COMMENTS: JUST SE OF TONGUE QUARTER CREEK ABOUT 0.4 MI (0.6 KM) OFF NW SIDE OF STATE ROAD 774 ABOUT 0.85 MI (1.37 KM) BY ROAD SOUTH OF JUNCTION WITH U.S. HWY. 15.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1855  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION: 1855

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1855 DIREXPL PLACER MINING AND SMALL SHAFTS SUNK  
 2) DIREXPL 46 M (150 FT) SHAFT SUNK AFTER CIVIL WAR  
 3) 1974 RECON VA. DIV. MIN. RES., MINE RELOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 PLACER GRAVELS AND SMALL CUTS WORKED PRIOR TO CIVIL WAR. CREDNER (1868) REPORTS 6 CUTS AND 2 SHAFTS, EACH 9 M (30 FT) DEEP, ON THE PROPERTY ALSO AN OLD MILL IN RUINS ON THE BANK OF A SMALL STREAM WHICH HAD BEEN DESERTED FOR 12 YEARS. AFTER THE CIVIL WAR A 46 M (150 FT) SHAFT WAS SUNK, BUT NO FURTHER WORK WAS DONE. IN 1910 IT WAS OWNED BY THE OWNER OF THE MORROW MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 QUARTZ VEINS CONTAINING PYRITE AND GOLD.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 46 M  
 LENGTH OF WORKINGS..... 64 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, TEN CAVED PITS AND TRENCH CUTS AND DUMPS EVIDENT. 3 SHAFTS REPORTEDLY WERE SUNK IN THE 1800'S. 2 WERE 9 M (30 FT) DEEP, THE THIRD WAS 46 M (150 FT) DEEP.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

COMMENTS (GEOLOGY AND MINERALOGY):  
 HOST ROCK TYPE FROM DESCRIPTION OF MORROW MINE.

GENERAL COMMENTS  
ADJOINS MORROW MINE TO THE SOUTHEAST.

GENERAL REFERENCES  
1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
3) CREONER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 105.

**STAPLES MINE (See Burnett Mine)**

**TURPIN CREEK MINE**

RECORD IDENTIFICATION  
RECORD NO. .... W031167  
RECORD TYPE ..... XIM  
INFORMATION SOURCE... 35  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..  
  
REPORTER  
NAME ..... TRIMB  
LE, DAVID C. (SWEET, PALMER C.)  
AFFILIATION ..... VDMR  
DATE ..... 81  
05

NAME AND LOCATION  
DEPOSIT NAME ..... TURPIN CREEK MINE  
SYNONYM NAME ..... AGEE TRACT, GOLD TRACT  
  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
  
COUNTRY CODE ..... US  
  
STATE CODE ..... VA  
  
COUNTY ..... BUCKINGHAM  
DRAINAGE AREA ..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
LAND CLASSIFICATION. .... 30

QUAD SCALE QUAD NO OR NAME  
1: 24000 DILLWYN, VA. (1968)  
  
LATITUDE LONGITUDE  
37-34-07N 078-28-41W  
  
UTM NORTHING UTM EASTING UTM ZONE NO  
4160750 722745 +17  
  
ALTITUDE.. 155 M

ACCURACY OF LOCATION  
ACCURATE  
  
POSITION FROM NEAREST PROMINENT LOCALITY: 3.5 KM (2.2 MI) NORTHWEST OF DILLWYN.

LOCATION COMMENTS: 110 M (361 FT) NORTHEAST ON STATE ROAD 1010 FROM ITS INTERSECTION WITH U.S. ROUTE 15, TURN NORTHWEST ON DIRT ROAD AND FOLLOW IT NORTHWARD FOR APPROXIMATELY 2.4 KM (1.5 MI), TURN NORTHWEST FOLLOWING DIRT ROAD TO ITS END, ABOUT 0.3 KM (0.2 MI), MINE IS JUST INSIDE WOODS, ABOUT 46 M (150 FT). THIS AREA IS CURRENTLY BEING DEVELOPED FOR A STATE CORRECTIONAL INSTITUTION.

COMMODITY INFORMATION  
COMMODITIES PRESENT ..... AU PYR FE

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU  
  
OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL .....  
OCCURRENCE ..... PYR FE

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD (?), PYRITE, LIMONITE, MAGNETITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY ..... 1836 OR BEFORE  
NATURE OF DISCOVERY ..... A  
YEAR OF FIRST PRODUCTION. 1836 OR BEFORE  
PRESENT/LAST OWNER ..... COMMONWEALTH OF VIRGINIA

EXPLOR. AND DEVELOP. COMMENTS:  
PROPERTY WAS MINED IN 1836 OR BEFORE BASED ON AN 1836 LAND PLAT WHICH CONTAINS THE MINE. PRODUCTION IS UNDETERMINED, BUT IT WAS PROBABLY SMALL.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN, SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LENS (?)

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT ..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
ONE OPEN CUT AND AT LEAST 10 PITS AND SHAFTS WERE SEEN IN 1981. THE OPENINGS AVERAGED 4.6 M (15 FT) IN DIAMETER AND UP TO 2.4 M (8 FT) DEEP. OTHERS OPENINGS SHOWN EXTENDING TO THE NORTHEAST AND SOUTHWEST ON THE LAND PLAT WERE NOT LOCATED. ONE TRENCH ABOUT 12 M (40 FT) LONG WAS ALSO SEEN.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... EPAL  
HOST ROCK TYPES ..... SCHIST  
  
PERTINENT MINERALOGY ..... QUARTZ, MICA  
  
IMPORTANT ORE CONTROL/LOCUS.. VEIN

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING ..... PIEPMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

1) AGEE, LOUIS, N., - PERSONAL COMMUNICATION  
2) ECONOMIC GEOLOGY FILE (BUCKINGHAM COUNTY) - VIRGINIA DIVISION OF MINERAL RESOURCES.  
3) EARL GREGG SWEM LIBRARY, COLLEGE OF WILLIAM AND MARY, WILLIAMSBURG, VIRGINIA, LAND PLAT SHOWING THE JOSEPH AGEE TO ROBERT SHAW LAND SALE, 1836, IN AUSTIN-TWYMAN PAPERS, FOLDER 393.  
4) VIRGINIA STATE LIBRARY, PATENT BOOK #34, P. 249, 1756-1762, SHOWING LAND PATENTED TO MATHIEU AGEE.

**WILLIAMS MINE**

RECORD IDENTIFICATION  
RECORD NO. .... W028984  
RECORD TYPE ..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE ..... 79  
06

NAME AND LOCATION  
DEPOSIT NAME ..... WILLIAMS MINE  
  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
STATE NAME: VIRGINIA

COUNTY ..... BUCKINGHAM  
DRAINAGE AREA ..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
LAND CLASSIFICATION. .... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 DILLWYN, VA.  
  
LATITUDE LONGITUDE  
37-32-40N 078-28-28W  
  
UTM NORTHING UTM EASTING UTM ZONE NO  
4158070 723130 +17

ALTITUDE.. 635 FT (194 M)  
POSITION FROM NEAREST PROMINENT LOCALITY: 0.95 MI (1.53 KM) W OF DILLWYN.

LOCATION COMMENTS: 0.05 MI (0.08 KM) OFF NW SIDE OF U.S. HWY 15 AND ABOUT 0.05 MI (0.08 KM) BY ROAD NE OF JUNCTION WITH VA. 20.

COMMODITY INFORMATION  
COMMODITIES PRESENT ..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU  
  
OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL .....  
OCCURRENCE ..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
PYRITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY ..... PRE-1900  
NATURE OF DISCOVERY ..... A  
YEAR OF FIRST PRODUCTION. PRE-1900



# CAMPBELL COUNTY

















VIRGINIA

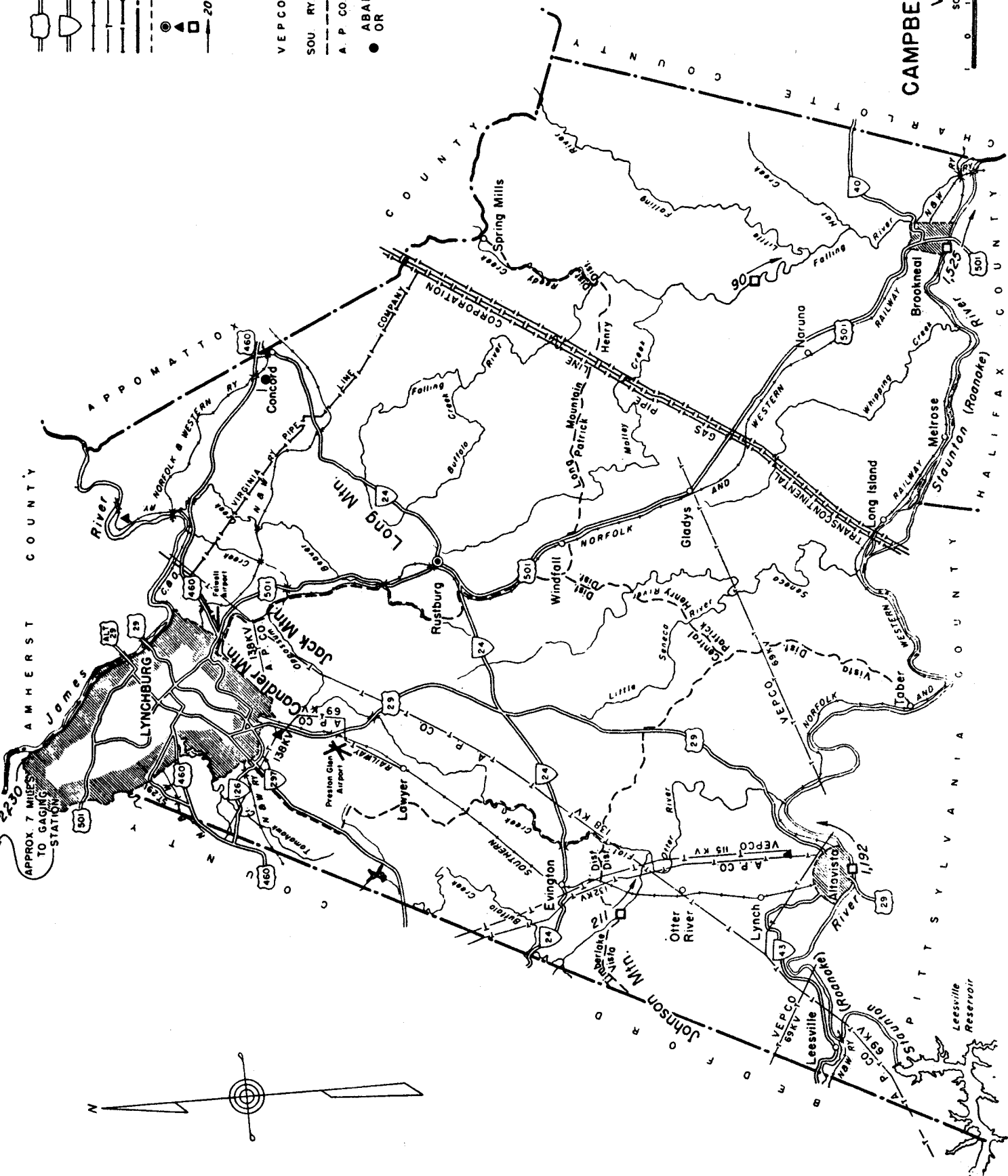
SCALE OF MILES

0 1 2 3 4

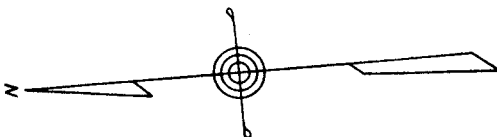
1970

## LEGEND

-  U.S. NUMBERED HIGHWAYS
-  VIRGINIA PRIMARY HIGHWAYS
-  RAILROADS
-  TRANSMISSION LINES
-  NATURAL GAS LINES
-  COUNTY BOUNDARY
-  CORPORATE LIMITS
-  COUNTY SEAT
-  POWER SUBSTATION
-  STREAM GAGING STATION
-  DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
-  V.E.P.C.O. VIRGINIA ELECTRIC AND POWER COMPANY
-  S.O.U. R.Y. SOUTHERN RAILWAY
-  MAGISTERIAL DISTRICT LINE
-  A.P.CO APPALACHIAN POWER CO.
-  ABANDONED GOLD MINE OR PROSPECT



APPROX 7 MILES TO GAGING STATION



CAMPBELL COUNTY

1. Concord

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PROSPECTED, RESULTS UNCLER.  
 2) 1911 DIREXPL SUNK SHAFT TO DEVELOP PYRITE.  
 3) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):

PROBABLY CONTINUATION OF LONDON AND VIRGINIA VEIN. THOUGH EXPLORATION IN 1911 WAS FOR PYRITE, IT APPEARS THAT THERE IS LESS SULFIDE THAN AT LONDON AND VIRGINIA AND BUCKINGHAM MINES.

DESCRIPTION OF WORKINGS

LENGTH OF WORKINGS..... 15. M

COMMENTS(DESCRIP. OF WORKINGS):  
 ABOUT 1911 A 15 M (50 FT) SHAFT WAS SUNK. IN 1974, THREE WATER-FILLED SHAFTS, EIGHT CAVED PITS AND TRENCHES, AND DUMPS WERE EVIDENT.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, METAQUARTZITE

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE), TITANITE

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 GEOLOGY SIMILAR TO BUCKINGHAM MINE.

GENERAL COMMENTS

LOCATED 1 KM (0.6 MI) SW OF BUCKINGHAM MINE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

**WILLIS CREEK MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W028985  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION

DEPOSIT NAME..... WILLIS CREEK MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... BUCKINGHAM  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 31

QUAD SCALE QUAD NO OR NAME  
 1: 24000 ANDERSONVILLE, VA.

LATITUDE LONGITUDE  
 37-26-27N 078-37-14W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4146230 710500 +17

ALTITUDE.. 590 FT (180M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.85 MI (6.20 KM) SW OF ANDERSONVILLE.

LOCATION COMMENTS: ON A TRIBUTARY TO THE WILLIS RIVER, 0.6 MI (1.0 KM) OFF NORTH SIDE OF STATE ROAD 636, ABOUT 0.25 MI (0.40 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 614. IN APPOMATTOX-BUCKINGHAM STATE FOREST

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... POST-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION.. POST-CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1881 DIREXPL DEVELOPING, RESULTS UNKNOWN  
 2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

DESCRIPTION OF DEPOSIT

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 SUPPOSEDLY ON SAME LODE AS PHILADELPHIA MINE.

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974 SEVERAL SHALLOW TRENCHES VISIBLE.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... METAQUARTZITE, QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

GEOLOGY AND MINERALOGY DESCRIBED ABOVE DERIVED FROM DESCRIPTION OF BONDURANT MINE, 1.9 MI (3.1 KM) NE OF WILLIS CREEK MINE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) CAMPBELL, J.L., 1882, GEOLOGY AND MINERAL RESOURCES OF THE JAMES RIVER VALLEY, VIRGINIA: NEW YORK, G.P. PUTNAM'S SONS, 119P.
- 3) WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.

**WISEMAN MINE (See Buckingham Mine)**

**CAMPBELL COUNTY**

**CONCORD MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W031168  
 RECORD TYPE..... XIM  
 INFORMATION SOURCE... 23  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... TRIMB  
 LE, DAVID C. (SWEET, PALMER C.)  
 AFFILIATION..... VDMR  
 DATE..... 81  
 03

NAME AND LOCATION

DEPOSIT NAME..... CONCORD MINE

COUNTRY CODE..... US

STATE CODE..... VA

COUNTY..... CAMPBELL  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

## VIRGINIA DIVISION OF MINERAL RESOURCES

QUAD SCALE QUAD NO OR NAME  
1: 24000 CONCORD, VA. (1968)

LATITUDE LONGITUDE  
37-20-48N 078-59-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
4135030 678060 +17

ALTITUDE.. 257 M

ACCURACY OF LOCATION  
ACCURATE

POSITION FROM NEAREST PROMINENT LOCALITY: 1.2 KM (0.75 MI) WEST OF CONCORD.

LOCATION COMMENTS: 270 M (886 FT) WEST OF CONCORD LAKE AND 0.47 KM (0.3 MI) SOUTH OF U.S. ROUTE 460. 1.9 KM (1.2 MI) NORTHWEST ON STATE ROAD 646 FROM ITS INTERSECTION WITH STATE ROAD 24 TO A DIRT ROAD ON THE NORTHEAST SIDE OF THE ROAD, FOLLOW DIRT ROAD UP TO HOUSE, ABOUT 0.5 KM (0.3 MI), SITE OF ONE SHAFT IS ABOUT 95 M (312 FT) SOUTHEAST OF THE HOUSE.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL .....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE CIVIL WAR  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... MR. MOODY (HE IS NOT PRESENT OWNER)

EXPLOR. AND DEVELOP. COMMENTS:  
MINE WAS REPORTED TO HAVE BEEN WORKED BEFORE THE CIVIL WAR, IN THE 1920'S, 1930'S, AND 1940'S. IT WAS SHUTDOWN IN THE EARLY 1940'S DUE TO FLOODING IN THE MINE WORKINGS. AMOUNT OF PRODUCTION IS UNKNOWN, BUT SMALL.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
LODE  
FORM/SHAPE OF DEPOSIT: IRREGULAR ?

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
MINE CONSISTED OF A NUMBER OF SHAFTS AND PITS. ONE SHAFT WAS 12 TO 15 M (40 TO 50 FT) DEEP, BUT WAS RECENTLY FILLED IN BY MR. MOODY. THIS WAS THE ONLY WORKING FOUND, EXCEPT FOR SEVERAL POSSIBLE PROSPECT PITS. LOCAL RESIDENTS SAID SOME SHAFTS HAD DRIFTS LEADING OFF FROM THEM.

## PRODUCTION

YES  
SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... PHYLLITE, SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CANDLER FORMATION  
AGE: EPAL

## GENERAL COMMENTS

NOT MUCH INFORMATION AVAILABLE ON THIS MINE.

## GENERAL REFERENCES

- 1) ECONOMIC GEOLOGY FILE - VIRGINIA DIVISION OF MINERAL RESOURCES
- 2) MR. MOODY - PERSONAL COMMUNICATION, 1981.

## CARROLL COUNTY

## WOODLAWN PROSPECT

RECORD IDENTIFICATION  
RECORD NO..... W030544  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

## REPORTER

NAME..... MEINT  
ZER (P.C. SWEET), ROBERT E.  
DATE..... 80  
05

NAME AND LOCATION  
DEPOSIT NAME..... WOODLAWN PROSPECT

MINING DISTRICT/AREA/SUBDIST. NATIVE LEAD/SOUTHERN SECTION-BLUE RIDGE PROVINCE

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... CARROLL  
DRAINAGE AREA..... 05 NEW RIVER  
PHYSIOGRAPHIC PROV..... 02 BLUE RIDGE  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 WOODLAWN, VA

LATITUDE LONGITUDE  
36-43-09N 080-49-55W

UTM NORTHING UTM EASTING UTM ZONE NO  
4063540. 515020. +17

ALTITUDE.. 2410 FT (735M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.8 KM (0.5MI) WSW OF WOODLAWN.

LOCATION COMMENTS: 300 M (1000 FT) NE OF STATE ROAD 822, 0.5 KM (0.3MI) BY ROAD NW OF JUNCTION WITH U.S. HWY. 58/221.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

MAIN COMMOD..... AU  
MINOR COMMOD..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
AURIFEROUS PYRITE

MAIN ORE MINERALS:  
AURIFEROUS PYRITE

## ANALYTICAL DATA

SOURCE REFERENCE.. FONTAINE (1884, P.9)

ANALYTICAL DATA(GENERAL)  
AU ASSAYED AT \$ .60/TON.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A

## WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL PROSPECTED FOR CU WITH NEGATIVE RESULTS.
  - 2) 1975 RECON VA. DIV. MIN. RES: INSPECTED SITE

## EXPLOR. AND DEVELOP. COMMENTS:

THIS DEPOSIT WAS ORIGINALLY PROSPECTED FOR COPPER. FONTAINE (1884) REPORTED THAT GOLD MAY HAVE BEEN OBTAINED AND, FURTHERMORE, ASSAYED FOR GOLD.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL (?)

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS(DESCRIP. OF WORKINGS):

PITS AND TUNNEL DUG DURING 1850'S; NONE VISIBLE IN 1975.

## PRODUCTION

NO PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PREC

HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND, BLUE RIDGE ANTICLINORIUM  
TECTONIC SETTING..... OROGEN

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: LYNCHBURG FORMATION  
AGE: PREC

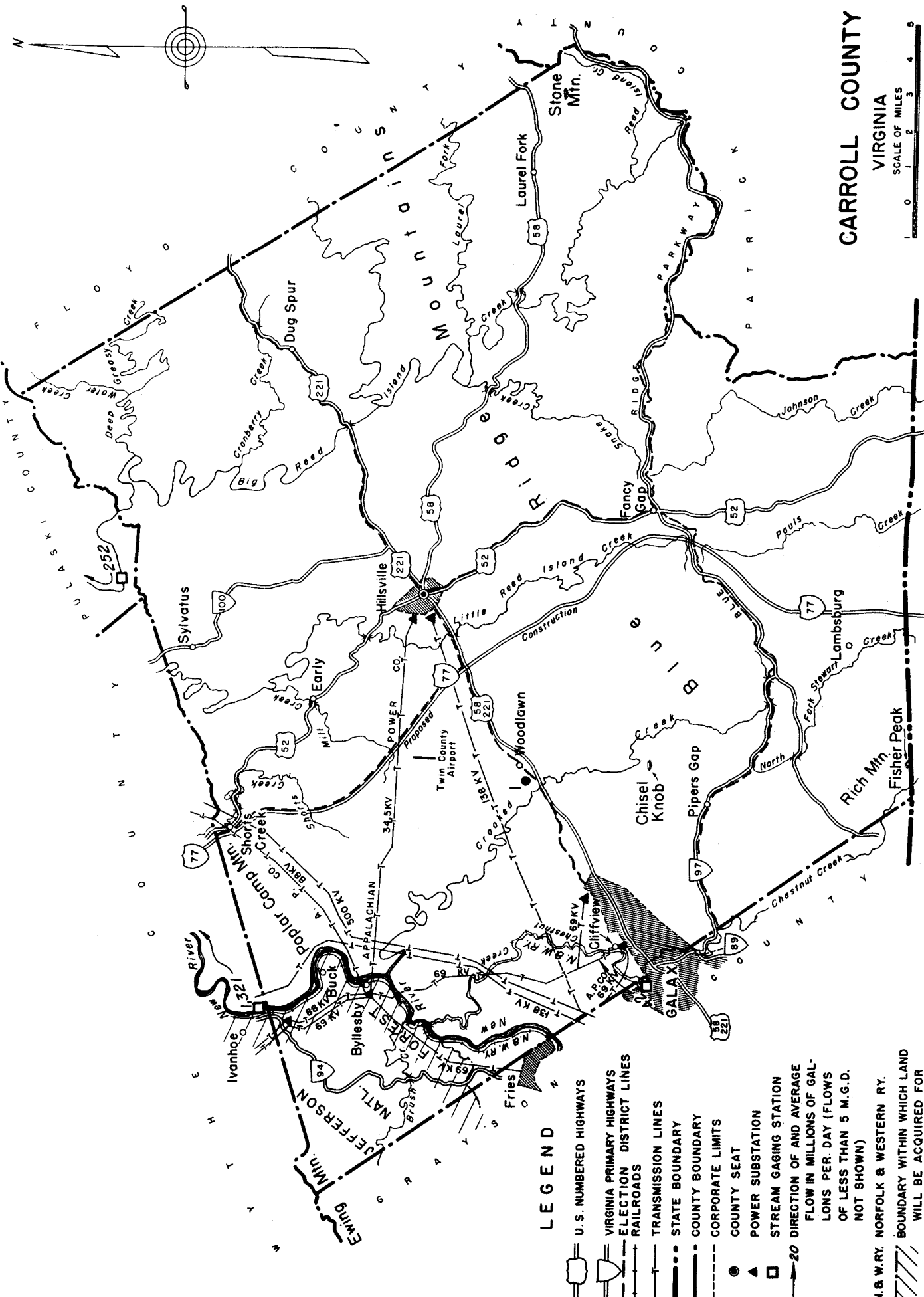
## GENERAL REFERENCES

- 1) FONTAINE, W.M., 1883-84, NOTES ON THE GEOLOGY AND MINERAL RESOURCES OF THE FLOYD, VA., PLATEAU: THE VIRGINIAS, V.4, P.167, 178-180, 185-192; V.5, P.8-12.
- 2) STOSE, A.J., AND STOSE, G.W., 1957, GEOLOGY AND MINERAL RESOURCES OF THE GOSSAN LEAD DISTRICT AND ADJACENT AREAS IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES BULLETIN 72, 233 P.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 19, 77 P.

# CARROLL COUNTY

VIRGINIA

SCALE OF MILES



## LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- ELECTION DISTRICT LINES
- RAILROADS
- TRANSMISSION LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- N.S.W.R.Y. NORFOLK & WESTERN R.Y.
- BOUNDARY WITHIN WHICH LAND WILL BE ACQUIRED FOR NATIONAL FORESTS
- ABANDONED GOLD MINE OR PROSPECT

NORTH CAROLINA

N.S.W.R.Y. NORFOLK & WESTERN R.Y.  
BOUNDARY WITHIN WHICH LAND WILL BE ACQUIRED FOR NATIONAL FORESTS

● ABANDONED GOLD MINE OR PROSPECT

CARROLL COUNTY

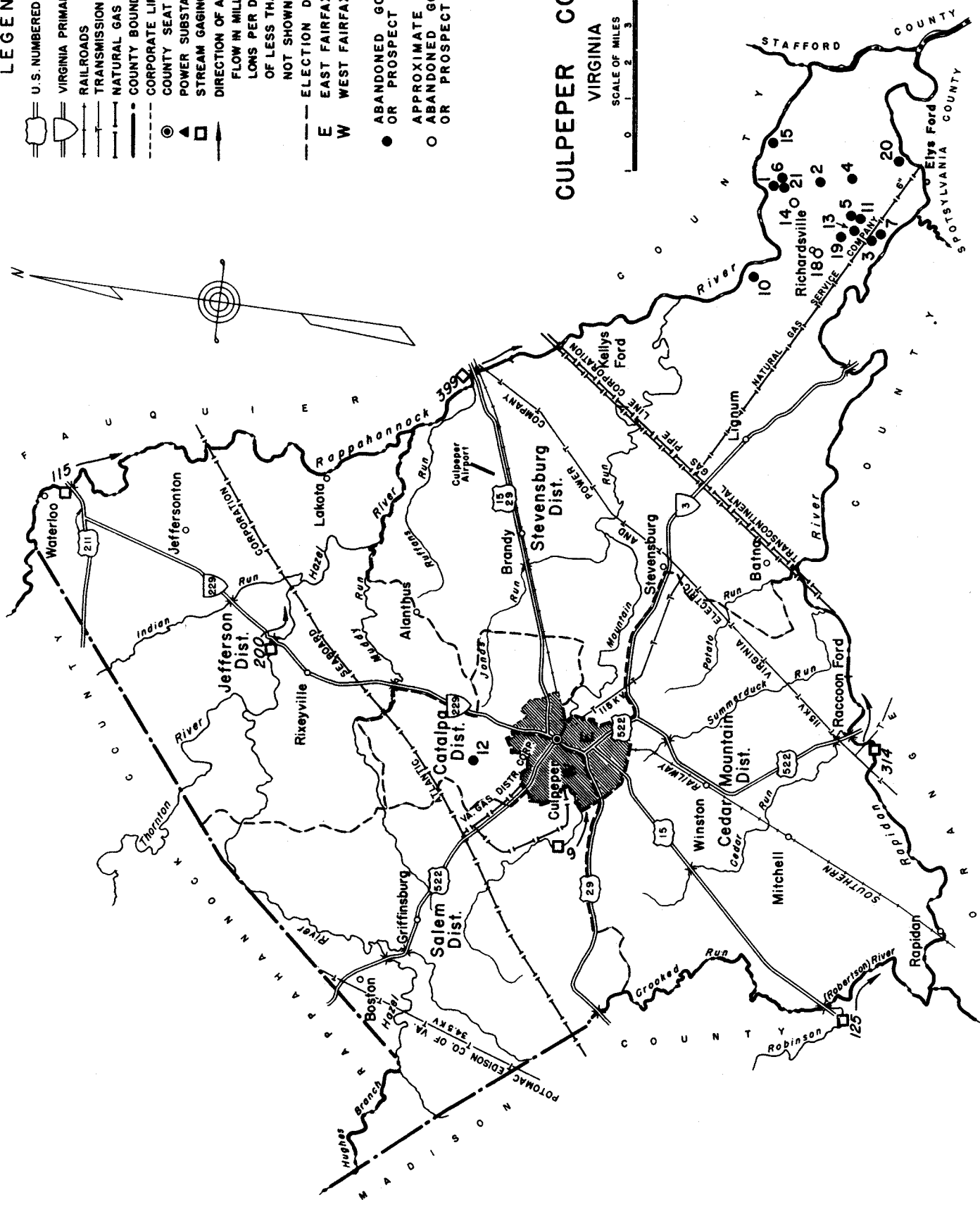
1. Woodlawn

**LEGEND**

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- ELECTION DISTRICT LINE
- E EAST FAIRFAX DISTRICT
- W WEST FAIRFAX DISTRICT
- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

**CULPEPER COUNTY**

VIRGINIA



## CULPEPER COUNTY

- |                                     |                        |
|-------------------------------------|------------------------|
| 1. Childsburg (Childsbury)          | 12. Hill               |
| 2. Cromarty                         | 13. Love               |
| 3. Culpeper (Hempstead)             | 14. Milbank (Millbank) |
| 4. Dry Bottom                       | 15. Morgana (Morganna) |
| 5. Eagle                            | 18. Richardsville      |
| 6. Ellis (Eley)                     | 19. Rossin's           |
| 7. Embrey (Embry, Embry and Brooks) | 20. Smith Tract        |
| 10. Field's                         | 21. Urquhart           |
| 11. Greeley, Horace                 |                        |



**CULPEPER COUNTY**

**CHILDSBURG PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. W030545  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1.3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME CHILDSBURG PROSPECT  
 SYNONYM NAME CHILDSBURG PROSPECT  
 MINING DISTRICT/AREA/SUBDIST GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY CULPEPER  
 DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV O2 PIEDMONT  
 LAND CLASSIFICATION O1  
 QUAD SCALE QUAD NO OR NAME  
 1 24000 RICHARDSVILLE, VA  
 LATITUDE LONGITUDE  
 38-24-59N 077-42-16W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4255260 263870 +1R  
 ALTITUDE 305 FT (93M) & 260 FT (79M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 2.0 MI (3.2KM) NE OF RICHARDSVILLE.  
 LOCATION COMMENTS: 1.0 MI (1.6KM) NORTH OF STATE ROAD 619 ABOUT 0.8 MI (1.3KM) BY ROAD EAST OF JUNCTION WITH STATE ROAD 701. ALSO AT UTM NORTHING 4255360. AND EASTING 264360. ZONE +1R.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU  
 MAIN COMMODITY AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 NO REPORT AS TO PRODUCTION OR ORE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL NO REPORT  
 2) 1974 RECON VA. DIV. MIN. RES. LOCATED MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN

DESCRIPTION OF WORKINGS

SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SEVERAL SMALL TRENCH CUTS EVIDENT.

PRODUCTION  
 NO PRODUCTION

PRODUCTION COMMENTS: NO PRODUCTION FIGURES LOCATED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS EPAL (?)  
 HOST ROCK TYPES SCHIST, SLATE  
 PERTINENT MINERALOGY QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY

MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: (CHOPAWAMSI FORMATION ?)  
 AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK GEOLOGY NOT DESCRIBED. NO MODERN GEOLOGIC WORK HAS BEEN DONE IN THIS AREA. LONSDALE (1927) IS LATEST WORK.

GENERAL COMMENTS  
 LONSDALE (1927) DOES NOT LIST THIS MINE.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERALS RESOURCES, PUBLICATION 19, 77 P  
 2) SCHEEL, E.M., 1975, CULPEPER COUNTY HISTORICAL MAP.  
 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110P.

**CHILDSBURY PROSPECT (See Childsburg Prospect)**

**CROMARTY MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030546  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1.3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME CROMARTY MINE  
 MINING DISTRICT/AREA/SUBDIST GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY CULPEPER  
 DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV O2 PIEDMONT  
 LAND CLASSIFICATION O1

QUAD SCALE QUAD NO OR NAME  
 1 24000 RICHARDSVILLE, VA  
 LATITUDE LONGITUDE  
 38-24-02N 077-41-36W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4253500 264790 +1R

ALTITUDE 330 (101M) & 325 (99M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.95 MI (3.14KM) E OF RICHARDSVILLE.

LOCATION COMMENTS: OFF THE SSW SIDE OF STATE ROAD 619 ABOUT 0.6 MI (1.0KM) BY ROAD WEST OF JUNCTION WITH STATE ROAD 683. ADDITIONAL WORKINGS AT UTM NORTHING 4252960. EASTING 264420. ZONE +1R

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 NO REPORT AS TO PRODUCTION OR ORE.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY 1837 (?)  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1837  
 PRESENT/LAST OWNER GLATFELTER PULP WOOD CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1837 DIREXPL MINE PROBABLY OPERATED.  
 2) 1974 RECON VA. DIV. MIN. RES. LOCATED MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):  
IN 1974, ONE WATER-FILLED SHAFT, ONE CAVED SHAFT, SEVERAL SHALLOW PITS  
AND DUMPS EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
HOST ROCK TYPES..... SCHIST (?)

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: (CHOPAWAMSI FORMATION ?)  
AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
BEDROCK GEOLOGY NOT DESCRIBED, BUT IS INFERRED FROM LONSDALE (1927) THE  
LAST WORK IN AREA.

GENERAL COMMENTS  
LONSDALE (1927) DOES NOT LIST THIS MINE.

GENERAL REFERENCES  
1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
RESOURCES, PUBLICATION 19, 77 P.  
2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD PYRITE BELT OF THE  
NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30,  
110P.  
3) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD  
REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE, SERIES 1, V.32,  
P.98-130.

### CULPEPER MINE

RECORD IDENTIFICATION

RECORD NO..... W000412  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION: USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VOMR  
DEPOSIT NO..... GK-010  
MAP CODE NO. OF REC..

REPORTER

NAME..... WRIGH  
T. NANCY  
DATE..... 72  
OS  
UPDATED..... 82  
01  
BY..... TRIMB  
LE, DAVID, C

NAME AND LOCATION

DEPOSIT NAME..... CULPEPER MINE  
SYNONYM NAME..... HEMPSTEAD MINE

MINING DISTRICT/AREA/SUBDIST. AURIFEROUS PYRITE, NATIVE GOLD

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA AND CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
38-22-30N 077-42-55W

UTM NORTHING UTM EASTING UTM ZONE NO  
4250700. 262790. +18

ALTITUDE.. 260 FT (79 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.9 MI (3.1 KM) NW OF ELEYS  
FORD.

LOCATION COMMENTS: 0.95 MI (1.46 KM) OFF WEST SIDE OF STATE ROAD 610 AT ITS  
CROSSING OF HAZEL RUN ABOUT 0.4 MI (0.6 KM) NE OF RAPIDAN RIVER AND 0.1  
MI (0.2 KM) NW OF MINE RUN.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PYRITE, SERICITE, KAOLIN

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
BY WHOM..... MR HEMPSTEAD(?)  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1831  
PRESENT/LAST OWNER..... SOONER CORP

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS

1) 1836 DREXPL CULPEPER MINING CO: FIRST MAJOR DEVELOPMENT  
2) 1974 RECON VA DIV MIN RES: LOCATED WORKINGS  
3) 1976 OTHER VIRGINIA GOLD MINING CORP: ATTEMPTED TO REACTIVATE  
WORKINGS

EXPLOR. AND DEVELOP. COMMENTS:  
OPERATIONS BEGAN BEFORE 1836, AND THEREAFTER OPERATIONS WERE INTERMITTENT  
WITH GREATEST ACTIVITY BEFORE THE CIVIL WAR. IT WAS LAST WORKED IN 1905,  
THOUGH AN ATTEMPT WAS MADE TO REACTIVATE THE WORKINGS IN 1976, BUT IT WAS  
REBUFFED BY THE CULPEPER PLANNING COMMISSION. IN 1854 THE MINE EMPLOYED  
24 MEN AND OPERATED WITH EXPENSES OF \$120 PER WEEK. A TWELVE STAMP MILL  
AND TWO CHILEAN MILLS WERE USED IN TREATING THE ORE. THE MINE PRODUCED  
3400 DWTS (170 TOZ) OF GOLD IN SEVEN WEEKS IN 1854.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 9 M  
STRIKE OF OREBODY..... NE-SW  
DIP OF OREBODY..... ALMOST VERTICAL

COMMENTS (DESCRIPTION OF DEPOSIT):  
THE VEIN WAS REPORTED TO BE FROM 2.4 TO 9 M (8 TO 30 FT) WIDE AND TO  
DIVIDE AND REUNITE ALONG ITS COURSE, BUT IN GENERAL CONFORMS TO THE  
STRIKE OF THE SERICITE-QUARTZ SCHIST COUNTRY ROCK. THE ORES WERE PYRITIC  
AND WERE WORKED BY JAW CRUSHER, GRINDING MILL, TABLES, AND AMALGAMATION  
AFTER FIRST BEING ROASTED.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

DEPTH OF WORKINGS BELOW SURFACE: 37 M  
LENGTH OF WORKINGS..... 162 M

COMMENTS (DESCRIP. OF WORKINGS):  
IN 1974, FOUR WATER-FILLED AND CAVED SHAFTS, ABOUT FIVE LARGE CUTS AND  
CAVED PITS, A CAVED TUNNEL, CONCRETE AND ROCK FOUNDATIONS, AND DUMPS WERE  
EVIDENT. IN 1836 THERE WAS A 17 M (57 FT) DEEP SHAFT WITH 162 M (531 FT)  
OF TUNNELS, ADITS, AND CROSS CUTS. IN THE LAST DEVELOPMENT OF THIS  
PROPERTY THERE WERE TWO SHAFTS 30.5 AND 36.6 M (100 AND 120 FT) DEEP, AND  
AN OPEN CUT ABOUT 12 M (40 FT) DEEP (IN 1850'S).

PRODUCTION

YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 AU	ACC	0000.170	025	1854		

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
15 AU	SML			1831-1905		INTERMITTENT OPERATION

SOURCE OF INFORMATION (PRODUCTION): LONSDALE REF.

PRODUCTION COMMENTS: ITEM 1 PRODUCED DURING 1 WEEK IN 1854. COMPLETE  
PRODUCTION IS NOT KNOWN. SOME POCKETS CARRIED VALUES AS HIGH AS \$100/TON.  
THE VEIN AVERAGED \$6 PER TON OVER ITS ENTIRE WIDTH.

RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	SML				

COMMENTS (RESERVES/POT RESOURCES): THERE IS PROBABLY STILL A SMALL AMOUNT  
OF ORE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SERICITE-QUARTZ SCHIST

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE), KAOLINITE  
(SUGGESTS PRIOR FELDSPAR).

GEOLOGICAL DESCRIPTIVE NOTES. HOST ROCK IS FOLIATED AND DARK GRAY,  
WEATHERS TO LIGHT GRAY. HOST ROCK STRIKES N. 32 DEG. E AND DIPS  
PRACTICALLY VERTICALLY TO THE EAST. THE QUARTZ VEIN IS STRONG AND  
MASSIVE.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TRFND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
THIS MINE AND THE LOVE AND EMBREY MAY BE LOCATED ON THE NORTHERN  
CONTINUATION OF THE SHEAR ZONE ON WHICH THE MELVILLE MINE IS LOCATED.

GENERAL COMMENTS  
MINE ACTIVELY OPERATED IN 1836. AT THAT TIME THERE WAS A 57 FT. SHAFT AND  
531 FT. OF TUNNELS, ADITS, AND CROSS CUTS. VEIN WAS 8-30 FT. WIDE. IN  
1854 THE MINE EMPLOYED 24 MEN, HAD A 12 STAMP AND 2 CHILEAN MILLS, AND HAD  
EXPENSES OF \$120/WEEK. THE MINE WAS LAST WORKED IN 1905.

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, PP. 76-77.
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 39.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) GALLAHER, R., 1976, GOLD FEVER COOLED IN CULPEPER: RICHMOND, VA, TIMES-DISPATCH, MARCH 28.
- 5) PARDEE, J.T., AND PARK, C.F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: USGS PP 213, 152 P.
- 6) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMER. JOUR. SCI. AND ARTS, VOL. 32, P. 98-130.
- 7) WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, T.P. BELL CO., P. 549-567.

**DRY BOTTOM PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W000415  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID ..... VDMR  
 DEPOSIT NO. .... GK-013  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 05  
 UPDATED ..... 79  
 06  
 BY ..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME ..... DRY BOTTOM PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
 38-23-12N 077-41-25W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4251940 265010 +18

ALTITUDE.. 335 FT (102 M)

POSITION FROM NEARES PROMINENT LOCALITY: 2.3 MI (3.7 KM) SE OF RICHARDSVILLE

LOCATION COMMENTS. 1.15 MI (1.85 KM) DOWN A LOGGING ROAD OFF SOUTH SIDE OF STATE ROAD 619 ABOUT 0.15 MI (0.24 KM) BY ROAD WEST OF JUNCTION WITH STATE ROAD 683

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

COMMODITY COMMENTS:  
 NO QUARTZ VEINS VISIBLE, BUT SCATTERED VEIN QUARTZ IS PRESENT ON SURFACE.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... GLATFELTER PULPWOOD CO

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: LOCATED PROSPECT

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 IN 1974, ONLY SCATTERED QUARTZ DUMP MATERIAL WAS EVIDENT. SEVERAL SHALLOW SHAFTS AND TEST PITS WERE SUNS DURING PROSPECTING.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... SERICITE-QUARTZ SCHIST

PERTINENT MINERALOGY ..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY

MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING ..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS

THIS PROSPECT WAS NEVER OPERATED. SEVERAL SHALLOW SHAFTS AND TEST PITS WERE SUNK. WHEN VIEWED BY LONSDALE (1927), THE OPENINGS WERE BADLY CAVED.

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 78
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 43.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**EAGLE PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W030547  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME ..... EAGLE PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA

LATITUDE LONGITUDE  
 38-22-58N 077-42-18W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4251530 263720 +18

ALTITUDE.. 280 FT (85M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.82KM (1.75MI) SE OF RICHARDSVILLE.

LOCATION COMMENTS: 0.3KM (0.2MI) OFF THE NE SIDE OF STATE ROAD 610 ABOUT 2.4 KM (1.5MI) BY ROAD SE OF ITS INTERSECTION WITH STATE ROAD 732.

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD?

COMMODITY COMMENTS:  
 NO REPORT AS TO PRODUCTION OR MINERALIZATION

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... GLATFELTER PULP WOOD CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 CAVED PIT 2.4M X 1.5M X 1M DEEP, 3 TRENCH CUTS, 4M X 0.6M X 0.6M AND OTHER 2 BEING 7.6M X 1M X 1M AND SMALL DUMPS REPORTED 1974.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA.

GENERAL COMMENTS  
 MOST OF THE SURROUNDING AREA HAS BEEN LOGGED BY THE GLATFELTER PULPWOOD CO.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110P.  
 3) SCHEEL, E.M., 1975, CULPEPER COUNTY HISTORICAL MAP.

### ELEY MINE (See Ellis Mine)

### ELLIS MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000414  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-012  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... ELLIS MINE  
 SYNONYM NAME..... ELEY MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
 38-24-46N 077-41-32W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4254840. 264930. +18

ALTITUDE.. 270 FT (82 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 MI (3.5 KM) NE OF RICHARDSVILLE.

LOCATION COMMENTS: 0.85 MI (1.37 KM) OFF NE SIDE OF STATE ROAD 619, 0.8 MI (1.3 KM) BY ROAD EAST OF JUNCTION WITH STATE ROAD 701.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE

COMMODITY COMMENTS:  
 THE ORE IS HIGHLY PYRITIC AT DEPTH.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... DICK PURCELL LUMBER CO

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 THE MINE WAS INTERMITTENTLY WORKED TO 1904, WITH THE GREATEST ACTIVITY AROUND 1877. AT THAT TIME THERE WERE 35 MEN EMPLOYED AND A 10- STAMP MILL WAS USED TO TREAT THE ORE.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN

FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 GOLD OCCURS IN A QUARTZ VEIN IN QUARTZ-SERICITE SCHIST. THE ORE FROM THE LOWER WORKINGS WAS HIGHLY PYRITIC BUT EASILY CONCENTRATED TO YIELD \$175 PER TON. IN 1877 THERE WERE 200 TONS OF ORE ON THE DUMP.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 33.5 M  
 LENGTH OF WORKINGS..... 91.5 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, WATER-FILLED SHAFT, THREE CAVED PITS, AND DUMP PILES EVIDENT. IN 1877 THE MAIN SHAFT WAS 33.5 M (110 FT) DEEP, WHILE THE VEIN WAS DEVELOPED FOR 91.5 M (300 FT) ALONG ITS STRIKE.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE	ACC	00000.2 TONS	1877	VALUED AT \$175/TON

SOURCE OF INFORMATION (PRODUCTION)... LONSDALE REFERENCE

PRODUCTION COMMENTS..... THE ABOVE FIGURE IS THE AMOUNT OF ORE ON THE DUMP FOR THAT YEAR.

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS.

GENERAL COMMENTS  
 THE MINE WAS WORKED INTERMITTENTLY TO 1904, WITH THE GREATEST ACTIVITY AROUND 1877. AT THAT TIME WERE 35 MEN EMPLOYED, AND A 10 STAMP MILL WAS USED TO TREAT THE ORE. THE MAIN SHAFT WAS 110 FT. DEEP, WHILE THE VEIN WAS DEVELOPED FOR 300 FEET ALONG ITS STRIKE.

GENERAL REFERENCES  
 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 78  
 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 45-46  
 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

### EMBREY MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000418  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-016  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... EMBREY MINE  
 SYNONYM NAME..... EMBRY MINE, EMBRY AND BROOKS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE

LATITUDE LONGITUDE  
 38-22 15N 077-42-41W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4250230. 263120. +18

ALTITUDE.. 260 FT (79 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 MI (2.6 KM) NW OF ELEYS FORD.

LOCATION COMMENTS: 0.75 MI (1.21 KM) OFF WEST SIDE OF STATE ROAD 610 AT ITS

CROSSING OF HAZEL RUN AND 0.25 MI (0.4 KM) NE OF RAPIHAN RIVER.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

COMMODITY COMMENTS:  
HIGH PERCENTAGES OF MAGNETITE IN THE ORE. THE MINE IS ON THE SAME VEIN AS THE CULPEPER MINE.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
YEAR OF LAST PRODUCTION. POST-CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
MINE WAS WORKED BEFORE AND AFTER THE CIVIL WAR. THE ORE WAS MILLED BY A BATTERY OF TEN STAMPS, TABLES, AND AMALGAMATION.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A CAVED SHAFT, TWO SMALL PITTS, CONCRETE FOUNDATION, AND A LARGE DUMP WERE EVIDENT. TWO SHAFTS WERE SUNK IN THE 1800'S, ONE 30.5 M (100 FT) AND ONE 43 M (140 FT) DEEP, AND WERE CONNECTED BY LEVELS.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS..... NO INDICATION IS GIVEN AS TO THE AMOUNT OF ORE PRODUCED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... HORNBLENDE SCHIST, QUARTZ-SERICITE SCHIST  
PERTINENT MINERALOGY..... QUARTZ, MAGNETITE, CALCITE, PYRITE, TITANIFEROUS MAGNETITE

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCK IS DARK GREENISH GRAY AND FINELY FOLIATED.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSIK FORMATION  
AGE: EPAL

GENERAL COMMENTS  
MINE WAS WORKED BOTH BEFORE AND AFTER THE CIVIL WAR. A 100 FT. AND A 140 FT. SHAFT WAS SUNK, AND A 10 STAMP MILL WAS BUILT. DIFFICULTY OF WORKING WITH THE ORE BELOW WATER LEVEL LED TO ITS CLOSURE.

GENERAL REFERENCES  
1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL., 30, P. 77.  
2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 46.  
3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**EMBRY MINE (See Embrey Mine)**

**EMBRY AND BROOKS MINE (See Embrey Mine)**

**FIELD'S MINE**

RECORD IDENTIFICATION  
RECORD NO..... W030548  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... BEAUL  
IEU (D.C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMBLE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... FIELD'S MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... CULPEPER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 GERMANNA BRIDGE VA

LATITUDE LONGITUDE  
38-25-11N 077-45-05W

UTM NORTHING UTM EASTING UTM ZONE NO  
4255760. 259790. +18

ALTITUDE.. 315 FT (96M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 6.6 KM (4.1MI) E OF LIGNUM.

LOCATION COMMENTS: 0.08 KM (0.05MI) OFF N SIDE OF STATE ROAD 731 ABOUT 0.6 KM (0.4 MI) BY ROAD E OF ITS INTERSECTION WITH STATE ROAD 732

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

COMMODITY COMMENTS:  
NO REPORTS AS TO PRODUCTION OR MINERALIZATION.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... CLARENCE F. KIPPS, JR.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. OF MINERAL RESOURCES, SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
2 CAVED PITTS MEASURING 9.1M X 3M X 1M DEEP AND 7.6M X 3M AND POSSIBLE CAVED SHAFT (?) W/GENTLE SLOPE TO BOTTOM, MEASURING 10.6M X 3.7M, AND 2 DUMPS THE LARGEST MEASURING 4.6M IN DIAMETER AND 2M HIGH REPORTED IN 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS..... PRODUCTION WAS SMALL, IF THERE WAS ANY.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
HOST ROCK TYPES..... SCHIST  
PERTINENT MINERALOGY..... SERICITE, QUARTZ, HEMATITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: (CHOPAWAMSIK FORMATION ?)  
AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
NO RECENT GEOLOGICAL WORK HAS BEEN DONE IN THE AREA; FORMATION IS DESCRIBED BUT NOT NAMED BY LONSDALE (1927).

GENERAL REFERENCES

1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110P.

## GREELEY, HORACE MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030549  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... GREELEY, HORACE, MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA

LATITUDE LONGITUDE  
 38-22-51N 077-42-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4251330. 263520. +18

ALTITUDE.. 325 FT (99 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.82KM (1.75MI) SE OF RICHARDSVILLE.

LOCATION COMMENTS: ON E SIDE OF STATE ROAD 610 ABOUT 2.4 KM (1.5MI) BY ROAD SE OF ITS INTERSECTION WITH STATE ROAD 732

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 NO REPORT AS TO PRODUCTION OR MINERALIZATION

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... GLATFELTER PULPWOOD CO/E.J. WEEDON

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:  
 IT IS UNCERTAIN WHETHER THERE WAS ANY PRODUCTION.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN (?)  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 2 SHALLOW PITS, 1 MEASURING 2.6M X 1M X 0.6M DEEP, 4 SMALL DUMPS, THE LARGEST MEASURING 3M X 1.5M X .8M HIGH.

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS..... IF THERE WAS ANY PRODUCTION, IT WAS PROBABLY SMALL.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, SERICITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA; FORMATION NOT NAMED, BUT IS DESCRIBED BY LONSDALE (1927).

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES. PUBLICATION 19, 77 P.  
 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## HAMPSTEAD MINE (See Culpeper Mine)

## HILL MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030550  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... HILL MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CASTLETON, VA.

LATITUDE LONGITUDE  
 38-30-19N 078-00-53W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4265890. 760320. +17

ALTITUDE.. 485 FT (148 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.75 MI (4.43 KM) E OF NORMAN.

LOCATION COMMENTS: 1.1 MI (1.8 KM) ALONG PRIVATE ROAD OFF SW SIDE OF STATE ROAD 729 ABOUT 0.35 MI (0.56 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 638 LEADING NORTH.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1855  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1855

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1855 DIREXPL PRODUCED PRIOR TO CIVIL WAR  
 2) 1974 RECON VA. DIV. MIN. RES, LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
 MILL ESTABLISHED PRIOR TO CIVIL WAR

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN (?)  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 NON-MINERALIZED QUARTZ VEIN EXPOSED IN VICINITY, STRIKING N 43 E, DIP 86 DEG SE.

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SHALLOW PIT AND SCATTERED DUMP EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1974).  
 PRODUCTION COMMENTS.... ORE PRODUCED PRIOR TO CIVIL WAR RUNNING \$10/TON.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... SCHIST  
 AGE OF ASSOC. IGNEOUS ROCKS... PREC  
 IGNEOUS ROCK TYPES..... METABASALT  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... BLUE RIDGE ANTICLINORIUM, TRIASSIC BASIN  
 BORDER FAULT... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CATOCTIN FORMATION  
 AGE: PREC  
 2) NAME: LYNCHBURG FORMATION  
 AGE: PREC  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: CATOCTIN FORMATION  
 AGE: PREC  
 SIGNIFICANT LOCAL STRUCTURES:  
 TRIASSIC BASIN FAULTS  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 GRAPHITE-EPIDOTE-CHLORITE SCHIST EXPOSED TO NW CONTAINING LENSES/PODS AND  
 VEINS OF QUARTZ SOME CONTAINING SPECULAR HEMATITE.  
 GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.  
 2) SWEET, P.C., 1974, UNPUBLISHED FIELD OBSERVATIONS: VIRGINIA DIVISION OF  
 MINERAL RESOURCES.

LOVE MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000413  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-011  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... LOVE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... CULPEPER  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE  
 LATITUDE LONGITUDE  
 38-22-58N 077-42-45W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4251560 263060 +18  
 ALTITUDE . 300 FT (91 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.45 MI (2.33 KM) SE OF  
 RICHARDSVILLE  
 LOCATION COMMENTS: 0.175 MI (0.282 KM) OFF SW SIDE OF STATE ROAD 610, 1.18  
 MI (1.89 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 732.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OPE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD AND AURIFEROUS PYRITE  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... DICK PURCELL LUMBER CORP  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS OPERATED FROM BEFORE THE CIVIL WAR UNTIL ABOUT 1905.  
 DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 VEIN IS THOUGHT TO BE THE SAME AS THAT AT THE CULPEPER MINE.  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 37 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, FIVE CAVED PITS AND SCATTERED QUARTZ DUMP EVIDENT THE ORIGINAL  
 WORKINGS CONSISTED OF NUMEROUS SURFACE OPENINGS AND ONE SHAFT ABOUT 37 M  
 (120 FT) DEEP.  
 PRODUCTION  
 YES  
 SMALL PRODUCTION  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 1 ORE AU SML PRE-CIVIL WAR TO 1905 HIGH IN PLACES  
 PRODUCTION YEARS.....  
 SOURCE OF INFORMATION (PRODUCTION).. LONSDALE REF.  
 PRODUCTION COMMENTS.... NO SPECIFIC MENTION IS MADE OF THE AMOUNT OF ORE  
 PRODUCED, HOWEVER, IT WAS PROBABLY A FAIRLY GOOD SIZED PRODUCER.  
 RESERVES AND POTENTIAL RESOURCES  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE OR USE  
 1 ORE SML  
 COMMENTS (RESERVES/POT RESOURCES).. THERE IS PROBABLY A SMALL AMOUNT OF  
 ORE AT THE SITE.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, SLATE  
 AGE OF ASSOC. IGNEOUS ROCKS... TRI  
 IGNEOUS ROCK TYPES..... DIABASE  
 PERTINENT MINERALOGY..... QUARTZ, PYRITE  
 GEOLOGICAL DESCRIPTIVE NOTES. LITTLE CAN BE SAID OF THE GEOLOGY OF THE  
 AREA BECAUSE OF POOR OUTCROP AND CONDITION OF THE WORKINGS. THIS MINE IS  
 BELIEVED TO BE ON THE SAME VEIN AS THE CULPEPER MINE.  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION  
 AGE: EPAL  
 2) NAME: DIABASE DIKE  
 AGE: TRI  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: DIABASE DIKE  
 AGE: TRI  
 GENERAL COMMENTS  
 THE PROPERTY WAS OPERATED BOTH BEFORE AND AFTER THE CIVIL WAR, WITH THE  
 LAST OPERATIONS BEING ABOUT 1905. SOME VERY RICH ORE WAS FOUND AND  
 CONSIDERABLE SURFACE WORKING WAS CARRIED ON IN ADDITION TO UNDERGROUND  
 MINING. ONE SHAFT WAS SUNK ABOUT 120 FT.  
 GENERAL REFERENCES  
 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 77  
 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 86  
 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.

MILBANK MINE

RECORD IDENTIFICATION  
 RECORD NO..... W030551  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.  
 NAME AND LOCATION  
 DEPOSIT NAME..... MILBANK MINE  
 SYNONYM NAME..... MILLBANK MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
 38-24- N 077-42- W

UTM NORTHING UTM EASTING UTM ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: ENE OF RICHARDSVILLE, SOUTH OF RAPPAHANNOCK RIVER. EXACT LOCATION UNKNOWN.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 NO PRODUCTION REPORT AVAILABLE.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1837 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1837 (?)

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1837 DIREXPL ADIT BEING CUT  
 2) 1974 RECON VA. DIV. MIN. RES., UNABLE TO LOCATE

REPORTS AVAILABLE:  
 SILLIMAN (1837) P 128-129

EXPLOR. AND DEVELOP. COMMENTS:  
 AN ADIT WAS BEING CUT IN 1837 WHEN SILLIMAN VISITED THE SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 UNDERGROUND

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS.... IF THERE WERE ANY, PRODUCTION WAS PROBABLY VERY LIMITED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
 HOST ROCK TYPES..... SCHIST (?)  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TRENCH  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: (CHOPAWAMSIK FORMATION ?)  
 AGE: EPAL (?)

GENERAL COMMENTS  
 SITUATED NE FROM CULPEPER MINE.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE, SERIES 1, V. 32, P 98-130.

MILLBANK MINE (See Milbank Mine)

MORGANA MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000416  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE..... 13  
 FILE LINK ID..... VOMR  
 DEPOSIT NO..... GK-014  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... MORGANA MINE  
 SYNONYM NAME..... MORGANNA MINE MARGANNA MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
 38-25-08N 077-40-37W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4255490. 266300. +18

ALTITUDE.. 230 FT (70 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.15 MI (5.07 KM) NE OF RICHARDSVILLE

LOCATION COMMENTS: 1.3 MI (2.1 KM) OFF NNE SIDE OF STATE ROAD 619 ABOUT 0.15 MI (0.24 KM) BY ROAD WEST OF JUNCTION WITH STATE ROAD 683.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

COMMODITY COMMENTS:  
 NO VEINS SEEN BY LONSDALE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF FIRST PRODUCTION. 1897(?)  
 PRESENT/LAST OWNER..... DICK PURCELL LUMBER CORP  
 PRESENT/LAST OPERATOR.... MR JOHNSON

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1897 DIREXPL MR JOHNSON: DROVE SHAFTS.  
 2) 1974 RECON VA DIV MIN RES: LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 ACCORDING TO MORRILL (1972) MINE OPERATED AROUND 1897-1899. A 6-STAMP MILL WITH TABLES AND AMALGAMATION WERE-USED TO TREAT THE ORE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 LONSDALE (1927) REPORTS NOT SEEING ANY VEINS, YET WHITE VEIN QUARTZ EVIDENT IN DUMPS (SWEET, P C 1974, UNPUBLISHED FIELD OBSERVATIONS).

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 39 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT AND TRENCH, ROCK AND BRICK FOUNDATIONS, AND DUMPS EVIDENT. A 39 M (128 FT) SHAFT WAS SUNK DURING OPERATION.

PRODUCTION  
 YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (GRT, COMMOD., CONC., OVRERRUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
15 ORE AU	SML			1897-1899		AU

SOURCE OF INFORMATION (PRODUCTION) LONSDALE (1927), MORRILL (1972)

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... SCHIST, GRANITE  
 IGNEOUS ROCK TYPES..... GRANITE

PERTINENT MINERALOGY..... QUARTZ, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TRENCH  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: SOMERVILLE GRANITE

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: SOMERVILLE GRANITE



COMMENTS (GEOLOGY AND MINERALOGY):  
SCHIST AND GRANITE FLDAT IN AREA MAPPED AS GRANITE (LONSDALE, 1927).  
POSSIBLE MIGMATITE(?)

GENERAL COMMENTS

A 128 FT. SHAFT WAS SUNK AND A 6 STAMP MILL BUILT. MINE NAMED FOR  
DAUGHTERS, MARGARET AND ANNA, OF OPERATOR (MORRILL, 1972).

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 78
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 96-97.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
RESOURCES, PUBLICATION 19, 77 P.
- 4) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PART 2: ROCKS AND  
MINERALS, V. 47, NO 7-8, P. 437.

**MORGANNA MINE (See Morgana Mine)**

**RICHARDSVILLE MINE**

RECORD IDENTIFICATION  
RECORD NO. .... W000411  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 1  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-009  
MAP CODE NO. OF REC...  
  
REPORTER  
NAME ..... WRIGHT  
T, NANCY A.  
DATE ..... 72  
05  
UPDATED ..... 79  
06  
BY ..... MEINT  
ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... RICHARDSVILLE MINE  
  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES  
  
STATE CODE ..... VA  
STATE NAME: VIRGINIA  
  
COUNTY..... CULPEPER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 00  
  
QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE  
  
LATITUDE LONGITUDE  
38-24- N 077-44- W  
  
POSITION FROM NEAREST PROMINENT LOCALITY: NEAR RICHARDSVILLE  
  
LOCATION COMMENTS: EXACT LOCALITY NOT KNOWN.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

COMMODITY COMMENTS:  
LITTLE IS KNOWN OF THIS DEPOSIT EXCEPT THAT IT IS A GOLD MINE IN  
QUARTZ-SERICITE SCHIST.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: UNABLE TO LOCATE.

DESCRIPTION OF WORKINGS  
SURFACE

PRODUCTION  
YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

GEOLOGY AND MINERALOGY  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

GENERAL REFERENCES

- 1) WATSON, T.L., 1907, MINERAL RESOURCES OF VA., P. 554.
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 111.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
RESOURCES, PUBLICATION 19, 77 P.

**ROSSIN'S MINE**

RECORD IDENTIFICATION  
RECORD NO. .... W030552  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC...  
  
REPORTER  
NAME ..... BEAUL  
IEU (D.C. LE VAN), HARVEY R.  
DATE ..... 79  
06  
UPDATED ..... 81  
10  
BY ..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... ROSSIN'S MINE  
SYNONYM NAME..... ROSSIN'S MOUNTAIN MINE  
  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES  
  
STATE CODE ..... VA  
STATE NAME: VIRGINIA

COUNTY..... CULPEPER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
38-23-20N 077-43-05W

UTM NORTHING UTM EASTING UTM ZONE NO  
4252260. 262600. +18

ALTITUDE.. 330 FT (101 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.53 KM (0.95 MI) SE OF  
RICHARDSVILLE.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF SSW SIDE OF STATE ROAD 610 ABOUT  
1.05 KM (0.65 MI) BY ROAD SW OF ITS INTERSECTION WITH STATE ROAD 782.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD ?

COMMODITY COMMENTS:  
NO REPORTS AS TO PRODUCTION OR MINERALIZATION

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
LONG : M-DEEP TRENCH CUT, SEVERAL LARGE QUARTZ BOULDERS, SCATTERED QUARTZ  
ROCKS AND LARGE PILE OF WHITE QUARTZ WITH WEATHERED GRANITE AND MINOR  
SCHIST REPORTED IN 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS.... PRODUCTION, IF ANY, WAS SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... SERICITE, QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE TO SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: (CHOPAWAMSI FORMATION ?)  
 AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO RECENT GEOLOGICAL WORK HAS BEEN DONE IN THIS AREA  
 FORMATION WAS DESCRIBED BUT NOT NAMED BY LONSDALE (1927).

GENERAL COMMENTS  
 AREA HAS BEEN LOGGED IN LAST 10 YEARS.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) DARTER, O.H., 1957, COL. FREDERICKSBURG AND NEIGHBORHOOD IN PERSPECTIVE: NEW YORK, TWAYNE PUBLISHERS; P 294-295.  
 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**SMITH TRACT MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W030553  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME ..... MEINT  
 ZER, (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LF, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... SMITH TRACT MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA.  
 LATITUDE LONGITUDE  
 38-22-15N 077-40-29W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4250130. 266330. +18  
 ALTITUDE.. 195 FT (59 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 KM (1.0 MI) NE OF ELYS FORD.  
 LOCATION COMMENTS: 0.7 MI (1.1 KM) OFF NE SIDE OF STATE ROAD 610 ABOUT 0.5 MI (0.8 KM) BY ROAD NORTH OF ITS CROSSING OVER THE RAPIDAN RIVER AT ELYS FORD.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... ROY H. HUTCHENSON  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL SHAFT DRIVEN FOLLOWING VEIN  
 2) 1974 RECON VA. DIV. MIN. RES: MINE LOCATED

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL

DESCRIPTION OF WORKINGS  
 DEPTH OF WORKINGS BELOW SURFACE. 12 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 12 M (40 FT) SHAFT DRIVEN TO FOLLOW VEIN UNTIL IT PINCHED OUT. IN 1974, HILLSIDE CUT WAS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION  
 PRODUCTION COMMENTS.... PRODUCTION, IF ANY, WAS SMALL.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... SCHIST  
 PERTINENT MINERALOGY ..... QUARTZ, PYRITE  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING ..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK GEOLOGY NOT DESCRIBED  
 BUT IT IS INFERRED FROM LONSDALE (1927), THE LAST WORK DONE IN THE AREA.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PART 2: ROCKS AND MINERALS, V. 47, P. 435-444  
 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**URQUHART PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W030554  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME ..... MEINT  
 ZER (D. C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06













NAME AND LOCATION  
 DEPOSIT NAME ..... URQUHART PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... CULPEPER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA.  
 LATITUDE LONGITUDE  
 38-24-34N 077-41-52W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4254490. 264450. +18  
 ALTITUDE.. 350 FT (107 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.85 MI (2.98 KM) NE OF RICHARDSVILLE.  
 LOCATION COMMENTS: 0.55 MI (0.88 KM) OFF NORTH SIDE OF STATE ROAD 619, 0.8 MI (1.3 KM) BY ROAD EAST OF JUNCTION WITH STATE ROAD 701.

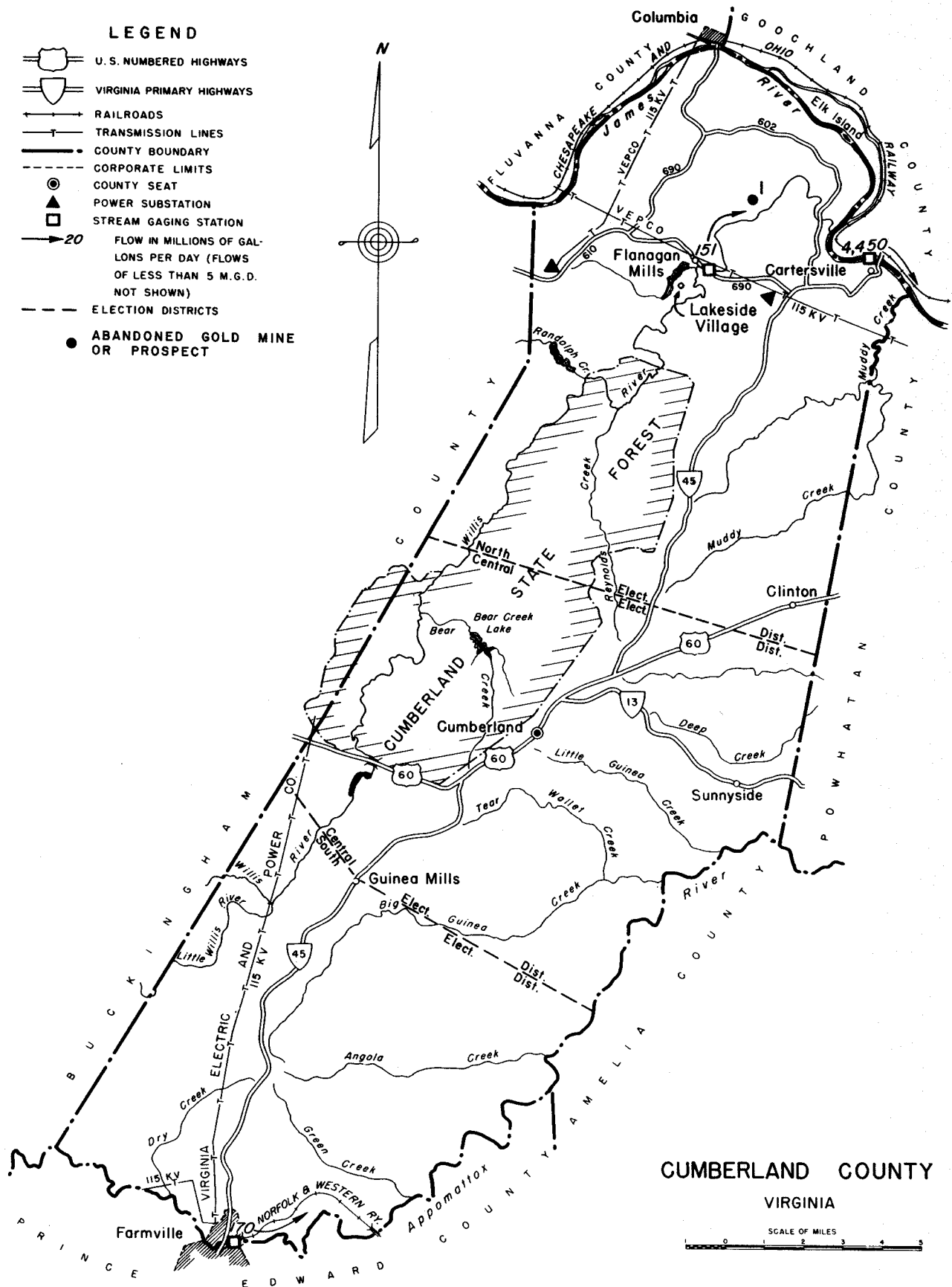
COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 MAIN COMMOD. .... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)  
 COMMODITY COMMENTS:  
 NO REPORT OF PRODUCTION.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY ..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL UNKNOWN  
 2) 1974 RECON VA. DIV. MIN. RES.. LOCATED MINE

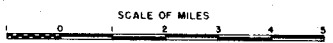
DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

LEGEND

-  U. S. NUMBERED HIGHWAYS
-  VIRGINIA PRIMARY HIGHWAYS
-  RAILROADS
-  TRANSMISSION LINES
-  COUNTY BOUNDARY
-  CORPORATE LIMITS
-  COUNTY SEAT
-  POWER SUBSTATION
-  STREAM GAGING STATION
-  FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
-  ELECTION DISTRICTS
-  ABANDONED GOLD MINE OR PROSPECT



CUMBERLAND COUNTY  
VIRGINIA



CUMBERLAND COUNTY

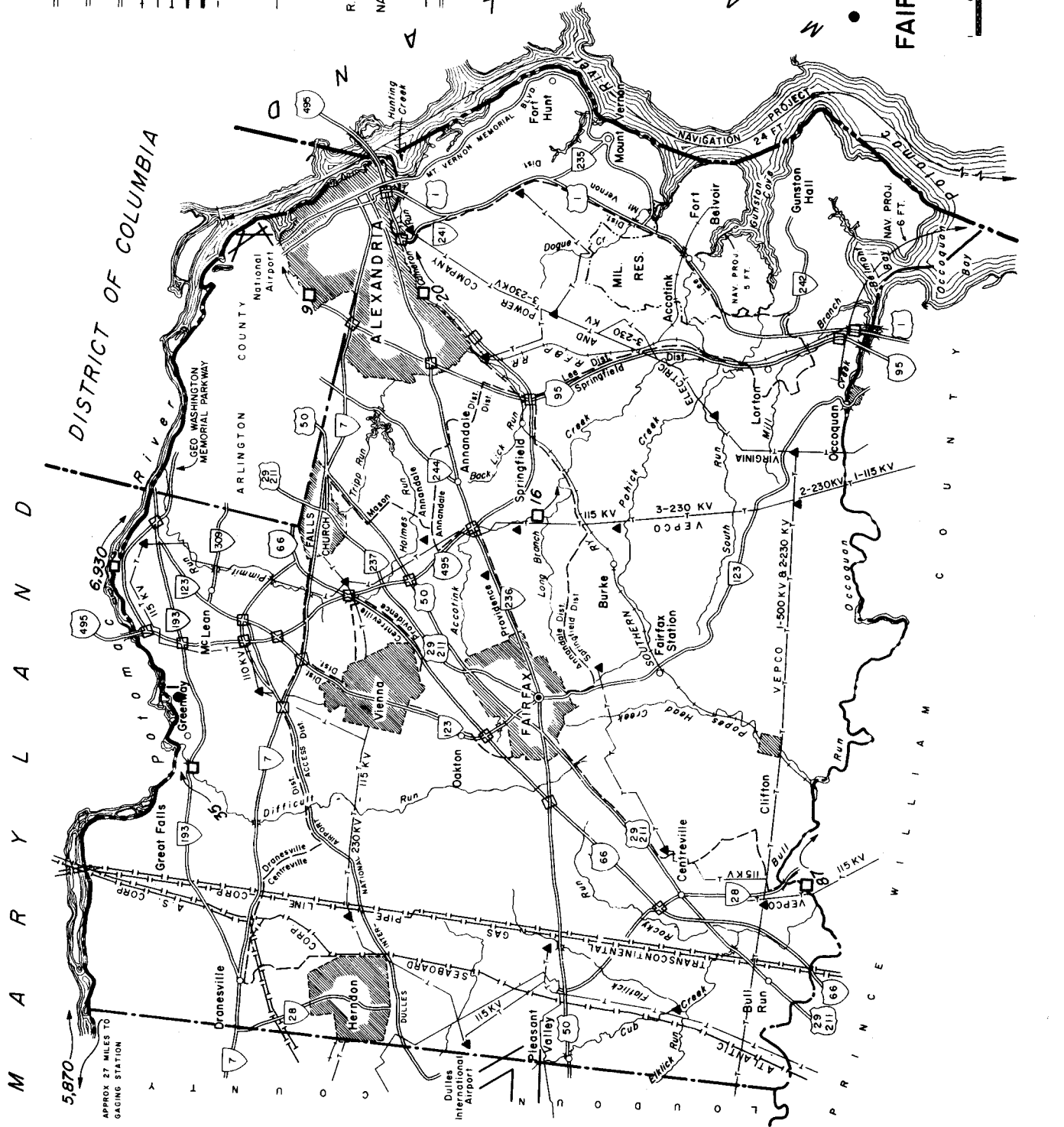
1. Dickey, G. S.

- LEGEND**
- INTERSTATE HIGHWAY
  - U.S. NUMBERED HIGHWAYS
  - VIRGINIA PRIMARY HIGHWAYS
  - RAILROADS
  - TRANSMISSION LINES
  - NATURAL GAS LINES
  - COUNTY BOUNDARY
  - STATE BOUNDARY
  - CORPORATE LIMITS
  - COUNTY SEAT
  - POWER SUBSTATION
  - STREAM GAGING STATION
  - DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 MGD. NOT SHOWN)
  - 20
  - R.F.B.P.R. RICHMOND, FREDERICKSBURG AND POTOMAC RAILROAD
  - NAV. PROJ. AUTHORIZED NAVIGATION 8 FT.
  - PROJECT AND CHANNEL DEPTH IN FEET
  - MAGISTERIAL DISTRICT LINE
  - HIGHWAY INTERCHANGE

● ABANDONED GOLD MINE OR PROSPECT

**FAIRFAX COUNTY**

VIRGINIA



FAIRFAX COUNTY

1. Bull Neck (Bull Neck Run)

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SHALLOW CUTS AND SCATTERED QUARTZ FRAGMENTS EVIDENT.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... SCHIST(?)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 AGE: METAMORPHOSED SEDIMENTARY ROCKS

COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK GEOLOGY IS NOT DESCRIBED, BUT IS INFERRED FROM LONSDALE (1927).

GENERAL COMMENTS  
 1.4 MI (2.2 KM) NW OF DRY BOTTOM MINE. LONSDALE (1927) DOES NOT LIST UROUHART MINE.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**CUMBERLAND COUNTY**

**DICKEY, G. S., PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W030555  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAL  
 IEU (D.C. LE VAN), HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... DICKEY, G.S., PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... CUMBERLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAKESIDE VILLAGE, VA.

LATITUDE LONGITUDE  
 37-41-44N 078-08-40W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4175660 751780 +17

ALTITUDE... 270 FT (82 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 4.5 KM (2.8 MI) NW OF LAKESIDE VILLAGE.

LOCATION COMMENTS: 0.6 KM (0.4 MI) OFF NW SIDE OF STATE ROAD 605 ABOUT 0.5 KM (0.3 MI) BY ROAD NW OF ITS CROSSING OF THE WILLIS RIVER.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG ZN PB PYR CU

MAIN COMMOD..... AU  
 MINOR COMMOD..... AG ZN PB PYR CU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, SPHALERITE, GALENA, CHALCOPYRITE, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 SPHALERITE, GALENA, CHALCOPYRITE, PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... E.A. AND EVERETT A. CARNES, JR.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) ? DIREXPL ? - PROSPECTED SITE  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED.

EXPLOR. AND DEVELOP. COMMENTS:  
 SEVERAL PITS WERE SUNK IN PROSPECTING FOR GOLD.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, HILLSIDE CUT EVIDENT. SEVERAL PITS HAD BEEN DUG DURING PROSPECTING.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PAL  
 HOST ROCK TYPES..... SILICIFIED MYLONITE  
 AGE OF ASSOC. IGNEOUS ROCKS... PAL  
 IGNEOUS ROCK TYPES..... GRANODIORITE  
 PERTINENT MINERALOGY..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE (TO NW), NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: HATCHER COMPLEX  
 AGE: PAL  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: COLUMBIA GRANODIORITE  
 AGE: PAL

SIGNIFICANT LOCAL STRUCTURES:  
 SHEAR ZONE

COMMENTS (GEOLOGY AND MINERALOGY):  
 ORE MINERALS APPEAR TO BE OF LATER DEPOSITION THAN MOST OF THE QUARTZ (TABER, 1913).

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

**FAIRFAX COUNTY**

**BULL NECK MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W000348  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... E1-001  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 03  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... BULL NECK MINE  
 SYNONYM NAME..... BULL NECK RUN MINE, KIRK MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAIRFAX  
 DRAINAGE AREA..... 02 POTOMAC RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE 1: 24000 QUAD NO OR NAME FALLS CHURCH  
 LATITUDE 38-57-55N LONGITUDE 077-12-58W  
 UTM NORTHING 4315060. UTM EASTING 307990. UTM ZONE NO +18  
 ALTITUDE.. 160 FT (49 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3 1/3 MILES N. 10 DEG. E. OF TYSONS CORNERS  
 LOCATION COMMENTS: JUST WEST OF BULL NECK RUN ABOUT 0.4 MI (0.6 KM) BY RUN NNE OF CROSSING VA HWY 193 (GEORGETOWN PIKE)

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 MINOR PRODUCTS.. AG

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE

## MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 IN 1937 THE CONCENTRATED PRODUCT WAS BEING SHIPPED TO CARTERET, N. J., WHICH MAY HAVE RESULTED IN THE MINE BECOMING ECONOMICALLY UNFEASIBLE. THE U. S. GOVERNMENT AIDED IN THE MILL'S CONSTRUCTION BY A GRANT OF \$20,000.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1890'S  
 BY WHOM..... WM. KIRK  
 NATURE OF DISCOVERY..... B  
 YEAR OF FIRST PRODUCTION. EARLY 1900'S OR LATE 1890'S  
 PRESENT/LAST OWNER..... C F EAGLE  
 PRESENT/LAST OPERATOR..... VIRGINIA MINES, INC.

## WORK DONE BY USGS

YEAR WORK TYPE GEOLOGIST AND RESULTS  
 1) 1964 GEOLMAP JOHNSTON, P.M.: WROTE WATER SUPPLY PAPER 1776.  
 2) 1977 GEOLMAP DRAKE, A.A. JR., & FROELICH, A.J.: OPEN FILE MAP 77-523.

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1900 DIREXPL HYDRAULIC GOLD-GRAVEL WASHING PLANT OPERATED  
 2) 1936 DIREXPL 70 FT SHAFT SUNK  
 3) 1937 MINING ABANDONED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

## SIZE/DIRECTIONAL DATA

DEPTH TO TOP..... 0 FT. M  
 DEPTH TO BOTTOM..... 30 M  
 MAX WIDTH..... 1.8 M  
 STRIKE OF OREBODY..... NW  
 DIP OF OREBODY..... STEEPLY NORTHEAST

## COMMENTS(DESCRIPTION OF DEPOSIT):

OPERATED FIRST AS A PLACER REMOVING RESIDUAL GOLD IN ALLUVIUM.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 30 M

## COMMENTS(DESCRIP. OF WORKINGS):

SHAFTS SUNK TO INTERCEPT VEIN AT 30 M (100 FT) LEVEL. IN 1974, RECON BY VA DIV MIN RES DISCLOSED CAVED PITS AND RUINS OF OLD PLANT SITE.

## PRODUCTION

YES  
 SMALL PRODUCTION

## ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML				6-10	OZ AU/T PYRITE
2 AU SML				6-10	OZS. AU PER TON PYRITE.

PRODUCTION COMMENTS..... 10-15 TONS OF ORE PRODUCED EACH DAY. ORE AVERAGED \$20.00 PER TON. OPERATED OVER A YEAR AROUND 1937

## RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 AU SML					

## POTENTIAL RESOURCES (EXCLUSIVE OF RESERVES)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE SML					

COMMENTS (POT RESOURCES)..... WITH THE NUMBER OF ROCKHOUNDS WHO HAVE BEEN IN THE MINE, THERE IS PROBABLY VERY LITTLE ORE LEFT.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL(?)  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GNEISS

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL (?)  
 IGNEOUS ROCK TYPES..... MAFIC ROCKS (NOT DESCRIBED)

AGE OF MINERALIZATION..... POST DEV

PERTINENT MINERALOGY..... QUARTZ, GALENA, CHALCOPYRITE, BORNITE, CHLORITE, SERICITE, FELDSPAR, TALC

IMPORTANT ORE CONTROL/LOCUS.. GOLD-BEARING WALL ROCK

GEOLOGICAL DESCRIPTIVE NOTES. THE AGE OF THE HOST ROCK IS UNCERTAIN ACCORDING TO THE STATE GEOLOGIC MAP. REF. 1 (1937) SAYS COUNTRY ROCK IS ALTERED GNEISS, BUT STATE MAP INDICATES GREENSTONE VOLCANICS.

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 REGIONAL TRENDS..... NORTHEAST-SOUTHWEST  
 TECTONIC SETTING..... PIEDMONT

MAJOR LITHOLOGIC/STRATIGRAPHIC UNITS:  
 SCHIST & GNEISS

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: SCHIST (WISSAHICKON FORM. (??))  
 AGE: EPAL 7  
 2) NAME: EPAL  
 3) NAME: ALLUVIUM  
 AGE: QUAT  
 4) NAME: MAFIC ROCKS (CHOPAWAMASIC FORM. (??))  
 AGE: EPAL(7)

## NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: MAFIC ROCKS (CHOPAWAMASIC FORM. (??))  
 AGE: EPAL(7)

## SIGNIFICANT LOCAL STRUCTURES:

AVERAGE SCHISTOSITY STRIKES N 15 DEG E

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 SILICEOUS FLUID AND GOLD-BEARING WALLROCK.

## COMMENTS (GEOLOGY AND MINERALOGY):

FOR LATEST GEOLOGIC MAPPING, SEE DRAKE, A. A. JR. AND FROELICH, A. J. 1977. BEDROCK MAP OF FAIRFAX COUNTY, VIRGINIA: US GEOL SURV OPEN FILE MAP 77-523. JOHNSTON (1964) AND DRAKE AND FROELICH (1977) REFER TO SCHIST AS WISSAHICKON FORMATION AND BOULDER GNEISS (DIAMICTITE PARAGNEISS) AS SWYKESVILLE "FORMATION" (A UNIT OF THE WISSAHICKON). DRAKE AND FROELICH (1977) REFER TO MAFIC ROCKS AS MEMBERS OF THE CHOPAWAMASIC FORMATION. BOULDER GNEISS OCCURS A SHORT DISTANCE WNW OF MINE. MAFIC ROCKS OCCUR ABOUT 0.1 KM DISTANT IN FLEXURE ENCIRCLING MINE TO THE SOUTH FROM EAST TO WEST.

## GENERAL COMMENTS

ANOTHER RELATED REFERENCE IS REED, J. C. JR. AND REED, J. C. 1969. GOLD VEINS NEAR GREAT FALLS, MARYLAND: U S GEOL SURV BULL 1286, 22 P.

## GENERAL REFERENCES

1) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES. PUBLICATION 19, 77 P.  
 2) ULKE, T., 1937. NOTES ON A NEW GOLD MINE AND FLOTATION MILL NEAR WASHINGTON, D. C.: ROCKS AND MINERALS, V 12, P 371  
 3) ULKE, T., 1939. GOLD MINING PAST AND PRESENT NEAR WASHINGTON, D. C.: ROCKS AND MINERALS, V 14, P 299-305.  
 4) JOHNSTON, P. M., 1964. GEOLOGY AND GROUND WATER RESOURCES OF WASHINGTON, D. C. AND VICINITY: U S GEOLOGICAL SURVEY WATER SUPPLY PAPER 1776, 97 P.

## BULL NECK RUN MINE (See Bull Neck Mine)

## FAUQUIER COUNTY

## BANCROFF MINE (See Bancroft Mine)

## BANCROFT MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000334  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-003  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... WRIGH  
 T., NANCY A.  
 DATE..... 72  
 04  
 UPDATED..... 79  
 06  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

## NAME AND LOCATION

DEPOSIT NAME..... BANCROFT MINE  
 SYNONYM NAME..... BANCROFF MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

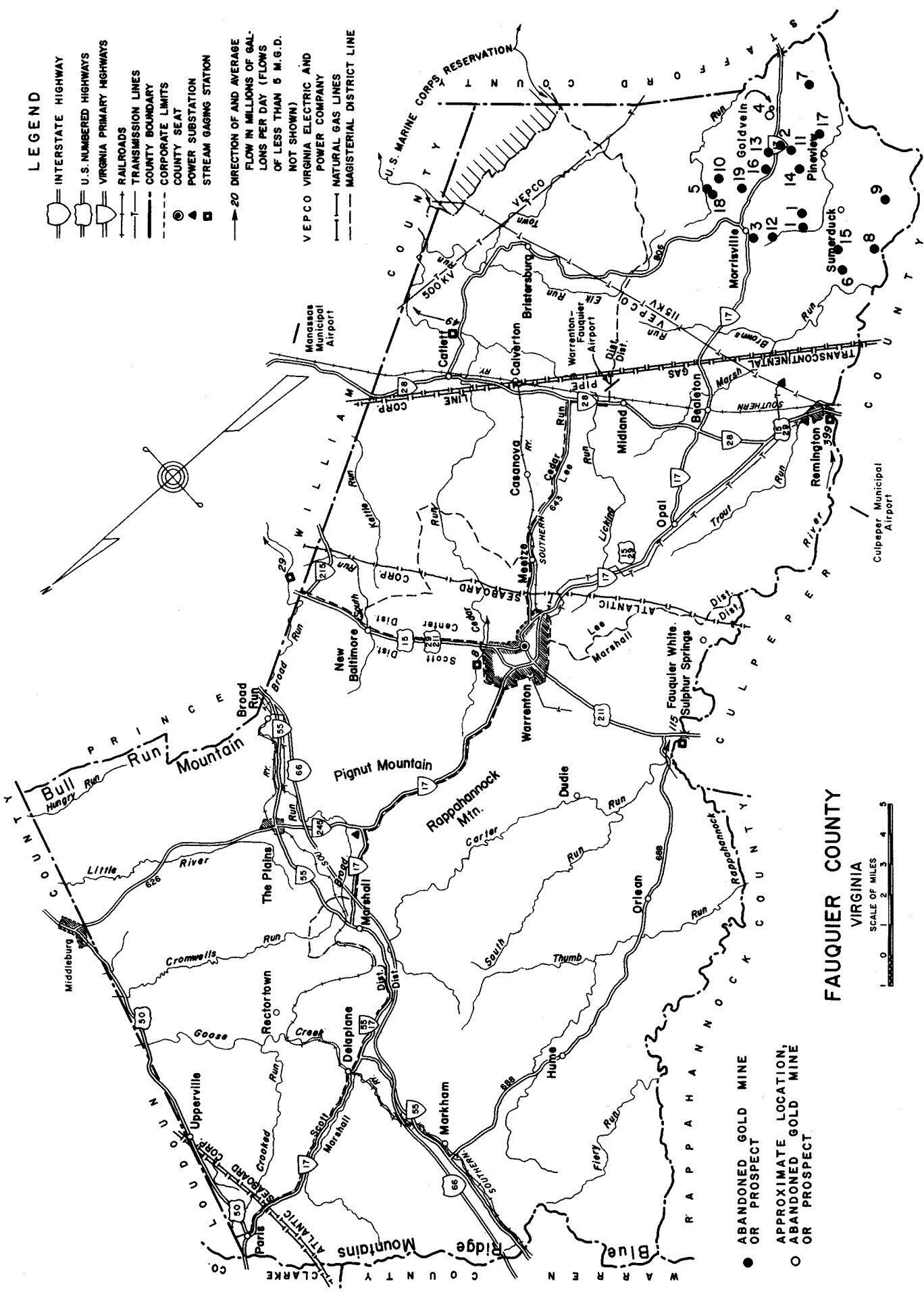
COUNTY..... FAUQUIER  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE 1: 24000 QUAD NO OR NAME RICHARDSVILLE



LEGEND

- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- COUNTY BOUNDARY
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- 20 DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- VEPCO VIRGINIA ELECTRIC AND POWER COMPANY
- NATURAL GAS LINES
- MAGISTERIAL DISTRICT LINE



FAUQUIER COUNTY

VIRGINIA



- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

## FAUQUIER COUNTY

1. Bancroft (Bancroff) (two mines)
2. Cool Spring (Stringfellow)
3. Embrey (Embry)
4. Emigold
5. Franklin (Deep Run)
6. Gamewood
7. Johnston
8. Kelly (Kelley)
9. Kidwell
10. Kirk
11. Liberty
12. Liepold (Leopold, Stone)
13. Little Elliot
14. Pine View
15. Pollard (Polland)
16. Randolph (Sugar) (two shafts, not shown separately)
17. Union
18. Waterman
19. Wykoff (Wycoff, Wyckoff, Quartz)

COOL SPRING PROSPECT

LATITUDE 38-28-47N LONGITUDE 077-43-14W  
 UTM NORTHING 4262340. UTM EASTING 262680. UTM ZONE NO +18  
 ALTITUDE 355 FT (108 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.15 MI (1.85 KM) NE OF SUMERDUCK  
 LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF EAST SIDE OF STATE ROAD 632, 1.7 MI (2.7 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 615. ADDITIONAL SITE AT UTM N 4261490., E 263260 (ZONE +18).  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT): MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.): NATIVE GOLD  
 COMMODITY COMMENTS:  
 NO EVIDENCE AS TO THE MINERALIZATION CAN BE OBTAINED BECAUSE OF A LACK OF EXPOSURES. (LONSDALE REFERENCE)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1876 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1876  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1876 DIREXPL SAMUEL BANCROFT; BEGAN MINING OPERATION  
 2) 1974 RECON VA DIV MIN RES; LOCATED MINE  
 EXPLOR. AND DEVELOP. COMMENTS:  
 MINE HAS NOT BEEN WORKED SINCE 1902. OPERATIONS APPARENTLY BEGAN IN 1876, AND CONTINUED INTERMITTENTLY UNTIL 1902.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT AND SMALL DUMP EVIDENT. IN 1877 FOUR SHAFTS WITH CONNECTING LEVELS HAD BEEN SUNK AND ORE TO THE AMOUNT OF 500 TONS AVERAGING \$13 TO \$15 PER TON IN VALUE WAS ON THE DUMP.

PRODUCTION  
 YES  
 SMALL PRODUCTION  
 ANNUAL PRODUCTION (ORE,COMMOD.,CONC.,OVERBURD.)  
 CUMULATIVE PRODUCTION (ORE,COMMOD.,CONC.,OVERBUR.)  

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE,REMARKS
15 ORE ACC		0000.035	TONS	1875-1877	\$13 TO \$15/TON

 SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL REFERENCE

RESERVES AND POTENTIAL RESOURCES  

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	SML				

 COMMENTS (RESERVES/POT RESOURCES).. THERE IS PROBABLY A SMALL AMOUNT OF LOW GRADE ORE AT THE SITE.

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 GENERAL COMMENTS  
 IN 1877 THERE WERE 4 SHAFTS WITH CONNECTING LEVELS. THE MINE WAS LAST OPERATED IN 1902.

GENERAL REFERENCES  
 1) LONSDALE, J. T., 1927, VA. GEOL. SURVEY BULL. 30, P. 78-79.  
 2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 13.  
 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 4) MURTON, J. H., 1877, THE GOLD MINES OF FAUQUIER COUNTY, VIRGINIA: ENGINEERING AND MINING JOURNAL, VOL. 24, P. 345.

RECORD IDENTIFICATION  
 RECORD NO..... W030556  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... COOL SPRING PROSPECT  
 SYNONYM NAME..... STRINGFELLOW PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... FAUQUIER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA  
 LATITUDE LONGITUDE  
 38-27-41N 077-40-17W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4260180. 266920. +18  
 ALTITUDE.. 290 FT (88 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.25 MI (2.01 KM) NW OF GOLDSVEIN.

LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF THE SW SIDE OF U.S. HWY 17 ABOUT 0.65 MI (1.05 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 651.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT): MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.): PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 4  
 YEAR OF DISCOVERY..... 1875 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1875 (?)  
 PRESENT/LAST OWNER..... THE CHESAPEAKE CORP.  
 PRESENT/LAST OPERATOR... WILLIAM SHIRLEY  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1875 STRINGFELLOW MINING CO.  
 2) 1878 DIREXPL WILLIAM SHIRLEY, PROSPECTED  
 3) 1974 RECON VA. DIV. MIN RES. LOCATED MINE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, TWO CAVED PITS, 3 M X 1.5 M X 1.2 M DEEP (10 FT X 5 FT X 4 FT DEEP), AND DUMPS EVIDENT.

PRODUCTION  
 NO PRODUCTION  
 SMALL PRODUCTION  
 UNDETERMINED  
 PRODUCTION COMMENTS.... PRODUCTION FIGURES NOT AVAILABLE, BUT DOUBTFUL IF FULLY DEVELOPED.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL (?)  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: (CHOPAWAMSI FORMATION ?)  
 AGE: EPAL (?)  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK GEOLOGY EXTRAPOLATED FROM LONSDALE (1927): LATEST GEOLOGIC WORK AVAILABLE.

## GENERAL COMMENTS

STRINGFELLOW MINING CO SOLD 754 ACRES TO WILLIAM SHIRLEY IN 1878. IN 1914 SAID TO BE IDLE. SOLD IN 1917 AT PUBLIC AUCTION. ORIGINAL SALE PROBABLY INCLUDED LAND OF LITTLE ELLIOT MINE. IN 1879, BOUNDED ON NORTH BY WYKOFF TRACT, ON WEST BY LAND OWNED BY MS. MEREDITH ESKRIDGE AND ON SOUTH BY THE LIBERTY GOLD MINE.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) DUNLOP, J.P., 1916, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1914. (MINES REPORT), IN U.S. GEOLOGICAL SURVEY, MINERAL RESOURCES OF THE UNITED STATES, 1914, PART 1-METALS: P. 139-163.
- 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## DEEP RUN MINE (See Franklin Mine)

## EMBREY MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030557  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... EMBREY MINE  
 SYNONYM NAME..... EMBREY MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAUQUIER  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MIDLAND, VA.

LATITUDE LONGITUDE  
 38-30-11N 077-42-15W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4264900. 264190. +18

ALTITUDE.. 400 FT (122 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.65 MI (1.05 KM) WEST OF MORRISVILLE.

LOCATION COMMENTS: 0.15 MI (0.24 KM) SW OF JUNCTION OF STATE ROAD 835 AND U.S. HWY 17.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU AG

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 MINOR PRODUCTS.. AG

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

## COMMODITY COMMENTS:

ASSAYED AT \$42 PER TON (MORTON, 1877).

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1877 (7)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1877 (7)  
 PRESENT/LAST OWNER..... EUGENE L. AND MARY JANE BROOKS

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1877 DIREXPL PRODUCING ORE  
 2) 1974 RECON VA. DIV. MIN. RES.: MINE LOCATED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 11 VEINS OPENED UP.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS(DESCRIP. OF WORKINGS):

36.5 M X 7.6 M X 6.9 M DEEP TRENCH VISIBLE IN 1974, IN ADDITION TO 4 LESSER TRENCH CUTS AND DUMPS SHAFT SUNK IN LARGEST TRENCH, NOW WATER FILLED.

## PRODUCTION

YES  
 SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 AGE: METAMORPHOSED SEDIMENTARY ROCKS

## COMMENTS (GEOLOGY AND MINERALOGY):

LONSDALE (1927) DOES NOT LIST THIS MINE.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) MORTON, J. H., 1877, THE GOLD MINES OF FAUQUIER COUNTY, VIRGINIA: ENGINEERING AND MINING JOURNAL, V. 24, P. 345.
- 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## EMBRY MINE (See Embrey Mine)

## EMIGOLD MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030558  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... EMIGOLD MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAUQUIER  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O0

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
 38-27- N 077-40- W

POSITION FROM NEAREST PROMINENT LOCALITY: NEAR GOLDFEIN, VA., EXACT LOCATION UNKNOWN.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):

MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION (7)  
 AGE: EPAL (7)

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) MCCASKEY, H.D., 1913, PRECIOUS AND SEMIPRECIOUS METALS IN THE EASTERN STATES IN 1912. (MINE PRODUCTION). IN U.S. GEOLOGICAL SURVEY, MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR, 1912, PART 1-METALS: P. 417-436.

3) MCCASKEY, H.D., 1914, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1913. (MINES REPORT), IN U.S. GEOLOGICAL SURVEY, MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR, 1913, PART 1-METALS: P. 173-196.

**FRANKLIN MINE**

**RECORD IDENTIFICATION**  
 RECORD NO. .... W000345  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID ..... VDMR  
 DEPOSIT NO. .... GK-001  
 MAP CODE NO. OF REC..  
**REPORTER**  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 O4  
 UPDATED ..... 82  
 O1  
 BY ..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME ..... FRANKLIN MINE  
 SYNONYM NAME ..... DEEP RUN MINE  
**MINING DISTRICT/AREA/SUBDIST.** GOLD-PYRITE BELT  
**COUNTRY CODE** ..... US  
 COUNTRY NAME: UNITED STATES  
**STATE CODE** ..... VA  
 STATE NAME: VIRGINIA  
**COUNTY** ..... FAUQUIER  
**DRAINAGE AREA** ..... O2 RAPPAHANNOCK RIVER  
**PHYSIOGRAPHIC PROV.** ..... O2 PIEDMONT PROVINCE  
**LAND CLASSIFICATION** ..... O1  
**QUAD SCALE** ..... QUAD NO OR NAME  
 1: 24000 ..... MIDLAND, VA  
**LATITUDE** ..... LONGITUDE  
 38-30-09N ..... 077-39-39W  
**UTM NORTHING** ..... UTM EASTING ..... UTM ZONE NO  
 4264710. .... 267970. .... +18  
**ALTITUDE** .. 335 FT (102 M)  
**POSITION FROM NEAREST PROMINENT LOCALITY:** 1.75 MI (2.82 KM) EAST OF MORRISVILLE.  
**LOCATION COMMENTS:** 1350 FT (405 M) ALONG A DIRT ROAD OFF NORTH SIDE OF

STATE ROAD 634, 1.55 MI (2.49 KM) BY ROAD EAST OF JUNCTION WITH STATE ROAD 806.

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT ..... AU AG CU SE

**PRODUCER(PAST OR PRESENT):**  
 MAJOR PRODUCTS.. AU

**OCCURRENCE(S) OR POTENTIAL PRODUCT(S):**  
 POTENTIAL .....  
 OCCURRENCE ..... AG CU SE

**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 AURIFEROUS PYRITE, NATIVE GOLD, NATIVE SILVER, CHALCOOPYRITE, CHALCOCITE

**COMMODITY COMMENTS:**  
 THE GANGUE MATERIAL IS QUARTZ, CHLORITE, ANKERITE, AND CALCITE. THE QUARTZ VEINS ARE MASSIVE AND OCCUR IN A MINERALIZED SHEAR ZONE, IN SERICITIZED AND SILICIFIED QUARTZ DIORITE NEAR THE BORDER OF THE SOMERVILLE GRANITE. BANDS AND STREAKS OF SERICITE SCHIST BEND AROUND LENSES OF QUARTZ IN THE VEINS; IN PLACES THE VEINS GRADE INTO SILICIFIED REPLACEMENT BODIES. (LUTTRELL REF) SELENIUM HAS BEEN REPORTED, BUT NOT VERIFIED

**ANALYTICAL DATA(GENERAL)**  
 CREDNER REPORTED ORE VALUES VARIED FROM AS LOW AS \$6 PER TON TO AS HIGH AS \$30 PER TON.

**MINERAL ECONOMICS FACTORS**

**ECONOMIC COMMENTS:**  
 IN 1936 THE GOVT. FROZE PRODUCTION OF GOLD MINING EQUIPMENT FOR DEFENSE PURPOSES. SO MINE WAS FORCED TO CLOSE DOWN. (FAUQUIER DEMOCRAT REF.)

**EXPLORATION AND DEVELOPMENT**

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... PRE-1825  
 NATURE OF DISCOVERY ..... B  
 YEAR OF FIRST PRODUCTION. 1825  
 PRESENT/LAST OWNER ..... INTERSTATE SERVICE CORP  
 PRESENT/LAST OPERATOR ..... BREWSTER HELM

**WORK DONE BY OTHER ORGANIZATIONS**

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1825 DIREXPL MINE OPENED  
 2) 1933 DIREXPL FRANKLIN MINING AND MILLING CO FORMED BY INTERSTATE SERVICE CORP AND MR ANDREW A ZANGARA.  
 3) 1935 OTHER FRANKLIN MINING AND MILLING CO CLOSED MINE  
 4) 1964 DIREXPL BREWSTER HELM, UNSUCCESSFUL ATTEMPT TO REOPEN

**EXPLOR. AND DEVELOP. COMMENTS:**

IN 1935 THE MINE WAS CLOSED AFTER 7 DIAMOND DRILL HOLES FAILED TO JUSTIFY LARGE-SCALE OPERATIONS.

**DESCRIPTION OF DEPOSIT**

**DEPOSIT TYPES:**  
 QUARTZ VEINS  
**FORM/SHAPE OF DEPOSIT:** PINCH AND SWELL

**SIZE/DIRECTIONAL DATA**

SIZE OF DEPOSIT ..... SMALL  
 DEPTH TO TOP ..... 15 M  
 DEPTH TO BOTTOM ..... 88 M  
 MAX WIDTH ..... 3 M  
 STRIKE OF OREBODY ..... N47DEGE  
 DIP OF OREBODY ..... ABT 70DEGE

**COMMENTS(DESCRIPTION OF DEPOSIT):**

THE 2 MAIN VEINS ARE CALLED FRANKLIN AND HOUSE VEINS. THE VEINS ARE PARALLEL, BUT 91.5 M (300 FT) APART, AND EACH WAS 1.8 TO 3 M (6 TO 10 FT) WIDE. THE GANGUE IS QUARTZ WITH DISSEMINATED IRON OXIDE, PYRITE, CHALCOOPYRITE AND FREE GOLD.

**DESCRIPTION OF WORKINGS**

DEPTH OF WORKINGS BELOW SURFACE. 15,46.88 M  
 LENGTH OF WORKINGS ..... 609(?) M

**COMMENTS(DESCRIP. OF WORKINGS):**

THE VEINS WERE DEVELOPED BY A 300 FT. SHAFT WITH LEVELS AND DRIFTS AT THE ABOVE MENTIONED DEPTHS. CREDNER REPORTED WORKINGS ON THE NORTHERN VEIN CONSISTED OF (1) A SHAFT 32 M (106 FT) DEEP WHICH CUT THE VEIN AT A DEPTH OF 18 M (60 FT), AND FROM THAT POINT THE SHAFT FOLLOWED THE VEIN DOWNWARD (2) AN AIR SHAFT, 15 M (50 FT) DEEP, TO VENTILATE THE LOWER PARTS OF THE MINE (3) ANOTHER SHAFT, FURTHER SOUTH, 18 M (60 FT) DEEP, FROM WHICH A CROSSCUT TOWARDS THE SOUTHERN LODE WAS STARTED BUT NOT FINISHED. THE OUTCROP OF THIS NORTHERN LODE HAD BEEN EXCAVATED FOR A DISTANCE OF 152 M (500 FT) AND AN AVERAGE DEPTH OF 8 M (25 FT), ON THE SOUTHERN LODE A SHAFT 12 M (40 FT) DEEP HAD BEEN SUNK OPPOSITE SHAFT NO. 3, OF THE NORTHERN VEIN. IN SINKING THIS SHAFT A PDCCKET WAS FOUND WHICH YIELDED \$700 GOLD IN 3 DAYS. THE QUARTZ ON THE DUMP WAS STAMPED IN IRON HAND-MORTARS, WHICH YIELDED \$1 TO \$2 A DAY PER MAN. TAILINGS FROM THE MILL, 600 TO 700 TONS AT THE TIME OF CREDNER'S VISIT IN 1865, CONTAINED ON THE AVERAGE, \$6 GOLD PER TON. PARK (1936) STATED THE WORKINGS CONSISTED OF A SHAFT 91.5 M (300 FT) DEEP, A 15-M LEVEL ABOUT 73 M (240 FT) LONG THAT WAS CAVED IN ITS WESTERN PART, A PUMPING STATION AT 25 M (81 FT) BELOW THE SHAFT COLLAR AND EXTENDS 11 M (36 FT) FROM THE SHAFT, A 46-M LEVEL CONTAINING 396 M (1300 FT) OF WORKINGS THAT WERE BEING ACTIVELY EXTENDED, AND A 88-M (290-FT) LEVEL CONTAINING 290 M (950 FT) OF DRIFTING WHICH WAS ALSO BEING EXTENDED.

**PRODUCTION**

YES  
 SMALL PRODUCTION

**ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE	ACC	0000001	TONS	1902	TAILINGS

**CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE	ACC	00000100	TONS	1837 - 1877	VALUED AT \$12/TON

**SOURCE OF INFORMATION (PRODUCTION):** LUTTRELL REFERENCE

**PRODUCTION COMMENTS:** NO MENTION IN THE LITERATURE OF THE GRADE OF THE ORE, EXCEPT THAT MINERALIZED QUARTZ CONTAINED .15-.20 OZ. AU PER TON.

**RESERVES AND POTENTIAL RESOURCES**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	ACC	SML			

**COMMENTS (RESERVES/POT RESOURCES):** THERE IS PROBABLY A SMALL AMOUNT OF AURIFEROUS ORE, BUT NOT ENOUGH FOR COMMERCIAL PRODUCTION.

**RESERVES ONLY**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	ACC	SML			

**GEOLOGY AND MINERALOGY**

HOST ROCK TYPES ..... QUARTZ DIORITE, SERICITE SCHIST, MYLONITE(?)  
 IGNEOUS ROCK TYPES ..... QUARTZ DIORITE, DIABASE

**PERTINENT MINERALOGY:** QUARTZ, SERICITE, ANKERITE

**IMPORTANT ORE CONTROL/LOCUS:** SHEAR ZONES

**GEOLOGICAL DESCRIPTIVE NOTES:** COUNTRY ROCK IS ALTERED AND SHEARED.

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

**REGIONAL GEOLOGY**  
 REGIONAL TRENDS ..... NORTHEAST-SOUTHWEST  
 TECTONIC SETTING ..... PIEDMONT

**MAJOR LITHOLOGIC/STRATIGRAPHIC UNITS:**  
 SCHIST DIORITE, GRANITE

**COMMENTS THE QTZ VEINS ARE IN A MINERALIZED SHEAR ZONE IN SERICITIZED AND SILICIFIED QTZ DIORITE.**

**LOCAL GEOLOGY**

**NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES**  
 1) NAME: SOMERVILLE GRANITE

AGE: (?)  
 2) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 AGE: (?)  
 3) NAME: DIABASE DIKE  
 AGE: TRI

**NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES**

1) NAME: SOMERVILLE GRANITE  
 AGE: (?)  
 2) NAME: DIABASE DIKE  
 AGE: TRI

**SIGNIFICANT LOCAL STRUCTURES:**  
 FAULTING(?)

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
THERMAL FLUIDS

## COMMENTS (GEOLOGY AND MINERALOGY):

IN PLACES THE QTZ VEINS GRADE INTO SILICIFIED REPLACEMENT BODIES EVIDENCE OF MOVEMENT ALONG THE VEIN FISSURES IS SHOWN BY SHEARED AND SCHISTOSE NATURE OF INTRUSIVE ROCK NEAR THE VEINS. IN PLACES, QUARTZ OF THE VEINS IS BROKEN AND PARTLY RE-XLIZED; SMALL KIDNEYS HAVE APPARENTLY BEEN ROLLED (PARK, 1936, P 31)

## GENERAL COMMENTS

1964 NEWSPAPER REFERENCE MENTIONS THAT J. B. HELM HOPED TO REOPEN THE MINE IN THE SPRING OF 1965, BUT NO FURTHER ACCOUNT MENTIONS WHETHER OR NOT HE EVER DID.

## GENERAL REFERENCES

- 1) LUTTRELL, G W. 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 2) THE FAUQUIER DEMOCRAT, AUG. 20, 1964, P. 1
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) PARK, C F, JR., 1936, PRELIMINARY REPORT ON GOLD DEPOSITS OF THE VIRGINIA PIEDMONT: VIRGINIA GEOLOGICAL SURVEY BULLETIN 44, 42 P
- 5) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.

## GAMEWOOD PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W030559  
RECORD TYPE ..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... BEAUL  
IEU (D.C. LE VAN), HARVEY R.  
DATE ..... 79  
06  
UPDATED ..... 81  
10  
BY ..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME ..... GAMEWOOD PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US

COUNTRY NAME: UNITED STATES

STATE CODE ..... VA

STATE NAME: VIRGINIA

COUNTY ..... FAUQUIER

DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER

PHYSIOGRAPHIC PROV. .... 02 PIEDMONT

LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA.LATITUDE LONGITUDE  
38-28-30N 077-44-52WUTM NORTHING UTM EASTING UTM ZONE NO  
4261890. 260300. +18

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.4 KM (1.5 MI) NW OF SUMERDUCK.

LOCATION COMMENTS: 0.56 KM (0.35 MI) S OF INTERSECTION OF STATE ROAD 651 WITH STATE ROAD 637.

## COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLDMAIN ORE MINERALS:  
NATIVE GOLD (?)

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

NATURE OF DISCOVERY ..... A

PRESENT/LAST OWNER ..... T.H. MADDOX, JR.

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS

1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS (DESCRIP. OF WORKINGS):

2 APPARENT CAVED SHAFTS AND SCATTERED QUARTZ ROCKS WHICH APPEAR TO HAVE BEEN CRUSHED WERE REPORTED AT SITE IN 1974

## PRODUCTION

NO PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... EPAL (?)  
HOST ROCK TYPES ..... SCHIST

PERTINENT MINERALOGY ..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING ..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: (CHOPAWAMSI FORMATION

AGE: EPAL (?)

## COMMENTS (GEOLOGY AND MINERALOGY):

NO RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA; FORMATION DESCRIBED BUT NOT NAMED BY LONSDALE (1927).

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## JOHNSTON PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W030560  
RECORD TYPE ..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... BEAUL  
IEU (D.C. LE VAN), HARVEY R.  
DATE ..... 79  
06  
UPDATED ..... 81  
10  
BY ..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME ..... JOHNSTON PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US

COUNTRY NAME: UNITED STATES

STATE CODE ..... VA

STATE NAME: VIRGINIA

COUNTY ..... FAUQUIER

DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER

PHYSIOGRAPHIC PROV. .... 02 PIEDMONT

LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA.LATITUDE LONGITUDE  
38-25-52N 077-39-22WUTM NORTHING UTM EASTING UTM ZONE NO  
4256800. 268140. +18

ALTITUDE.. 230 FT (70 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.9 KM (1.2 MI) S OF GOLDFEIN.

LOCATION COMMENTS: 1.05 KM (0.65 MI) ALONG A WOODS ROAD OFF SE SIDE OF STATE ROAD 809 ABOUT 1.0 KM (0.6 MI) BY ROAD SSW OF ITS INTERSECTION WITH STATE ROAD 615.

## COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLDMAIN ORE MINERALS:  
NATIVE GOLD (?)

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

NATURE OF DISCOVERY ..... A

PRESENT/LAST OWNER ..... W.L. BRICKHILL

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS

1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT:SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT ..... SMALL (?)

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):  
SCATTERED QUARTZ, SEVERAL SMALL PILES OF EITHER DUMP OF BULLDOZED LOGGING MATERIAL, AND GRANITE EXPOSURES REPORTED 1974.

PRODUCTION  
NO PRODUCTION

GEOLOGY AND MINERALOGY  
HOST ROCK TYPES..... GRANITE  
IGNEOUS ROCK TYPES..... GRANITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
AGE: SOMERVILLE GRANITE  
NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
AGE: SOMERVILLE GRANITE

COMMENTS (GEOLOGY AND MINERALOGY):  
COARSE-GRAINED GRANITE; NO RECENT GEOLOGIC WORK HAS BEEN PERFORMED ON THIS AREA. CRYSTALLINE SCHISTS ARE DESCRIBED BUT NOT NAMED IN LONSDALE (1927)

GENERAL COMMENTS  
AREA HAS BEEN LOGGED BY TIMBER COMPANY

GENERAL REFERENCES  
1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS: PART 2: ROCKS AND MINERALS, V. 47, NO. 7-8, P. 435-444.  
3) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**KELLEY MINE (See Kelly Mine)**

**KELLY MINE**

RECORD IDENTIFICATION  
RECORD NO..... W000336  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-005  
MAP CODE NO. OF REC..  
REPORTER  
NAME..... WRIGH  
T, NANCY A.  
DATE..... 72  
O4  
UPDATED..... 79  
O6  
BY..... BEAUL  
IEU, HARVEY R.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... KELLY MINE  
SYNONYM NAME..... KELLEY MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... FAUQUIER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE  
LATITUDE LONGITUDE  
38-27-40N 077-44-58W

UTM NORTHING UTM EASTING UTM ZONE NO  
4260340. 260100. +18

ALTITUDE.. 320 FT (98 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.2 MI (1.9 KM) WEST OF SUMERDUCK

LOCATION COMMENTS: 0.3 KM (0.2 MI) OFF SE SIDE OF END OF FARM ROAD WHICH IS 1.65 KM (1.05 MI) BY ROAD SW OF ITS JUNCTION WITH STATE ROAD 651.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

COMMODITY COMMENTS:  
MINERALOGY NOT REPORTED

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL EXTENSIVELY DEVELOPED SITE; USED CYANIDE PROCESS FOR SEPARATION.  
2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
THIS MINE WAS OPERATED INTERMITTENTLY OVER A LONG PERIOD. IN 1879 THE MINE REPORTEDLY YIELDED FROM \$700 TO \$1000 A WEEK PROFIT. IT WAS LAST WORKED ABOUT 1904. A 10-STAMP MILL WAS BUILT WITH TABLES AND AMALGAM PLATES, BUT IT WAS REMODELED TO USE THE CYANIDE PROCESS FOR TREATING THE ORES, BUT WITH WHAT SUCCESS IS NOT KNOWN.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
STRIKE OF OREBODY..... NE-SW

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 61 M

COMMENTS (DESCRIP. OF WORKINGS):  
IN 1974, THREE CAVED SHAFTS AND NUMEROUS CAVED PITS AND TRENCHES, ROCK FOUNDATIONS, REMAINS OF MACHINERY, AND DUMPS EVIDENT

PRODUCTION  
YES  
SMALL PRODUCTION  
ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS.... NO INDICATION IS GIVEN AS TO THE VOLUME OF ORE PRODUCED.

RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	SML				

COMMENTS (RESERVES/POT RESOURCES).. THERE IS PROBABLY A SMALL AMOUNT OF LOW GRADE ORE NEAR THE SITE.

GEOLOGY AND MINERALOGY  
HOST ROCK TYPES..... SCHIST  
PERTINENT MINERALOGY..... QUARTZ WITH IRON STAINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: METAMORPHOSED SEDIMENTARY ROCKS

COMMENTS (GEOLOGY AND MINERALOGY):  
A REPORT IN THE FREDERICKSBURG (VA) LEDGER OF 15 MAY, 1872 STATED DEPOSITS WERE WITH CARBONATES AND NOT SULPHATES (SIC) AND THE ORE RAN \$60 TO \$100 PER TON.

GENERAL COMMENTS  
THIS MINE HAS OPERATED INTERMITTENTLY OVER A LONG PERIOD. IN 1879 IT SUPPOSEDLY YIELDED FROM \$700 TO \$1000 A WEEK PROFIT. AT ONE TIME THERE WAS A 10-STAMP MILL. A LARGE AND ELABORATE MILL WAS BUILT, AND IN 1927 STILL REMAINED IN GOOD SHAPE.

GENERAL REFERENCES  
1) LONSDALE, J. T., 1927, VA. GEOL. SURVEY BULL. 30, P. 79.  
2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 76.  
3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
4) WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.

**KIDWELL MINE**

RECORD IDENTIFICATION  
RECORD NO..... W000338  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-007  
MAP CODE NO. OF REC..

REPORTER  
NAME..... WRIGH  
T, NANCY A.  
DATE..... 72  
O4  
UPDATED..... 79  
O6  
BY..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... KIDWELL MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAUQUIER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
 38-26-29N 077-44-25W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4258130. 260830. +18

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.45 MI (2.33 KM) SW OF SUMERDUCK.

LOCATION COMMENTS: 1.0 MI (1.6 KM) DOWN PRIVATE ROAD OFF WEST SIDE OF STATE ROAD 632 ABOUT 1.15 MI (1.85 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 651.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1877  
 PRESENT/LAST OPERATOR.... KIDWELL AND SONS

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1877 DIREXPL KIDWELL: DEVELOPED MINE AND SHIPPED ORE.  
 2) 1974 RECON VA DIV MIN RES: LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 A 10-STAMP MILL WAS ERRECTED DURING OPERATIONS.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 LENGTH OF WORKINGS..... 610 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, ABOUT FIFTEEN CAVED PITS AND DEBRIS OF WHITE QUARTZ DUMP MATERIAL NOTED. LUTTRELL STATES 610 M (2000 FT) OF TUNNELS, DRIFTS, AND SHAFTS ON SEVERAL VEINS COMPOSE THE WORKINGS.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE	ACC	000002.5	TONS	1877	
PRODUCTION YEARS.....		1877			

SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL REFERENCE

PRODUCTION COMMENTS.... THE PRODUCTION FIGURE REFERS TO CORE ON THE DUMP.

#### RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	SML				

COMMENTS (RESERVES/POT RESOURCES).. THERE IS PROBABLY A SMALL AMOUNT OF LOW-GRADE ORE NEAR THE SITE.

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... SCHIST (?)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE FACT THAT THE HOST ROCK IS SCHIST IS DERIVED FROM LONSDALE'S PLATE 1.

#### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS

#### GENERAL REFERENCES

- 1) LONSDALE, J. T., 1927, VA. GEOL. SURVEY BULL. 30, PLATE 1.
- 2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 77
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 4) MORTON, J. H., 1877, THE GOLD MINES OF FAUQUIER COUNTY, VIRGINIA: ENGINEERING AND MINING JOURNAL, VOL. 24, P. 345.

## KIRK MINE (See Bull Neck Mine)

## LEOPOLD MINE (See Liepold Mine)

## LIBERTY MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000339  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-008  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 04  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... LIBERTY MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAUQUIER  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
 38-27-12N 077-40-38W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4259310. 266380. +18

ALTITUDE.. 310 FT (95 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.25 MI (2.01 KM) WNW OF GOLDFEIN.

LOCATION COMMENTS: 0.05 MI (0.80 KM) OFF NW SIDE OF STATE ROAD 651, 0.85 MI (1.37 KM) BY ROAD WSW OF JUNCTION WITH US HWY 17.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 AURIFEROUS PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1834  
 PRESENT/LAST OWNER..... CHESAPEAKE CORP OF VA

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1834 DIREXPL FIRST DEVELOPMENT OF MINE  
 2) 1868 DIREXPL LIBERTY MINING CO: EXPANDED DEVELOPMENT  
 3) 1974 RECON VA DIV MIN RES: LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS OPENED IN 1834. BY 1865 A MILL CONTAINING 12 STAMPS ONE CRUSHING APPARATUS, WITH 2 ROLLING BALLS OF 1,000 POUNDS EACH, WHICH MOVE IN A PAN  
 2 CHILEAN MILLS FOR AMALGAMATION AND GRINDING ORE SIFTING APPARATUS  
 ONE AMALGAMATOR WORKING IN CONNECTION WITH SHAPING TUBES AND ONE 70-HORSEPOWER ENGINE. IN 1868 THE LIBERTY MINING CO. EXPANDED DEVELOPMENT. THE MINE WAS CLOSED AND IN DISREPAIR BY 1887. A SECOND SHAFT (THE FIRST SHAFT WAS SUNK TO A DEPTH OF 11 M (35 FT) IN 1868) WAS SUNK IN 1912/1913. A LITTLE PROSPECTING TOOK PLACE IN 1922 AND IN 1935 THE 11 M SHAFT WAS CLEANED OUT, BUT NOTHING OF VALUE WAS FOUND.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.8 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 QUARTZ VEIN IS 1.2 TO 1.8 M (4 TO 6 FT) WIDE, AND CARRIES GOLD AND PYRITE



DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 11. M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED SHAFT ABOUT TWELVE CAVED PITS, AND "HORNET BALLS" WERE NOTED. TWO SHAFTS WERE SUNK AND NUMEROUS PITS DUG DURING THE MINES OPERATION.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML					1834-1860(?)

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 AU	SML				1834-1860(?)
16 AU	SML				1868-1870(?)

PRODUCTION YEARS..... AROUND 1868

SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL REFERENCE.

PRODUCTION COMMENTS.... PRODUCTION MAINLY DURING 1830'S THRU 1860'S.

RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE	SML				

COMMENTS (RESERVES/POT RESOURCES).. THERE IS PROBABLY A SMALL AMOUNT OF LOW GRADE ORE STILL IN THE AREA.

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... SCHIST  
 IGNEOUS ROCK TYPES..... GRANITE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE DEPOSIT IS NEAR THE SCHIST'S CONTACT WITH THE GRANITE.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: SOMERVILLE GRANITE

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: SOMERVILLE GRANITE

GENERAL COMMENTS

IN 1868 THERE WERE A 12-STAMP MILL, 2 CHILEAN MILLS, AND OTHER EQUIPMENT, IN ADDITION TO A 35-FOOT TIMBERED SHAFT AND CAVED PITS. THE MINE WAS REOPENED IN JUNE, 1935. A 35 FT. SHAFT WAS SUNK, BUT NOTHING OF VALUE WAS FOUND. A LITTLE PROSPECTING WAS ALSO DONE IN 1922.

GENERAL REFERENCES

- 1) LONSDALE, J. T., 1927, VA. GEOL. SURVEY BULL. 30, P. 79
- 2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 81
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 4) SWEET, P. C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 21, NO. 1, P. 1-9.
- 5) CREEDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.
- 6) PARDEE, J. T., AND PARK, C. F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: USGS PP 213, 152 P.

LIEPOLD MINE

RECORD IDENTIFICATION	
RECORD NO.....	W030561
RECORD TYPE.....	X1M
COUNTRY/ORGANIZATION..	USGS
INFORMATION SOURCE....	1, 3
FILE LINK ID.....	VDMR
MAP CODE NO. OF REC..	
REPORTER	
NAME.....	MEINT
ZER (D.C. LE VAN), ROBERT E.	
DATE.....	79
OG	
UPDATED.....	81
10	
BY.....	TRIMB
LE, DAVID, C.	

NAME AND LOCATION

DEPOSIT NAME..... LIEPOLD MINE  
 SYNONYM NAME..... LEOPOLD MINE, STONE MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FAUQUIER  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
 38-29-40N 077-42-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4263940. 263970. +18

ALTITUDE.. 405 FT (123 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.85 MI (1.37 KM) SW OF MORRISVILLE.

LOCATION COMMENTS: 0.175 MI (0.282 KM) OFF SOUTH SIDE OF STATE ROAD 634 ABOUT 0.35 MI (0.56 KM) BY ROAD WSW OF JUNCTION WITH STATE ROAD 632 HEADING NORTH.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1887  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1887 (?)  
 PRESENT/LAST OWNER..... C. EDWARDS, S.A. SMITH  
 PRESENT/LAST OPERATOR.... VIRGINIA MINING & DEVELOPMENT CO.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1887 DIREXPL LEOPOLD CO., DEVELOPED MINE  
 2) 1905 DIREXPL VA. MINING & DEVELOPMENT CO., PRODUCED GOLD  
 3) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:

OCT. 1887, LEOPOLD C. BIERWIRTH OF LEOPOLD CO. OF DOVER, N.J. BOUGHT LAND FROM STONE FAMILY, IN OPERATION BY 1894. NO GOLD PRODUCED IN 1906 UNDER VA. MINING AND DEVELOPMENT CO. A 10-STAMP MILL WAS ERCTED ON THIS PROPERTY.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, TWO WATER-FILLED SHAFTS, THREE OPEN CUTS, ROCK FOUNDATIONS AND SCATTERED DUMPS EVIDENT. IN 1906, 10-STAMP MILL REPORTED ON SITE.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: (CHOPAWAMSI FORMATION ?)  
 AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):

GEOLOGY INFERRED FROM LONSDALE (1927)

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) MCCASKEY, H. D., 1907, THE SOUTHERN APPALACHIAN STATES, IN U.S. GEOLOGICAL SURVEY, MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR, 1906: P. 323-333.
- 3) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, J. P. BELL CO., 618 P.
- 4) LONSDALE, J. T., 1927, GEOLOGY OF GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## LITTLE ELLIOT MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000397  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID. .... VDMR  
 DEPOSIT NO. .... GK-006  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T. NANCY A. ....  
 DATE ..... 72  
 04  
 UPDATED. .... 79  
 06  
 BY ..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME ..... LITTLE ELLIOT MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... FAUQUIER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION. .... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE  
 LATITUDE LONGITUDE  
 38-27-50N 077-40-17W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4260450. 266920. +18

ALTITUDE.. 325 FT

POSITION FROM NEAREST PROMINENT LOCALITY: 1.4 MI (2.3 KM) NW OF GOLDVEIN.

LOCATION COMMENTS: 0.05 MI (0.08 KM) OFF NE SIDE OF US HWY 17, 0.8 MI (1.3 KM) BY ROAD NW OF JUNCTION.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD(?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... CHESAPEAKE CORP OF VA

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL MINING OPERATIONS TO HAVE OCCURRED IN EARLY 1900'S(?).  
 2) 1974 RECON VA DIV MIN RES: LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 PROPERTY ACQUIRED IN 1889 BY MR EDWARD D PALMER. MINE HAD CHILEAN MILL.  
 PROSPECTING RESUMED IN 1913, BUT NO ACTIVE MINE DEVELOPED.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE WATER-FILLED AND CAVED SHAFTS, FIVE CAVED PITS, SEVERAL  
 OPEN CUTS AND TRENCHES, REMAINS OF ROCK FOUNDATIONS, AND DUMPS EVIDENT.

PRODUCTION  
 YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML					

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES ..... GREENSTONE SCHIST  
 IGNEOUS ROCK TYPES ..... GRANITE  
 PERTINENT MINERALOGY ..... QUARTZ (CLEAR AND MILKY), PYRITE

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: SOMERVILLE GRANITE

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: SOMERVILLE GRANITE

GENERAL COMMENTS  
 THE LONSDALE REFERENCE ONLY MENTIONS THE MINE TO SAY THAT AUTHENTIC  
 INFORMATION WAS NOT AVAILABLE.

GENERAL REFERENCES  
 1) LONSDALE, J T, 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN  
 PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P  
 2) SWEET, P C, 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P  
 3) SWEET, P C, 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE  
 GOLD-PYRITE BELT, NORTHWESTERN VIRGINIA: VIRGINIA MINERALS, V 21, NO 1,  
 P 1-9.

## PINE VIEW PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. .... W030562  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LE VAN), HARVEY R. ....  
 DATE ..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME ..... PINE VIEW PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... FAUQUIER  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION. .... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
 38-27-22N 077-41-19W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4259640. 265380. +18

ALTITUDE.. 300 FT (91 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.46 KM (2.15 MI) EAST OF  
 SUMERDUCK.

LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF THE EAST SIDE OF STATE ROAD 615  
 ABOUT 1.0 KM (0.6 MI) BY ROAD NORTH OF ITS INTERSECTION WITH STATE ROAD  
 651.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 MINERALOGY NOT REPORTED.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY ..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL (?)

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 2 SMALL CAVED PITS, SCATTERED WHITE QUARTZ, 3 SMALL DUMPS REPORTED 1974.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES ..... GREENSTONE SCHIST, MICA SCHIST, QUARTZ  
 PERTINENT MINERALOGY ..... MICA, QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. IN VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
AGE: METAMORPHOSED IGNEOUS ROCKS

COMMENTS (GEOLOGY AND MINERALOGY):  
NO RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA; ROCK FORMATION IS DESCRIBED BY LONSDALE (1927)

GENERAL REFERENCES

- MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PT. 2: ROCKS AND MINERALS, V. 47, NO 7-8, P. 435-444.
- SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHWESTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**POLLAND MINE (See Pollard Prospect)**

**POLLARD PROSPECT**

RECORD IDENTIFICATION  
RECORD NO. W030563  
RECORD TYPE X1M  
COUNTRY/ORGANIZATION USGS  
INFORMATION SOURCE 1, 3  
FILE LINK ID VDMR  
MAP CODE NO. OF REC.

REPORTER  
NAME BEAUL  
LEU (D.C. LE VAN), HARVEY R.  
DATE 79  
OG  
UPDATED 81  
IO  
BY TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME POLLARD PROSPECT  
SYNONYM NAME POLLAND MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE US  
COUNTRY NAME UNITED STATES

STATE CODE VA  
STATE NAME VIRGINIA

COUNTY FAUQUIER  
DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV. O2 PIEDMONT  
LAND CLASSIFICATION O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
38-28-19N 077-44-07W

UTM NORTHING UTM EASTING UTM ZONE NO  
4261520 261360 +18

ALTITUDE 365 FT (111 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.53 KM (0.95 MI) NW OF SUMERDUCK.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF THE E SIDE OF STATE ROAD 651 ABOUT 1.3 KM (0.8 MI) BY ROAD SE OF ITS INTERSECTION WITH STATE ROAD 637.

COMMODITY INFORMATION  
COMMODITIES PRESENT AU

MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

COMMODITY COMMENTS:  
NO REPORT AS TO MINERALIZATION.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY A  
PRESENT/LAST OWNER CONTINENTAL CAN CO., INC.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL SEVERAL SMALL PROSPECT PITTS DUG  
2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT SMALL ?

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):  
3 CAVED PITTS, THE LARGEST MEASURING 5.5 M X 2M X 1.2 M DEEP, THE SMALLEST MEASURING 5.5 M X 1 M X 0.6 M DEEP, AND 2 SMALL RIM DUMPS OF IRON-OXIDE STAINED WHITE QUARTZ REPORTED 1974.

PRODUCTION  
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS EPAL (?)  
HOST ROCK TYPES SCHIST

PERTINENT MINERALOGY WHITE QUARTZ WITH MINOR IRON-OXIDE STAINING,  
MICA

IMPORTANT ORE CONTROL/LOCUS IN VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES NE-SW TREND  
TECTONIC SETTING PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: (CHOPAWAMSIK FORMATION ?)  
AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
NO RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA; ROCK FORMATION IS DESCRIBED BY LONSDALE, (1927).

GENERAL REFERENCES

- SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHWESTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

**QUARTZ MINE (See Wykoff Mine)**

**RANDOLPH MINE**

RECORD IDENTIFICATION  
RECORD NO. W000335  
RECORD TYPE X1M  
COUNTRY/ORGANIZATION USGS  
INFORMATION SOURCE 13  
FILE LINK ID VDMR  
DEPOSIT NO. GK-004  
MAP CODE NO. OF REC.

REPORTER  
NAME WRIGH  
T, NANCY A.  
DATE 72  
UPDATED 79  
OG  
BY MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME RANDOLPH MINE  
SYNONYM NAME SUGAR MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE US  
COUNTRY NAME UNITED STATES

STATE CODE VA  
STATE NAME VIRGINIA

COUNTY FAUQUIER  
DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV. O2 PIEDMONT  
LAND CLASSIFICATION O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE

LATITUDE LONGITUDE  
38-28-14N 077-40-32W

UTM NORTHING UTM EASTING UTM ZONE NO  
4261210 266580 +18

ALTITUDE 330 FT (101 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.4 MI (3.8 KM) SOUTH OF MORRISVILLE

LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF NE SIDE OF US HWY 17, 0.7 MI (1.1 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 633. ADDITIONAL WORKINGS AT UTM N 4260940, E 266390. (ZONE +18).

COMMODITY INFORMATION  
COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6

NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... THOMAS P MEEHAN

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
RANDOLPH MINING CO OBTAINED LAND IN 1879. SUPPOSEDLY WORKED UNPROFITABLY IN EARLY 1900'S. MILL ESTABLISHED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
NOT MENTIONED-PROBABLY VEIN.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 29 M

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, WATER-FILLED SHAFT, FOUR SHALLOW PITS, AND ROCK AND CONCRETE FOUNDATIONS EVIDENT. SHAFT NAMED NEWMAN SHAFT.

PRODUCTION  
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 ORE	SML					

PRODUCTION COMMENTS..... NO MENTION IS MADE OF PRODUCTION, BUT SINCE IT IS CALLED A MINE IT PROBABLY DID PRODUCE.

GEOLOGY AND MINERALOGY  
HOST ROCK TYPES..... GRAY-GREENISH SCHIST  
PERTINENT MINERALOGY..... QUARTZ, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: METAMORPHOSED SEDIMENTARY ROCKS

GENERAL COMMENTS  
THE LONSDALE REFERENCE ONLY MENTIONS THE MINE TO SAY THAT AUTHENTIC INFORMATION WAS NOT AVAILABLE.

- GENERAL REFERENCES
- 1) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P
  - 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
  - 3) SWEET, P. C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 21, NO. 1, P. 1-9.

STONE MINE (See Liepold Mine)

STRINGFELLOW PROSPECT (See Coal Spring Prospect)

SUGAR MINE (See Randolph Mine)

UNION MINE

RECORD IDENTIFICATION  
RECORD NO..... W030564  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VOMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LE VAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... UNION MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... FAUQUIER  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 RICHARDSVILLE, VA.

LATITUDE LONGITUDE  
38-26-30N 077-41-03W

UTM NORTHING UTM EASTING UTM ZONE NO  
4258030. 265730. +18

ALTITUDE.. 310 FT (95 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.65 MI (2.66 KM) SW OF GOLDVEIN.

LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF SW SIDE OF STATE ROAD 615 ABOUT 0.45 MI (0.72 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 651.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1830 (?)  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1833  
PRESENT/LAST OWNER..... CHESAPEAKE CORP. OF VA.  
PRESENT/LAST OPERATOR.... UNION GOLD MINING CO.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1833 DIREXPL UNION GOLD MINING CO: DEVELOPED  
2) 1974 RECON VA. DIV. OF MIN. RES.: LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
IN 1833, UNION GOLD MINING CO REPORTEDLY SINKING SHAFT TO 500 FT (152 M). SILLIMAN (1837) NOTED HOWEVER THERE WERE NO SHAFTS OR ADITS IN THE MINES OF THE AREA IN 1836.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LENS (?)

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A CAVED SHAFT, A WATER-FILLED SHAFT, TWELVE CAVED PITS AND HILLSIDE CUTS, AND DUMPS WERE EVIDENT. WORKINGS CEASED PRIOR TO CIVIL WAR.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL (?)  
HOST ROCK TYPES..... CHLORITE (?) SCHIST  
IGNEOUS ROCK TYPES..... GRANITE  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: METAMORPHOSED SEDIMENTARY ROCKS (CHOPAWAMSI FORMATION)  
AGE: EPAL (?)  
METAMORPHOSED SEDIMENTARY ROCKS

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
AGE: SOMERVILLE GRANITE

COMMENTS (GEOLOGY AND MINERALOGY):  
MINE SITUATED IN SCHIST AREA WITHIN ZONE MAPPED BY LONSDALE (1927) AS SOMERVILLE GRANITE (POSSIBLE MIGMATIZATION?) CONSIDERED TO BE SAME VEIN AS LIBERTY MINE, 0.9 MI (1.4 KM) TO NE.

GENERAL COMMENTS  
THIS MINE APPARENTLY PRODUCED PRIOR TO CIVIL WAR AND, IF WORKED AFTERWARDS, WAS NOT REPORTED.

- GENERAL REFERENCES
- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
  - 2) SILLIMAN, B., 1837, REMARKS ON SOME OF THE GOLD MINES, AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE, SERIES 1, V. 32, P. 98-133.
  - 3) THE FREE LANCE, 1887, A TRIP THROUGH THE GOLD BELT OF VIRGINIA: FREDERICKSBURG, VA., V. 3, NO. 86
  - 4) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.
  - 5) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.

**WATERMAN MINE**

RECORD IDENTIFICATION  
 RECORD NO. W000333  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 13  
 FILE LINK ID VDMR  
 DEPOSIT NO GK-002  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME WRIGH  
 T, NANCY A.  
 DATE 72  
 O4  
 UPDATED 79  
 O6  
 BY MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME WATERMAN MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY FAUQUIER  
 DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O1

QUAD SCALE 1: 24000 QUAD NO OR NAME MIDLAND, VA  
 LATITUDE 38-30-01N LONGITUDE 077-39-55W  
 UTM NORTHING 4264470. UTM EASTING 267570. UTM ZONE NO +18

ALTITUDE.. 370 FT (113 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.5 MI (2.4 KM) EAST OF MORRISVILLE

LOCATION COMMENTS: 0.3 MI (0.5 KM) OFF NE SIDE OF STATE ROAD 634 ABOUT 0.9 MI (1.4 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 806. ADJOINS FRANKLIN MINE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1877  
 PRESENT/LAST OPERATOR MR ISAAC WATERMAN

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1875 DIREXPL MR ISAAC WATERMAN, BOUGHT AND BEGAN DEVELOPMENT  
 2) 1974 RECON VA DIV MIN RES, LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 BY 1877 HAD 10-STAMP MILL AND SEVERAL SHAFTS, BUT BADLY MANAGED. IN EARLY 1900'S OPERATIONS REPORTED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEINS  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 GOLD APPARENTLY FREE FROM PYRITE

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT AND SHAFT, ROCK FOUNDATIONS, AND COVERED DUMPS EVIDENT. IN 1877 SEVERAL SHAFTS HAD BEEN SUNK.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 ORE SML						

PRODUCTION YEARS..... AROUND 1877

PRODUCTION COMMENTS.... THE LITERATURE DOESN'T MENTION ANY VOLUME OF PRODUCTION, BUT THE MINE WAS PROBABLY NEVER A LARGE PRODUCER.

RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE SML					

COMMENTS (RESERVES/POT RESOURCES)... THERE IS PROBABLY A SMALL AMOUNT OF LOW GRADE ORE.

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... SCHIST, QUARTZ DIORITE  
 IGNEOUS ROCK TYPES..... QUARTZ DIORITE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: SOMERVILLE GRANITE (?)  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: SOMERVILLE GRANITE (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
 ROCK TYPES EXTRAPOLATED FROM DESCRIPTION OF FRANKLIN MINE

GENERAL COMMENTS  
 SEVERAL SHAFTS WERE DEVELOPED. THE MINE WAS A 10-STAMP MILL IN 1877.

GENERAL REFERENCES  
 1) MORTON, J. H., 1877, ENG. MINING JOUR., VOL 24, P. 345  
 2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 140  
 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUB. 19, 77 P.

**WYCKOFF MINE (See Wykoff Mine)**

**WYCOFF MINE (See Wykoff Mine)**

**WYKOFF MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030565  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1.3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE 79  
 O6  
 UPDATED 81  
 IO  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME WYKOFF MINE  
 SYNONYM NAME (WYCOFF, WYCKOFF, QUARTZ) MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY FAUQUIER  
 DRAINAGE AREA O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O1

QUAD SCALE 1: 24000 QUAD NO OR NAME RICHARDSVILLE, VA.

LATITUDE 38-29-13N LONGITUDE 077-40-32W

UTM NORTHING 4263020. UTM EASTING 266640. UTM ZONE NO +18

ALTITUDE.. 340 FT (104M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.17 KM (1.35 MI) SE OF MORRISVILLE.

LOCATION COMMENTS: 0.6 KM (0.4 MI) OFF ENE SIDE OF U.S. HIGHWAY 17 ABOUT 1.0 KM (0.6 MI) BY ROAD N OF ITS INTERSECTION WITH STATE ROAD 633.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL  
 OCCURRENCE PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 AURIFEROUS PYRITE, NATIVE GOLD

MAJOR ORE MINERALS:  
 AURIFEROUS PYRITE

MINOR ORE MINERALS:  
 NATIVE GOLD

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 6-STAMP MILL OPERATED AROUND 1868

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1854 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1854  
 PRESENT/LAST OWNER..... AMOS PANKEY

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1854 DIREXPL WYCKOFF GOLD MINING CO.; EXTENSIVELY DEVELOPED MINE  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

## EXPLOR. AND DEVELOP. COMMENTS:

WHEN CREDNER VISITED THE MINE IN 1865 THE MILL WAS ONLY 5 YEARS OLD  
 AND CONTAINED 6 REVOLVING IRON STAMPS  
 ONE CRUSHING APPARATUS (COST \$6,000), WITH BALLS OF 1,000 POUNDS WEIGHT,  
 REVOLVING IN A PAN  
 A 60 HORSE-POWER ENGINE  
 ONE AMALGAMATOR FOR ALLUVIAL SANDS  
 ONE VERY COMPLICATED CRUSHER AND AMALGAMATOR OF NEW CONSTRUCTION, AND  
 FOUR BOLLERS.

## DESCRIPTION OF DEPOSIT

## DEPOSIT TYPES:

VEIN

## FORM/SHAPE OF DEPOSIT:

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX THICKNESS..... 6 M

## COMMENTS(DESCRIPTION OF DEPOSIT):

3 VEINS DEVELOPED, THE MILL-HOUSE, TUNNEL, AND SLATE VEINS. THE  
 MILL-HOUSE VEIN WAS REPORTED TO BE 6 M (20 FT) THICK.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

OVERALL LENGTH OF MINED AREA.... 40 M

## COMMENTS(DESCRIP. OF WORKINGS):

ABOUT 10 CAVED PITS, TROUGHS AND SHAFT, LARGE QUARTZ DUMPS WITH  
 IRON-OXIDE STAINS REPORTED 1974.

## PRODUCTION

YES

SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. WATSON, 1907, P. 553.

PRODUCTION COMMENTS... EACH OF THE VEINS WERE NAMED: MILL-HOUSE VEIN  
 YIELDED \$41.28/TON; TUNNEL VEIN YIELDED \$41.28/TON; SLATE VEIN GAVE  
 \$89.18/TON; ANOTHER OUTCROPPING VEIN YIELDED \$624.10/TON  
 AND STILL ANOTHER OUTCROP YIELDED \$30.00/TON.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)

HOST ROCK TYPES..... SCHIST, SLATE

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS

## GEOLOGY (SUPPLEMENTARY INFORMATION)

## REGIONAL GEOLOGY

MAJOR REGIONAL STRUCTURES.. NE-SW TREND

TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: (CHOPAWAMSI FORMATION ?)

AGE: EPAL (?)

## COMMENTS (GEOLOGY AND MINERALOGY):

LENTICULAR QUARTZ CONCRETIONS, SOFT TALCOSE SLATE, AURIFEROUS PYRITE; NO  
 RECENT GEOLOGICAL WORK HAS BEEN DONE ON THIS AREA. LONSDALE (192+)  
 DESCRIBES THE ROCK FORMATION

## GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA; J. P. BELL CO., P. 553.
- 3) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.
- 4) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHWESTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

## FLOYD COUNTY

## BLACK RUN PROSPECT

## RECORD IDENTIFICATION

RECORD NO..... W030566

RECORD TYPE..... X1M

COUNTRY/ORGANIZATION. USGS

INFORMATION SOURCE... 1,3

FILE LINK ID..... VDMR

MAP CODE NO. OF REC..

## REPORTER

NAME..... BEAUL

IEU (D.C. LEVAN), HARVEY R.

DATE..... 79

06

## NAME AND LOCATION

DEPOSIT NAME..... BLACK RUN PROSPECT

MINING DISTRICT/AREA/SUBDIST. SOUTHERN SECTION-BLUE RIDGE PROVINCE

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... VA

STATE NAME: VIRGINIA

COUNTY..... FLOYD

DRAINAGE AREA..... 05 LITTLE RIVER

PHYSIOGRAPHIC PROV..... 02 BLUE RIDGE

LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME

1: 24000 FLOYD, VA.

LATITUDE LONGITUDE

36-58- N 080-22- W

UTM NORTHING UTM EASTING UTM IZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 7 KM (4.5 MI) NW OF FLOYD;  
 EXACT LOCATION NOT DETERMINED.

LOCATION COMMENTS: IN THE STREAM BED OF BLACK RUN, WHICH EMPTIES INTO  
 LITTLE RIVER, OFF NE SIDE OF STATE HIGHWAY 8.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYRI PB MO

MAIN COMMOD..... AU

MINOR COMMOD..... PYRI PB MO

ORE MATERIALS (MINERALS, ROCKS, ETC.):

NATIVE GOLD, PYRRHOTITE, MOLYBDENITE, GALENA

MAIN ORE MINERALS:

NATIVE GOLD

MINOR ORE MINERALS:

PYRRHOTITE, MOLYBDENITE, GALENA

## COMMODITY COMMENTS:

OTHER OCCURRENCIES INCLUDE MO

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

NATURE OF DISCOVERY..... A

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS

1) 1978 RECON VA. DIV. OF MINERAL RESOURCES; SITE NOT LOCATED

## DESCRIPTION OF DEPOSIT

## DEPOSIT TYPES:

VEIN

## FORM/SHAPE OF DEPOSIT:

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX WIDTH..... 1.2 M

## COMMENTS(DESCRIPTION OF DEPOSIT):

VEIN WIDTH RANGES FROM 0.9 - 1.2 M; MINERALIZED QUARTZ VEIN.

## DESCRIPTION OF WORKINGS

SURFACE

## COMMENTS(DESCRIP. OF WORKINGS):

WORKINGS NOT LOCATED

## PRODUCTION

NO PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PREC

HOST ROCK TYPES..... MICA SCHIST

PERTINENT MINERALOGY..... QUARTZ, MICA

## GEOLOGY (SUPPLEMENTARY INFORMATION)

## REGIONAL GEOLOGY

MAJOR REGIONAL STRUCTURES.. BLUE RIDGE ANTICLINORIUM, NE-SW TREND

TECTONIC SETTING..... OROGEN

## LOCAL GEOLOGY

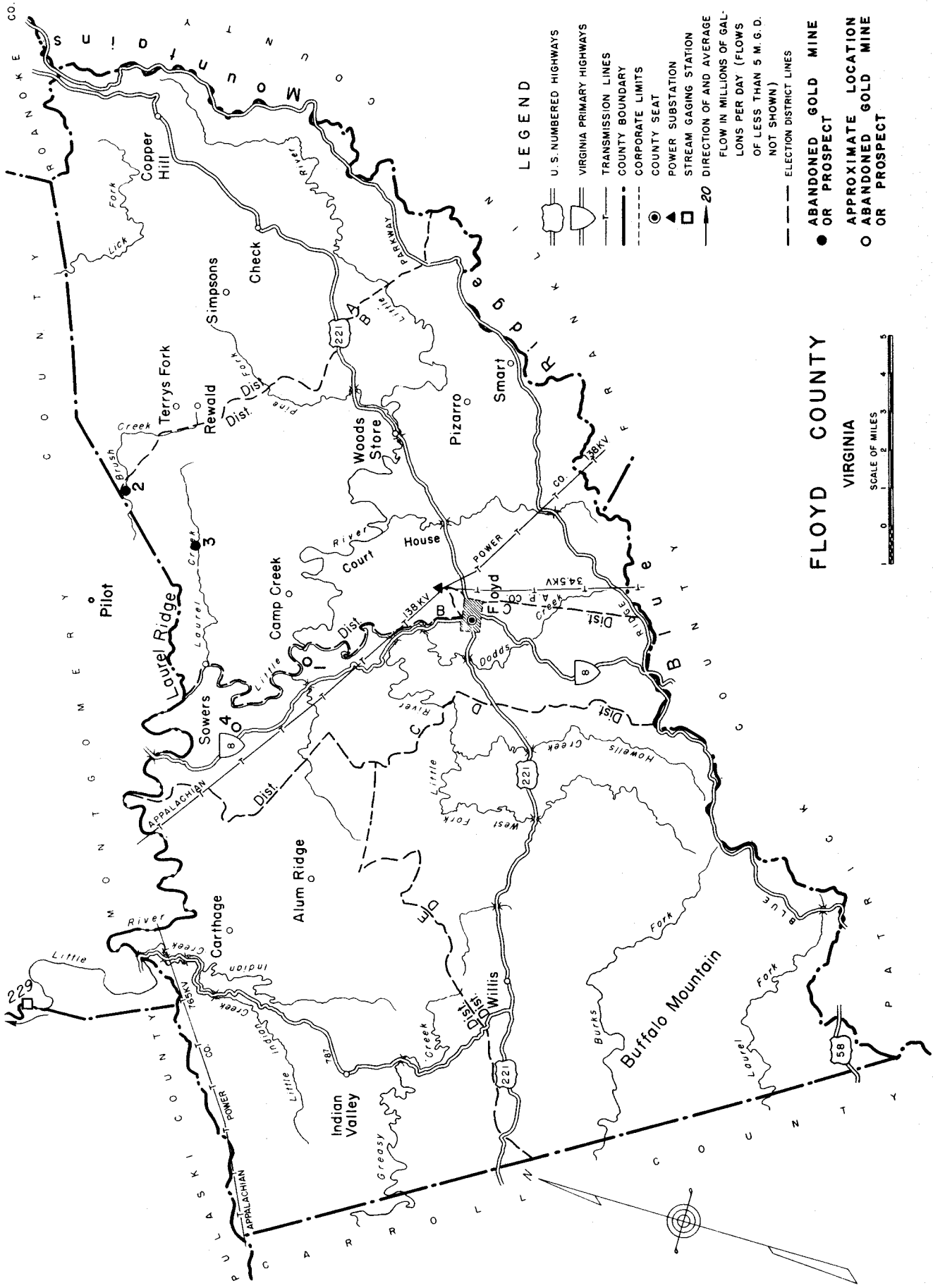
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: LYNCHBURG FORMATION

AGE: PREC

## GENERAL REFERENCES

- 1) SWEET, P. C. AND BELL, S. C., 1980, METALLIC MINERALIZATION IN THE BLUE RIDGE PROVINCE OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, IN PREPARATION
- 2) SWEET, P. C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, NO. 3, P. 25-33.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.



LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- TRANSMISSION LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY ( FLOWS OF LESS THAN 5 M. G. D. NOT SHOWN )
- ELECTION DISTRICT LINES
- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION OF ABANDONED GOLD MINE OR PROSPECT

FLOYD COUNTY  
 VIRGINIA  
 SCALE OF MILES  
 1 2 3 4 5

## FLOYD COUNTY

1. Black Run
2. Brush Creek (Walter's place)
3. Laurel Creek
4. Lester McAlexander (Luster McAlexander)



**BRUSH CREEK PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W030569  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E  
 DATE..... 79  
 05

NAME AND LOCATION  
 DEPOSIT NAME..... BRUSH CREEK PROSPECT  
 SYNONYM NAME..... WALTERS PLACE PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. SOUTHERN SECTION-BLUE RIDGE PROVINCE  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLOYD-MONTGOMERY  
 DRAINAGE AREA..... 05 NEW RIVER  
 PHYSIOGRAPHIC PROV..... 02 BLUE RIDGE  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PILOT, VA

LATITUDE LONGITUDE  
 37-03-12N 080-18-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4100810. 561200. +17

ALTITUDE.. 2320 FT (707M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.9 MI (4.7 KM) EAST OF PILOT.

LOCATION COMMENTS: ALONG BRUSH CREEK AND ITS TRIBUTARIES, NW OF LAUREL RIDGE AND SE OF PILOT MOUNTAIN; ADDITIONAL SITE UTM N 4100370., E 560420. (ZONE +17).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 MINOR PRODUCTS.. AG

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

COMMODITY COMMENTS:  
 THE GOLD CONTAINS ABOUT 32 PERCENT SILVER

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1879  
 BY WHOM..... J.M. THOMAS  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1879

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1890 DIREXPL MR. HAWKS. ERECTED STAMP MILL.  
 2) 1920 OTHER MR DANIEL WALTERS. HAND PANNING & SLUICING.  
 3) 1972 RECON VA. DIV. MIN RES., EVIDENCE OF PLACER WORKINGS.

EXPLOR. AND DEVELOP. COMMENTS:  
 IN 1972 THERE WAS EVIDENCE OF EXTENSIVE PLACER WORKINGS ALONG BRUSH CREEK; NO OLD SLUICES OR EQUIPMENT REMAIN ON THE SITE.

**DESCRIPTION OF DEPOSIT**

DEPOSIT TYPES:  
 DISSEMINATED, PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 GOLD EXISTED AS DISSEMINATED IN GNEISS AND AS ALLUVIAL GRANULES. ALSO IN PYRITIC QUARTZ VEINS.

**DESCRIPTION OF WORKINGS**  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 AREA 32 KM LONG BY 6 KM WIDE PROSPECTED.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. DIETRICH (1959)

PRODUCTION COMMENTS.... MORE THAN \$30,000 OF GOLD WAS REPORTEDLY RECOVERED FROM PROSPECT.

**GEOLOGY AND MINERALOGY**

AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... GNEISS

PERTINENT MINERALOGY..... QUARTZ, PYRITE, FELDSPAR, NATIVE IRON (?)

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. BLUE RIDGE ANTICLINORIUM, NE-SW TREND  
 TECTONIC SETTING..... OROGEN

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: LITTLE RIVER GNEISS  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 FRIES FAULT

COMMENTS (GEOLOGY AND MINERALOGY):  
 DIETRICH (1959) STATES "LODE" FROM WHICH PLACER AND/OR RESIDUAL GOLD WAS DERIVED PROBABLY IS COVERED, IF PART OF IT STILL EXISTS.

**GENERAL REFERENCES**

- 1) SWEET, P.C. AND BELL, S.C., 1980. METALLIC MINERALIZATION IN THE BLUE RIDGE PROVINCE OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES IN PREPARATION.
- 2) LUTTRELL, G.W., 1966. BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES MINERAL RESOURCES REPORT 7, 167 P
- 3) DIETRICH, R.V., 1959. GEOLOGY AND MINERAL RESOURCES OF FLOYD COUNTY OF THE BLUE RIDGE UPLAND, SOUTHWESTERN VIRGINIA: VIRGINIA POLYTECHNIC INSTITUTE ENGINEERING EXPERIMENT STATION SERIES, BULLETIN NO. 134, 160 P.
- 4) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**LAUREL CREEK MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W030567  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 05  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... LAUREL CREEK MINE  
 MINING DISTRICT/AREA/SUBDIST. SOUTHERN SECTION-BLUE RIDGE PROVINCE  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLOYD  
 DRAINAGE AREA..... 05 NEW RIVER  
 PHYSIOGRAPHIC PROV..... 02 BLUE RIDGE  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PILOT, VA.

LATITUDE LONGITUDE  
 37-01-17N 080-19-22W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4097270. 560250. +17

ALTITUDE.. 2300 FT (701 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3 MI (5 KM) SE OF PILOT.

LOCATION COMMENTS: ALONG LAUREL CREEK AND ITS TRIBUTARIES OFF SE SIDE OF LAUREL RIDGE

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1879  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1879

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1879 DIREXPL PRODUCED GOLD.  
 2) 1972 RECON VA. DIV. MIN. RES. LOCATED WORKINGS.

EXPLOR. AND DEVELOP. COMMENTS:  
 DEVELOPMENT OF AREA WAS IN CONJUNCTION WITH BRUSH CREEK PROSPECT

**DESCRIPTION OF DEPOSIT**

DEPOSIT TYPES:  
 DISSEMINATED, PLACER  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 GOLD EXISTED IN PYRITIC QUARTZ VEINS.

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1972, THERE WERE LARGE TRENCH CUTS AS WELL AS PILES OF WHITE QUARTZ  
 INDICATING FORMER EXTENSIVE PLACER WORKINGS.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... GNEISS

PERTINENT MINERALOGY..... QUARTZ, PYRITE, FELDSPAR

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. BLUE RIDGE ANTICLINORIUM, NE-SW TREND  
 TECTONIC SETTING..... OROGEN

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: LITTLE RIVER GNEISS  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 FRIES FAULT

GENERAL REFERENCES

- 1) SWEET, P.C. AND BELL, S.C., 1980, METALLIC MINERALIZATION IN THE BLUE RIDGE PROVINCE OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, IN PREPARATION
- 2) DIETRICH, R.V., 1959, GEOLOGY AND MINERAL RESOURCES OF FLOYD COUNTY OF THE BLUE RIDGE UPLAND SOUTHWESTERN VIRGINIA: VIRGINIA POLYTECHNIC INSTITUTE ENGINEERING EXPERIMENT STATION SERIES, BULLETIN NO. 134, 160 P.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**LESTER McALEXANDER MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W030568  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 05

NAME AND LOCATION

DEPOSIT NAME..... LESTER McALEXANDER MINE  
 SYNONYM NAME..... LUSTER McALEXANDER MINE

MINING DISTRICT/AREA/SUBDIST. SOUTHERN SECTION-BLUE RIDGE PROVINCE

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLOYD  
 DRAINAGE AREA..... 05 NEW RIVER  
 PHYSIOGRAPHIC PROV... 02 BLUE RIDGE  
 LAND CLASSIFICATION... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 ALUM RIDGE, VA

LATITUDE LONGITUDE  
 36-59-24N 080-24-17W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4093740. 552980. +17

ALTITUDE.. 2200 FT (671 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 4.5 MI (7.2 KM) NE OF ALUM RIDGE.

LOCATION COMMENTS: JUST OFF WEST SIDE OF STATE ROAD 617 APPROX. 0.75 MI (1.21 KM) BY ROAD NORTH OF ITS INTERSECTION WITH STATE HIGHWAY 8.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PB

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PB

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD, GALENA

MAIN ORE MINERALS:  
 NATIVE GOLD, GALENA

COMMODITY COMMENTS:  
 GALENA REPORTED FROM PROSPECT, BUT NOT VERIFIED BY ANY INVESTIGATOR

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1880  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1880 DIREXPL  
 2) 1972 RECON VA. DIV. MIN. RES., PROSPECT LOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 SWEET (1971) STATES THAT BEFORE 1882 GOLD-BEARING STREAM ALLUVIUM WAS FOUND; GOLD GRAINS RANGED FROM 5 TO 80 MG IN WGT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER (GOLD), DISSEMINATED (GALENA)  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 GALENA IS SAID TO HAVE OCCURRED IN QUARTZ VEINS

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1975 THERE WERE SCATTERED PIECES OF WHITE QUARTZ ON HILLSIDE AND IN STREAM.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT  
 HOST ROCK TYPES..... ALLUVIUM

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. BLUE RIDGE ANTICLINORIUM, NE-SW TREND  
 TECTONIC SETTING..... OROGEN

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: LITTLE RIVER GNEISS  
 AGE: PREC  
 2) NAME: ALLUVIUM  
 AGE: QUAT

SIGNIFICANT LOCAL STRUCTURES:  
 FRIES FAULT

COMMENTS (GEOLOGY AND MINERALOGY):  
 GALENA REPORTED TO OCCUR IN QUARTZ VEINS IN AMPHIBOLE-RICH ROCKS.

GENERAL REFERENCES

- 1) SWEET, P.C. AND BELL, S.C., 1980, METALLIC MINERALIZATION IN THE BLUE RIDGE PROVINCE OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, IN PREPARATION.
- 2) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, P. 26-39.
- 3) DIETRICH, R.V., 1959, GEOLOGY AND MINERAL RESOURCES OF FLOYD COUNTY OF THE BLUE RIDGE UPLAND, SOUTHWESTERN VIRGINIA: VIRGINIA POLYTECHNIC INSTITUTE ENGINEERING EXPERIMENT STATION SERIES, BULLETIN NO. 134, 160 P.
- 4) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**LUSTER McALEXANDER MINE**  
 (See Lester McAlexander Mine)

**WALTER'S PLACE PROSPECT**  
 (See Bush Creek Prospect)

**FLUVANNA COUNTY**

**BARTLETT PLACE MINE**

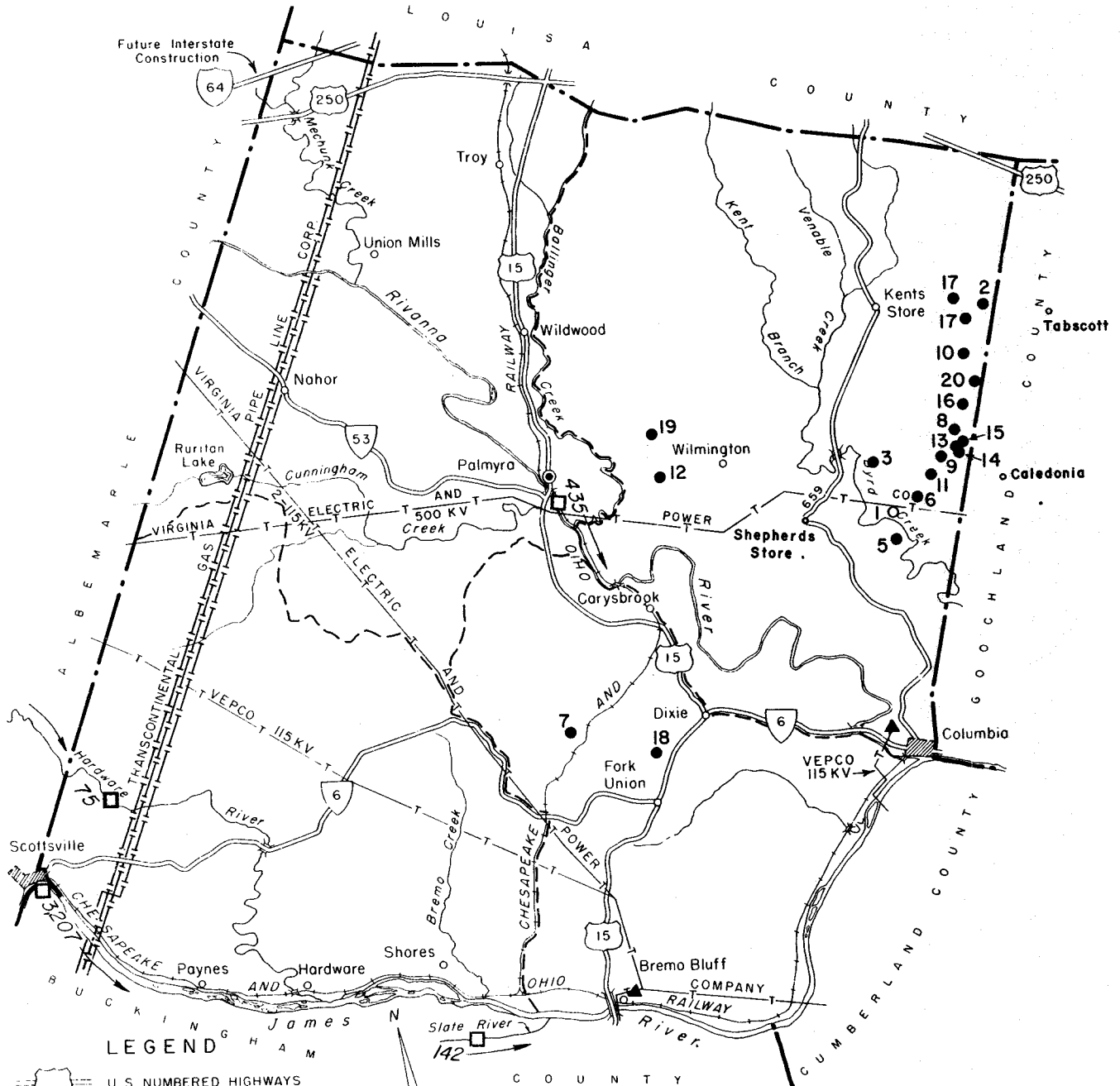
RECORD IDENTIFICATION  
 RECORD NO..... W030570  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 05  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BARTLETT PLACE MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

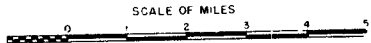


**LEGEND**

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- 20 DIRECTION OF AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- JAMES RIVER IS SOUTH BOUNDARY
- ELECTION DISTRICT LINE

- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

**FLUVANNA COUNTY**  
VIRGINIA



## FLUVANNA COUNTY

1. Bartlett
2. Bowles
3. Cassell's
5. Cocke (Cox)
6. Fountain
7. Hughes
8. Jennings
9. Marks, Lemuel
10. McGloam
11. Mosby (Mosbey)
12. Page
13. Prospect A
14. Prospect B
15. Scotia (Hodges vein)
16. Scotia (Perkins, Tellurium Vein)
17. Shaw (two mines)
18. Snead
19. Stockton Tunnel
20. Tellurium (Fisher, Red)

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
 37-49-18N 078-08-46W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4189650. 751200. +17

ALTITUDE.. 275 FT (84M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.0 MI (8.0 KM) NORTH OF COLUMBIA.

LOCATION COMMENTS: ON BARTLETT BRANCH, A TRIBUTARY OFF THE EAST SIDE OF BYRD CREEK, ABOUT 0.5 MI (0.8 KM) NW OF CROSSING OF STATE 605 OVER BYRD CREEK AT OLD BOWLES BRIDGE. LOCATION APPROXIMATE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DREXPL GOLD MINED  
 2) 1974 RECON VA. DIV. MIN. RES., APPROXIMATE LOCATION DETERMINED

EXPLOR. AND DEVELOP. COMMENTS:  
 IN 1974 ONLY EVIDENCE OF MINING IN VICINITY IS EXISTENCE OF SCATTERED QUARTZ ON HILLSIDE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP. OF WORKINGS):  
 ORE FROM VEIN WAS CARRIED TO BOWLES' MILL ON BIG BYRD CREEK AND CRUSHED IN A SMALL WOODEN STAMP MILL.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... UNIT AROUND OCCURRENCE MAPPED AS AMPHIBOLE SCHIST AND GNEISS, BIOTITE AND CHLORITE SCHIST, AND PLAGIOCLASE-CHLORITE-EPIDOTE ROCK (METAMORPHOSED INTERMEDIATE AND BASIC IGNEOUS ROCK).  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.  
 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

**BOWLES MINE (GOLD HILL VEIN SYS.)**

RECORD IDENTIFICATION  
 RECORD NO..... W030571  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VOMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... BOWLES MINE (GOLD HILL VEIN SYS.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-51N 078-05-28W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4194540. 755890. +17

ALTITUDE.. 400 FT (122M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.45 MI (2.33 KM) WEST OF TABSCOTT.

LOCATION COMMENTS: 0.65 MI (1.05 KM) OFF SW SIDE OF STATE ROAD 603 AT JUNCTION WITH STATE ROAD 646.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
 PRESENT/LAST OWNER..... R.C. BOWLES  
 PRESENT/LAST OPERATOR... MR. FERRIS

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1887 DREXPL MINED, ORE MILLED AT TELLURIUM MINE  
 2) 1910 DREXPL MR. FERRIS, ORE MINED  
 3) 1974 RECON VA. DIV. MIN. RES., MINE LOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS WORKED AS A PLACER DEPOSIT PRIOR TO THE CIVIL WAR, PROBABLY BEFORE 1850. VEINS WORKED IN THE 1880'S AND AGAIN A OUND 1910 THROUGH 1913. THE ORE WAS HAULED TO THE TELLURIUM MINE MILL FOR PROCESSING.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.2 M  
 STRIKE OF OREBODY... N60 DEG E  
 DIP OF OREBODY..... 30 DEG SE  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 VEINS PART OF GOLD HILL VEIN SYSTEM (TABER, 1913). ADDITIONAL VEIN, 0.3 M WIDE, STRIKES N22 DEG E AND IS NEARLY VERTICAL. ALSO "CROSS" VEIN WHICH STRIKES N30 DEG W AND DIPS SW ABOUT 35 DEG.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 9.1 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE SMALL TRENCH CUTS AND THREE SMALL DUMP (?) PILES EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PAL  
 HOST ROCK TYPES..... QUARTZ-FELDSPAR GNEISS,  
 AMPHIBOLE-CHLORITE-BIOTITE SCHIST

AGE OF ASSOC. IGNEOUS ROCKS.. PAL  
 IGNEOUS ROCK TYPES..... FELSIC VOLCANIC ROCK (?) MAFIC VOLCANIC ROCK  
 (?) ALL METAMORPHOSED TO GNEISSES AND SCHISTS

PERTINENT MINERALOGY..... QUARTZ, ZIRCON, LEUCOXENE, APATITE, RUTILE,  
 MAGNETITE, GOETHITE, SCHORL

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL  
2) NAME: ALLUVIUM  
AGE: QUAT

## GENERAL COMMENTS

BOWLES MINE COMPRISES A LARGE TRACT WITH TWO WORKINGS 1.3 MI (2.1 KM) APART. THE NORTHERN WORKINGS (THIS REPORT) ARE SITUATED IN FLUVANNA CO. AND WERE DEVELOPED ON THE GOLD HILL VEIN SYSTEM. THE SOUTHERN WORKINGS (ADDITIONAL REPORT) LIE IN GOOCHLAND CO. AND WERE DEVELOPED ON THE TELLURIUM VEIN SYSTEM.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 4) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## CASSELL'S MINE

RECORD IDENTIFICATION  
RECORD NO. .... W030572  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE ..... 79  
06  
UPDATED ..... 81  
10  
BY ..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... CASSELL'S MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV. 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
37-50-17N 078-08-36W

UTM NORTHING UTM EASTING UTM ZONE NO  
4191490. 751390. +17

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.15 MI (3.46 KM) NE OF SHEPHERD'S STORE.

LOCATION COMMENTS: 0.05 MI (0.08 KM) OFF SOUTH SIDE OF STATE ROAD 604 ABOUT 0.45 MI (0.72 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 610 .

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD (?)

MINOR ORE MINERALS:  
PYRITE

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1912 (?).  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1912  
PRESENT/LAST OWNER..... WESTVACO

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1912 DIREXPL SOME ORE MILLED  
2) 1974 RECON VA. DIV. MIN. RES., MINE LOCATED

## EXPLOR. AND DEVELOP. COMMENTS:

ACCORDING TO TABER (1913) ALL WORK UP UNTIL THAT TIME HAD BEEN SUPERFICIAL WITH ONLY A SMALL AMOUNT OF ORE HAVING BEEN MINED.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
VEINLETS ASSOCIATED WITH PEGMATITE (?) AND METAQUARTZITE. QUARTZ VEIN (NON-AURIFEROUS) NEARBY CONTAINING SPECULAR HEMATITE . A HIGHLY FERRUGINOUS QUARTZITE BED 2.5 M (8 FT) OR MORE IN THICKNESS IS ALSO CLOSE BY. THE QUARTZITE IS CUT BY QUARTZ VEINLETS 2.5 TO 5 CM (1 TO 2 IN) IN WIDTH.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
COMMENTS(DESCRIP. OF WORKINGS):  
IN 1913, SEVERAL SHAFTS AND CROSS CUTS HAD BEEN SUNK. IN 1974, ABOUT TEN CAVED PITS AND A CAVED SHAFT WERE EVIDENT.

## PRODUCTION

YES  
SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... PEGMATITE, METAQUARTZITE

AGE OF ASSOC. IGNEOUS ROCKS.. PAL  
IGNEOUS ROCK TYPES..... PEGMATITE (?)

PERTINENT MINERALOGY..... QUARTZ, MAGNETITE, HEMATITE , LIMONITE

IMPORTANT ORE CONTROL/LOCUS.. VEINS

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 3) SMITH, J.W., MILICI, R.C., GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

## COCKE PROPERTY PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W030573  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... BEAUL  
LEU (D.C. LEVAN), HARVEY R.  
DATE ..... 79  
06  
UPDATED ..... 82  
01  
BY ..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... COCKE PROPERTY PROSPECT  
SYNONYM NAME..... COX PROPERTY

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV. 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
37-48-44N 078-08-53W

UTM NORTHING UTM EASTING UTM ZONE NO  
4188600. 751060. +17

ALTITUDE.. 290 FT (88M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 6.8 KM (4.25 MI) NORTH OF COLUMBIA.

LOCATION COMMENTS: ON S SIDE OF STATE ROAD 605 ABOUT 0.3 KM (0.2 MI) BY ROAD W OF ITS CROSSING OF BYRD CREEK.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... GUY COCKE (OWNS LAND SOUTH OF STATE ROAD 605)

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN, PLACER  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
CREDNER (1869) REPORTS ALLUVIAL BEDS OF AURIFEROUS SAND AND GRAVEL ARE KNOWN IN THE NORTHEASTERN PART OF THE PROPERTY (THE CONTINUATIONS OF THE "BIG SANDY VEIN," AND THE OUTCROPS OF ANOTHER VEIN, SUPPOSED TO BE THE "TELLURIUM," CROSSES THE LANDS TO THE EXTENT OF TWO MILES.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
CAVED TUNNEL ENTRANCE, SEVERAL SMALL CAVED DEPRESSIONS, SCOOPED OUT AREA ABOUT 12 M IN DIAMETER AND 1.2 M DEEP REPORTED 1974.

PRODUCTION  
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL-QUAT  
HOST ROCK TYPES..... AMPHIBOLE SCHIST, BIOTITE GNEISS, QUARTZITE ALLUVIUM  
PERTINENT MINERALOGY..... AMPHIBOLE, BIOTITE  
IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS AND PLACER GRAVELS.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) SMITH, J. W., MILICI, R. C., AND GREENBURG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 42.

**COX PROPERTY PROSPECT**  
(See Cocke Property Prospect)

**FISHER MINE (See Tellurium Mine)**

**FOUNTAIN MINE**

RECORD IDENTIFICATION  
RECORD NO..... W030574  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..  
REPORTER  
NAME..... BEAUL  
IEU (D. C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 82  
01  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... FOUNTAIN MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
37-49-16N 078-08-14W

UTM NORTHING UTM EASTING UTM ZONE NO  
4189630. 751990. +17

ALTITUDE.. 360 FT (110 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 7.9 KM (4.9 MI) NE OF COLUMBIA.

LOCATION COMMENTS: 0.6 KM (0.4 MI) OFF NE SIDE OF STATE ROAD 605 ABOUT 1.0 KM (0.6 MI) BY ROAD E OF ITS CROSSING OVER BYRD CREEK.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4  
YEAR OF DISCOVERY..... 1837  
BY WHOM..... GEORGE FISHER  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1837  
PRESENT/LAST OPERATOR.... GEORGE FISHER

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1837 DIREXPL GEORGE FISHER; OPERATED 3-STAMP MILL  
2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
THE BIG SANDY AND MARKS VEINS HAVE BEEN OPENED AND WORKED. SOME OF THE ORE FROM MARKS VEIN WAS CRUSHED IN A THREE-STAMP MILL AND YIELDED \$75 PER DAY.

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
3-STAMP MILL OPERATED 1837; ABOUT 10 CAVED PITS AND LARGE DUMPS REPORTED 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST,  
PERTINENT MINERALOGY..... MAGNETITE, HEMATITE, QUARTZ  
IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL COMMENTS

NO SPECIFIC REFERENCE TO THE MINE IS FOUND IN SMITH, MILICI, AND GREENBURG (1964).

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMERICAN JOURNAL OF MINING, VOL. VII, P. 42.
- 4) SMITH, J. W., MILICI, R. C., AND GREENBURG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

## HUGHES MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030575  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... HUGHES MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... FLUVANNA  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PALMYRA, VA.

LATITUDE LONGITUDE  
 37-47-15N 078-17-14W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4185510. 738890. +17

ALTITUDE.. 360 FT (110 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.5 KM (2.2 MI) NW OF FORK UNION.

LOCATION COMMENTS: 0.72 KM (0.45 MI) OFF E SIDE OF STATE ROAD 672 ABOUT 0.3 KM (0.2 MI) BY ROAD NE OF ITS INTERSECTION WITH STATE ROAD 671.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

ANALYTICAL DATA(GENERAL)  
 GOLD ORE TAKEN FROM SHAFT NO. 1 WAS SAID TO GIVE A GROSS VALUE OF \$9 PER TON. FROM SHAFT NO. 2 GOLD ORE AVERAGED \$20 PER TON. THE THIRD VEIN YIELDED ORE WORTH \$13 PER TON. OF THE FOUR OTHER VEINS MINED, THE THREE THICKEST VEINS AVERAGED \$5 PER TON AND THE 381 MM VEIN AVERAGED \$23 PER TON AT A DEPTH OF 5.5 M (18 FT). THE COST OF MINING AND MILLING WAS SLIGHTLY OVER \$4 PER TON.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... 1836  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. 1836  
 PRESENT/LAST OWNER ..... GOLD MINE HUNT CLUB, LEONARD W. MELTON  
 PRESENT/LAST OPERATOR.... HUGHES GOLD MINING AND MILLING CO.

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1895 DIREXPL HUGHES GOLD MINING AND MILLING CO.; DEVELOPED 3 VEINS  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

## EXPLOR. AND DEVELOP. COMMENTS:

ORIGINAL PLANT CONSISTED OF 2 STEAM HOISTS, BOILER HOUSE, CYANIDE PLANT, MILL CONSISTING OF 2 5-STAMP BATTERIES, COPPER PLATES, 4 FRUE CONCENTRATORS. NO MACHINERY FOUND AT SITE IN 1974. MINE WAS FIRST OPENED IN 1836, BUT FOR MANY YEARS IT CHANGED HANDS FREQUENTLY AND VERY LITTLE DEVELOPMENT WORK WAS DONE. THE LAST PERIOD OF OPERATION BEGAN ABOUT 1895 AND CONTINUED UNTIL THE SPRING OF 1906, SINCE WHICH TIME THE MINE HAS REMAINED IDLE. DURING THIS PERIOD THE MINE WAS DEVELOPED BY THE HUGHES GOLD MINING AND MILLING COMPANY AND THE PLANT INSTALLED TO TREAT THE ORE.

## DESCRIPTION OF DEPOSIT

## DEPOSIT TYPES:

VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 MAX THICKNESS ..... 1.2 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 3 VEINS DEVELOPED, 2 OF WHICH STRIKE NE-SW. THE THIRD STRIKES E-W AND INTERSECTS ONE OF THE OTHER VEINS; VEIN THICKNESS VARIES FROM 0.3 M TO 1.2 M

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 35 M  
 LENGTH OF WORKINGS ..... 113 M  
 OVERALL AREA ..... 275 AC

## COMMENTS(DESCRIP. OF WORKINGS):

5 WATER-FILLED AND CAVED SHAFTS, ABOUT 10 CAVED PITS AND TRENCHES. CONCRETE AND ROCK FOUNDATIONS AND DUMPS REPORTED 1974. SHAFT NO. 1 WAS SUNK TO A DEPTH OF 12 M (40 FT) ON THE LARGER VEIN. A LEVEL WAS DRIVEN FROM THE BOTTOM OF THE SHAFT 43 M (140 FT) SOUTHWEST ALONG THE VEIN. AND MORE THAN 15 M (50 FT) OF ORE HAD BEEN STOPED AND MILLED ABOVE THIS LEVEL. THE VEIN HAS BEEN PROVED BY SURFACE PITS FOR 457 M (1500 FT) ALONG THE STRIKE AND HAS AN AVERAGE WIDTH OF 0.8 M (2.5 FT). SHAFT NO. 2 WAS SUNK TO A DEPTH OF 33.5 M (110 FT) ON A SECOND VEIN ABOUT 244 M (800 FT) SOUTHWEST OF THE FIRST, AND LEVELS WERE DRIVEN AT DEPTHS OF 18 M (60 FT) AND 33.5 M (110 FT), RESPECTIVELY. FROM THESE LEVELS CROSS-CUTS WERE DRIVEN TO REACH THE THIRD VEIN 39 M (128 FT) FROM THE SHAFT. THE SECOND VEIN HAS BEEN STOPED OUT FROM THE 18 M LEVEL TO THE SURFACE. THIS VEIN VARIED IN THICKNESS FROM 0.3 TO 1 M (1 TO 3 FT). THE THIRD VEIN HAS BEEN DEVELOPED FOR 70 M (230 FT) ALONG ITS STRIKE AND VARIES FROM 0.3 TO 1.2 M (1 TO 4 FT) IN WIDTH. IN ADDITION TO THESE, PITS HAVE BEEN SUNK ON 4 OTHER GOLD-BEARING VEINS, 3 OF WHICH ARE FROM 0.6 TO 1 M (2 TO 3 FT) THICK, THE FOURTH IS 381 MM (15 IN) THICK.

PRODUCTION  
 YES  
 SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... GREENSTONE SCHIST  
 AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES ..... GREENSTONE SCHIST (METAVOLCANIC)  
 PERTINENT MINERALOGY ..... CHLORITE, PLAGIOCLASE FELDSPARS, EPIDOTE, ZOISITE, SERICITE, MAGNETITE, RUTILE, TITANITE  
 IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. LONG ISLAND SYNCLINE, NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
 ANTICLINE (UNNAMED)

## COMMENTS (GEOLOGY AND MINERALOGY):

MAGNETITE FOUND A SHORT DISTANCE W OF THE MINE; QUARTZ VEINS CONTAIN GOLD, PYRITE, CHLORITE AND OCCUR IN GREENSTONE SCHIST CONTAINING BLUE QUARTZ "EYES."

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 7, 271 P.
- 3) LUTTRELL, G.W., 1966. BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) SMITH, J.W., MILICI, R.C., AND GREENBURG, S.S., 1964. GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 5) WATSON, T.L., 1907. GOLD AND SILVER IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, JAMESTOWN EXPOSITION COMMISSION, PP. 549-567.
- 6) HAMMETT, A.B.J., 1966. THE HISTORY OF GOLD, KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.
- 7) CREEDNER, H., 1869. REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR (MNG.), VOL. VII, P. 58.

## JENNINGS PROPERTY MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030576  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE ..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME ..... JENNINGS PROPERTY MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... FLUVANNA  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-50-09N 078-07-01W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4191320. 753710. +17

ALTITUDE.. 403 FT (123 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.9 KM (1.2 MI) NW OF CALEDONIA.



LOCATION COMMENTS: 0.8 KM (0.5 MI) OFF NNE SIDE OF STATE ROAD 610 ABOUT 1.6 KM (1.0 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 605.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL SEVERAL SHALLOW SHAFTS WERE EXCAVATED  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 STRIKE OF OREBODY..... N 60 DEG E  
 DIP OF OREBODY..... 30 DEG SE

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 10.6 M X 1.5 M X 1 M DEEP TRENCH CUT WITH DUMP, 4.6 M X 1.2 M X 1 M DEEP  
 PIT WITH DUMP AND 3 OTHER PITS REPORTED AT SITE 1974

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... QUARTZITE, GARNETIFEROUS SCHIST

PERTINENT MINERALOGY..... GARNET, FELDSPAR QUARTZ

IMPORTANT ORE CONTROL/LOCUS... IN VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES BULLETIN 7, 271 P.
- 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

MARKS, LEMUEL, PROPERTY PROSPECT

RECORD IDENTIFICATION

RECORD NO..... W030577  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MARKS, LEMUEL, PROPERTY PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
 37-49-45N 078-07-33W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4190560 752960 +17

ALTITUDE.. 380 FT (116 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.95 MI (4.75 KM) EAST OF SHEPHERDS STORE.

LOCATION COMMENTS: 250 FT (75 M) OFF SOUTH SIDE OF STATE ROAD 610 ABOUT 1.4 MI (2.2 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 604.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL SHAFT SUNK ON QUARTZ VEIN  
 2) 1974 RECON VA. DIV. MIN. RES.; MINE LOCATED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 5.5 M  
 LENGTH OF WORKINGS..... 5.5 M

COMMENTS(DESCRIP. OF WORKINGS):  
 5.5 M (18 FT) SHAFT SUNK. IN 1974, SHALLOW PIT EVIDENT.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST (?)

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

LOCATION PLOTS JUST INSIDE ARVONIA FORMATION NEAR INFERRED CONTACT WITH CHOPAWAMSI FORMATION.

GENERAL COMMENTS

0.4 MI (0.6 KM) NE OF MOSBY PROPERTY.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 42.

McGLOAM MINE

RECORD IDENTIFICATION

RECORD NO..... W030578  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MCGLOAM MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-51-13N 078-06-13W

UTM NORTHING UTM EASTING UTM ZONE NO  
4193320. 754840. +17

ALTITUDE.. 370 FT (113 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.5 MI (4.0 KM) NORTH OF CALEDONIA.

LOCATION COMMENTS: 0.6 MI (1.0 KM) OFF EAST SIDE OF STATE ROAD 604 ABOUT 0.6 MI (1.0 KM) BY ROAD NE OF JUNCTION WITH FOREST ROAD 2956.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
PYRITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-1913  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-1913

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 DIREXPL AREA DEVELOPED  
2) 1974 RECON VA. DIV. MIN. RES: LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
TABER (1913) REPORTS SHAFTS FILLED WITH WATER

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 0.6 M  
STRIKE OF OREBODY..... N 70 DEG E  
DIP OF OREBODY..... SE 30 DEG  
COMMENTS(DESCRIPTION OF DEPOSIT):  
VEINS DEVELOPED ARE PART OF THE GOLD HILL VEIN SYSTEM. FOR A MORE IN DEPTH DESCRIPTION OF THIS VEIN SYSTEM SEE TABER (1913).

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
  
TWO SHAFTS, 274 M (900 FT) APART, ONE VERTICAL AND THE OTHER ON A FLAT INCLINE, WERE SUNK IN 1974, A CAVED SHAFT, SEVEN WATER-FILLED AND CAVED PITS, AND DUMPS WERE EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... HORNBLENDE GNEISS, HORNBLENDE SCHIST, QUARTZ-FELDSPAR GNEISS

AGE OF ASSOC. IGNEOUS ROCKS.. PAL  
IGNEOUS ROCK TYPES..... FELSIC VOLCANIC ROCK (?)

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE), MAGNETITE, ZIRCON, RUTILE FELDSPAR

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TEND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPANAMISC FORMATION  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
GNEISSES AND SCHIST PROBABLY, REPRESENT FORMER VOLCANIC ROCK.

GENERAL COMMENTS  
PROPERTY ADJAINS THAT OF BOWLES MINE.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

## MOSBEY PROPERTY (See Mosby Mine)

## MOSBY MINE

RECORD IDENTIFICATION  
RECORD NO..... W030579  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 82  
01  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... MOSBY MINE  
SYNONYM NAME..... MOSBEY PROPERTY

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
37-49-31N 078-07-49W

UTM NORTHING UTM EASTING UTM ZONE NO  
4190110. 752590. +17

ALTITUDE.. 350 FT (107 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.35 MI (8.61 KM) NE OF COLUMBIA.

LOCATION COMMENTS: 0.35 MI (0.56 KM) OFF SSW SIDE OF STATE ROAD 610 ABOUT 1.3 MI (2.1 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 604

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD (?)

MINOR ORE MINERALS:  
PYRITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... POST-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. POST-CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1865 MINE BEING PROSPECTED  
2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE PLACER  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
FOUR VEINS WERE WORKED, THE BIG SANDY, THE MIDDLE, THE TELLURIUM, WHICH COULD BE TRACED ACROSS THIS PROPERTY FOR 320 M (1050 FT), AND ANOTHER UNNAMED VEIN, WHICH HAD YIELDED GOOD ORE. BOTH SIDES OF THE CREEK HAD ALLUVIUM WHICH WAS WASHED FOR GOLD AS WELL.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974 CAVED SHAFT AND TWO HILLSIDE TRENCH CUTS EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL-QUAT  
HOST ROCK TYPES..... FINE-GRAINED GNEISS , ALLUVIUM  
PERTINENT MINERALOGY..... QUARTZ, PYRITE  
IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES , ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: CHOPAWAMSIK FORMATION  
AGE: EPAL  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL COMMENTS  
0.4 MI (0.6 KM) SW OF LEMUEL MARKS PROPERTY.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) SMITH, J.W., MILICI, R.C., AND GREENBERG, S.S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 42.

PAGE MINE

RECORD IDENTIFICATION  
RECORD NO..... W030580  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION: USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... BEAUL  
IEU (D. C. LEVAN), HARVEY R.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... PAGE MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.

LATITUDE LONGITUDE  
37-50-53N 078-13-39W

UTM NORTHING UTM EASTING UTM ZONE NO  
4192390. 743960. +17

ALTITUDE . 260 FT (79 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.3 KM W OF WILMINGTON.

LOCATION COMMENTS: 0.40 KM (0.25 MI) NE OF THE INTERSECTION OF LONG ISLAND CREEK WITH STATE ROAD 601 ON THE SE SIDE OF THAT CREEK.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PB PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCUPRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PB PYR

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD, GALENA, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD, GALENA

MINOR ORE MINERALS:  
PYRITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1856  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1856

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1856 DIREXPL  
2) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:

8-STAMP MILL USED IN 1856: MILL IN RUINS BY 1865: PROSPECTED AGAIN IN 1895: INTERMITTENT PLACER WORKING HAS BEEN PERFORMED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

CAVED SHAFT 9.1M X 6M X 4M DEEP, 15.2M X 1.6M DEEP TRENCH CUT UP A HILL AND LARGE DUMP OF SLATE, AMPHIBOLE SCHIST, QUARTZ, PHYLITE REPORTED 1974. SEVERAL TUNNELS AND SHAFTS WERE REPORTED TO HAVE BEEN SUNK DURING THE MINE'S OPERATION.

PRODUCTION

YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. HAMMETT (1966)

PRODUCTION COMMENTS.... GOLD NUGGETS WORTH \$20- TO \$25 WERE FOUND ON THIS PROPERTY DURING THE EARLY DAYS OF OPERATION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... SLATE, QUARTZ-SERICITE SCHIST, PHYLITE

PERTINENT MINERALOGY..... CHLORITE, CALCITE, QUARTZ, FELDSPAR, SERICITE

IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. LONG ISLAND SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

PYRITE CRYSTALS UP TO 1 CM WIDE OCCUR IN VEINS; FLUID INCLUSIONS ARE COMMON IN SOME QUARTZ GRAINS.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES BULLETIN 7, 271 P.
- 3) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J. P. BELL COMPANY, PRINTERS AND BINDERS, 618 P.
- 4) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

PERKINS MINE (See Scotia Mine)

PROSPECT (A)

RECORD IDENTIFICATION  
RECORD NO..... W030581  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION: USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... BEAUL  
IEU (D. C. LE VAN), HARVEY R.  
DATE..... 79  
06

NAME AND LOCATION

DEPOSIT NAME..... PROSPECT (A) (FLUVANNA CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
DRAINAGE AREA..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE 37-49-56N LONGITUDE 078-06-59W  
 UTM NORTHING 4190920. UTM EASTING 753780. UTM ZONE NO +17  
 ALTITUDE.. 365 FT (111M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.53 KM (0.95 MI) NW OF CALEDONIA,  
 LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF N SIDE OF STATE ROAD 610 ABOUT 1.37 KM (0.85 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)  
 COMMODITY COMMENTS:  
 NO REPORT AS TO ORE MINERALIZATION

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP.  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP. OF WORKINGS):  
 SEVERAL WATER-FILLED PITS, WHICH WERE POSSIBLY FORMER SHAFTS (?).  
 SCATTERED PILES OF QUARTZ FOUND 1974.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GARNETIFEROUS SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, GARNET

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE: NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO REPORT AS TO MINERALIZATION; SMITH, MILICI AND GREENBERG (1964) ONLY MENTION THE PROSPECT LOCATION.

GENERAL COMMENTS  
 THIS UNNAMED PROSPECT MAY REPRESENT A PROSPECT REFERENCED IN LITERATURE, BUT NOT LOCATED; "PROSPECT (A)" IS THE DESIGNATION APPLIED BY SWEET (1980).

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) SMITH, J. W., MILICI, R. C., AND GREENBURG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

**PROSPECT (B)**

RECORD IDENTIFICATION  
 RECORD NO..... W030582  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 TEU (D. C. LEVAN), HARVEY R.  
 DATE..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME..... PROSPECT (B) (FLUVANNA CO.)  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... FLUVANNA  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE 1: 24000 QUAD NO OR NAME CALEDONIA, VA.

LATITUDE 37-49-40N LONGITUDE 078-07-04W

UTM NORTHING 4190420. UTM EASTING 753680. UTM ZONE NO +17

ALTITUDE.. 450 FT (137 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.21 KM (0.75 MI) NW OF CALEDONIA.

LOCATION COMMENTS: ON SW SIDE OF STATE ROAD 610 ABOUT 1.3 KM (0.8 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)

COMMODITY COMMENTS:  
 NO REPORT AS TO ORE MINERALIZATION

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 3M X 3M SQUARE PIT OR POSSIBLE SHAFT WITH COVERED DUMP OF QUARTZ AND MINOR SCHIST REPORTED 1974

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GARNETIFEROUS SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, GARNET

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE: NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO REPORT AS TO MINERALIZATION;

GENERAL COMMENTS  
 THIS UNNAMED PROSPECT MAY REPRESENT A PROSPECT REFERENCED IN LITERATURE, BUT NOT LOCATED; "PROSPECT (B)" IS THE DESIGNATION APPLIED BY SWEET (1980).

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) SMITH, J. W., MILICI, R. C. AND GREENBURG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

**RED MINE (See Tellurium Mine)**

**SCOTIA MINE (HODGES VEIN)**

RECORD IDENTIFICATION  
 RECORD NO..... W030583  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 TEU (D. C. LEVAN), HARVEY R.  
 DATE..... 79  
 06

UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME..... SCOTIA MINE (HODGES VEIN)  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... FLUVANNA  
 DRAINAGE AREA..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.  
 LATITUDE LONGITUDE  
 37-49-50N 078-06-47W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4190740. 754090. +17  
 ALTITUDE.. 365 FT (111M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.21 KM (0.75 MI) NW OF CALEDONIA.  
 LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF NNE SIDE OF STATE ROAD 610 ABOUT 1.05 KM (0.65 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 605.  
**COMMODITY INFORMATION**  
 COMMODITIES PRESENT..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR  
**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 MINOR ORE MINERALS:  
 PYRITE  
**COMMODITY COMMENTS:**  
 NATIVE GOLD FREQUENTLY FOUND ASSOCIATED WITH LIMONITE DERIVED FROM PYRITE.

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1910 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1910  
 PRESENT/LAST OWNER..... JOHN R. JR. AND MARGARET E. MOORE  
 PRESENT/LAST OPERATOR.... SCOTIA MINING CO.  
**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1910 DIREXPL SCOTIA MINING CO.; SANK INCLINED SHAFT AND DRIVES  
 2) 1974 RECDN VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

**DESCRIPTION OF DEPOSIT**  
**DEPOSIT TYPES:**  
 VEIN  
 FORM/SHAPE OF DEPOSIT: LENS  
**SIZE/DIRECTIONAL DATA**  
 SIZE OF DEPOSIT..... SMALL  
 MAX LENGTH..... 21.3 M  
 MAX THICKNESS..... 2 M  
 STRIKE OF OREBODY..... N 40 DEG E  
 DIP OF OREBODY..... 35 DEG SE  
**COMMENTS(DESCRIPTION OF DEPOSIT):**  
 35 DEG AVERAGE DIP; QUARTZITE LENS IS ABOUT 21.3 M LONG FROM TIP TO TIP, AND IS THICKEST NEAR ITS MIDPOINT. THE QUARTZITE IS FERRUGINOUS AND CUT BY OCCASIONAL IRREGULAR STRINGERS OF QUARTZ, WHICH RANGE UP TO 25 CM (10 IN) OR MORE IN WIDTH, AND OCCUR MOSTLY ON THE FOOT-WALL SIDE OF THE QUARTZITE.

**DESCRIPTION OF WORKINGS**  
 SURFACE AND UNDERGROUND  
**COMMENTS(DESCRIP. OF WORKINGS):**  
 3 DUMP PILES EACH MEASURING 6M IN DIAMETER BY 1.3 M HIGH, A WATER-FILLED TRENCH CUT, AND A 3MX1M HILLSIDE CUT WERE REPORTED IN 1974; 13.1M INCLINED SHAFT WITH DRIVES DUG AFTER 1910.

**PRODUCTION**  
 YES  
 SMALL PRODUCTION

**GEOLOGY AND MINERALOGY**  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... FERRUGINOUS QUARTZITE, QUARTZ-SERICITE SCHIST,  
 PERTINENT MINERALOGY..... SERICITE, QUARTZ, HEMATITE, MAGNETITE, GARNET, LIMONITE  
 IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINLETS LYING WITHIN LENS OF QUARTZITE

**GEOLOGY (SUPPLEMENTARY INFORMATION)**  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE: NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY

**NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES**  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

**COMMENTS (GEOLOGY AND MINERALOGY):**  
 SCHIST IS INTERBEDDED WITHIN QUARTZITE; QUARTZ IS WHITE WITH OCCASIONAL OPALESCENT BLUE QUARTZ "EYES"; SCHISTOSITY HAS STRIKE N 60 DEG E AND DIP 30 DEG SE.

**GENERAL COMMENTS**  
 ASSOCIATED WITH TELLURIUM MINE VEINS, LYING SSW OF TELLURIUM OPENINGS.

**GENERAL REFERENCES**  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P  
 3) SMITH, J. W., MILICI, R. C., GREENBURG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

**SCOTIA MINE (TELLURIUM VEIN)**

**RECORD IDENTIFICATION**  
 RECORD NO..... W030584  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE..... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
**REPORTER**  
 NAME..... MEINT  
 ZER (D. C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME..... SCOTIA MINE (TELLURIUM VEIN)  
 SYNONYM NAME..... PERKINS MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... FLUVANNA  
 DRAINAGE AREA..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.  
 LATITUDE LONGITUDE  
 37-50-28N 078-06-32W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4191920. 754410. +17  
 ALTITUDE.. 425 FT (130M)

**POSITION FROM NEAREST PROMINENT LOCALITY:** 1.4 MI (2.2 KM) NORTH OF CALEDONIA.  
**LOCATION COMMENTS:** 0.35 MI (0.56 KM) OFF SW SIDE OF FOREST ROAD 2956 ABOUT 0.55 MI (0.88 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 605.  
**COMMODITY INFORMATION**  
 COMMODITIES PRESENT..... AU PYR

**PRODUCER(PAST OR PRESENT):**  
 MAJOR PRODUCTS.. AU  
**OCCURRENCE(S) OR POTENTIAL PRODUCT(S):**  
 POTENTIAL.....  
 OCCURRENCE..... PYR  
**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 MINOR ORE MINERALS:  
 PYRITE

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1830'S (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1830'S (?)  
 PRESENT/LAST OWNER..... M. BLOOM  
 PRESENT/LAST OPERATOR.... SCOTIA MINING CO.

**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1845 DIREXPL REMOVED ORE  
 2) 1910 DIREXPL SCOTIA MINING CO., REMOVED ORE  
 3) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

**EXPLOR. AND DEVELOP. COMMENTS:**  
 THIS PROPERTY WAS FORMERLY KNOWN AS THE PERKINS MINE AND UNDER THAT NAME WAS PROSPECTED IN THE EARLY DAYS OF GOLD MINING IN VIRGINIA. THE ORE WAS USED TO PAY WORKING EXPENSES. AFTER 1849 VERY LITTLE WORK WAS DONE UNTIL THE SCOTIA MINING CO. BEGAN DEVELOPMENT WORK IN 1910. SEVERAL SHAFTS AND PITS WERE SUNK DURING THE WORK.

**DESCRIPTION OF DEPOSIT**

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 0.9 M  
STRIKE OF OREBODY..... N 50 DEG E  
DIP OF OREBODY..... 35 DEG SE

COMMENTS(DESCRIPTION OF DEPOSIT):  
MINING CONDUCTED ON EXTENSION OF TELLURIUM VEIN SYSTEM. ABOVE DESCRIBES THE MAIN VEIN, THE BIG SANDSTONE VEIN, WHICH AVERAGED 0.5 M IN WIDTH. IN ADDITION TWO SMALL STRINGERS, THE MIDDLE AND LITTLE VEINS, WERE WORKED. TABER (1913) DOES NOT BELIEVE THE MIDDLE VEIN IS THE SAME MIDDLE VEIN AT THE TELLURIUM MINE. THE MIDDLE VEIN HAS A MAXIMUM WIDTH OF 0.6 M AND PINCHES TO 2.5 CM ABOUT 9 M FROM THE SURFACE. THE STRIKE IS N 60 DEG E, DIPPING 35 DEG SE. VEINLETS OF MASSIVE WHITE QUARTZ CUT THESE LARGER VEINS.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
A DRAIN TUNNEL WAS DRIVEN 32 M (105 FT) IN A DIRECTION S 11 DEG E, CUTTING THE BIG SANDSTONE VEIN NEAR THE PORTAL AND ALSO THE MIDDLE AND LITTLE VEINS. A 20 M (67 FT) VERTICAL-SHAFT WAS SUNK ON THE HANGING WALL OF THE BIG SANDSTONE VEIN, CUTTING THE VEIN NEAR THE BOTTOM. SEVERAL SURFACE CUTS WERE ALSO DUG TO PROSPECT THE BIG SANDSTONE VEIN. AN OLD INCLINED SHAFT SUNK ON THE MIDDLE VEIN NEAR THE WESTERN BOUNDARY OF THE PROPERTY WAS REOPENED BY THE SCOTIA MINING CO. IN 1974. AN OPEN SHAFT APPROXIMATELY 2 M (7 FT) IN DIAMETER AND 12 M (40 FT) DEEP, TWO CAVED PITS, AND DUMPS WERE EVIDENT. CREDNER REPORTED A 3 M (10 FT) DEEP PROSPECT PIT AND A SHAFT 9 M (30 FT) DEEP HAD BEEN SUNK ON A VEIN BEFORE 1849.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... METAQUARTZITE, SERICITE-QUARTZ GNEISS, GARNETIFEROUS BIOTITE-SERICITE-QUARTZ SCHIST, BIOTITE-CHLORITE-GARNET SCHIST

PERTINENT MINERALOGY..... MUSCOVITE (SERICITE), BIOTITE, ILMENITE, OLIGOCLEASE-ANDESINE, CHLORITE, ORTHOCLASE, QUARTZ, GARNET

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ARYONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

QUARTZ CONTAINS MINUTE GASEOUS OR LIQUID INCLUSIONS OCCASSIONALLY.

GENERAL COMMENTS

PROPERTY ALSO INCLUDED MINING ON HODGES VEIN, DESCRIBED SEPARATELY AS SCOTIA MINE (HODGES VEIN).

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 3) SMITH, J. W., MILICI, R. C., AND GREENBERG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 4) GODD, R. S., FORDHAM, O. M., JR., AND HALLADAY, C. R., 1977, GEOCHEMICAL RECONNAISSANCE FOR GOLD IN THE CALEDONIA AND PENDLETON QUADRANGLES IN THE PIEDMONT OF CENTRAL VIRGINIA: VIRGINIA MINERALS, V. 23, NO. 2, P. 13-22.
- 5) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR (MNG.), VOL. VI, P. 406.

**SHAW MINE**

RECORD IDENTIFICATION  
RECORD NO..... W030585  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..  
  
REPORTER  
NAME..... MEINT  
ZER (D. C. LEVAN), ROBERT E.  
DATE..... 79  
08  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... SHAW MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... FLUVANNA  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-51-43N 078-05-60W

UTM NORTHING UTM EASTING UTM ZONE NO  
4194260 755130. +17

ALTITUDE... 350 FT (107 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.05 MI (3.30 KM) WEST OF TABSCOTT.

LOCATION COMMENTS: MAIN WORKINGS AT POSITION DESCRIBED ABOVE, ADDITIONAL WORKINGS LOCATED AT UTM N 4195130 AND UTM E 755150, 0.4 MI (0.7 KM) NNE. PRIMARY WORKINGS ON EAST SIDE OF A TRIBUTARY OF EAST BRANCH, 0.4 MI (0.6 KM) OFF EAST SIDE OF STATE ROAD 604 ABOUT 0.95 MI (1.53 KM) BY ROAD NE OF JUNCTION WITH FOREST ROAD 2956.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
PYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-1913  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-1913  
PRESENT/LAST OWNER..... RICHARD C. BOWLES AND JOHN P. BRADSHAW III AND WIFE

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL MINE DEVELOPED  
2) 1974 RECON VA. DIV. MIN. RES.: MINE LOCATED

EXPLOR. AND DEVELOP. COMMENTS:

PLACER OPERATIONS PROBABLY TOOK PLACE PRIOR TO CIVIL WAR WITH MINE DEVELOPMENT PROBABLY TAKING PLACE IN 1880'S.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
STRIKE OF OREBODY..... N. 80 DEG. E  
COMMENTS(DESCRIPTION OF DEPOSIT):  
SHAW VEIN OF GOLD HILL VEIN SYSTEM WAS DEVELOPED.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
COMMENTS(DESCRIP. OF WORKINGS):  
SEVERAL SHALLOW SHAFTS SUNK. IN 1974, WATER-FILLED SHAFT (?), FIVE CAVED PITS AND TRENCH CUTS AND DUMPS EVIDENT.

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... HORNBLENDE SCHIST, QUARTZ-FELDSPAR GNEISS

AGE OF ASSOC. IGNEOUS ROCKS.. PAL  
IGNEOUS ROCK TYPES..... FELSIC VOLCANIC ROCK (?), MAFIC VOLCANIC ROCK (?), ALL METAMORPHOSED.

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 3) SMITH, J. W., MILICI, R. C., AND GREENBERG, S. S., 1964: GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY, VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

**SNEAD MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030586  
 RECORD TYPE XIM  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME ZER (D. C. LEVAN), ROBERT E. MEINT  
 DATE 06 79  
 UPDATED 10 81  
 BY LE, DAVID, C. TRIMB

NAME AND LOCATION  
 DEPOSIT NAME SNEAD MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE VA  
 STATE NAME: VIRGINIA  
 COUNTY FLUVANNA  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000 QUAD NO OR NAME PALMYRA, VA  
 LATITUDE 37-46-48N LONGITUDE 078-15-25W  
 UTM NORTHING 4184760 UTM EASTING 741590 UTM ZONE NO 17  
 ALTITUDE 315 FT (96 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.25 MI (2.01 KM) NNE OF FORK UNION.

LOCATION COMMENTS: 0.5 MI (0.8 KM) OFF NW SIDE OF U.S. HWY 15 ABOUT 0.85 MI (1.37 KM) BY ROAD WSW OF JUNCTION WITH VA. HWY 6 AT DIXIE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU AG ZN PB CU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL  
 OCCURRENCE AG ZN CU PB PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, ARGENTIFEROUS GALENA, SPHALERITE, CHALCOPYRITE, HEMIMORPHITE, PYRITE, PYROMORPHITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 ARGENTIFEROUS GALENA, SPHALERITE, CHALCOPYRITE, HEMIMORPHITE, PYRITE, PYROMORPHITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY 1937  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1838  
 PRESENT/LAST OWNER E. P. ALEXANDER

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1837 DIREXPL GEORGE FISHER, JR. & CO., EXTRACTED GOLD ORE  
 2) 1881 DIREXPL ATTEMPTED TO REACTIVATE, SUCCESS MINIMAL  
 3) 1974 RECON VA. DIV. MIN. RES. LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE OPERATED 1837-1850, THEN AFTER CIVIL WAR SEVERAL ATTEMPTS WERE MADE TO RE-OPEN. THE ORE WAS TREATED IN A PRIMITIVE STAMP MILL OPERATED BY WATER POWER, AND MUCH OF THE GOLD IS SAID TO HAVE BEEN LOST IN THE TAILINGS. IN 1881 THE CHLORINATION PROCESS OF EXTRACTION WAS TRIED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 MAX WIDTH 1.8 M  
 STRIKE OF OREBODY NE-SW  
 DIP OF OREBODY 65 DEG E  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THE VEIN CONSISTS OF WHITE HARD QUARTZ, CONTAINING PYRITE, CHALCOPYRITE, GALENA, AND SPHALERITE, AS WELL AS IRON OXIDE, PYROMORPHITE, MALACHITE AND FREE GOLD.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, TWO WATER-FILLED AND FIVE CAVED SHAFTS, ABOUT TWENTY CAVED PITS AND CUTS, REMAINS OF STONE WALLS OF PLANT, AND DUMPS EVIDENT. REPORTEDLY, EARLY WORKINGS CONSISTED OF A SHAFT 7.6 M (25 FT) DEEP, SEVERAL OPEN CUTS ALONG THE OUTCROP, AND A TUNNEL.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION): TABER (1913)

PRODUCTION COMMENTS: WORKED FOR 9 MOS. IN 1838 YIELDING \$6,000.

**GEOLOGY AND MINERALOGY**

AGE OF HOST ROCKS PREC-ORD  
 HOST ROCK TYPES KNOTTED GARNETIFEROUS BIOTITE SCHIST, GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS PREC-CAMB  
 IGNEOUS ROCK TYPES GRANODIORITE

PERTINENT MINERALOGY QUARTZ, BIOTITE, GARNET, OLIGOCLASE, ORTHOCLASE, TOURMALINE

IMPORTANT ORE CONTROL/LOCUS SHEAR ZONES

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES ARVONIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING PIEDMONT

**LOCAL GEOLOGY**

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: PREC-CAMB

COMMENTS (GEOLOGY AND MINERALOGY):  
 MINE SITUATED ON CONTACT OF ARVONIA AND ELLISVILLE. QUARTZITE BED INFERRED THRU AREA.

**GENERAL REFERENCES**

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATIONS 19, 17 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 3) HARPER'S MAGAZINE, 1865, THE NATURAL WEALTH OF VIRGINIA: NEW YORK, V. 32, NO. 187, P. 32-42.
- 4) SMITH, J. W., MILICI, R. C., AND GREENBERG, S. S., 1964: GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.
- 5) CREDNER, H., 1869: REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 58.

**STOCKTON TUNNEL MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030587  
 RECORD TYPE XIM  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME ZER (D. C. LEVAN), ROBERT E. MEINT  
 DATE 06 79  
 UPDATED 10 81  
 BY LE, DAVID, C. TRIMB

NAME AND LOCATION  
 DEPOSIT NAME STOCKTON TUNNEL MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE US  
 COUNTRY NAME: UNITED STATES

STATE CODE VA  
 STATE NAME: VIRGINIA

COUNTY FLUVANNA  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000 QUAD NO OR NAME COLUMBIA, VA.

LATITUDE 37-51-40N LONGITUDE 078-13-17W

UTM NORTHING 4193840 UTM EASTING 744450 UTM ZONE NO 17

ALTITUDE 320 FT (98 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.35 MI (2.17 KM) NW OF WILMINGTON.

LOCATION COMMENTS: OFF WEST SIDE OF LONG ISLAND CREEK, 0.55 MI (0.88 KM) NE OF JUNCTION OF STATE ROADS 625 AND 678.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
 PRESENT/LAST OWNER..... H. M. KENNY  
 PRESENT/LAST OPERATOR.... COMMODORE R. F. STOCKTON

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL COMMODORE R. F. STOCKTON: OPENED TWO VEINS  
 2) 1974 RECON VA. DIV. OF MIN. RES.: LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
 COMMODORE STOCKTON WORKED AREA AROUND 1850-1890.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 LENTICULAR QUARTZ CONCRETIONS.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 TUNNEL 30-60 M (100-200 FT) LONG WAS DRIVEN INTO HILLSIDE. IN 1974 TWO WATER-FILLED SHAFTS (?), SIX CAVED PITS AND DUMPS WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... FELSITE GNEISS, SERICITE SCHIST, SERICITE  
 PHYLLITE, SLATE  
 AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES..... FELSITE (METAMORPHOSED)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. LONG ISLAND SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMIC FORMATION  
 AGE: EPAL  
 2) NAME: ARVONIA FORMATION  
 AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
 ADJACENT TO ARVONIA FORMATION.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
 3) SMITH, J. W., MILICI, R. C., GREENBERG, S. S., 1964, GEOLOGY AND MINERAL RESOURCES OF FLUVANNA COUNTY: VIRGINIA DIVISION OF MINERAL RESOURCES, BULLETIN 79, 62 P.

## TELLURIUM MINE

RECORD IDENTIFICATION  
 RECORD NO. W030588  
 RECORD TYPE XIM  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME MEINT  
 ZER (D. C. LEVAN), ROBERT E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME TELLURIUM MINE  
 SYNONYM NAME FISHER MINE, HUGHES MINE, RED MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY FLUVANNA-GOODCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
 37-50-37N 078-06-22W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4192220. 754650. +17

ALTITUDE.. 435 FT (133 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.65 MI (2.65 KM) NORTH OF CALEDONIA.

LOCATION COMMENTS: ON NE AND SW SIDES OF FOREST ROAD 2956 ABOUT 0.55 MI (0.88 KM) BY ROAD NW OF ITS JUNCTION WITH STATE ROAD 605. ADDITIONAL SITE AT UTM N 4192420.. E 755030. (ZONE, +17).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU ZN PYR TE BI

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... ZN PYR TE BI

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, SPHALERITE, PYRITE, TETRADYMIT

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 SPHALERITE, PYRITE, TETRADYMIT

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1832  
 BY WHOM..... G. W. FISHER  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1834  
 PRESENT/LAST OWNER..... A. S. BLOOM  
 PRESENT/LAST OPERATOR.... TELLURIUM GOLD MINING CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1834 DIREXPL FISHERS AND D. W. K. BOWLES, OPERATED FOR 14 YEARS  
 2) 1848 DIREXPL COMMODORE R. F. STOCKTON, INSTALLED 40-STAMP MILL  
 3) 1935 DIREXPL TELLURIUM GOLD MINING CO., WORKED UNTIL 1937

EXPLOR. AND DEVELOP. COMMENTS:  
 VEINS WERE DISCOVERED AT THIS PLACE BY G. W. FISHER IN 1832. TWO YEARS LATER IT WAS LEASED BY FISHER AND SONS AND D. W. K. BOWLES. IN 1836, THEY ERECTED A PRIMITIVE 6-STAMP MILL, BELIEVED TO BE THE FIRST IN AMERICA, AND CONTINUED WORKING THE MINE UNTIL 1848 WHEN IT WAS PURCHASED BY COMMODORE STOCKTON; HE ERECTED A 40-STAMP MILL AND OPERATED ON AN EXPANDED SCALE UNTIL 1857 WHEN THE MILL WAS BURNED. THE PROPERTY WAS THEN SOLD, AND NO FURTHER MINING WAS CARRIED ON UNTIL 1880 WHEN A 10-STAMP MILL WAS ERECTED. A FEW YEARS LATER THE STAMP MILL WAS PULLED DOWN AND REPLACED BY SOME KIND OF A REVOLVING MILL, WHICH WAS USED TO TREAT ORES FROM THE GOLD HILL VEINS ON THE BOWLES TRACT, ADJOINING THE TELLURIUM ON THE NORTHEAST. IN 1890, TWO TREMAIN STEAM STAMPS WERE INSTALLED ON THE PROPERTY, BUT THEY WERE NEVER USED TO ANY EXTENT. IN 1909-1910, THE ARGUS GOLD MINING CORP. CLEANED OUT PART OF THE OLD WORKINGS, SANK A SHAFT, AND STARTED DRIVES IN EITHER DIRECTION ALONG THE VEIN, BUT THE MINE WAS SHUT DOWN BEFORE THE DRIVES HAD PROGRESSED MORE THAN A FEW FEET. FROM 1935 TO 1937 THE MINE WAS PROSPECTED AND DEVELOPED FURTHER BY THE TELLURIUM GOLD MINING CO. A 3-STAMP MILL WAS ERECTED DURING THIS TIME

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR, LENS

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DEPTH TO TOP..... 0 M  
 MAX WIDTH..... 1.8 M  
 STRIKE OF OREBODY..... N64 DEG E  
 DIP OF OREBODY..... 45 DEG SE  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 TABER (1913) GIVES DETAILED REPORT OF TELLURIUM VEIN SYSTEM (BIG SANDSTONE, MIDDLE, LITTLE, WEST, HUGHES VEINS).

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 45.6 M  
 LENGTH OF WORKINGS..... 457 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, NUMEROUS OPEN, WATER-FILLED AND CAVED SHAFTS, CAVED PITS, CONCRETE FOUNDATIONS AND AN OLD BUILDING WERE EVIDENT. THE DEEPEST WORKINGS OF THE FISHERS, CONFINED TO THE MIDDLE AND LITTLE VEINS, REACHED ONLY 20 M (65 FT). STOCKTON MOSTLY WORKED THE BIG SANDSTONE VEIN AND HIS DEEPEST SHAFT HAD A VERTICAL DEPTH OF 41.5 M (136 FT), AND HE WORKED THE VEIN ABOVE THIS LEVEL FOR 457 M (1500 FT) ALONG THE STRIKE. IN 1910 A 27 M (90 FT) SHAFT WAS SUNK AND A DRIFT WAS DRIVEN SOUTHWEST FOR 10.7 M (30 FT) FROM THE BOTTOM OF THE SHAFT. IN 1935-1937 THE HARRISON SHAFT SUNK IN 1910 WAS CLEANED OUT AND THE DRIFT EXTENDED TO 13.7 M (45 FT), AND A CROSS-CUT WAS RUN 5.2 M (17 FT) SOUTHWEST FROM A STATION JUST NORTHEAST OF THE BOTTOM OF THE SHAFT. SEVERAL OTHER SHAFTS WERE SUNK ON THE PROPERTY 4.6 TO 9.2 M (15 TO 30 FT) DEEP AND SHORT DRIFTS AND CROSS-CUTS WERE RUN FROM THESE.

PRODUCTION  
 YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE AU	EST	1.5 TONS		1834-1848	AU (\$100 PER TON)
16 ORE AU	SML			1848-1857	AU (\$75,000 PRODUCED)
17 ORE AU	SML			1857-1937	AU (\$25,000 PRODUCED)

SOURCE OF INFORMATION (PRODUCTION).. BROWN (1937)

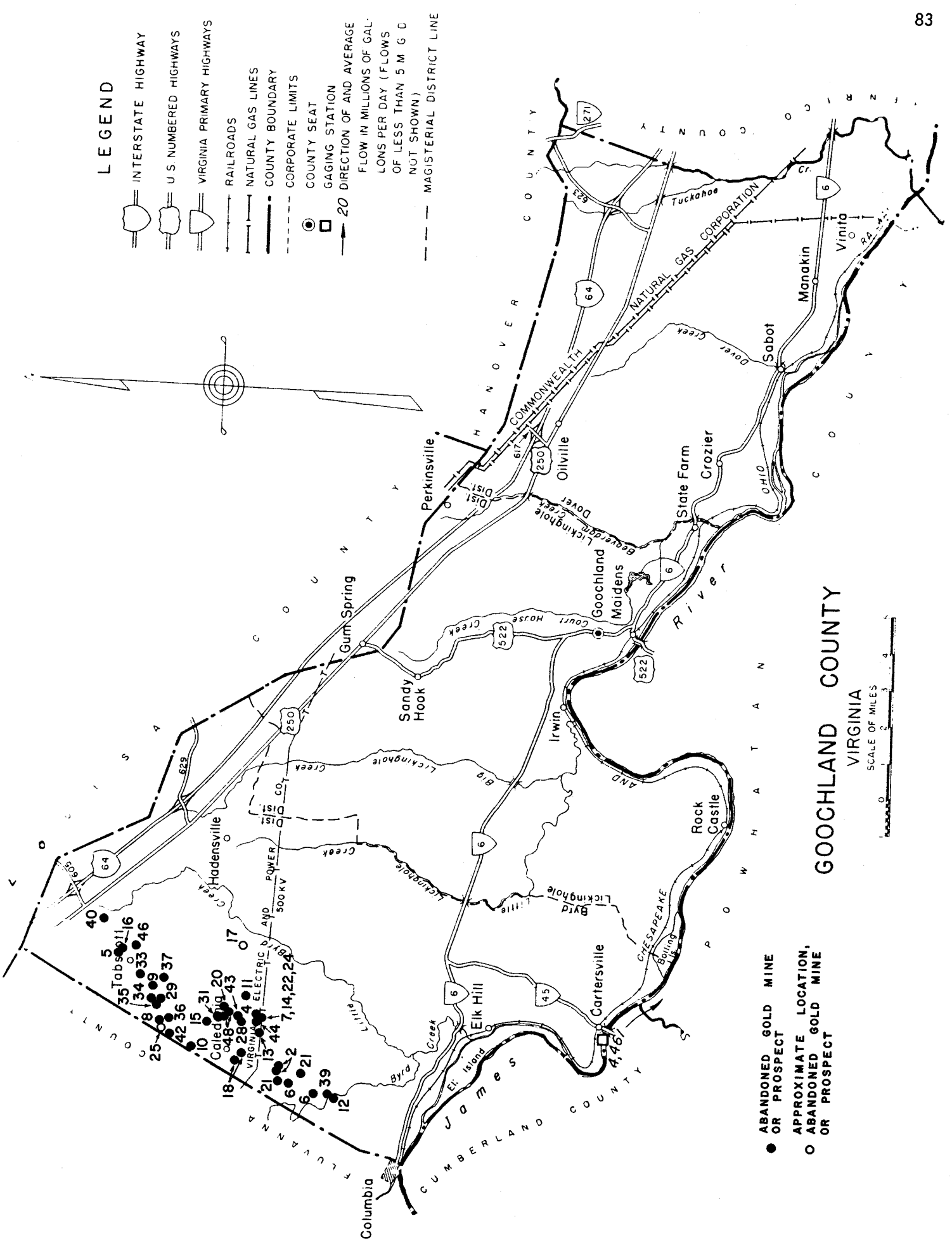
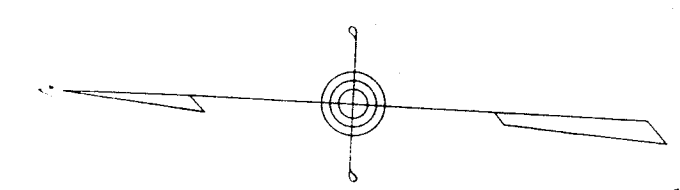
PRODUCTION COMMENTS..... ESTIMATED PRODUCTION FROM 1834 TO 1848 WAS VALUED AT BETWEEN \$130,000 TO \$150,000.  
 GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... METAOQUARTZITE, GARNETIFEROUS QUARTZ-SERICITE  
 SCHIST



LEGEND

- INTERSTATE HIGHWAY
- U S NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- GAGING STATION
- 20 DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M G D NOT SHOWN)
- MAGISTERIAL DISTRICT LINE



GOOCHLAND COUNTY VIRGINIA



- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

## GOOCHLAND COUNTY

2. Atmore (Admore) (two mines)
4. Belzoro (Belzora, Belzow)
5. Benton
6. Bertha and Edith (two mines)
7. Big Bird
8. Bowles (Boles)
9. Busby (Busbee, Groom)
10. Chatlier
11. Collins
12. Dillard
13. Duke
14. Eades (Ead's)
15. Fisher
16. Fleming (Hodge's)
17. Goochland
18. Grannison (two mines)
20. Johnson, David
21. Kent (two mines)
22. Loury
24. Marks, Lancelot
25. Massachusetts
28. Morgan (Robert Hughes)
29. Moss
31. Omohundro
33. Payne (Caswell's)
34. Prospect A
35. Prospect B
36. Prospect C
37. Pryor (Pryer)
39. Ruth
40. Shannon Hill
42. Tellurium (Fisher, Hughes, Red)  
(see Fluvanna County)
43. Thompson, John
44. Toler
46. Waller
48. Young American (Gilmer, Gilmore)  
(two mines)

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES..... GNEISS, HORNBLENDE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, OLIGOCLASE-ANDESINE

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ARVONIA FORMATION  
 AGE: ORD
- 2) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
 SMALL LOCAL FAULTS

**COMMENTS (GEOLOGY AND MINERALOGY):**

LENSES OF QUARTZ APPEAR IN BOUNDINAGE STRUCTURE. "IGNEOUS" ROCKS TO NORTH AND AS APOPHYSES IN AREA (TABER, 1913) PROBABLY ARE AMPHIBOLE SCHISTS OF MAFIC PHASE AND METAMORPHOSED FELSITE OF CHOPAWAMSI FORMATION.

**GENERAL COMMENTS**

FIRST STAMP MILL IN OPERATION IN U.S., A 6-STAMP MILL, WAS PUT INTO OPERATION AT THE "FISHER MINE" IN 1836.

**GENERAL REFERENCES**

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 406.
- 6) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## GOOCHLAND COUNTY

### ADMORE MINE (See Atmore Mine)

#### ATMORE MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030589  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... ATMORE MINE  
 SYNONYM NAME..... ADMORE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... O2 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA  
 LATITUDE LONGITUDE  
 37-48-26N 078-06-43W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4188140. 754260. +17

ALTITUDE.. 340 FT (104 M), 395 FT (120 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.0 MI (1.6 KM) SOUTH OF CALEDONIA.

LOCATION COMMENTS: OFF EAST SIDE OF FOREST ROAD 2957 ABOUT 0.6 MI (1.0 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 605. ADDITIONAL WORKINGS AT UTM N 4188130., E 754470. (ZONE +17).

**COMMODITY INFORMATION**

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

**EXPLORATION AND DEVELOPMENT**

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP. & F. EPES

**WORK DONE BY OTHER ORGANIZATIONS**

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PLACER MINING, SUPERFICIAL WORK ON VEINS.  
 2) 1974 RECON VA. DIV. MIN. RES; MINE LOCATED.

**EXPLOR. AND DEVELOP. COMMENTS:**

PLACER MINING CONDUCTED PRIOR TO CIVIL WAR. VEINS SUPERFICIALY EXPLORED.

**DESCRIPTION OF DEPOSIT**

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

**DESCRIPTION OF WORKINGS**

SURFACE

**COMMENTS(DESCRIP. OF WORKINGS):**

IN 1974, ABOUT EIGHT CAVED PITS AND TRENCHES AND SEVERAL DUMP PILES EVIDENT.

**PRODUCTION**

YES  
 SMALL PRODUCTION

**GEOLOGY AND MINERALOGY**

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ARVONIA FORMATION  
 AGE: ORD
- 2) NAME: ALLUVIUM  
 AGE: QUAT

**GENERAL REFERENCES**

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN, 48, 68 P.
- 4) GOOD, R.S., FORDHAM, O.M., JR., AND HALLADAY, C.R., 1977, GEOCHEMICAL RECONNAISSANCE FOR GOLD IN THE CALEDONIA AND PENDLETON QUADRANGLES IN THE PIEDMONT OF CENTRAL VIRGINIA: VIRGINIA MINERALS, V. 23, NO. 2, P. 13-22.
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 42.

### BELZORA MINE (See Belzoro Mine)

#### BELZORO MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030590  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... BELZORO MINE  
 SYNONYM NAME..... BELZORA MINE, BELZOW MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... O2 JAMES RIVER

PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
 37-48-47N 078-05-24W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4188850. 756170. +17

ALTITUDE.. 380 FT (116 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.05 MI (1.69 KM) SE OF CALEDONIA.

LOCATION COMMENTS: 0.6 MI (1.0 KM) OFF NE SIDE OF STATE ROAD 610 ABOUT 1.0 MI (1.6 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 AURIFEROUS PYRITE, NATIVE GOLD

MAIN ORE MINERALS:  
 AURIFEROUS PYRITE, NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1832  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1832  
 PRESENT/LAST OWNER..... KATUS BLAKEY  
 PRESENT/LAST OPERATOR.... MR GEO. FISHER

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1832 DIREXPL PLACER MINING  
 2) 1849 DIREXPL MR. GEO. FISHER, DEVELOPED PRODUCTIVE MINE  
 3) 1974 RECON VA. DIV. MIN. RES. MINE RE-LOCATED.

EXPLOR. AND DEVELOP. COMMENTS:

MINE WAS OPENED IN 1832 AS A PLACER OPERATION AND CONTINUED WITH VARYING SUCCESS UP TO 1849, WHEN MR. GEO. FISHER BOUGHT THE PROPERTY (THE PLACER GRAVELS ARE REPORTED TO HAVE BEEN VERY PRODUCTIVE, 30,000 HAVE BEEN RECOVERED FROM A LIMITED SECTION KNOWN AS "DRY GULCH." MR. FISHER SANK SEVERAL SHAFTS AND MANY SURFACE CUTS AND PITS WERE OPENED. A 10-STAMP MILL WAS BUILT TO TREAT THE ORES WHICH ARE SAID TO HAVE YIELDED AS HIGH AS \$300 PER DAY. ALL MINING OPERATIONS WERE INTERRUPTED BY THE CIVIL WAR. AFTER THE WAR A LITTLE WORK WAS DONE FROM TIME TO TIME, BUT THE MINE HAS REMAINED IDLE SINCE THE MILL BURNED SOME YEARS BEFORE 1913.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR, LINEAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
 MAX THICKNESS..... 1.2 M  
 STRIKE OF OREBODY..... NE-SW  
 DIP OF OREBODY..... 45 DEG SE

COMMENTS(DESCRIPTION OF DEPOSIT):

VEIN SYSTEM SAME AS THAT AT YOUNG AMERICAN MINE. (HOUSE VEIN) TWO VEINS 270 M APART AVERAGING 0.9 - 1.2 M THICK, PARALLEL BY LARGE NUMBER OF FLAT LENS-LIKE ORE BODIES VARYING FROM 2.5 TO 15 CM IN WIDTH. THESE LENSES ARE NOT CONTINUOUS FOR ANY GREAT DISTANCE, BUT PINCH OUT AND RE-START. NARROW SELVAGE OF CLAY AND GRIT ON EITHER SIDE OF VEINS.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, ABOUT 25 CAVED AND OPEN PITS AND TRENCHES AND THREE CAVED SHAFTS EVIDENT. ORIGINALLY SHAFTS WERE SUNK TO DEPTHS OF FROM 9 TO 18 M (30 TO 60 FT).

PRODUCTION

YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
15 ORE AU	EST	000002.5	TONS	1849-1860	AU	

SOURCE OF INFORMATION (PRODUCTION).. TABER (1913)

PRODUCTION COMMENTS.... \$300/DAY MINED FROM VEINS. THE PROPERTY IS ESTIMATED TO HAVE PRODUCED FROM PLACER GRAVELS AND FROM VEINS A TOTAL OF NOT LESS THAN \$100,000. THE PLACER GRAVELS DURING THE EARLY OPERATIONS YIELDED \$10 PER DAY USING THREE WORKMEN.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD -QUAT  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, QUARTZ-SERICITE GNEISS, ALLUVIUM

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE (SERICITE)

IMPORTANT ORE CONTROL/LOCUS.. VEINS, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C. B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 4) HAMMETT, A. B. J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 393.

**BELZOW MINE (See Belzoro Mine)**

**BENTON MINE**

RECORD IDENTIFICATION

RECORD NO..... W030591  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D. C. LEVAN), ROBERT E  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BENTON MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-57N 078-03-33W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4194810. 758690. +17

ALTITUDE.. 430 FT (131 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.45 MI (0.72 KM) NE OF TABSCOTT.

LOCATION COMMENTS: 250 FT (75 M) OFF NW SIDE OF STATE ROAD 605 ABOUT 0.45 MI (0.72 KM) BY ROAD NE OF JUNCTION WITH STATE ROAD 603.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... POST-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. POST-CIVIL WAR  
 PRESENT/LAST OWNER..... N. MUIZELS

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL SHAFT SUNK  
 2) 1974 RECON VA. DIV. MIN. RES.: MINE LOCATED

EXPLOR. AND DEVELOP. COMMENTS:  
 TABER (1913) REPORTS MINE INACTIVE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE (?)  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 TABER (1913) CONSIDERED THIS DEPOSIT TO BE EXTENSION OF TELLURIUM VEIN SYSTEM.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 DEEP SHAFT SUNK. IN 1974, FIVE CAVED PITS AND SHAFTS AND SEVERAL DUMP PILES EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS..... NO PRODUCTION FIGURES AVAILABLE, BUT PROBABLY SMALL.  
 GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GARNETIFEROUS SCHIST, PHYLLITE  
 IGNEOUS ROCK TYPES..... DIORITE

PERTINENT MINERALOGY..... QUARTZ, FELDSPAR MUSCOVITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 AGE: DIORITE DIKE

GENERAL COMMENTS

FLEMING MINE SITUATED 0.2 MI (0.3 KM) ESE OF BENTON MINE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

**BERTHA AND EDITH MINE**

RECORD IDENTIFICATION

RECORD NO..... W030592  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BERTHA AND EDITH MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
 37-47-08N 078-07-30W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4185710. 753190. +17

ALTITUDE.. 250 FT (76 M), 395 FT (120M).

POSITION FROM NEAREST PROMINENT LOCALITY: 1.65 MI (2.66 KM) SW OF CALEDONIA.

LOCATION COMMENTS: ALONG BOTH SIDES OF FOREST ROAD 2957 ABOUT 1.1 MI (1.8 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 605. ADDITIONAL SITE AT UTM N 4187300., E 753640. (+17).

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS,ROCKS,ETC.):

NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 PYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION.. PRE-CIVIL WAR  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CO., E.T. WALTON  
 PRESENT/LAST OPERATOR.... H.H. WALTON, PENDLETON, VA

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) 1877 DIREXPL BERTHA AND EDITH GOLD MINING CO, PRODUCED ORE
  - 2) 1937 DIREXPL H.H. WALTON, WORKED PLACER DEPOSIT
  - 3) 1974 RECON VA, DIV. MIN. RES: LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:

PLACER GRAVELS WERE FIRST WORKED BEFORE THE CIVIL WAR. IN 1877, THE BERTHA AND EDITH GOLD MINING CO. BEGAN DEVELOPMENT WORK ON THE QUARTZ VEINS. A LITTLE LATER A FRASER AND CHALMERS 20-STAMP MILL WAS ERRECTED TO CRUSH THE ORE. IN 1882, THE TAGUS MINING AND MILLING COMPANY BEGAN WORK. SOME HYDRAULIC MINING WAS CARRIED ON AND SEVERAL VEINS WERE PROSPECTED BY SURFACE OPENINGS, BUT MOST OF THE UNDERGROUND DEVELOPMENT WAS LIMITED TO THE "OAK HILL" AND "MAPLE BRANCH" VEINS. IN 1897, THE RIVANNA GOLD MINING CO. REOPENED THE "OAK HILL" VEIN AND BUILT A CYANIDE PLANT TO TREAT THE TAILINGS FROM THE STAMP MILL. MILLING HAD SCARCELY BEGUN BEFORE THE WHOLE PLANT WAS DESTROYED BY FIRE IN 1898. THE COMPANY ALSO PROSPECTED THE PLACER GRAVELS IN THE FLAT NEAR THE MOUTH OF CAMP BRANCH, THE METHOD BEING TO FIRST REMOVE THE OVERBURDEN WITH SCRAPERS AND THEN WASH THE GRAVEL IN ROCKERS, BUT THIS WAS DISCONTINUED WHEN THE MILL BURNED. PLACERS WERE WORKED AGAIN FROM 1937 TO 1939 BY H.H. WALTON.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR, LINEAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.8 M  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THREE VEINS: OAK HILL, MAPLE BRANCH, AND HOUSE. WIDTH ABOVE IS FOR OAK HILL VEIN. OAK HILL VEIN SAID TO HAVE AVERAGED \$5/TON, THE MAPLE BRANCH VEIN HAS A NE-SW STRIKE AND IS SAID TO HAVE BEEN MUCH NARROWER BUT RICHER IN GOLD THAN THE OAK HILL VEIN.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

THE OAK HILL VEIN WAS EXPLORED BY AN ADIT 122 M (400 FT) LONG, WHICH DRAINED THE HILL 23 M (75 FT) BELOW THE SUMMIT AND WAS CONNECTED BY A RAISE WITH AN UPPER LEVEL ON WHICH THERE WERE 91 M (300 FT) OF DRIVES AND CROSS-CUTS, THE MAPLE BRANCH VEIN WAS EXPLORED BY A TUNNEL OF UNKNOWN LENGTH, BUT WORK HAD TO BE STOPPED ON ACCOUNT OF "BAD GROUND." IN 1974, NUMEROUS WATER-FILLED AND CAVED SHAFTS AND PITS, ROCK FOUNDATIONS OF OLD PLANT SITE, AN OLD WASHER AND POWER SHOVEL, AND DUMPS WERE EVIDENT.

PRODUCTION

YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE,COMMOD.,CONC.,OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
15 AU	SML			1937-1939	

SOURCE OF INFORMATION (PRODUCTION).. BUREAU OF MINES, MINERAL YEARBOOK 1938-1940.

PRODUCTION COMMENTS..... NO PRODUCTION FIGURES FOR 19TH CENTURY WORKINGS. SMALL AMOUNTS OF GOLD PRODUCED IN 1937-1939.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... QUARTZ-SERICITE-FELDSPAR GNEISS, HORNBLENDIC SCHIST, QUARTZ-SERICITE SCHIST, PHYLLITE

PERTINENT MINERALOGY..... QUARTZ, FELDSPAR, MUSCOVITE, MAGNETITE, KAOLINITE, LIMONITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY,  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

SIGNIFICANT ALTERATION:  
 KAOLINIZATION OF FELDSPAR

COMMENTS (GEOLOGY AND MINERALOGY):

THE VEINS ARE LOCATED APPROXIMATELY 0.8 KM (0.5 MI) NORTHWEST OF THE CONTACT OF THE SCHISTS AND GNEISS WITH THE HORNBLENDIC BORDER FACIES OF THE COLUMBIA GRANITE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, P. 25-33.
- 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

## BIG BIRD MINE

RECORD IDENTIFICATION  
 RECORD NO. W030593  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1.3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME BIG BIRD MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY GOOCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000  
 QUAD NO OR NAME CALEDONIA, VA  
 LATITUDE 37-48-41N  
 LONGITUDE 078-05-26W  
 UTM NORTHING 4188670.  
 UTM EASTING 756130.  
 UTM ZONE NO +17  
 ALTITUDE 330 FT (101M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.1 MI (1.8 KM) SE OF CALEDONIA.

LOCATION COMMENTS: 0.5 MI (0.8 KM) OFF NE SIDE OF STATE ROAD 610, ON COLE CREEK ABOUT 0.4 MI (0.6 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 651.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY PRE-CIVIL WAR  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION PRE-CIVIL WAR  
 PRESENT/LAST OWNER K. BLAKEY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL OPERATED AS PLACER PROBABLY PRIOR TO CIVIL WAR  
 2) 1974 RECON VA. DIV. MIN. RES: MINE LOCATED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER  
 FORM/SHAPE OF DEPOSIT: IRREGULAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL

## DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SEVERAL SHALLOW SCOOPED-OUT, WATER-FILLED AREAS EVIDENT

## PRODUCTION

YES  
 SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS QUAT  
 HOST ROCK TYPES GRAVEL

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: ARVONIA FORMATION  
 AGE: ORD

## GENERAL COMMENTS

ADJOINS BELZORO MINE.

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

## BOLES MINE (See Bowles Mine)

## BOWLES MINE (TELLURIUM VEIN SYS.)

RECORD IDENTIFICATION  
 RECORD NO. W030594  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1.3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME BOWLES MINE (TELLURIUM VEIN SYS.)  
 SYNONYM NAME BOLES MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY GOOCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000  
 QUAD NO OR NAME CALEDONIA, VA  
 LATITUDE 37-50-48N  
 LONGITUDE 078-05-52W  
 UTM NORTHING 4192580.  
 UTM EASTING 755360.  
 UTM ZONE NO +17  
 ALTITUDE 460 FT (140M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.98 KM (1.85 MI) NNE OF CALEDONIA.

LOCATION COMMENTS: 0.3 KM (0.2 MI) OFF NW SIDE OF STATE ROAD 605 ABOUT 0.88 KM (0.55 MI) BY ROAD NE OF ITS INTERSECTION WITH FOREST ROAD 2956.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL  
 OCCURRENCE PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD, PYRITE

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY PRE-CIVIL WAR  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION PRE-CIVIL WAR  
 PRESENT/LAST OWNER RICHARD C. BOWLES  
 PRESENT/LAST OPERATOR MR. FERRIS

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL SHAFT SUNK, SEVERAL PITS DUG  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; MINE INSPECTED

## EXPLOR. AND DEVELOP. COMMENTS:

PLACER GRAVELS ALONG THE TWO BRANCHES THAT RUN THROUGH THE PROPERTY WERE EXTENSIVELY WORKED FOR GOLD PRIOR TO THE CIVIL WAR. AFTER THE VEINS OF THE TELLURIUM SYSTEM HAD BEEN DEVELOPED ON THE PROPERTY OF THAT NAME, THEY WERE TRACED ACROSS ON TO THE BOWLES TRACT AND CONSIDERABLE DEVELOPMENT WORK WAS CARRIED OUT AT SEVERAL DIFFERENT PERIODS, EXACT DATES UNKNOWN.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT: LINEAR, LENS  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 STRIKE OF OREBODY N 60 DEG E  
 DIP OF OREBODY 30 DEG SE

COMMENTS(DESCRIPTION OF DEPOSIT):  
QUARTZ VEINLETS RANGE UP TO 0.35 M IN WIDTH, COMMONLY FOLLOW QUARTZITE BEDDING PLANES, BUT MAY CUT DIRECTLY ACROSS THEM

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
OPEN SHAFT 6.7 M IN DIAMETER AT TOP TO A RECTANGULAR 4.6 M X 3 M AT BOTTOM WHICH IS WATER FILLED AND ABOUT 18 M DEEP. ABOUT 10 CAVED PITS AND EXTENSIVE DUMPS REPORTED 1974. SEVERAL SHAFTS RANGING IN DEPTH FROM 12 TO 30 M (40 TO 100 FT) WERE SUNK ON THE BIG SANDSTONE VEIN. ONE SHAFT STARTED ON AN OUTCROP OF THE VEIN WAS SUNK 30 M (100 FT) ON THE DIP OF THE VEIN, AND 15 M (50 FT) FROM THE COLLAR A CROSS-CUT WAS DRIVEN SOUTHEAST TO CONNECT WITH A VERTICAL SHAFT AT A POINT ABOUT 12 M (40 FT) BELOW THE SURFACE. THE VERTICAL SHAFT WAS SUNK TO A DEPTH OF 22 M (72 FT), AND AFTER STRIKING THE "LITTLE" VEIN WAS CONTINUED FOR 14 M (45 FT) ALONG THE DIP OF THE VEIN.

PRODUCTION  
YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. CREONER (1869)

PRODUCTION COMMENTS... AS HIGH AS 50 DWTS OR 1 TOZ PER DAY FOR ONE MAN IS SAID TO HAVE BEEN OBTAINED FROM THE PLACER GRAVELS OF THE TWO BRANCHES WHICH CROSS THE PROPERTY.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, FERRUGINOUS QUARTZITES, GRANITE  
AGE OF ASSOC. IGNEOUS ROCKS... PAL  
IGNEOUS ROCK TYPES..... GRANITE  
PERTINENT MINERALOGY..... GARNET, HEMATITE, MAGNETITE, SERICITE, ZIRCON, TITANITE, QUARTZ, FELDSPAR.  
IMPORTANT ORE CONTROL/LOCUS... IN QUARTZ VEINS WHICH OCCUR WITHIN QUARTZITE BEDS OR IN SCHIST NEAR THE QUARTZITE BEDS.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

SCHIST IS USUALLY GARNETIFEROUS, AND INTERBEDDED WITH FINE-GRAINED EQUIGRANULAR QUARTZITE; AREA REPORTEDLY BORDERS WITH GRANITE ALONG NE BOUNDARY. FOR A MORE IN DEPTH DESCRIPTION OF THE TELLURIUM VEIN SYSTEM, OF WHICH THIS MINE IS A PART, SEE TABER (1913).

GENERAL COMMENTS

ADDITIONAL PORTION OF PROPERTY IS IN FLUVANNA COUNTY TO NW; LISTED UNDER BOWLES MINE (GOLD HILL VEIN SYS.)

GENERAL REFERENCES

- 1) TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 2) WATSON, T.L., 1907. MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., 618 P.
- 3) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) HAMMETT, A.B.J., 1966. THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.
- 5) CREONER, H., 1869. REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 26.

**BUSBEE MINE (See Busby Mine)**

**BUSBY MINE**

RECORD IDENTIFICATION  
RECORD NO..... WO30595  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VOMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... BUSBY MINE  
SYNONYM NAME..... BUSBEE MINE, GROOM PROPERTY  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... GOOCHLAND

DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE..... QUAD NO OR NAME  
1: 24000..... CALEDONIA, VA.

LATITUDE..... LONGITUDE  
37-51-04N..... 078-04-46W

UTM NORTHING..... UTM EASTING..... UTM ZONE NO  
4193110..... 756980..... 17

ALTITUDE.. 445 FT (136 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.05 MI (1.69 KM) SW OF TABSCOTT.

LOCATION COMMENTS: 0.15 MI (0.24 KM) OFF SSE SIDE OF STATE ROAD 605, 0.35 MI (0.56 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 681.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

ANALYTICAL DATA(GENERAL)

RECORDS INDICATE THAT A RANDOM SAMPLE WAS CRUSHED AND WASHED, YIELDING SIX GRAINS, EQUIVALENT TO \$81 PER TON. ANOTHER TEST OF TWO POUNDS OF ORE YIELDED APPROXIMATELY \$250 PER TON.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8  
YEAR OF DISCOVERY..... 1829  
BY WHOM..... FISHER  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1830  
PRESENT/LAST OWNER..... DURWOOD G. AND JAMES ASHBY PAYME  
PRESENT/LAST OPERATOR... RICHMOND MINING COMPANY

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1837 DIREXPL FISHERS AND D.W.K BOWLES, ERECTED MILL  
2) 1836 DIREXPL OPERATED BY RICHMOND MINING CO  
3) 1974 RECON LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:

THIS MINE WAS ONE OF THE FIRST GOLD MINES TO BE WORKED IN VIRGINIA. THE PLACERS WERE BEING WASHED AS EARLY AS 1829 BY THE FISHERS. IN WORKING UP BUSBY BRANCH, THE BUSBY VEIN WAS DISCOVERED, AND THEN A SMALL WOODEN STAMP MILL RUN BY HORSE-POWER WAS PUT UP BY THE FISHERS AND D.W.K. BOWLES. BY 1836 THE RICHMOND MINING COMPANY HAD TAKEN OVER OPERATIONS AND A SHAFT HAD BEEN SUNK TO A DEPTH OF 17.4 M (57 FT), WITH THE EXPECTATION OF STRIKING THE VEIN AT 21 M (70 FT). THE VEIN HAD FIRST BEEN PROVED BY 4 PROSPECTING PITS 6 TO 8 M (20 TO 26 FT) IN DEPTH. BY 1865 THE MINE WAS IN RUINS AND NO FURTHER ATTEMPTS HAVE BEEN MADE TO REOPEN IT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 0.8 M

COMMENTS(DESCRIPTION OF DEPOSIT):

TWO VEINS, MOSS AND BUSBY, ON LINE WITH TELLURIUM SYSTEM. THE BUSBY VEIN WAS 305 TO 762 MM (12 TO 30 IN) WIDE. THE VEIN CONSISTS OF WHITE, COARSELY GRANULAR TO SACCHAROIDAL QUARTZ, APPARENTLY FREE OF ALL ORE MINERALS AND IMPURITIES EXCEPT GOLD.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 17.4 M

COMMENTS(DESCRIP. OF WORKINGS):

SEVERAL SHAFTS REPORTEDLY SUNK. IN 1974, WATER-FILLED SHAFT, THREE SHALLOW PITS AND SCATTERED QUARTZ EVIDENT. ONE SHAFT WAS SUNK TO A DEPTH OF AT LEAST 17.4 M (57 FT) AND 4 PROSPECT PITS, EACH 6 TO 8 M (20 TO 26 FT) DEEP, WERE DUG.

PRODUCTION

YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SILLIMAN (1837) AS REF. IN TABER (1913)  
CREONER (1869)

PRODUCTION COMMENTS... ORE ASSAYS VARIED FROM \$81 TO \$250 PER TON. 600 TO 850 TONS OF ORE HAD BEEN ACCUMULATED FOR MILLING IN 1836 WHEN SILLIMAN VISITED THE MINE. IN 1865 WHEN H. CREONER VISITED THE MINE NO ORE WAS SEEN SO IT HAD EITHER BEEN MILLED OR REMOVED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
HOST ROCK TYPES..... FERRUGINOUS METAQUARTZITE, SCHIST, GRAVEL  
PERTINENT MINERALOGY..... SACCHAROIDAL QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD  
2) NAME: ALLUVIUM  
AGE: QUAT

COMMENTS (GEOLOGY AND MINERALOGY):  
THE BUSBY VEIN IS SUPPOSED TO BE A CONTINUATION OF THE MOSS VEIN, BUT CONTINUOUS TRACING ON THE SURFACE BETWEEN THE TWO MINES IS NOT POSSIBLE.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C. B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOODLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 4) CREDNER, H., REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA, AMERICAN JOURNAL OF MINING, 1869, VOL. 7, P. 27
- 5) HAMMETT, A. B. J., 1966, THE HISTORY OF GOLD, KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

CASWELL'S MINE (See Payne Tract Mine)

CHATLIER PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W030596  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... BEAUL  
IEU (D.C. LEVAN) HARVEY R  
DATE ..... 79  
06

NAME AND LOCATION  
DEPOSIT NAME ..... CHATLIER PROSPECT  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE ..... VA  
STATE NAME: VIRGINIA

COUNTY ..... GOODLAND  
DRAINAGE AREA ..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
37-50-21N 078-06-12W

UTM NORTHING UTM EASTING UTM ZONE NO  
4191720. 754900. +17

ALTITUDE.. 472 FT (144 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2 KM (1.25 MI) N OF CALEDONIA.

LOCATION COMMENTS: 0.24 KM (0.15 MI) OFF SW SIDE OF FOREST ROAD 2956 ABOUT 0.3 KM (0.2MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 605; IN A PINE GROVE BEHIND A HOUSE.

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

MAIN COMMOD. .... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

COMMODITY COMMENTS:  
NO REPORT AS TO ORE MINERALIZATION

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY ..... A  
PRESENT/LAST OWNER ..... FRANK RICCIARDI

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
6M X 0.8M SHALLOW DEPRESSION WITH SCATTERED IRON-STAINED QUARTZ AND MINOR SCHIST REPORTED 1974.

PRODUCTION  
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... BIOTITE SCHIST, GNEISS, MUSCOVITE GRANITE

AGE OF ASSOC. IGNEOUS ROCKS.. ORD  
IGNEOUS ROCK TYPES..... MUSCOVITE GRANITE

PERTINENT MINERALOGY..... IRON-STAINED QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: ARVONIA FORMATION  
AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
NO REPORT AS TO MINERALIZATION AT THE PROSPECT.

GENERAL COMMENTS

MORRILL (1972) DESCRIBES ONLY THE PROSPECTS LOCATION.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PT. 4: ROCKS AND MINERALS, V. 47, NO. 10, P. 587-596.

COLLINS MINE

RECORD IDENTIFICATION  
RECORD NO. .... W030597  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D.C. LEVAN) ROBERT E  
DATE ..... 79  
06  
UPDATED ..... 82  
01  
BY ..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME ..... COLLINS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
STATE NAME: VIRGINIA

COUNTY ..... GOODLAND  
DRAINAGE AREA ..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-48-55N 078-04-43W

UTM NORTHING UTM EASTING UTM ZONE NO  
4189130. 757160. +17

ALTITUDE.. 300 FT (91M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.55 MI (2.49 KM) EAST OF CALEDONIA.

LOCATION COMMENTS: 0.6 MI (1.0 KM) OFF SW SIDE OF FOREST ROAD 2956 ON LUCK BRANCH (RANSOME CREEK, A TRIBUTARY OF LITTLE BYRD CREEK) ABOUT 0.65 MI (1.05 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 603.

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY ..... 1829  
BY WHOM ..... GEO. FISHER (?)  
NATURE OF DISCOVERY ..... A  
YEAR OF FIRST PRODUCTION. 1830  
PRESENT/LAST OWNER ..... WESTVACO  
PRESENT/LAST OPERATOR.... POWHATAN MINING CO.

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) 1830 DIREXPL STEVE COLLINS, PLACER OPERATION
  - 2) 1934 DIREXPL POWHATAN MINING CO., PLACER OPERATION
  - 3) 1974 RECON VA. DIV. MIN. RES., MINE LOCATED



EXPLOR. AND DEVELOP. COMMENTS:  
PROBABLY FIRST MINE WORKED FOR GOLD IN THE JAMES RIVER DISTRICT, IF NOT IN THE STATE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT: SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
CREDNER (1869) REPORTED THAT THE OUTCROP OF A VEIN FROM 0.6 TO 1.8 M (2 TO 6 FT) WIDE, AND SUPPOSED TO BE THE CONTINUATION OF THE BELZORO, HAD BEEN OPENED BY FOUR CUTS, WHICH HAD FURNISHED RICH AURIFEROUS QUARTZ. HE ALSO REPORTED EXTENSIVE GOLD PLACERS ON THE PROPERTY.

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, BEAVER POND COVERED PORTION OF AREA, BUT NUMEROUS CAVED PITS AND BRUSH-COVERED DUMPS EVIDENT

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: ORD-QUAT  
HOST ROCK TYPES: SCHIST, GRAVEL  
PERTINENT MINERALOGY: QUARTZ  
IMPORTANT ORE CONTROL/LOCUS: QUARTZ VEINS AND PLACER GRAVELS.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES: COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING: PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

GENERAL COMMENTS

SITUATED ON EAST SIDE OF BELZORO MINE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, P. 17, NO. 3, P 25-33.
- 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 5) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD, KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.
- 6) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 27.

DILLARD MINE

RECORD IDENTIFICATION  
RECORD NO. W030598  
RECORD TYPE X1M  
COUNTRY/ORGANIZATION USGS  
INFORMATION SOURCE 1,3  
FILE LINK ID. VDMR  
MAP CODE NO. OF REC.  
REPORTER  
NAME ZER (D.C. LEVAN), ROBERT E. MEINT  
DATE 06 79  
UPDATED 01 81  
BY LE, DAVID, C. TRIMB

NAME AND LOCATION

DEPOSIT NAME DILLARD MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE US  
COUNTRY NAME: UNITED STATES  
STATE CODE VA  
STATE NAME: VIRGINIA  
COUNTY GOOCHLAND  
DRAINAGE AREA O2 JAMES RIVER  
PHYSIOGRAPHIC PROV. O2 PIEDMONT  
LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA  
LATITUDE LONGITUDE  
37-46-41N 078-07-39W  
UTM NORTHING UTM EASTING UTM ZONE NO  
4184860. 753000. +17  
ALTITUDE 210 FT (64 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.65 MI (4.27 KM) NE OF COLUMBIA.

LOCATION COMMENTS: ALONG WEST SIDE OF BYRD CREEK, 0.55 MI (0.88 KM) NORTH OF STATE ROAD 667 FROM A POINT ABOUT 0.35 MI (0.56 KM) BY STATE ROAD 667 WEST OF ITS CROSSING OVER BYRD CREEK.

COMMODITY INFORMATION  
COMMODITIES PRESENT: AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS: AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY: A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL APPARENT PLACER OPERATION  
2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
NO REPORT OF DEVELOPMENT

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER (?)  
FORM/SHAPE OF DEPOSIT: IRREGULAR  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT: SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, SEVERAL SCOOPED-OUT AREAS AND SAND BARS EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS: PRODUCTION, IF ACTUALLY ANY, WAS PROBABLY SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: QUAT  
HOST ROCK TYPES: GRAVEL

PERTINENT MINERALOGY: QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES: COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING: PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
ARVONIA FORMATION UNDERLIES AREA.

GENERAL COMMENTS

RUTH MINE ADJOINS TO NE. BROWN (1937) AND TABER (1913) DO NOT MENTION THIS MINE. THE ONLY DIRECT REFERENCE IS A NOTATION ON THE PALMYRA, VA. 30-MIN. TOPOGRAPHIC QUADRANGLE, 1902.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.

DUKE PROPERTY MINE

RECORD IDENTIFICATION  
RECORD NO. W030599  
RECORD TYPE X1M  
COUNTRY/ORGANIZATION USGS  
INFORMATION SOURCE 1,3  
FILE LINK ID. VDMR  
MAP CODE NO. OF REC.

REPORTER  
NAME ZER (D.C. LEVAN), ROBERT E. MEINT  
DATE 06 79  
UPDATED 01 82  
BY LE, DAVID, C. TRIMB

NAME AND LOCATION

DEPOSIT NAME DUKE PROPERTY MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE US  
COUNTRY NAME: UNITED STATES  
STATE CODE VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-41N 078-05-48W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4188670. 755580. +17

ALTITUDE.. 360 FT (110 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.85 MI (1.37 KM) SE OF CALEDONIA.

LOCATION COMMENTS: 0.25 MI (0.40 KM) OFF NE SIDE OF STATE ROAD 610 ABOUT 0.9 MI (1.45 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR (?)  
 PRESENT/LAST OWNER..... K. BLAKEY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PLACER OPERATION PRIOR TO 1869  
 2) 1974 RECON VA. DIV. MIN. RES: LOCATED MINE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 PROPERTY IS TRAVERSED BY A VEIN OF IRON PYRITES, THE OUTCROPPING OF WHICH SHOWS AS A GOSSAN.

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974 SEVERAL SMALL DEPRESSIONS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... QUAT-ORD  
 HOST ROCK TYPES..... GRAVEL, SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL COMMENTS  
 SW OF TOLER PROPERTY.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.  
 4) CREDDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR[MNG.], VOL. VII, P. 42.

**EADES MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W030600  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE..... 79  
 06  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... EADES MINE  
 SYNONYM NAME..... EAD'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-41N 078-05-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4188670. 756130. +17

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.8 KM (1.1 MI) SE OF CALEDONIA.

LOCATION COMMENTS: ALONG COLE CREEK 0.8 KM (0.5 MI) OFF NE SIDE OF STATE ROAD 610 FROM A POINT ABOUT 0.6 KM (0.4 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 651.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... POST CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1865 (?)  
 PRESENT/LAST OWNER..... K. BLAKEY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1885 DIREXPL PLACER MINE OPERATED  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THE TELLURIUM VEIN WAS SAID TO HAVE BEEN DISCOVERED CROSSING THIS PROPERTY. PROSPECT PITS HAD FURNISHED SPECIMENS OF VERY RICH GOLD ORE WHEN VISITED BY CREDDNER IN 1869.

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 SEVERAL WATER-FILLED DEPRESSIONS WITH SEVERAL PILES OF QUARTZ, BOTH WHITE AND IRON-STAINED.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD-QUAT  
 HOST ROCK TYPES..... SCHIST, QUARTZ GRAVEL

IMPORTANT ORE CONTROL/LOCUS.. IN GRAVEL AT OR NEAR SURFACE AND IN QUARTZ VEINS.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE: NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL COMMENTS  
 ASSOCIATED WITH BIG BIRD MINE, LANCELOT MARKS MINE AND LAURY MINE.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) HARPER'S MAGAZINE, 1865, THE NATURAL WEALTH OF VIRGINIA: NEW YORK, V. 32, NO. 187, P. 32-42
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 4) BROWN, C. B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 5) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 26.

EAD'S MINE (See Eades Mine)

FISHER MINE

RECORD IDENTIFICATION  
 RECORD NO. W030601  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE 79  
 06  
 UPDATED 82  
 01  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME FISHER MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY GOOCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000 QUAD NO OR NAME CALEDONIA, VA.  
 LATITUDE 37-50-05N LONGITUDE 078-05-38W  
 UTM NORTHING 4191260 UTM EASTING 755750 UTM ZONE NO +17

ALTITUDE 410 FT (125 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.9 KM (1.2 MI) NE OF CALEDONIA.

LOCATION COMMENTS: 0.4 KM (0.25 MI) OFF N SIDE OF FOREST ROAD 2956 (HEADING SE); ABOUT 0.5 KM (0.3 MI) BY ROAD E OF ITS INTERSECTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY PRE-CIVIL WAR  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1860  
 PRESENT/LAST OWNER CONTINENTAL CAN CO., INC.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1860 DIREXPL MINE OPENED, LATER EXTENSIVE DIGGING OCCURRED  
 2) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:  
 OPENED 1860, AND BY 1895 A 12.2 M (40 FT) SHAFT AND 53.3 M (175 FT) OF DRIFTS HAD BEEN DUG.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 MAX WIDTH 0.38 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 VEIN VARIES FROM 0.076 M TO 0.38 M IN THICKNESS. CREDNER (1869) REPORTED THREE SHAFTS ON A LODE OF TABULAR SANDY QUARTZ, WHICH CARRIED GOLD, AS SPECIMENS ON THE DUMP SHOWED.

DESCRIPTION OF WORKINGS  
 DEPTH OF WORKINGS BELOW SURFACE 12.2 M  
 LENGTH OF WORKINGS 53.3 M

COMMENTS(DESCRIP. OF WORKINGS):  
 5M X 2M X 1.2M DEEP PIT, A 2M X 0.6M PIT, DUMP AND SCATTERED PIECES OF WHITE QUARTZ WITH SOME IRON STAINING REPORTED 1974. CREDNER (1869) REPORTED THREE SHAFTS HAD BEEN SUNK.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ORD  
 HOST ROCK TYPES QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY QUARTZ

IMPORTANT ORE CONTROL/LOCUS IN QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
 SAME ORE VEINS AS THOSE OPENED AT MOSS AND BUSBY MINES.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL COMPANY, 618 P.
- 3) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 406.

FLEMING MINE

RECORD IDENTIFICATION  
 RECORD NO. W030602  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE 79  
 06  
 UPDATED 82  
 01  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME FLEMING MINE  
 SYNONYM NAME HODGE'S MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY GOOCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE 1: 24000 QUAD NO OR NAME CALEDONIA, VA

LATITUDE 37-51-54N LONGITUDE 078-03-21W

UTM NORTHING 4194730 UTM EASTING 759000 UTM ZONE NO +17

ALTITUDE 480 FT (146 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.88 KM (0.55 MI) NE OF TABSCOTT.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF SE SIDE OF STATE ROAD 605 ABOUT 0.88 KM (0.55 MI) BY ROAD NE OF ITS INTERSECTION WITH STATE ROAD 603.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY 1835 (?)  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1835 (?)

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1835 DIREXPL PLACER GRAVELS WORKED  
 2) 1846 DIREXPL GENERAL COOK; 6-STAMP MILL ERECTED  
 3) 1974 RECON VA. DIV. OF MINERAL RESOURCES; SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:

THE PLACER GRAVELS ON THIS PROPERTY ARE SAID TO HAVE BEEN WASHED DURING THE EARLY DAYS OF GOLD MINING IN THE DISTRICT (1835?). GENERAL COOK STARTED UNDERGROUND WORK IN 1846 AND ERECTED A 6-STAMP MILL WHICH YIELDED AT TIMES AS MUCH AS \$200 PER DAY. IN 1848 THE PROPERTY WAS SOLD TO THE L'AIGLE D'OR COMPANY OF NEW YORK. LITTLE DEVELOPMENT WORK WAS ATTEMPTED UNTIL AFTER THE CIVIL WAR, WHEN THE MINE WAS REOPENED BY SEVERAL SMALL SHAFTS. IN 1910 ALL OF THE OPENINGS WERE INACCESSIBLE. (THE L'AIGLE D'OR COMPANY MAY HAVE BEEN THE L'AIGLE D'OR COMPANY.)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN, PLACER

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
 STRIKE OF OREBODY..... N 61 DEG E  
 DIP OF OREBODY..... 45 DEG SE  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 STRIKE AND DIP REFER TO SCHISTOSITY

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

REPORTEDLY CONSISTED OF A SERIES OF OLD SHAFTS AND PITS EXTENDING FOR 137 M DIRECTED N 60 DEG E, WITH 2 OLD SHAFTS 18.3 M AND 10.7 M DEEP (TABER, 1913); ABOUT 5 CAVED PITS, COVERED DUMPS REPORTED 1974.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
 HOST ROCK TYPES..... AMPHIBOLE SCHIST, ALLUVIUM  
 PERTINENT MINERALOGY..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS.. IN QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

GENERAL COMMENTS

IN ITS EARLY HISTORY CALLED HODGE'S MINE

GENERAL REFERENCES

- BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- HAMMETT, A.B.U., 1966, THE HISTORY OF GOLD, KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.
- CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 26.

GILMER MINE (See Young American Mine)

GILMORE MINE (See Young American Mine)

GOOCHLAND PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. .... W030603  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE..... 79  
 06

NAME AND LOCATION  
 DEPOSIT NAME..... GOOCHLAND PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-49- N 078-03- W

UTM NORTHING UTM EASTING UTMZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: NOT LOCATED.

LOCATION COMMENTS: AROUND THE HEADWATERS OF LITTLE BYRD CREEK

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES; UNABLE TO LOCATE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY PLACER  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS

SURFACE

PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS.... PRODUCTION DOUBTFUL.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS

SITE NOT LOCATED IN 1974

GENERAL REFERENCES

- SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- MAP OF GOLD MINING DISTRICT OF VIRGINIA, 1830-1840'S

GRANNISON MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030604  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... GRANNISON MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-56N 078-06-51W

UTM NORTHING 4189060. UTM EASTING 754030. UTM ZONE NO +17

ALTITUDE.. 430 FT (131 M), 390 FT (119 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.6 MI (1.0 KM) SW OF CALEDONIA.

LOCATION COMMENTS: SE SIDE OF STATE ROAD 605 ABOUT 0.6 MI (1.0 KM) SW OF JUNCTION WITH STATE ROAD 610. ADDITIONAL SITE AT UTM N 4188690., E 754520., ZONE +17.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
PRESENT/LAST OWNER..... F. TYLER, CONTINENTAL CAN CO., INC.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL PLACER AND VEIN MINING PRIOR TO CIVIL WAR  
2) DIREXPL ADDITIONAL VEIN MINING AND MILL ERECTION POST CIVIL WAR  
3) 1974 RECON VA. DIV. MIN. RES., MINE LOCATED

EXPLOR. AND DEVELOP. COMMENTS:

PLACER GRAVELS WERE EXTENSIVELY WORKED BEFORE THE CIVIL WAR AND 3 QUARTZ VEINS WERE OPENED UP. ONE OF THESE WAS WORKED TO SOME EXTENT BY OPEN PITS AND A SHAFT 13 M (42 FT) DEEP. AFTER THE WAR THE VEINS WERE REOPENED AND A 10-STAMP MILL BUILT NEAR THE BRANCH, MOST OF THE WORK WAS DONE A SHORT DISTANCE NORTHEAST OF THE MILL WHERE A SERIES OF SHAFTS AND PITS WERE DUG, EXTENDING FOR ABOUT 137 M (450 FT) IN A DIRECTION N45DEGE. THERE ARE SEVERAL PITS LOCATED ABOUT 0.4 KM (0.25 MI) NORTHWEST, SAID TO HAVE BEEN OPENED ON A SMALLER VEIN THAT WAS VERY RICH.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
STRIKE OF OREBODY.... N 45 DEG E

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 13 M

COMMENTS(DESCRIP. OF WORKINGS):  
ONE SHAFT SUNK AND OPEN PITS DUG. IN 1974, SIX CAVED PITS, TRENCH CUT, AND COVERED DUMPS EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
HOST ROCK TYPES..... SCHIST (PROBABLY QUARTZ-SERICITE SCHIST), GRAVEL

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 7, 271 P.
- 4) GOOD, R.S., FORDHAM, O.M., JR., AND HALLADAY, C.R., 1977, GEOCHEMICAL RECONNAISSANCE FOR GOLD IN THE CALEDONIA AND PENDLETON QUADRANGLES IN THE PIEDMONT OF CENTRAL VIRGINIA: VIRGINIA MINERALS, V. 23, NO. 2, P. 13-22.

GROOM PROPERTY (See Busby Mine)

HODGE'S MINE (See Fleming Mine)

JOHNSON, DAVID, PROSPECT

RECORD IDENTIFICATION  
RECORD NO..... W030605  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED.....  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... JOHNSON, DAVID, PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-49-24N 078-05-10W

UTM NORTHING UTM EASTING UTM ZONE NO  
4190000. 756490. +17

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.15 MI (1.85 KM) EAST OF CALEDONIA.

LOCATION COMMENTS: ALONG RANSOME CREEK (LUCK BRANCH), 0.2 MI (0.3 KM) OFF SW SIDE OF FOREST ROAD 2956 ABOUT 0.8 MI (1.3 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... IRMA REID ROSE

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL PLACER GOLD PROSPECT PRIOR TO 1869  
2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

COMMENTS(DESCRIPTION OF DEPOSIT):  
CREDNER (1869) SUPPOSES THE WALLER VEIN TRAVERSES THIS PROPERTY{ A SUPERFICIAL DEPRESSION OF THESE GROUNDS BEARS ALLUVIAL GOLD DEPOSITS FOR AN EXTENT OF TWO MILES. HE DOES REPORT AURIFEROUS QUARTZ VEINS ON THE PROPERTY AS WELL.

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, SEVERAL SOIL COVERED PILES EVIDENT.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
HOST ROCK TYPES..... SCHIST (?), GRAVEL

PERTINENT MINERALOGY..... QUARTZ (?)

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOODCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MIN., VOL. VII, P. 27.

KENT MINE

RECORD IDENTIFICATION  
 RECORD NO. W030606  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ZER (D.C. LEVAN), ROBERT E. MEINT  
 DATE 06 79  
 UPDATED 10 81  
 BY LE, DAVID, C. TRIMB

NAME AND LOCATION  
 DEPOSIT NAME KENT MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY GOODCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-21N 078-07-04W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4187970. 753750. +17

ALTITUDE.. 410 FT (125 M), 360 FT (110 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.2 MI (2.0 KM) SW OF CALEDONIA

LOCATION COMMENTS: 0.1 MI (0.2 KM) OFF EAST SIDE OF FOREST ROAD 2957 ABOUT 0.65 MI (1.05 KM) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 605. PLACER SITE AT UTM N 4187600., E 754360 (ZONE +17)

COMMODITY INFORMATION

COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY A  
 PRESENT/LAST OWNER GENERAL COMMONWEALTH CORP.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 DIREXPL PLACER OPERATION AND SUPERFICIAL VEIN EXPLORATION  
 2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR, LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ONLY LIMITED EXPLORATION OF VEIN CONDUCTED

DESCRIPTION OF WORKINGS

SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SIX CAVED PITS AND COVERED DUMPS EVIDENT.

PRODUCTION

YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ORD-QUAT  
 HOST ROCK TYPES SCHIST, GRAVEL  
 PERTINENT MINERALOGY IRON-STAINED QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

COMMENTS (GEOLOGY AND MINERALOGY):

SCHIST SIMILAR TO THAT AT YOUNG AMERICAN MINE, NE-SW TREND

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 4) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOODCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

LAURY MINE

RECORD IDENTIFICATION  
 RECORD NO. W030607  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME IEU (D.C. LEVAN), HARVEY R. BEAUL  
 DATE 06 79  
 UPDATED 01 82  
 BY LE, DAVID, C. TRIMB

NAME AND LOCATION  
 DEPOSIT NAME LAURY MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY GOODCHLAND  
 DRAINAGE AREA 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-41N 078-05-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4188670. 756130. +17

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.8 KM (1.1 MI) SE OF CALEDONIA, VA

LOCATION COMMENTS: ALONG COLE CREEK, 0.8 KM (0.5 MI) OFF NE SIDE OF STATE ROAD 610 FROM A POINT ABOUT 0.6 KM (0.4 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 651.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY POST-CIVIL WAR  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION. 1885 (?)  
 PRESENT/LAST OWNER K. BLAKEY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1885 DIREXPL PLACER MINE  
 2) 1974 RECON VA. DIV. MIN. RES.: LOCATED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER, VEIN  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 CREDNER (1869) REPORTED THREE DISTINCT QUARTZ VEINS, ONE OF WHICH HAD BEEN OPENED BY A SHALLOW SHAFT ON A SPOT WHERE THE VEIN IS 3.7 M (12 FT) WIDE, BUT POOR IN GOLD.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, SEVERAL SHALLOW PITTS EVIDENT. CREDNER REPORTED A SHALLOW SHAFT  
HAD BEEN SUNK IN 1869.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT-ORD  
HOST ROCK TYPES..... GRAVEL, SCHIST  
PERTINENT MINERALOGY..... QUARTZ  
IMPORTANT ORE CONTROL/LOCUS.. QUARTZ VEINS, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

MINE LOCATED ON LAND UNDERLAIN BY ARVONIA FORMATION.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 406.

MARKS, LANCELOT MINE

RECORD IDENTIFICATION  
RECORD NO..... W030608  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 82  
01  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... MARKS, LANCELOT, MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-48-41N 078-05-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
4188670. 756130. +17

ALTITUDE.. 330 FT (101 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.1 MI (1.8 KM) SE OF CALEDONIA.

LOCATION COMMENTS: JUST NORTH OF COLE CREEK, 0.5 MI (0.8 KM) OFF NE SIDE OF STATE ROAD 610 ABOUT 0.4 MI (0.6 KM) BY ROAD NW OF JUNCTION WITH STATE ROAD 651

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1830

NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1830  
PRESENT/LAST OWNER..... K. BLAKE  
PRESENT/LAST OPERATOR.... LANCELOT MARKS

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1830 DIREXPL MR. WOODFORK, PLACER MINED  
2) 1974 RECON VA. DIV. MIN. RES., LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:

OPERATORS BETWEEN WOODFORK AND MARKS INCLUDE: MR. COWARD, GEORGE FISHER, AND MINOR WEBB. THE PROPERTY WAS THOROUGHLY PROSPECTED BY GEORGE FISHER. HIS DISCOVERIES INCLUDED: (1) A VEIN OF EXCELLENT MAGNETIC IRON ORE, RICH IN MANGANESE, 0.6 M (2 FT) THICK, IN STRATIFIED GNEISS  
(2) A VEIN OF AURIFEROUS QUARTZ OF EXCELLENT QUANTITY, 0.8 TO 1.0 M (2.5 TO 3 FT) THICK, OPENED BY PROSPECTING SHAFTS IN 1850  
(3) A VEIN OF FERRUGINOUS QUARTZ, WITH VISIBLE GOLD, FROM SIX TO EIGHTEEN INCHES THICK, OPENED BY A SHAFT 6.7 M (22 FT) DEEP, IN SINKING WHICH THREE SMALLER BUT EQUALLY RICH QUARTZ VEINS WERE CROSSED  
(4) TWO FERRUGINOUS QUARTZ VEINS FROM 0.3 TO 1.8 M (1 TO 6 FT) THICK AND (5) A SECOND VEIN OF MAGNETIC OXIDE OF IRON IN THE EASTERN PART OF THE PROPERTY{

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, SEVERAL WATER-FILLED PITTS, AND NUMEROUS SMALL, COVERED DUMP PILES WERE EVIDENT. SEVERAL SHAFTS WERE REPORTED SUNK IN 1850 AND AN ADDITIONAL SHAFT REACHED A DEPTH OF 6.7 M (22 FT){

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT-ORD  
HOST ROCK TYPES..... GRAVEL, SCHIST, GNEISS

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. VEINS, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

MINE AREA UNDERLAIN BY ARVONIA FORMATION.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) HARPER'S MAGAZINE, 1865, THE NATURAL WEALTH OF VIRGINIA: NEW YORK, V. 32, NO. 187, P. 32-42.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 27.

MASSACHUSETTS MINE

RECORD IDENTIFICATION  
RECORD NO..... W030609  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MASSACHUSETTS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND (?)  
DRAINAGE AREA..... 02 JAMES RIVER (?)  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA. (?)

LATITUDE LONGITUDE  
37-51- N 078-06- W

UTM NORTHING UTM EASTING UTMZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: EXACT LOCATION UNKNOWN

LOCATION COMMENTS: REPORTEDLY WITHIN 0.5 MI (0.8 KM) OF THE TELLURIUM MINE: MAY BE IN FLUVANNA CO.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... POST-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. POST-CIVIL WAR  
PRESENT/LAST OPERATOR.... TELLURIUM GOLD MINING CO.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 DIREXPL TELLURIUM GOLD MINING CO., SUNK SHAFT  
2) 1974 RECON VA. DIV. MIN. RES.; UNABLE TO LOCATE.

EXPLOR. AND DEVELOP. COMMENTS:  
MINE WAS OPERATED BY THE TELLURIUM GOLD MINING CO. AT AN UNKNOWN TIME. HOWEVER, THIS COMPANY OPERATED THE TELLURIUM MINE A HALF MILE AWAY FROM 1935 TO 1937, SO IT IS PROBABLE THE MASSACHUSETTS MINE WAS OPERATED AT OR ABOUT THE SAME TIME. DEVELOPMENT CONSISTED OF ONE SHAFT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

DEPTH OF WORKINGS BELOW SURFACE. 20 M  
COMMENTS(DESCRIP. OF WORKINGS):  
SHAFT SUNK BY TELLURIUM GOLD MINING CO. WAS 20 M (65 FT) DEEP.

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... SCHIST (?)  
PERTINENT MINERALOGY..... QUARTZ  
GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... Piedmont

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) THE FREE LANCE, 1887, A TRIP THROUGH THE GOLD BELT OF VIRGINIA: FREDERICKSBURG, VA., V. 3, NO. 96.
- 3) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PART 4: ROCKS AND MINERALS, V. 47, NO. 10, P. 587-596.

MORGAN MINE

RECORD IDENTIFICATION  
RECORD NO..... W030610  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.G. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MORGAN MINE  
SYNONYM NAME..... ROBERT HUGHES MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-49-04N 078-05-34W

UTM NORTHING UTM EASTING UTM ZONE NO  
4189370. 755920. +17

ALTITUDE.. 425 FT (130 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.8 MI (1.3 KM) EAST OF CALEDONIA

LOCATION COMMENTS: 0.65 MI (1.05 KM) OFF NE SIDE OF STATE ROAD 610 ABOUT 0.4 MI (0.6 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
PRESENT/LAST OWNER..... J.C. TYLER

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 DIREXPL PLACER AND VEIN MINING PRIOR TO 1861  
2) 1974 RECON VA. DIV. OF MIN. RES., LOCATED MINE

EXPLOR. AND DEVELOP. COMMENTS:  
PLACER GRAVELS WERE MINED FIRST AND LATER SOME VEIN MINING WAS DONE. TWO VEINS WERE WORKED BEFORE THE CIVIL WAR. ORE WAS HAULED TO THE BELZORO MILL AND IS SAID TO HAVE YIELDED 70 PENNYWEIGHTS OF GOLD PER DAY, OR ABOUT 3,000 IN EIGHT MONTHS. LATER A 10-STAMP MILL WAS BUILT BUT THE SIZE OF THE TAILINGS PILE INDICATES THAT LITTLE ORE WAS MILLED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR, LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 1.2 M  
COMMENTS(DESCRIPTION OF DEPOSIT):

TWO VEINS WERE WORKED  
THE MAIN VEIN WAS 1.2 M (4 FT) WIDE AND A SMALLER PARALLEL VEIN IN THE HANGING WALL.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, CAVED SHAFT, CAVED PITS AND TRENCHES, AND DUMPS EVIDENT. SEVERAL SHAFTS WERE SUNK DURING OPERATIONS ON THE VEINS BUT WERE ALREADY FILLED IN WHEN CREONER VISITED THE PROPERTY IN 1865.

PRODUCTION

YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. TABER (1913)

PRODUCTION COMMENTS.... BEFORE CIVIL WAR IN ONE EIGHT MONTH PERIOD \$3000 WORTH OF GOLD PRODUCED; A YIELD OF 110 G (3.5 OZ T.) PER DAY.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
HOST ROCK TYPES..... SCHIST, GRAVEL  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... Piedmont

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL COMMENTS

LOCATED JUST WEST OF YOUNG AMERICAN MINE PROPERTY.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 4) CREONER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 27.



**MOSS MINE**

**RECORD IDENTIFICATION**  
 RECORD NO. .... W030611  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

**REPORTER**  
 NAME ..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

**NAME AND LOCATION**  
 DEPOSIT NAME..... MOSS MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.  
 LATITUDE LONGITUDE  
 37-50- N 078-05- W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4192720. 756450. +17  
 ALTITUDE.. 440 FT (134 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.5 MI (2.4 KM) SW OF TABSCOTT

**LOCATION COMMENTS:** 0.2 MI (0.3 KM) OFF SE SIDE OF STATE ROAD 605, 0.85 MI (1.37 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 681

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT..... AU ZN PB V CU PYR TE

**PRODUCER(PAST OR PRESENT):**  
 MAJOR PRODUCTS.. AU

**OCCURRENCE(S) OR POTENTIAL PRODUCT(S):**  
 POTENTIAL.....  
 OCCURRENCE..... ZN PB V CU PYR TE CU PYR TE

**ORE MATERIALS (MINERALS, ROCKS, ETC.):**  
 NATIVE GOLD, GALENA, SPHALERITE, VANADINITE, CHALCOPYRITE, COVELLITE, PYRITE, PYROMORPHITE, TETRADYMIT, MARCASITE

**MAIN ORE MINERALS:**  
 NATIVE GOLD

**MINOR ORE MINERALS:**  
 GALENA, SPHALERITE, VANADINITE, CHALCOPYRITE, COVELLITE PYRITE, PYROMORPHITE, TETRADYMIT, MARCASITE

**COMMODITY COMMENTS:**  
 VANADINITE OCCURRENCE.

**ANALYTICAL DATA(GENERAL)**  
 IN 1835 SAMPLES FROM TWO SHAFTS WERE ASSAYED AT \$105 PER TON. IN 1904 THE ORE ASSAYED \$15 PER TON FROM THE NUMBER 1 SHAFT. ORE FROM THE SECOND SHAFT AVERAGED \$150 PER TON. THE TAILINGS INDICATED AN AVERAGE OF \$2 PER TON.

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1835  
 BY WHOM..... JOHN MOSS  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1836  
 PRESENT/LAST OWNER..... GENERAL COMMONWEALTH CORP.  
 PRESENT/LAST OPERATOR.... MOSS MINING CO.

**WORK DONE BY OTHER ORGANIZATIONS**  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1836 DIREXPL RICHMOND MINING CO., FIRST OPERATOR (TO 1838)  
 2) 1902 DIREXPL TELLURIC GOLD MINING CO., IMPROVED SITE (TO 1904)  
 3) 1936 DIREXPL MOSS MINING CO., IMPROVED SITE

**REPORTS AVAILABLE:**  
 SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, VOL. 17, NO. 3, P. 25-33. WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO. P. 549-567.

**EXPLOR. AND DEVELOP. COMMENTS:**  
 DEPOSIT WAS DISCOVERED BY JOHN MOSS IN 1835. THE RICHMOND MINING CO. OPERATED THE MINE FROM 1836 TO 1838. IT WAS REOPENED IN 1891 BY G.H. MANNING WHO SANK THE MANNING SHAFT. A 3-STAMP MILL WAS ERRECTED TO AID IN TESTING THE ORE. IN 1893 THE MINE WAS LEASED BY A MR. STEVENS, WHO SANK THE OLD STEVENS SHAFT. FROM 1902 TO 1904 THE TELLURIC GOLD MINING CO. OPERATED THE MINE, ADDING ANOTHER BATTERY OF 3 STAMPS TO THE MILL. IN 1931 J.C. WILLIAMS, SR., AND OTHERS, OPERATED THE MINE AND ERRECTED A 3-STAMP MILL FOR TESTING THE ORE. WORK LASTED UNTIL 1933 WHEN LACK OF CAPITAL FORCED CLOSURE. THE MOSS MINING CO. OPERATED THE MINE IN 1936, ERRECTING A MILL THAT UTILIZED A JAW CRUSHER, BALL MILL, CLASSIFIER, DENVER MINERAL JIG, CORDUROY BLANKETS, FLOTATION UNIT, CONCENTRATE TANK, AMALGAM DRUM, AND AMALGAMATING PLATES. THE MINE HAS NOT BEEN OPERATED SINCE 1936. NO AVAILABLE ORE EXISTS ABOVE 46 M LEVEL BETWEEN NOS. 1 AND 2 SHAFTS EXCEPT IN PILLARS AND BENCHES.

**DESCRIPTION OF DEPOSIT**  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

**SIZE/DIRECTIONAL DATA**  
 SIZE OF DEPOSIT..... SMALL  
 DEPTH TO TOP ..... 0 M  
 MAX WIDTH..... 0.8 M  
 STRIKE OF OREBODY.... N 60 DEG E  
 DIP OF OREBODY..... 45 DEG SE

**DESCRIPTION OF WORKINGS**  
 DEPTH OF WORKINGS BELOW SURFACE. 70 M  
 LENGTH OF WORKINGS..... 130 M

**COMMENTS(DESCRIP. OF WORKINGS):**  
 IN 1974, TEN CAVED PITS, COVERED DUMPS, OLD BUILDING CONTAINING AN OLD JIG AND CONCRETE FOUNDATIONS SEEN. FROM 1836 TO 1838 THE MINE WAS DEVELOPED BY TWO INCLINED SHAFTS, 9.5 AND 15 M (31 AND 50 FT) DEEP, CONNECTED AT THE 9-M (30-FT) LEVEL BY A DRIFT 21 M (70 FT) LONG. IN 1891 THE MANNING SHAFT, OR NO. 1 SHAFT, WAS SUNK TO A DEPTH OF 14.6 M (48 FT){ IN 1893 THE SHAFT WAS FURTHER DEEPENED TO 22 M (72 FT), AND THE OLD STEVENS SHAFT WAS SUNK ABOUT 21 M (70 FT) SOUTHWEST OF NO. 1 AND THE TWO SHAFTS WERE CONNECTED BY A DRIFT ON THE 22-M LEVEL. FROM 1902 TO 1904 THE NO. 1 SHAFT WAS DEEPENED TO 36 M (118 FT){ AT THE 19-M LEVEL A SET OF 3 DRIFTS, ONE DIRECTLY OVER THE OTHER, IN LIEU OF STOPING, WAS RUN FOR A TOTAL DISTANCE OF 87 M (285 FT) ALONG THE VEIN. A SECOND OLD SHAFT, WHICH MAY HAVE BEEN THE OLD STEVENS SHAFT, WAS SUNS TO 40 M ON THE INCLINE, AND DRIFTS WERE RUN 18 M (60 FT) IN EACH DIRECTION ON THE VEIN AT A DEPTH OF 33.5 M (110 FT){ THE LAST 6 M (20 FT) OF EACH DRIFT WAS STOPED TO A HEIGHT OF 6 M (20 FT) ABOVE THE FLOOR OF THE DRIFT. IN 1931 A DRAINAGE SHAFT 21 M (70 FT) IN BACK OF THE VEIN WAS SUNK ON A 45 DEG INCLINE TO A DEPTH OF 40 M (132 FT) SOLELY FOR DRAINING THE UPPER PORTIONS OF THE OLD WORKINGS TO PERMIT THEIR RETIMBERING. THE NO. 1 SHAFT WAS RECONDITIONED AND SUNK TO A DEPTH OF 46 M (150 FT) ON THE INCLINE. AT THE 46-M LEVEL DRIFTS WERE RUN 32 M (105 FT) NORTHEAST AND 53 M (173 FT) SOUTHWEST. NO. 2 SHAFT, 63 M (208 FT) SOUTHWEST OF NO. 1 AT THE SURFACE ALONG THE STRIKE OF THE VEIN, WAS SUNS TO A DEPTH OF 32 M (106 FT) ON THE INCLINE. DURING 1936, NO. 2 SHAFT WAS SUNS TO A DEPTH OF 70 M (228 FT) ON THE INCLINE. PASSING THROUGH SEVERAL OLD DRIFTS( IN NO. 2 SHAFT DRIFTS WERE RUN AT THE 27-M (90-FT) LEVEL 21 M (69 FT) NORTHEAST AND 17 M (55 FT) SOUTHWEST. AT THE 38-M (125-FT) LEVEL A DRIFT WAS RUN 6 M (20 FT) NORTHEAST. AT THE 70-M LEVEL DRIFTS WERE EXTENDED ABOUT 4.6 M (15 FT) IN EACH DIRECTION.

**PRODUCTION**  
 YES  
 SMALL PRODUCTION

**ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE AU	SML			1891 AU	
2 ORE AU	SML			1893 AU	(\$10,000 WORTH)
3 ORE AU	SML			1931 AU	(\$906.30 VALUE, ALSO PART OF 1932)
4 ORE AU	ACC	0000.172 TONS		1936 AU	(\$19.62 PER TON)

**CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE AU	SML			1836-1838	AU
16 ORE AU	SML			1891, 1893	AU
17 ORE AU	SML			1931-1932	AU
18 ORE AU	SML			1936	AU

**SOURCE OF INFORMATION (PRODUCTION):** BROWN (1937); SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, NO. 3, P. 27-28

**GEOLOGY AND MINERALOGY**  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GARNETIFEROUS QUARTZ-SERICITE SCHIST, HORNBLENDE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, SERICITE, FELDSPAR, TOURMALINE, MARCASITE (SECONDARY), GARNET

**GEOLOGY (SUPPLEMENTARY INFORMATION)**  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

**SIGNIFICANT LOCAL STRUCTURES:**  
 FAULTING (ONE FAULT SHOWS 1M VERTICAL DISPLACEMENT)

**COMMENTS (GEOLOGY AND MINERALOGY):**  
 COPPER SULFIDES BECOME MORE ABUNDANT ON 69.5 M LEVEL.

- GENERAL REFERENCES**
- 1) PARDEE, J.T. AND PARK, C.F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 213, 152 P.
  - 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
  - 3) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
  - 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
  - 5) HAMMETT, A.B.J. 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## OMOHUNDRO PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. .... W030612  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... OMOHUNDRO PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... GOOCHLAND  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.  
 LATITUDE LONGITUDE  
 37-49-34N 078-05-19W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4190320. 756260. +17  
 ALTITUDE.. 390 FT (119 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.05 MI (1.69 KM) NE OF CALEDONIA.  
 LOCATION COMMENTS: 0.15 MI (0.24 KM) OFF SW SIDE OF FOREST ROAD 2956 ABOUT 0.85 MI (1.37 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 MAIN COMMOD. .... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)  
 COMMODITY COMMENTS:  
 NO REPORT OF PRODUCTION OR MINERALIZATION  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... IRMA REID ROSE  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PIT DUG  
 2) 1974 RECON VA. DIV. MIN. RES., MINE LOCATED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL

## DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT AND DUMPS EVIDENT.

## PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS.... PROBABLY NO PRODUCTION.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... ORG  
 HOST ROCK TYPES ..... SCHIST (?)  
 PERTINENT MINERALOGY ..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORG

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

## PAYNE TRACT MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030613  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE ..... 79  
 06  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... PAYNE TRACT MINE  
 SYNONYM NAME ..... CASWELL'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... GOOCHLAND  
 DRAINAGE AREA ..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-22N 078-04-19W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4193690. 757620. +17

ALTITUDE.. 430 FT (131 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.55 MI (0.88 KM) SW OF TABSCOTT.

LOCATION COMMENTS: 0.05 MI (0.08 KM) OFF THE SE SIDE OF STATE ROAD 605 ABOUT 0.15 MI (0.24 KM) BY ROAD NE OF JUNCTION WITH STATE ROAD 681.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION... PRE-CIVIL WAR  
 PRESENT/LAST OWNER ..... T.E. PAYNE

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL MINED AND MILL ERECTED PRIOR TO CIVIL WAR  
 2) 1911 DIREXPL ATTEMPT MADE TO REOPEN A SHAFT  
 3) 1933 DIREXPL TRENCHING WORK STARTED; DISCLOSED VEIN

## EXPLOR. AND DEVELOP. COMMENTS:

IN 1974, VA. DIV. MIN. RES CONDUCTED RECONNAISSANCE OF SITE. NO REPORTS OF PRODUCTION EXIST. A LARGE PILE OF MILL TAILINGS A SHORT DISTANCE BELOW THE OPENINGS INDICATES THE SITE OF THE OLD MILL OF WHICH NO OTHER TRACE REMAINS. THE MILL THAT CREEDNER (1868-69) FOUND IN RUINS WHEN HE VISITED THE BUSBY MINE WAS PROBABLY LOCATED AT THIS POINT. MINE ADJOINS THE BUSBY MINE AND WAS FORMERLY A PART OF THAT PROPERTY.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, A CAVED SHAFT, SEVEN CAVED PITS, AND DUMPS EVIDENT. THERE WERE A NUMBER OF OLD SURFACE CUTS AND CAVED SHAFTS DUG DURING THE MINING OPERATIONS. THE WORKINGS EXTEND IN A LINE RUNNING ABOUT N58DEGE.

## PRODUCTION

YES  
 SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST (?)  
 PERTINENT MINERALOGY..... IRON-STAINED QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PT 4: ROCKS AND MINERALS, V. 47, NO. 10, P. 587-596
- 4) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

PROSPECT (A) (GOOCHLAND COUNTY)

RECORD IDENTIFICATION  
 RECORD NO..... W030614  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION

DEPOSIT NAME..... PROSPECT (A) (GOOCHLAND CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-10N 078-05-01W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4193280. 756590. +17

ALTITUDE.. 495 FT (151 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.2 MI (1.9 KM) SW OF TABSCOTT.

LOCATION COMMENTS: ON NW SIDE OF STATE ROAD 605 ABOUT 0.55 MI (0.88 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 681.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... LOUIS L. PAYNE

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL PIT AND TRENCH CUT.
  - 2) 1974 RECON VA. DIV. MIN. RES., LOCATED PROSPECT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, PIT AND TRENCH EVIDENT.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL COMMENTS

BUSBY MINE 0.3 MI (0.5 KM) ESE OF PROSPECT (A). THIS UNNAMED PROSPECT MAY REPRESENT A MINE REFERENCED IN LITERATURE BUT NOT LOCATED; "PROSPECT (A)" IS THE DESIGNATION APPLIED BY SWEET (1980).

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

PROSPECT (B) (GOOCHLAND COUNTY)

RECORD IDENTIFICATION  
 RECORD NO..... W030615  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION

DEPOSIT NAME..... PROSPECT (B) (GOOCHLAND CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-04N 078-05-14W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4193100. 756280. +17

ALTITUDE.. 490 FT (149 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.4 MI (2.3 KM) SW OF TABSCOTT.

LOCATION COMMENTS: ON NW SIDE OF STATE ROAD 605, 0.75 MI (1.21 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 681.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... OSCAR L. PROFFITT

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL PITS DUG.
  - 2) 1974 RECON VA. DIV. MIN. RES. PROSPECT LOCATED.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, FIFTEEN WATER-FILLED AND CAVED PITS AND DUMPS EVIDENT.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST, METAQUARTZITE  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION

GENERAL COMMENTS

MOSS MINE 0.3 MI (0.4 KM) SE OF PROSPECT (B). THIS UNNAMED PROSPECT MAY REPRESENT A MINE REFERENCED IN LITERATURE, BUT NOT LOCATED; "PROSPECT (B)" IS DESIGNATION APPLIED BY SWEET (1980).

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

PROSPECT (C) (GOOCHLAND COUNTY)

RECORD IDENTIFICATION

RECORD NO..... W030616  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06

NAME AND LOCATION

DEPOSIT NAME..... PROSPECT (C) (GOOCHLAND CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-50-38N 078-05-48W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4192250. 755480. +17

ALTITUDE.. 455 FT (139 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.65 MI (2.66 KM) NE OF CALEDONIA.

LOCATION COMMENTS: 0.05 MI (0.08 KM) OFF WEST SIDE OF STATE ROAD 605 ABOUT 0.5 MI (0.8 KM) BY ROAD NNE OF JUNCTION WITH FOREST ROAD 2956.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... A.S. BLOOM

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL PIT DUG.
  - 2) 1974 RECON VA. DIV. MIN. RES., LOCATED PROSPECT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS

SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT AND RIM DUMP EVIDENT.

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL COMMENTS

TELLURIUM MINE IS 0.3 MI (0.5 KM) TO THE SW. THIS UNNAMED PROSPECT MAY REPRESENT A MINE REFERENCED IN LITERATURE, BUT NOT LOCATED; "PROSPECT (C)" IS DESIGNATION APPLIED BY SWEET (1980).

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

PRYER TRACT (See Pryor Tract Mine)

PRYOR TRACT MINE

RECORD IDENTIFICATION

RECORD NO..... W030617  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... PRYOR TRACT MINE  
 SYNONYM NAME..... PRYER TRACT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-50-35N 078-04-36W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4192230. 757230. +17

ALTITUDE.. 390 FT (119 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.4 MI (2.3 KM) SSW OF TABSCOTT.

LOCATION COMMENTS: 0.45 MI (0.72 KM) OFF THE SW SIDE OF STATE ROAD 681 ABOUT 0.75 MI (1.21 KM) BY ROAD SW OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1835 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1835 (?)  
 PRESENT/LAST OWNER..... DURWOOD G. AND JAMES ASHBY PAYNE

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) DIREXPL PLACER MINING.
  - 2) 1912 DIREXPL SHAFTS SUNK, NOTHING FOUND.
  - 3) 1974 RECON VA. DIV. OF MIN RES.: LOCATED MINE.

EXPLOR. AND DEVELOP. COMMENTS:

TRACT DEVELOPED AS PLACER MINE SOON AFTER DISCOVERY OF GOLD IN DISTRICT. LATER, SEVERAL SHAFTS WERE SUNK.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER  
FORM/SHAPE OF DEPOSIT: IRREGULAR  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
SHAFTS SUNK IN EFFORT TO CONTACT WALLER VEIN. NO REPORTED SUCCESS.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, WATER-FILLED DEPRESSION AND QUARTZ DUMP PILES EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT  
HOST ROCK TYPES..... GRAVEL  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
THE LOCATION IS UNDERLAIN BY THE ARVONIA FORMATION.

GENERAL COMMENTS  
BUSBY MINE SITUATED UPSTREAM FROM THIS TRACT ABOUT 0.6 MI (0.9 KM).

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C. B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.

ROBERT HUGHES MINE (See Morgan Mine)

RUTH MINE

RECORD IDENTIFICATION  
RECORD NO..... W030618  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06

NAME AND LOCATION  
DEPOSIT NAME..... RUTH MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... GOOCHLAND  
DRAINAGE AREA..... O2 JAMES RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 COLUMBIA, VA.  
LATITUDE LONGITUDE  
37-46-45N 078-07-38W  
UTM NORTHING UTM EASTING UTM ZONE NO  
4185000. 753010. +17

ALTITUDE.. 205 FT (63 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.7 MI (4.4 KM) NE OF COLUMBIA.

LOCATION COMMENTS: ALONG AND ON BOTH SIDES OF A STREAM FLOWING SOUTHWARD AND NEAR ITS CONFLUENCE WITH BYRD CREEK, ABOUT 0.65 MI (1.05 KM) NORTH OF STATE ROAD 667 FROM A POINT ABOUT 0.35 MI (0.56 KM) BY ROAD WEST OF ITS CROSSING OVER BYRD CREEK.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1935 (?)  
BY WHOM..... POWHATAN MINING CO.  
NATURE OF DISCOVERY..... B  
YEAR OF FIRST PRODUCTION. 1935  
PRESENT/LAST OPERATOR.... POWHATAN MINING CO.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1935 DIREXPL POWHATAN MINING CO., MINED PLACER GOLD.  
2) 1974 RECON VA. DIV. MIN. RES.: LOCATED MINE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, CAVED AND WATER-FILLED PITS AND COVERED DUMP PILES.

PRODUCTION  
YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE,COMMOD.,CONC.,OVERBURD.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
1	AU	SML		1935	
2	AU	SML		1940	
3	AU	SML		1941	
4	AU	SML		1942	

CUMULATIVE PRODUCTION (ORE,COMMOD.,CONC.,OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
15	AU	SML		1935, 40-42	

SOURCE OF INFORMATION (PRODUCTION).. U.S. BUREAU OF MINES, 1936, 1941, 1942, 1943, MINERAL YEARBOOK, REVIEW OF YEARS: 1935, 1940, 1941, 1942

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT  
HOST ROCK TYPES..... GRAVEL  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):  
BEDROCK IS ARVONIA FORMATION.

GENERAL COMMENTS  
LOCATED JUST DOWNSTREAM FROM BERTHA AND EDITH MINE.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C. B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.

SHANNON HILL PROPERTY MINE

RECORD IDENTIFICATION  
RECORD NO..... W030619  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... SHANNON HILL PROPERTY MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
37-52-24N 078-02-35W

UTM NORTHING UTM EASTING UTM ZONE NO  
4195680. 760100. +17

ALTITUDE... 450 FT (137 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.45 MI (2.33 KM) NE OF TABSCOTT  
AND 0.55 MI (0.88 KM) SOUTH OF SHANNON HILL.

LOCATION COMMENTS: ALONG A BRANCH OF MILL CREEK 0.3 MI (0.5 KM) OFF SE SIDE  
OF STATE ROAD 605 ABOUT 1.35 MI (2.17 KM) BY ROAD NE OF JUNCTION WITH  
STATE ROAD 603.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

#### EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR

#### WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL PLACER MINING.  
2) 1865 DIREXPL PROSPECT PITS SUNK ON VEIN, NOT MINED.  
3) 1974 RECON VA. DIV. MIN. RES: LOCATED MINE.

#### EXPLOR. AND DEVELOP. COMMENTS:

PLACER MINING TOOK PLACE ON THIS PROPERTY BEFORE THE CIVIL WAR AND  
CONSIDERABLE GOLD IS SAID TO HAVE BEEN RECOVERED. FURTHER PROSPECTING WAS  
DONE IN 1865 BY SHALLOW PITS ON A QUARTZ VEIN, BUT LITTLE GOLD WAS FOUND.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR, LINEAR (?)

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 1 M  
STRIKE OF OREBODY..... NNE  
DIP OF OREBODY..... 40 DEG E

#### COMMENTS(DESCRIPTION OF DEPOSIT):

CREDNER (1869) REPORTED A QUARTZ VEIN HAD BEEN OPENED BY A PROSPECT PIT  
AND AT THE TIME OF HIS VISIT A SHAFT WAS BEING SUNK ON THE VEIN. THE  
PROSPECT PIT REVEALED THE CHIEF LODE WAS 0.3 TO 1 M (1 TO 3 FT) WIDE,  
AND TWO SMALLER VEINS PARALLEL TO THE FOOTWALL. THESE VEINS CONSISTED OF  
WHITE TRANSLUCENT TABULAR QUARTZ, WITH A GREAT DEAL OF EARTHY IRON OXIDE  
AND CONSIDERABLE GOLD. WASHING THE GOLD PLACERS ON THIS PROPERTY YIELDED  
ON THE AVERAGE \$8 PER DAY WHEN CREDNER VISITED.

#### DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, CAVED PIT AND COVERED DUMP EVIDENT. PREVIOUS WORKINGS INCLUDED  
PITS AND AT LEAST ONE SHAFT.

#### PRODUCTION

YES  
SMALL PRODUCTION

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD-QUAT  
HOST ROCK TYPES..... GARNETIFEROUS SCHIST, GRAVEL

PERTINENT MINERALOGY..... QUARTZ, GOETHITE

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONE

#### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

#### LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: ARVONIA FORMATION  
AGE: ORD  
3) NAME: HATCHER COMPLEX  
AGE: PAL

#### COMMENTS (GEOLOGY AND MINERALOGY):

CONTACT WITH HATCHER COMPLEX ABOUT 0.25 MI (0.4 KM) TO SE.

#### GENERAL COMMENTS

THIS IS MOST NE POINT IN COUNTY WHERE GOLD HAS BEEN FOUND.

#### GENERAL REFERENCES

1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
RESOURCES, PUBLICATION 19, 77 P.

- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF  
GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68  
P.  
3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN,  
VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.  
4) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA  
AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 406.

## THOMPSON, JOHN, MINE

RECORD IDENTIFICATION  
RECORD NO..... W030620  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
OG  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

#### NAME AND LOCATION

DEPOSIT NAME..... THOMPSON, JOHN, MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
37-49-09N 078-05-16W

UTM NORTHING UTM EASTING UTM ZONE NO  
4189530. 756340. +17

ALTITUDE... 420 FT (128 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.0 MILE (1.6 KM) EAST OF  
CALEDONIA.

LOCATION COMMENTS: ALONG A DRIVEWAY-WOODS ROAD, ABOUT 0.4 MI (0.6 KM) SOUTH  
OF CROSSING OF RANSOME CREEK (LUCK BRANCH).

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
PYRITE

#### EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
PRESENT/LAST OWNER..... R.T. AND W.R. RANKIN

#### WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL VEIN MINED PRIOR TO CIVIL WAR.  
2) 1974 RECON VA. DIV. MIN. RES., LOCATED MINE.

EXPLOR. AND DEVELOP. COMMENTS:  
MILL IN RUINS IN 1865.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR (?)

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 0.6 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
CONTINUATION OF BELZORO VEIN. THE VEIN IS 0.6 M (2 FT) WIDE AND CONSISTS  
OF FRIABLE QUARTZ, RICH IN IRON OXIDE AND FREE GOLD.

#### DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

#### COMMENTS(DESCRIP. OF WORKINGS):

CREDNER REPORTED VARIOUS PITS FROM 3 TO 6.1 M (10 TO 20 FT) DEEP HAD BEEN  
OPENED ON THE BELZORO VEIN. IN 1974, A CAVED SHAFT, 3 CAVED PITS, 2  
TRENCHES, AND DUMPS WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST (?)

PERTINENT MINERALOGY..... QUARTZ, IRON OXIDE

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 4) CREDBER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 27.

**TOLER PROPERTY MINE**

RECORD IDENTIFICATION

RECORD NO..... W030621  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMS  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... TOLER PROPERTY MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-48-43N 078-05-35W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4188720. 755900. +17

ALTITUDE.. 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.95 MI (1.53 KM) SE OF CALEDONIA.

LOCATION COMMENTS: ON SOUTH SIDE OF COLE CREEK, 0.4 MI (0.6 KM) OFF NE SIDE STATE ROAD 610 ABOUT 0.9 MI (1.5 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 609.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1869  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1869  
 PRESENT/LAST OWNER..... K. BLAKLEY

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL THREE QUARTZ VEINS DEVELOPED (PRIOR TO 1869).  
 2) 1974 RECON VA. DIV. MIN. RES.: LOCATED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 THREE QUARTZ VEINS WERE DEVELOPED BY A SHAFT AND SEVERAL PITS

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE , PLACER  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THREE QUARTZ VEINS WER DEVELOPED. THE FIRST, NEAREST THE ROAD, WAS OF GREAT THICKNESS, BUT INFERIOR QUALITY. A SECOND PARALLEL ONE, WHICH WAS WORKED BY THE 12.8 M SHAFT AND OPEN PITS, YIELDED VERY FAIR ORE. AND THE THIRD PARALLEL VEIN CARRIED QUARTZ FULL OF IRON OXIDE AND CONTAINED VISIBLE GOLD. IN ADDITION, THE RIDGE TOP AND SLOPES WERE COVERED WITH QUARTZ BOULDERS SHOWING FREE GOLD. AND ALONG THE CREEK GOLD PLACERS EXISTED WHICH WERE EXTENSIVELY AND SUCCESSFULLY WORKED.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 12.8 M  
 LENGTH OF WORKINGS..... 12.8 M

COMMENTS(DESCRIP. OF WORKINGS):  
 ONE SHAFT 12.8 M (42 FT) DEEP WAS SUNS AND SEVERAL PITS WERE DUG. IN 1974 A WATER-FILLED SHAFT AND PIT, AND COVERED DUMPS WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD -QUAT  
 HOST ROCK TYPES..... SCHIST, GRAVELS

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. VEINS, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: ARVONIA FORMATION  
 AGE: ORD  
 2) NAME: ALLUVIUM  
 AGE: QUAT

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 271 P.
- 4) CREDBER, H., 1868-69, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMERICAN JOURNAL OF MINING, VOL. 7, P. 42.

**WALLER MINE**

RECORD IDENTIFICATION

RECORD NO..... W030622  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 06  
 UPDATED..... 81  
 10  
 BY..... TRIMS  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... WALLER MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
 DRAINAGE AREA..... 02 JAMES RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CALEDONIA, VA.

LATITUDE LONGITUDE  
 37-51-28N 078-03-18W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4193910. 759090. +17

ALTITUDE.. 415 FT (127 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.55 MI (0.88 KM) ESE OF TABSCOTT.

LOCATION COMMENTS: 0.2 MI (0.3 KM) OFF NE SIDE OF STATE ROAD 603 ABOUT 0.5 MI (0.8 KM) BY ROAD SE OF JUNCTION WITH STATE ROAD 605.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU CU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... CU PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, AURIFEROUS PYRITE, CHALCOPYRITE, BORNITE

MAIN ORE MINERALS:  
NATIVE GOLD, AURIFEROUS PYRITE

MINOR ORE MINERALS:  
CHALCOPYRITE, BORNITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1831  
BY WHOM..... COLE & WOOLFORK (?) (PLACER GOLD)  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1831  
PRESENT/LAST OWNER..... F.R. WHITESEL  
PRESENT/LAST OPERATOR.... GOOCHLAND GOLD MINES HOLDING CORP.

WORK DONE BY USGS

YEAR WORK TYPE GEOLOGIST AND RESULTS  
1) 1948 RECON PARDEE, J.T. & PARK, C.F.; USGS PROF. PAPER 213.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1832 DIREXPL MESSRS. FISHER: OPENED VEINS.  
2) 1930 DIREXPL GOOCHLAND GOLD MINES HOLDING CORP.: PARTIALLY REDEVELOPED.  
3) 1974 RECON VA. DIV. MIN. RES.: SITE LOCATED.

EXPLOR. AND DEVELOP. COMMENTS:

COLE AND WOOLFORK DISCOVERED MINE IN 1831, DURING WHICH YEAR THEY CARRIED ON SURFACE WASHINGS FOR SEVERAL MONTHS. VEINS WERE DISCOVERED BY MOSS IN 1832, AND A VEIN 1.8 M (6 FT) THICK IS SAID TO HAVE BEEN OPENED BY THE FISHERS AND WORKED UNTIL THE LAND WAS PURCHASED BY WM. K. SMITH( LATER IT WAS SOLD TO RICHARDS WHO WORKED THE MINE 12 MONTHS AND THEN SOLD IT TO AN ENGLISH COMPANY. AFTER TWO YEARS, DURING WHICH IT IS SAID TO HAVE BEEN BADLY MANAGED, THE PROPERTY WAS DIVIDED AND SOLD IN TWO PARTS. SINCE THAT TIME ONLY THE WESTERN PART OF THE OLD ESTATE HAS BEEN KNOWN AS THE WALLER MINE. IN 1865, TURNER, HUGHES & CO. SANK A SHAFT AND DID SOME DEVELOPMENT WORK. IN 1876, THE PROPERTY WAS WORKED FOR 30 DAYS. IN 1910, A COMPANY SANK A SHAFT 22 M (72 FT) DEEP, AND DROVE CROSSCUTS NORTHWEST AT-14 AND 18 M (45 AND 60 FT) DEPTHS. IN THE LOWER CROSSCUT THE VEIN WAS FOUND, BUT A DRIFT STARTED SOUTHEAST SOON RAN INTO OLD WORKINGS. IN 1911 ANOTHER IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TEND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: HATCHER COMPLEX  
AGE: PAL

SIGNIFICANT LOCAL STRUCTURES:  
FRACTURING STRIKING N 50 DEG E AND DIPPING 65 DEG NW SEEN IN CDHN WORKINGS.

COMMENTS (GEOLOGY AND MINERALOGY):  
MINE IS PROBABLY VERY NEAR THE ARVONIA-HATCHER CONTACT AND THE ROCK PROBABLY REPRESENTS A MIGMATITE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937, OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 48, 68 P.
- 3) TABER, S., 1913, GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 4) CREEDON, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 406.
- 5) HAMMETT, A.B.J., 1966, THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

YOUNG AMERICAN MINE

RECORD IDENTIFICATION

RECORD NO..... W030623  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... YOUNG AMERICAN MINE  
SYNONYM NAME..... GILMER MINE, GILMORE MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... GOOCHLAND  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CALEDONIA, VA

LATITUDE LONGITUDE  
37-49-24N 078-05-20W

UTM NORTHING UTM EASTING UTM ZONE NO  
4190010. 756240. +17

ALTITUDE.. 390 FT (119 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.0 MI (1.6 KM) EAST OF CALEDONIA.

LOCATION COMMENTS: 1.05 MI (1.69 KM) DOWN A DRIVEWAY OFF EAST SIDE OF STATE ROAD 605 ABOUT 0.6 MI (1.0 KM) BY ROAD NE OF JUNCTION WITH STATE ROAD 610. ADDITIONAL WORKINGS AT UTM N 4189900., E 756390 (ZONE +17).

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU CU AG PYR TE BI

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... CU AG PYR TE BI

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, AURIFEROUS PYRITE, CHALCOPYRITE, TETRADMITE, SYLVANITE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
AURIFEROUS PYRITE, CHALCOPYRITE, TETRADMITE, SYLVANITE

ANALYTICAL DATA(GENERAL)

THE SULPHUR VEIN CARRIED GOLD VALUES FROM A FEW CENTS TO \$24 PER TON, AVERAGING ABOUT \$5 PER TON. THE ORE FROM THE HOUSE VEIN AVERAGED \$5 TO \$10 PER TON.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1869  
BY WHOM..... MR. ALDRICH  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1869  
PRESENT/LAST OWNER..... IRMA REID ROSE  
PRESENT/LAST OPERATOR.... YOUNG AMERICAN CO.

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1869 DIREXPL MR. ALDRICH: MINOR MILLING OF ORE.  
2) 1909 DIREXPL YOUNG AMERICAN CO: EXPANDED DEVELOPMENTS.  
3) 1974 RECON VA. DIV. MIN. RES.: LOCATED SITE

EXPLOR. AND DEVELOP. COMMENTS:

MINE WAS DISCOVERED IN 1869 BY MR. ALDRICH, WHO BUILT A SMALL STAMP MILL AND SANK A SHAFT ON THE HOUSE VEIN. PLACER MINING WAS CARRIED OUT FROM 1871 TO 1874 ON RANSOME CREEK (LUCK BRANCH) INVOLVING SLUICE AND ROCKER WASHING. IN 1880 THE TAGUS GOLD MINING CO. BEGAN DEVELOPMENT WORK AND CONTINUED OPERATIONS FOR THREE YEARS. ABOUT 100 TONS OF ORE FOUND ON THE SURFACE WERE HAULED TO THE BELZORO MILL AND STAMPED, YIELDING \$5 PER TON. THE HOUSE VEIN WAS DEVELOPED AND STOPED DOWN TO WATER LEVEL FOR A DISTANCE OF APPROXIMATELY 183 M (600 FT) ALONG STRIKE, AND SOME SMALL LENSES OF QUARTZ, PARALLELING THE HOUSE VEIN ABOUT 31 M (100 FT) TO THE WEST, WERE EXPOSED BY AN ADIT AND MINED. THE SULPHUR VEIN, ABOUT 274 M (900 FT) WEST OF THE HOUSE VEIN, WAS EXPLORED. SEVERAL SMALL SHAFTS SUNK, AND MUCH OF THE VEIN ABOVE WATER LEVEL STOPED OUT. A 4-FOOT BRYAN MILL

WAS INSTALLED TO CRUSH THE ORE. FROM 1885 TO 1909 THE MINE PASSED THROUGH SEVERAL HANDS, AND WHILE SOME DEVELOPMENT ATTEMPTS WERE MADE, VERY LITTLE PRODUCTION OCCURRED. IN 1893 A CYANIDE PLANT WAS IN OPERATION. THE YOUNG AMERICAN CO. TOOK OVER OPERATIONS IN 1909, ERECTED A NEW BUILDING EQUIPPED WITH A CRUSHER, FEEDER, SLOW-SPEED LANE MILL, PLATES AND TWO CONCENTRATING TABLES. THIS MILL OPERATED UNTIL 1912, BUT ONLY 1500 TONS OF ORE WERE MILLED. DEVELOPMENT WORK WAS DONE CHIEFLY ON THE SULPHUR VEIN.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE, PLACER  
FORM/SHAPE OF DEPOSIT: LINEAR, LENS, IRREGULAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
DEPTH TO TOP..... 0 M  
MAX WIDTH..... 1.8 M  
STRIKE OF OREBODY.... N 30 DEG E  
DIP OF OREBODY..... 40 DEG SE

COMMENTS(DESCRIPTION OF DEPOSIT):

ABOVE DESCRIBES SULPHUR VEIN: HOUSE VEIN TO HAVE AVERAGED 1.5-1.8 M WIDE, STRIKES N 22 DEG E. BOTH VEINS DESCRIBED AS STRINGER LODES. DEVELOPMENT IN 1909 WAS ON SULPHUR VEIN. THE SULPHUR VEIN IS APPROXIMATELY 230 M (755 FT) WEST OF THE HOUSE VEIN.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 30 M  
LENGTH OF WORKINGS..... 152 M

COMMENTS(DESCRIP. OF WORKINGS):

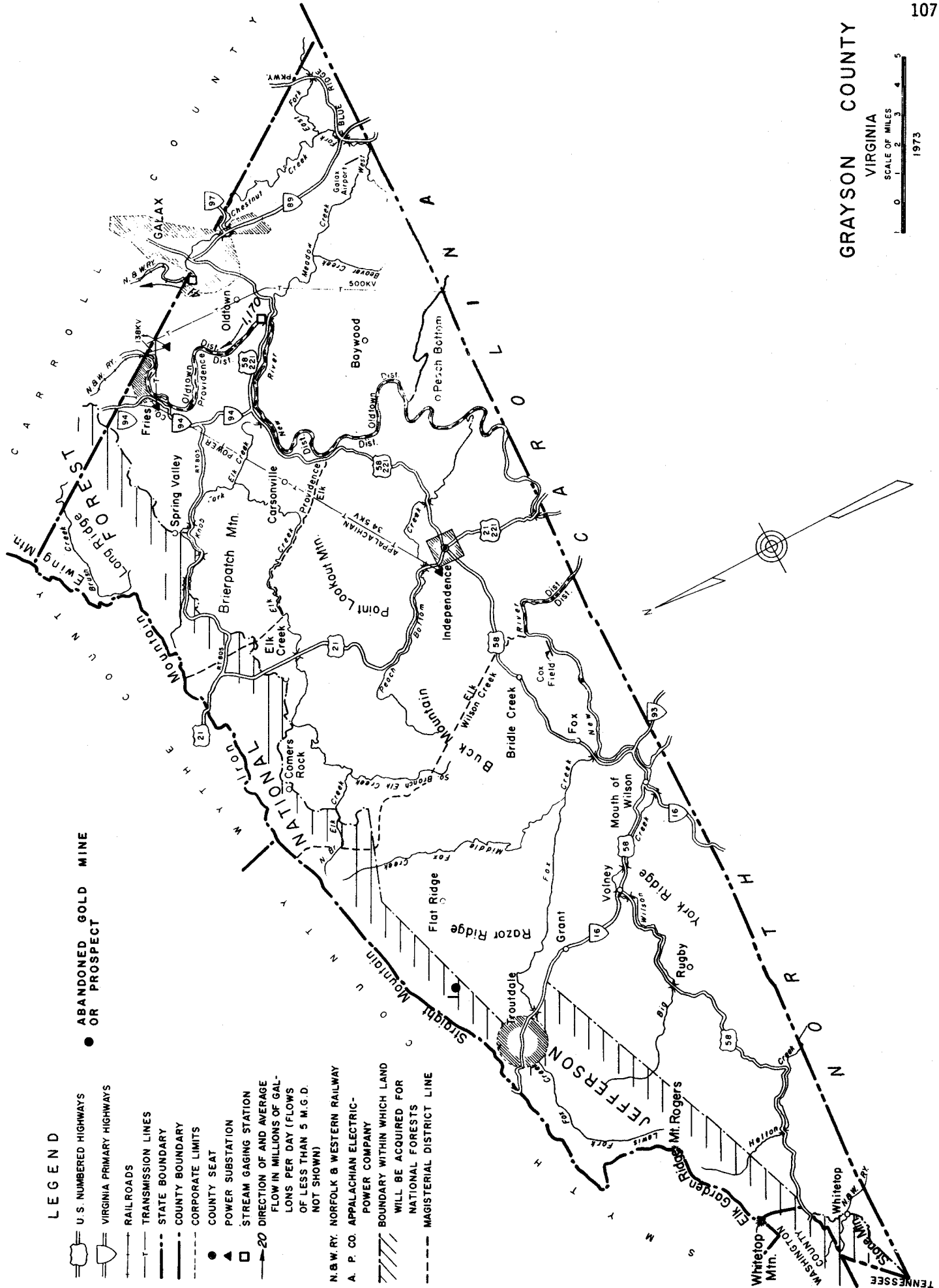
IN 1974, SIX WATER-FILLED AND CAVED SHAFTS, ABOUT TWENTY WATER-FILLED AND CAVED PITS AND TRENCH CUTS, CONCRETE FOUNDATIONS, AND DUMPS WERE EVIDENT. THE SULPHUR VEIN WAS DEVELOPED BY THE SULPHUR AND H. V. SHAFTS AND SEVERAL AIR SHAFTS. THE SULPHUR SHAFT WAS 24 M (80 FT) DEEP VERTICALLY AND THEN FOLLOWS THE VEIN ON AN INCLINE FOR AN ADDITIONAL 13 M (42 FT), MAKING THE TOTAL DEPTH BELOW THE SURFACE 30.5 M (100 FT){ THE H. V. SHAFT WAS 55 M (83 FT) DEEP, 104 M (340 FT) NORTHEAST OF THE SULPHUR SHAFT. BOTH SHAFTS HAD NUMEROUS DRIFTS FOLLOWING THE VEIN AND ITS STRINGERS, INCLUDING ONE DRIFT WHICH CONNECTS BOTH SHAFTS. MOST OF THE ORE ABOVE THIS DRIFT HAS BEEN STOPED OUT. THE HOUSE VEIN WAS DEVELOPED BY A NUMBER OF SHAFTS, TUNNELS, OPEN CUTS, AND PITS{



GRAYSON COUNTY  
VIRGINIA

SCALE OF MILES  
0 1 2 3 4 5

1973

















LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- N.W. RY. NORFOLK & WESTERN RAILWAY
- A. P. CO. APPALACHIAN ELECTRIC-POWER COMPANY
- BOUNDARY WITHIN WHICH LAND WILL BE ACQUIRED FOR NATIONAL FORESTS
- MAGISTERIAL DISTRICT LINE
- ABANDONED GOLD MINE OR PROSPECT

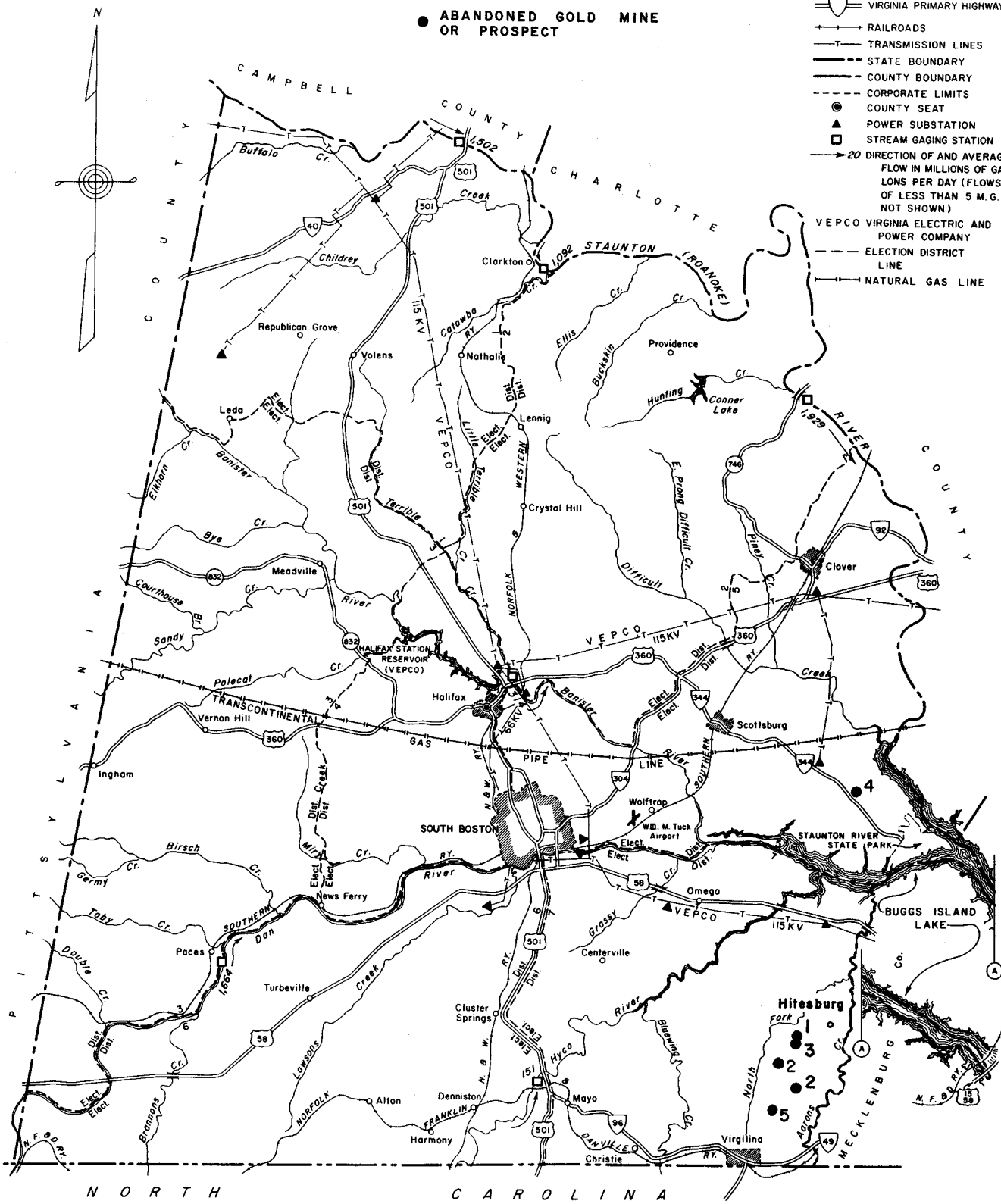
GRAYSON COUNTY

1. Walt Williams

LEGEND

-  U.S. NUMBERED HIGHWAYS
-  VIRGINIA PRIMARY HIGHWAYS
-  RAILROADS
-  TRANSMISSION LINES
-  STATE BOUNDARY
-  COUNTY BOUNDARY
-  CORPORATE LIMITS
-  COUNTY SEAT
-  POWER SUBSTATION
-  STREAM GAGING STATION
-  DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
-  VEPCO VIRGINIA ELECTRIC AND POWER COMPANY
-  ELECTION DISTRICT LINE
-  NATURAL GAS LINE

● ABANDONED GOLD MINE OR PROSPECT



HALIFAX COUNTY  
VIRGINIA

SCALE OF MILES



NORTH

CAROLINA

## HALIFAX COUNTY

1. Luce and Howard (Howard, Tallyhill)
2. Poole and Harris (Pool)
3. Red Bank (Goldbank)
4. Dryburg
5. Gill's Mountain

PRODUCTION  
YES  
SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC SML	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
15 AU	SML			1871-1874		PLACER AU
16 ORE AU	SML			1880-1883		AU
17 ORE AU	AVG	1.5 TONS		1910-1913		AU

SOURCE OF INFORMATION (PRODUCTION).. TABER (1913)

PRODUCTION COMMENTS... NO FIGURES EXIST FOR 19TH CENTURY WORK.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... HORNBLENDE-BIOTITE-CHLORITE-MAGNETITE  
GNEISS, QUARTZ-SERICITE-FELDSPAR GNEISS, QUARTZ-SERICITE-FELDSPAR SCHIST.

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ARVONIA FORMATION  
AGE: ORD

COMMENTS (GEOLOGY AND MINERALOGY):

IN DEPTH REPORT OF THE GEOLOGY/MINERALOGY MAY BE FOUND IN TABER (1913).

GENERAL REFERENCES

- 1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) BROWN, C.B., 1937. OUTLINE OF THE GEOLOGY AND MINERAL RESOURCES OF GOOCHLAND COUNTY, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 48, 68 P.
- 3) TABER, S., 1913. GEOLOGY OF THE GOLD BELT IN THE JAMES RIVER BASIN, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 7, 271 P.
- 4) HAMMETT, A.B.J., 1966. THE HISTORY OF GOLD: KERRVILLE, TEXAS, BRASWELL PRINTING CO., 107 P.

## GRAYSON COUNTY

### WALT WILLIAMS MINE

RECORD IDENTIFICATION  
RECORD NO..... W030510  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... WALT WILLIAMS MINE

MINING DISTRICT/AREA/SUBDIST. SOUTHERN SECTION-BLUE RIDGE PROVINCE

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... VA

STATE NAME: VIRGINIA

COUNTY..... GRAYSON  
DRAINAGE AREA..... 05 NEW RIVER  
PHYSIOGRAPHIC PROV..... 02 BLUE RIDGE  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 TROUT DALE, VA

LATITUDE LONGITUDE  
36-42-36N 081-25-27W

UTM NORTHING UTM EASTING UTM ZONE NO  
4062590. 462110. +17

ALTITUDE.. 3280 FT (1000 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.1 MI (1.8 KM) NE OF TROUT D/LE.

LOCATION COMMENTS: 0.4 MI (0.6 KM) OFF THE NORTH SIDE OF STATE ROAD 603 ABOUT 0.3 MI (0.5 KM) BY ROAD EAST OF ITS INTERSECTION WITH STATE ROAD 827. LAND LOCATED WITHIN PURCHASE BOUNDARY OF JEFFERSON NATIONAL FOREST.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... POST-CIVIL WAR (?)  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION.. 1875  
PRESENT/LAST OWNER..... WALT WILLIAMS

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1875 DIREXPL MINED GOLD.  
2) 1978 RECON VA. DIV. MIN. RES., LOCATED PROSPECT.

EXPLOR. AND DEVELOP. COMMENTS:

ACCORDING TO LOCAL RESIDENTS GOLD WAS MINED FROM THIS PROPERTY IN THE LATE 1800'S.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN (?)  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

IN 1978 THERE WAS A 12 FT (4 M) BY 8 FT (2 M) WATER FILLED SHAFT IN THE HILLSIDE ABOVE THE LEVEL OF THE STREAM.

PRODUCTION

YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... CAMB  
HOST ROCK TYPES..... QUARTZ-PEBBLE CONGLOMERATE  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. BLUE RIDGE ANTICLINORIUM, NE-SW TREND  
TECTONIC SETTING..... GEOSYNCLINE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: UNICOI FORMATION  
AGE: CAMB

SIGNIFICANT LOCAL STRUCTURES:

CONGLOMERATE STRIKES N-S AND DIPS 35 DEG. W.

COMMENTS (GEOLOGY AND MINERALOGY):

MINOR BLACK IRON-OXIDE STAIN IS PRESENT ON SILICA CEMENT; NO OTHER VISIBLE METALLIC MINERALIZATION. OTHER EXPOSURES OF CONGLOMERATE AND SANDSTONE ARE PRESENT IN AREA. THE CONGLOMERATE CONTAINS SOME EHDREDAL PIECES OF FELDSPAR.

GENERAL REFERENCES

- 1) SWEET, P.C., AND BELL, S.C., 1980. METALLIC MINERALIZATION IN THE BLUE RIDGE PROVINCE OF VIRGINIA, IN CONTRIBUTIONS TO VIRGINIA GEOLOGY-IV: VDMR PUB. 27, P. 39-52.

## HALIFAX COUNTY

### DRYBURG PROSPECT

RECORD IDENTIFICATION  
RECORD NO..... W031835  
RECORD TYPE..... X1M  
INFORMATION SOURCE... 135  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER

NAME..... TRIMB  
LE, DAVID, C. (SWEET, PALMER, C.)  
AFFILIATION..... VDMR  
DATE..... 82  
05

NAME AND LOCATION

DEPOSIT NAME..... DRYBURG PROSPECT

MINING DISTRICT/AREA/SUBDIST. VIRGINIA DISTRICT

COUNTRY CODE..... US

STATE CODE..... VA

COUNTY..... HALIFAX  
DRAINAGE AREA..... 03 ROANOKE RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE 1: 24000 QUAD NO OR NAME BUFFALO SPRINGS, VA. (1974)  
 LATITUDE 36-43-15N LONGITUDE 078-42-30W  
 UTM NORTHING 4066110 UTM EASTING 704705 UTM ZONE NO +17  
 ALTITUDE.. 131 M  
 ACCURACY OF LOCATION ACCURATE  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.8 KM (1.1 MI) SOUTHEAST OF DRYBURG.  
 LOCATION COMMENTS: ON BOTH SIDES OF STATE ROAD 344, 1.8 KM (1.1 MI) BY ROAD SOUTHEAST OF ITS INTERSECTION WITH STATE ROAD 716 AT DRYBURG.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 COMMODITY COMMENTS:  
 ASSAYS INDICATE 0.1 OZ AU/TON.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 9.1 M  
 STRIKE OF OREBODY..... NE-SW  
 DIP OF OREBODY..... STEEPLY SE  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 DEPOSIT IN A QUARTZ VEIN, WITH TWO OTHER VEINS, EN ECHELON, TO THE NORTH. DIMENSIONS REFER TO THE QUARTZ VEIN. IRON-OXIDE STAINING IS PRESENT ON THE QUARTZ.

DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 ONE PIT WAS SEEN IN 1982, IN THE SOUTHWEST END OF A QUARTZ VEIN.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC-CAMB  
 HOST ROCK TYPES..... PHYLLITE, SLATE  
 PERTINENT MINERALOGY..... QUARTZ VEIN WITH IRON-OXIDE STAINING  
 IMPORTANT ORE CONTROL/LOCUS... VEIN

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, VIRGINIA SYNCLINORIUM  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: AARON FORMATION  
 AGE: PREC-CAMB

COMMENTS (GEOLOGY AND MINERALOGY):  
 THE AGE OF THE AARON FORMATION IS THOUGHT TO BE LATEST PRECAMBRIAN TO EARLIEST MIDDLE CAMBRIAN.

GENERAL REFERENCES  
 1) LANEY, F. B., 1917, THE GEOLOGY AND ORE DEPOSITS OF THE VIRGINIA DISTRICT OF VIRGINIA AND NORTH CAROLINA: VA. GEOL. SURVEY BULL., 14, 176 P.  
 2) BUCHANAN, T. E., 1981 - PERSONAL COMMUNICATION

**GILL'S MOUNTAIN PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... WO31832  
 RECORD TYPE..... X1M  
 INFORMATION SOURCE... 123  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... TRIMB  
 LE. DAVID, C. (SWEET, PALMER, C.)  
 AFFILIATION..... VDMR  
 DATE..... 82  
 06

NAME AND LOCATION  
 DEPOSIT NAME..... GILL'S MOUNTAIN PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. VIRGINIA DISTRICT  
 COUNTRY CODE..... US  
 STATE CODE..... VA

COUNTY..... HALIFAX  
 DRAINAGE AREA..... 03 ROANOKE RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE 1: 24000 QUAD NO OR NAME NELSON, VA.-N.C. (1968)  
 LATITUDE 36-33-45N LONGITUDE 078-44-50W  
 UTM NORTHING 4048820 UTM EASTING 701680 UTM ZONE NO +17  
 ALTITUDE.. 143 M  
 ACCURACY OF LOCATION ACCURATE

POSITION FROM NEAREST PROMINENT LOCALITY: 5.4 KM (3.35 MI) SOUTH-SOUTHWEST OF HITESBURG.  
 LOCATION COMMENTS: 0.3 KM (0.2 MI) OFF THE SOUTHEAST SIDE OF STATE ROAD 735 APPROXIMATELY 1.1 KM (0.7 MI) BY ROAD SOUTHWEST OF ITS INTERSECTION WITH STATE ROAD 606. ADDITIONAL SITE AT N 4048690, E 701610.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY..... PRE-1917  
 NATURE OF DISCOVERY..... A

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 LODE/VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1982, SEVERAL PROSPECT PITS AND A TRENCH WERE PRESENT ON BOTH SIDES OF MOUNTAIN BRANCH. PITS ARE ABOUT 4.6-6 M (15-20 FT) IN DIAMETER WITH A MAXIMUM DEPTH OF 1.5 M (5 FT). A RIM DUMP AS WELL AS BOULDER SIZE "BULL" QUARTZ IS PRESENT ALONG A NORTHEAST-SOUTHWEST STRIKE. NO METALLIC MINERALIZATION WAS SEEN AT THE SITE.

PRODUCTION  
 NO PRODUCTION  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC-CAMB  
 HOST ROCK TYPES..... METAVOLCANIC ROCKS  
 PERTINENT MINERALOGY..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS... QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: AARON FORMATION  
 AGE: PREC-CAMB

SIGNIFICANT LOCAL STRUCTURES:  
 VIRGINIA SYNCLINORIUM  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 AGE OF THE AARON FORMATION IS THOUGHT TO BE LATEST PRECAMBRIAN TO EARLIEST MIDDLE CAMBRIAN AGE. MINE OCCURS IN THE MIDDLE MEMBER OF THE AARON FORMATION.

GENERAL REFERENCES  
 1) LANEY, F. B., 1917, THE GEOLOGY AND ORE DEPOSITS OF THE VIRGINIA DISTRICT OF VIRGINIA AND NORTH CAROLINA: VA. GEOL. SURVEY BULL., 14, 176 P.  
 2) LINDEN, M.A., 1981, MINERALOGICAL AND CHEMICAL CHARACTERISTICS OF GOLD OCCURRENCES IN THE VIRGINIA DISTRICT, HALIFAX COUNTY, VIRGINIA: UNPUBLISHED M.S. THESIS, VIRGINIA TECH, 116 P.

**GOLDBANK MINE (See Redbank Mine)**

**HOWARD MINE (See Luce and Howard Mine)**

**LUCE AND HOWARD MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030511  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1, 3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME MEINT  
 ZER (D. C. LE VAN), ROBT. E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME LUCE AND HOWARD MINE  
 SYNONYM NAME HOWARD MINE, TALLYHILL MINE

MINING DISTRICT/AREA/SUBDIST. VIRGINIA DISTRICT

COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY HALIFAX  
 DRAINAGE AREA O3 ROANOKE RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 NELSON, VA. - N.C.

LATITUDE LONGITUDE  
 36-36-06N 078-44-41W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4052860. 701730. +17

ALTITUDE.. 450 FT (137 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.9 KM (1.2 MI) SW OF HITESBURG.

LOCATION COMMENTS: 0.40 KM (0.25 MI) DOWN DRIVEWAY OFF WEST SIDE OF STATE ROAD 602 ABOUT 1.37 KM (0.85 MI) BY ROAD SW OF JUNCTION WITH STATE ROAD 733.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 5-STAMP MILL INSTALLED

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY PRE-1906  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION PRE-1906  
 PRESENT/LAST OWNER HAMME SISTERS

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL INITIAL MINE DEVELOPMENT AND OPERATION, PRE-1906.  
 2) 1974 RECON VA. DIV. MIN. RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 A SMALL 5-STAMP MILL AND CONCENTRATING MACHINERY WERE INSTALLED. NO PRODUCTION HAS BEEN REPORTED SINCE 1906.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 30 M

COMMENTS(DESCRIP. OF WORKINGS):  
 LITTLE OR NO STOPING REPORTED. IN 1974, OPEN SHAFT, CAVED SHAFT AND ROCK FOUNDATIONS NOTED. THREE SHAFTS REPORTEDLY SUNK. THE SHAFTS VARIED IN DEPTH FROM 23 TO 30.5 M (75 TO 100 FT). SEVERAL OPEN TRENCHES WERE ALSO SEEN IN 1974.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS. CAMB-(?)  
 HOST ROCK TYPES. GREENSTONE (METABASALT)

AGE OF ASSOC. IGNEOUS ROCKS. CAMB (?)  
 IGNEOUS ROCK TYPES. METABASALT  
 PERTINENT MINERALOGY. QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS. SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES. VIRGINIA SYNCLINORIUM, NE-SW TREND  
 TECTONIC SETTING. PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: AARON FORMATION (MIDDLE MEMBER)  
 AGE: CAMB (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
 AARON FORMATION IS EQUIVALENT TO EFLAND FORMATION IN N.C.

GENERAL COMMENTS  
 IT WAS REPORTED THAT THE GOLD WAS VERY FINE AND THUS VERY DIFFICULT TO SAVE BY AMALGAMATION (LANEY, 1917).

GENERAL REFERENCES  
 1) LANEY, F.B., 1917, THE GEOLOGY AND ORE DEPOSITS OF THE VIRGINIA DISTRICT OF VIRGINIA AND NORTH CAROLINA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 14, 176 P.  
 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 3) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, NO. 3, P. 25-33.

**POOLE AND HARRIS PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. W030512  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1, 3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC.

REPORTER  
 NAME MEINT  
 ZER (D. C. LE VAN), ROBT. E.  
 DATE 79  
 06  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME POOLE AND HARRIS PROSPECT  
 SYNONYM NAME POOL PROSPECT

MINING DISTRICT/AREA/SUBDIST. VIRGINIA DISTRICT

COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY HALIFAX  
 DRAINAGE AREA O3 ROANOKE RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 NELSON, VA. - N.C.

LATITUDE LONGITUDE  
 36-34-37N 078-44-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4050120. 701770. +17

ALTITUDE.. 395 FT (120 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 4.0 KM (2.5 MI) SW OF HITESBURG.

LOCATION COMMENTS: NEAR CROSSING OF BIG MOUNTAIN BRANCH BY STATE ROAD 604, 0.5 KM (0.3 MI) BY ROAD SW OF JUNCTION WITH STATE ROAD 606.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY PRE-WWI  
 NATURE OF DISCOVERY A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PITS DUG AND GOLD WASHED.  
 2) 1974 RECON VA. DIV. MIN. RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, PLACER  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
NUMBER OF SHALLOW PITS AND CROSS-CUTS MADE ON QUARTZ VEIN. IN 1974, ONLY COVERED DUMP PILES NEAR STREAM EVIDENT

PRODUCTION  
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... CAMB (?)  
HOST ROCK TYPES..... GREENSTONE (METABASALT)

AGE OF ASSOC. IGNEOUS ROCKS... CAMB (?)  
IGNEOUS ROCK TYPES..... METABASALT

PERTINENT MINERALOGY..... QUARTZ  
IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONES

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. VIRGINILINA SYNCLINORIUM, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: AARON FORMATION (MIDDLE MEMBER)  
AGE: CAMB (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
AARON FORMATION IS EQUIVALENT TO EFLAND FORMATION IN N.C.

GENERAL REFERENCES  
1) LANEY, F.B., 1917, THE GEOLOGY AND ORE DEPOSITS OF THE VIRGINILINA DISTRICT OF VIRGINIA AND NORTH CAROLINA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 14, 176 P.  
2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

## POOL PROSPECT (See Poole and Harris Prospect)

### RED BANK MINE

RECORD IDENTIFICATION  
RECORD NO..... W030513  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LE VAN), ROBT. E.  
DATE..... 79  
06  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... RED BANK MINE  
SYNONYM NAME..... GOLDBANK MINE

MINING DISTRICT/AREA/SUBDIST. VIRGINILINA DISTRICT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... HALIFAX  
DRAINAGE AREA..... 03 ROANOKE RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE..... QUAD NO OR NAME  
1: 24000..... NELSON, VA. - N.C.

LATITUDE..... LONGITUDE  
36-35-58N..... 078-44-42W

UTM NORTHING..... UTM EASTING..... UTM ZONE NO  
4052590..... 701700..... +17

ALTITUDE.. 445 FT (136 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 7.2 KM (4.5 MI) NE OF VIRGINILINA.

LOCATION COMMENTS: BEHIND HOUSE, 0.3 KM (0.2 MI) OFF NORTH SIDE OF STATE ROAD 602, 0.56 KM (0.35 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 606.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

COMMODITY COMMENTS:  
MUCH OF THE GOLD WAS VERY FINE AND SO WAS LOST DURING THE AMALGAMATION PROCESS.

ANALYTICAL DATA(GENERAL)  
THE QUARTZ VEIN YIELDED GOLD ORE VALUED AT 8 PER TON ACROSS ITS ENTIRE WIDTH.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1903  
BY WHOM..... H.C. CROWELL  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1903 (?)  
PRESENT/LAST OWNER..... HAMME SISTERS  
PRESENT/LAST OPERATOR.... RED BANK GOLD MINES, INC.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1903 DIREXPL MESSRS. H.C. CROWELL & W.T. HARRIS: BEGAN DEVELOPMENT.  
2) 1906 DIREXPL VIRGINILINA MINING CO.: OPERATED MINE  
3) 1941 DIREXPL RED BANK GOLD MINES, INC.: OPERATED MINE  
4) 1974 RECON VA. DIV. MIN. RES. \ INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
THE MINE WAS DISCOVERED AND BEGAN OPERATION IN 1903 BY H.C. CROWELL. SHORTLY AFTER THE DISCOVERY, W.T. HARRIS JOINED MR. CROWELL IN THE DEVELOPMENT WORK. IN 1905 THEY SOLD THE PROPERTY TO THE VIRGINILINA MINING CO., WHO OPERATED THE MINE UNTIL 1912. IN 1937 JOE AND RICHARD HAMME OF VIRGINILINA REOPENED THE MINE AND IN 1941 THE RED BANK GOLD MINES, INC. TOOK OVER OPERATIONS. W.A. MILLIKEN AND L.W. LONG OF WARRENTON RAN RED BANK GOLD MINES, INC. THE MINE PRODUCED \$22,000 WORTH OF GOLD FROM 1903 TO 1912 AND MINOR AMOUNTS OF GOLD FROM 1937 TO 1942. THE SURFACE PLANT CONSISTED OF A SMALL STAMP MILL CONTAINING 2 BATTERIES OF 5 STAMPS EACH, ORE BINS, CRUSHER, AND POWER PLANT. IN 1942 A SMALL AMALGAMATION MILL WAS UTILIZED.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR, PINCH AND SWELL

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 1.8 M  
STRIKE OF OREBODY..... NEARLY N-S  
DIP OF OREBODY..... NEARLY VERTICAL

COMMENTS(DESCRIPTION OF DEPOSIT):  
THE VEIN APPEARS TO FOLLOW THE DIP AND STRIKE OF THE SCHISTOSITY OF THE COUNTRY ROCK. IT VARIES IN WIDTH FROM A FEW INCHES TO 6 FT (1.8 M). THE RICHEST PARTS OF THE VEIN ARE THE REDDISH AREAS THAT ARE CAUSED BY HEMATITE IN THE SILICIFIED COUNTRY ROCK  
SMALL AMOUNTS OF PYRITE ARE ALSO PRESENT IN THE UPPER SULPHIDE ZONE.

DESCRIPTION OF WORKINGS  
DEPTH OF WORKINGS BELOW SURFACE. 61 M  
LENGTH OF WORKINGS..... 198 M

COMMENTS(DESCRIP. OF WORKINGS):  
TWO SHAFTS WERE SUNK. ONE ABOUT 15 M (50 FT) AND THE OTHER ABOUT 61 M (200 FT) DEEP. ABOUT 198 M (650 FT) OF DRIFTS WERE DUG. THE FIRST LEVEL AT A DEPTH OF ABOUT 21 M (70 FT) EXTENDS 113 M (370 FT) SOUTH AND 37 M (120 FT) NORTH OF THE SHAFT. THE SECOND LEVEL (AT AN UNKNOWN DEPTH) EXTENDS ABOUT 27 M (90 FT) SOUTH AND 30.5 M (100 FT) NORTH OF THE SHAFT. CONSIDERABLE STOPING HAD BEEN DONE, BUT LITTLE OR NONE OF IT EXTENDS BELOW THE 21 M LEVEL. ALL DRIFTING AND DEVELOPMENT WORK HAS BEEN CONFINED TO THE ONE VEIN. IN 1974 A CAVED SHAFT, REMAINS OF OLD STAMP, AND PIECES OF MACHINERY WERE EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

#### CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS	TOTAL VALUE:
15 AU	SML			1903-1912		\$22000
16 AU	SML			1937-1942		

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1971), LANEY (1917)

PRODUCTION COMMENTS..... DURING 1906, ABOUT 10 T. OF ORE PER DAY WERE MILLED AT THE MINE

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... CAMB (?)  
HOST ROCK TYPES..... GREENSTONE (METABASALT TUFF)

AGE OF ASSOC. IGNEOUS ROCKS... CAMB (?)  
IGNEOUS ROCK TYPES..... METABASALT TUFF

PERTINENT MINERALOGY..... QUARTZ, HEMATITE, PYRITE, COPPER SULFIDES  
IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONES

#### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. VIRGINILINA SYNCLINORIUM, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: AARON FORMATION (MIDDLE MEMBER)  
AGE: CAMB (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
AARON FORMATION IS EQUIVALENT TO EFLAND FORMATION IN N.C.

#### GENERAL REFERENCES

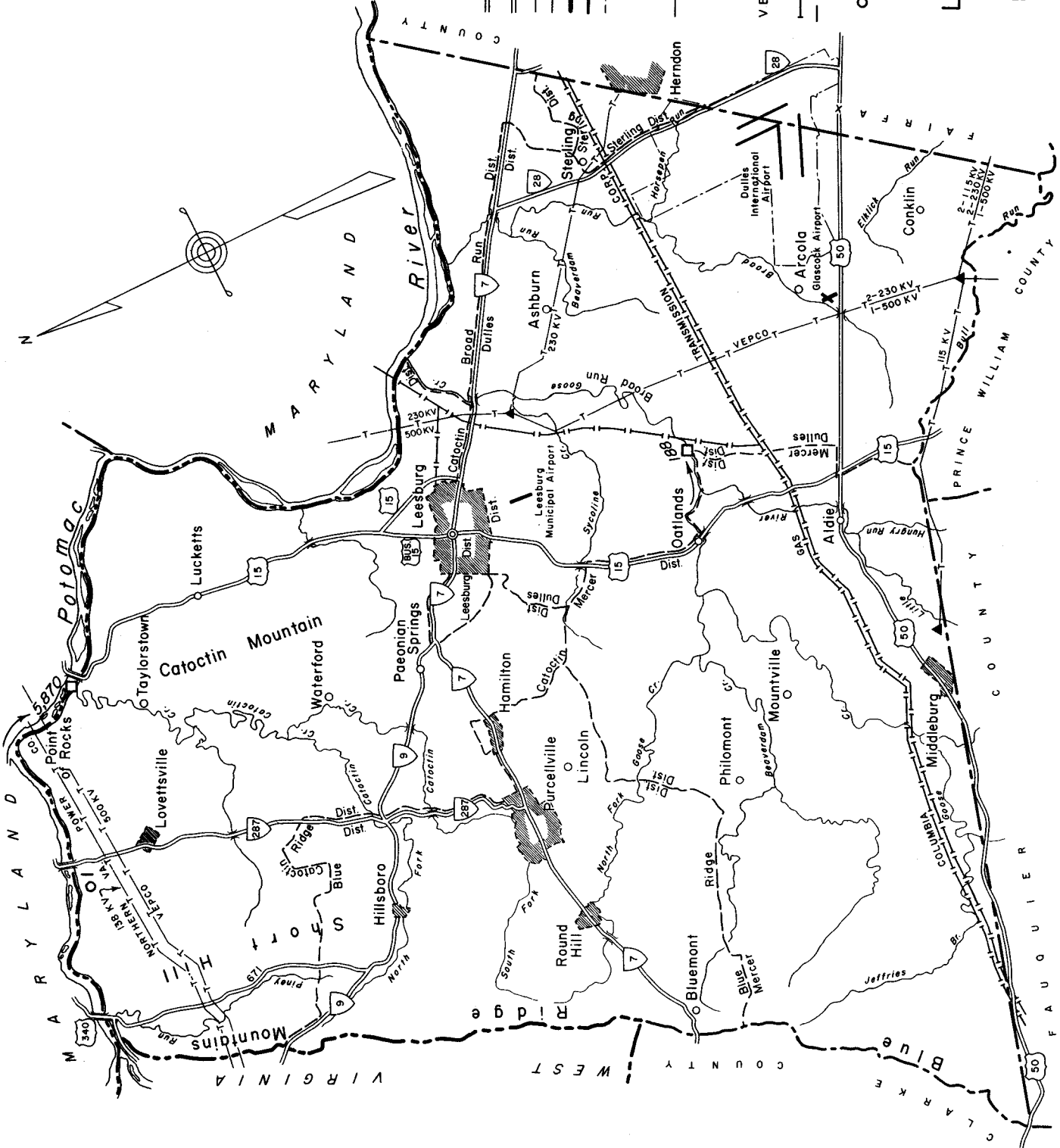
- 1) LANEY, F.B., 1917, THE GEOLOGY AND ORE DEPOSITS OF THE VIRGINILINA DISTRICT OF VIRGINIA AND NORTH CAROLINA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 14, 176 P.
- 2) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, V. 17, NO. 3, P. 25-33.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) WATSON, T.L., 1907, GOLD AND SILVER IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, JAMESTOWN EXPOSITION COMMISSION, P. 549-567.



LEGEND

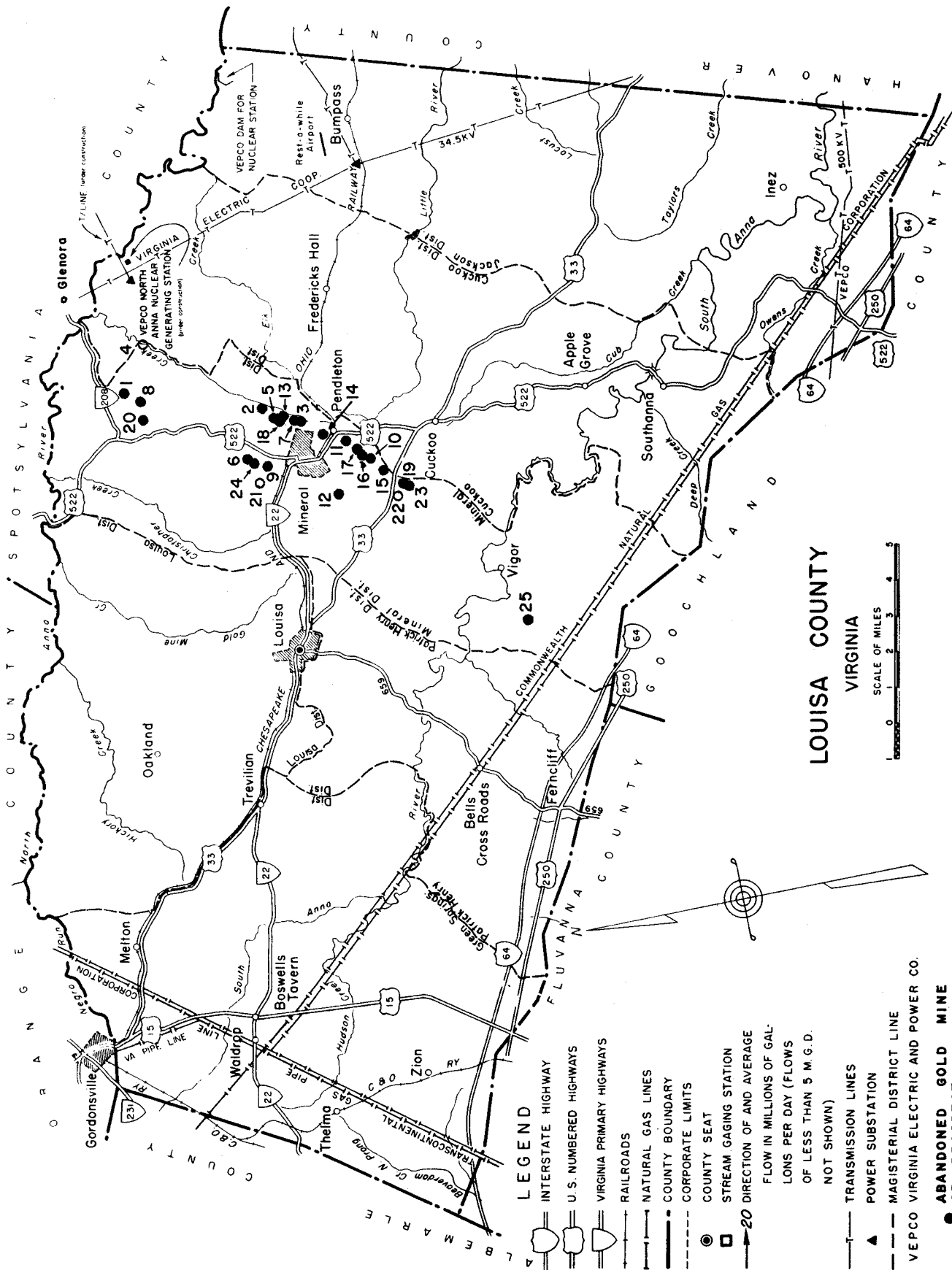
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- VEPCO VIRGINIA ELECTRIC AND POWER COMPANY
- NATURAL GAS LINES
- MAGISTERIAL DISTRICT LINE
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

LOUDOUN COUNTY VIRGINIA



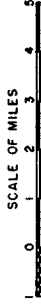
LOUDOUN COUNTY

1. Loudoun



LOUISA COUNTY

VIRGINIA



LEGEND

- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- NATURAL GAS LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- TRANSMISSION LINES
- POWER SUBSTATION
- MAGISTERIAL DISTRICT LINE
- VEPCO VIRGINIA ELECTRIC AND POWER CO.
- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

## LOUISA COUNTY

- |   |                           |
|---|---------------------------|
| 1. Allah Cooper (Ali Cooper, Valcooper) | 14. New Luce              |
| 2. Belden                               | 15. Proffit               |
| 3. Bibb                                 | 16. Ricswan               |
| 4. Boxley's                             | 17. Slate Hill            |
| 5. Chick                                | 18. Stockton              |
| 6. Cooper                               | 19. Thomasson's           |
| 7. Harris                               | 20. Tinder (Tinder Flats) |
| 8. Jenkins                              | 21. Triple Fork           |
| 9. Lett                                 | 22. Twin Vein             |
| 10. Louisa                              | 23. Walnut Grove          |
| 11. Luce (Captain Luce's)               | 24. Walton                |
| 12. Macdonald                           | 25. Josh Gold             |
| 13. Morriston                           |                           |

TALLYHILL MINE (See Luce and Howard Mine)

LOUDOUN COUNTY

LOUDOUN PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. .... W030514  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION, USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VOMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE ..... 79  
 06  
 UPDATED..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... LOUDOUN PROSPECT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... LOUDOUN  
 DRAINAGE AREA..... 02 POTOMAC RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 HARPERS FERRY, W. VA.-VA.-MD.  
 LATITUDE LONGITUDE  
 39-18- N 077-39- W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3.7 KM (2.3 MI) NNW OF  
 LOVETTSVILLE.  
 LOCATION COMMENTS: ON RIGHT BANK OF DUTCHMAN CREEK AT CONFLUENCE WITH  
 POTOMAC RIVER; EXACT LOCATION UNKNOWN.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD(7)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE SITE.  
 EXPLOR. AND DEVELOP. COMMENTS:  
 NO EXPLORATORY PITS SIGHTED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE (?)

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... METABASALT, GNEISS, GRANITE  
 AGE OF ASSOC. IGNEOUS ROCKS... PREC  
 IGNEOUS ROCK TYPES..... METABASALT, GNEISS, GRANITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... BLUE RIDGE ANTICLINORIUM, NE-SW TREND  
 TECTONIC SETTING..... OROGEN  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CATOCTIN FORMATION  
 AGE: PREC  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: MARSHALL GRANITE  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 SOUTH MOUNTAIN SYNCLINE, MIDDLETOWN ANTICLINE  
 GENERAL COMMENTS  
 LITTLE INFORMATION EXISTS IN THE LITERATURE ABOUT THIS SUPPOSED PROSPECT.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.

LOUISA COUNTY

ALI COOPER MINE (See Allah Cooper Mine)

ALLAH COOPER MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000476  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION, USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-033  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 06  
 UPDATED..... 82  
 01  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... ALLAH COOPER MINE  
 SYNONYM NAME..... VALCOOPER MINE, ALI COOPER MINE,  
 ALLEY-COOPER MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... LOUISA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAKE ANNA WEST, VA.  
 LATITUDE LONGITUDE  
 38-04-26N 077-51-34W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4217670. 249180. +18  
 ALTITUDE.. 290 FT (88 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 5.88 KM (3.65 MI) WEST OF  
 GLENORA.  
 LOCATION COMMENTS: 1.0 KM (0.6 MI) OFF SW SIDE OF STATE ROAD 652, 0.2 KM  
 (0.1 MI) BY ROAD NW OF JUNCTION WITH STATE HIGHWAY 208.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG PB ZN PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU PB ZN  
 MINOR PRODUCTS... AG  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 SPHALERITE, GALENA, PYRITE, CHALCOPYRITE, NATIVE GOLD

COMMODITY COMMENTS:  
 THE GANGUE IS QUARTZ AND MAGNETITE.

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 WATER FOR MILLING IS AVAILABLE IN THE VICINITY.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1907  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1907  
 YEAR OF LAST PRODUCTION. 1916 (?)  
 PRESENT/LAST OWNER..... PANAMINAS, INC.  
 PRESENT/LAST OPERATOR.... NEW JERSEY ZINC CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1915 DIREXPL BOYD-SMITH MINES, INC: SUNK SHAFT AND ERECTED MILL.  
 2) 1943 DIREXPL USBM: DIAMOND DRILLING, NEGATIVE RESULTS.  
 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

## EXPLOR. AND DEVELOP. COMMENTS:

MINE WAS FIRST OPERATED FOR GOLD AND SILVER. WATSON STATES THE SILVER CONTENT WAS REPORTED TO BE UNUSUALLY LARGE. BOYD-SMITH MINES, INC. OBTAINED THE PROPERTY IN 1915 AND STARTED LEAD AND ZINC MINING. AN INCLINED SHAFT WAS SUNK AND A 50-TON PER DAY GRAVITY CONCENTRATION MILL WAS ERRECTED. VIRGINIA LEAD AND ZINC CORP. ACQUIRED THE PROPERTY IN 1916 AND CLOSED THE MINE BUT KEPT THE MILL RUNNING UNTIL 1918 BY SHIPPING ORE FROM THE NEARBY VALZINCO MILL. THE SURFACE PLANT AND MILL BUILDINGS WERE DESTROYED BY A FOREST FIRE IN 1923. VENTURES LTD. SECURED THE MINE SITE IN 1929 AND SOLD IT TO ITS SUBSIDIARY COMPANY, PANAMINAS INC. IN 1942. A 198 M (650 FT) HOLE WAS DIAMOND DRILLED IN 1943 BY THE U.S. BUREAU OF MINES TO TEST THE ORE ZONE DOWNDIP FROM THE LOWEST MINE LEVEL. NO MINERALIZATION WAS FOUND WHERE THE HOLE WAS EXPECTED TO INTERSECT THE ORE ZONE (ABOUT 46 M (150 FT) BELOW THE LOWEST KNOWN MINE WORKINGS) AND NO FURTHER DRILLING WAS DONE. THE COMPLETE LOG OF THE DIAMOND DRILL HOLE CAN BE FOUND IN GROSH (1949). NEW JERSEY ZINC PROSPECTED IN 1967.

## DESCRIPTION OF DEPOSIT

## DEPOSIT TYPES:

VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR VEIN

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
STRIKE OF OREBODY..... NE  
DIP OF OREBODY..... SE

## COMMENTS(DESCRIPTION OF DEPOSIT):

THE COUNTRY ROCK IS A QUARTZ-SERICITE SCHIST WITH FOLIATIONS REGIONALLY STRIKING N 30-35DEG E AND DIPPING STEEPLY TO THE SOUTHEAST. THE VEIN IS THOUGHT TO BE A SULFIDE FILLING OF A FRACTURE ZONE THAT ALSO STRIKES NORTHEAST AND DIPS SOUTHEAST, CUTTING THE SCHISTOSITY AT A SHARP ANGLE.

## DESCRIPTION OF WORKINGS

DEPTH OF WORKINGS BELOW SURFACE. 107 M  
LENGTH OF WORKINGS..... 366 M

## COMMENTS(DESCRIP. OF WORKINGS):

WORKINGS COMPRISED AN INCLINED SHAFT 107 M (350 FT) DEEP WITH 6 WORKING LEVELS AT 15 M (50 FT) INTERVALS. THE UNDERGROUND DEVELOPMENT TOTALED APPROXIMATELY 366 M (1200 FT) IN 1974. A WATER-FILLED SHAFT, WATER-FILLED PITS, CONCRETE FOUNDATIONS OF PLANT SITE, AND DUMPS WERE EVIDENT. GROSH (1949) HAS A MINE MAP SHOWING THE WORKINGS.

## PRODUCTION

YES  
SMALL PRODUCTION

## ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 ORE AU	SML					

## PRODUCTION YEARS..... PRE-1916

## SOURCE OF INFORMATION (PRODUCTION)... GROSH (1949)

## PRODUCTION COMMENTS.... NO EXACT PRODUCTION FIGURES GIVEN

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... BIOTITE-SERICITE-QUARTZ-HORNBLLENDE GNEISS & SCHIST

PERTINENT MINERALOGY..... PYRITE, MAGNETITE, QUARTZ  
IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONE

GEOLOGICAL DESCRIPTIVE NOTES. FRACTURE ZONE STRIKES NORTHEASTWARD AND CUTS THE SCHISTOSITY AT A SHARP ANGLE.

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE . NE-SW TEND  
REGIONAL TRENDS..... N. 30-35 DEG. E., DIPPING STEEPLY SOUTHEAST  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
A FRACTURE ZONE THOUGHT TO BE PRESENT FOLIATION STRIKES N 30-35 DEG E AND DIPS STEEPLY TO SE.

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
SULFIDE FILLING OF FRACTURE ZONE

## GENERAL COMMENTS

OPENED FIRST AS AU AND AG MINE. INCLINED SHAFT SUNK AND 50-TON GRAVITY CONCENTRATION MILL ERRECTED IN 1915 BY BOYD-SMITH MINES, INC. PRODUCTION STOPPED IN 1916, BUT VA. LEAD AND ZINC CORP. OPERATED THE MINE UNTIL 1918 TO TREAT ORE FROM THE VALZINCO MINE.

## GENERAL REFERENCES

- GROSH, W. A., 1949, INVESTIGATION OF THE ALLAH COOPER LEAD-ZINC MINE, LOUISA COUNTY, VA: U S BUREAU OF MINES REPORT OF INVESTIGATIONS 4604, 6 P.
- POOLE, J. L., 1974, NOTES ON SOME ABANDONED COPPER, LEAD, AND ZINC MINES IN THE PIEDMONT OF VIRGINIA: VIRGINIA MINERALS, V 20, NO 2, P 9-14.
- SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J. P. BELL CO., P. 549-566
- LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VDMR, IN. RES. REPT. 7, 167 P.

## BELDEN PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W000478  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... HL-035  
MAP CODE NO. OF REC..

## REPORTER

NAME..... WRIGH  
T, NANCY A.  
DATE..... 72  
06  
UPDATED..... 79  
07  
BY..... MEINT  
ZER, ROBERT E.; (LE VAN, D. C.)

## NAME AND LOCATION

DEPOSIT NAME..... BELDEN PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... VA

STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 MINERAL, VA

LATITUDE LONGITUDE  
38-01-06N 077-52-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
4211570. 247310. +18

ALTITUDE... 370 FT (113 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.7 KM (1.7 MI) NE OF MINERAL.

LOCATION COMMENTS: 0.40 KM (0.25 MI) OFF SE SIDE OF STATE ROAD 703 ABOUT 1.53 KM (0.95 MI) BY ROAD NNE OF ITS JUNCTION WITH STATE ROAD 618.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
NATURE OF DISCOVERY..... A

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON FISHER LODGE.

## DESCRIPTION OF WORKINGS

SURFACE

## COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, ABOUT SIX CAVED PITS, ONE SMALL TRENCH AND SEVERAL DUMP PILES EVIDENT.

## ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

## PRODUCTION COMMENTS.... NO MENTION OF PRODUCTION.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... PYRITE, QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE . NE-SW TEND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

## GENERAL COMMENTS

THERE IS VERY LITTLE INFORMATION AVAILABLE CONCERNING THIS DEPOSIT. IT APPEARS AS A SYMBOL ON CLINE, WATSON, AND WRIGHT'S 1921 GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COS., VA. \*

GENERAL REFERENCES

- 1) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**BIBB PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W000474  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE ... 13  
 FILE LINK ID. .... VDMR  
 DEPOSIT NO. .... HL-031  
 MAP CODE NO. OF REC. .

REPORTER  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 06  
 UPDATED ..... 79  
 07  
 BY ..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME ..... BIBB PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... LOUISA  
 DRAINAGE AREA ..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL, VA  
 LATITUDE LONGITUDE  
 38-00-19N 077-53-16W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4210130. 246440. +18  
 ALTITUDE.. 405 FT (123 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.9 KM (1.2 MI) ESE OF MINERAL.  
 LOCATION COMMENTS: 0.3 KM (0.2 MI) OFF SOUTH SIDE OF STATE ROAD 618, 0.3 KM (0.2 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 703.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 MAIN COMMOD. .... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY ..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ON FISHER LODE  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, ABOUT FIVE CAVED PITS AND SEVERAL COVERED DUMPS WERE EVIDENT.  
 ANNUAL PRODUCTION (ORE/COMMOD., CONC., OVERBURD.)  
 PRODUCTION COMMENTS .... NO MENTION OF PRODUCTION.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... SCHIST  
 PERTINENT MINERALOGY ..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE NE-SW TREND  
 TECTONIC SETTING ..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION  
 AGE: EPAL

GENERAL COMMENTS

THERE IS LITTLE INFORMATION AVAILABLE CONCERNING THIS DEPOSIT. IT APPEARS AS A SYMBOL ON CLINE, WATSON, AND WRIGHT'S 1921 "GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COS., VA."

GENERAL REFERENCES

- 1) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 20.
- 2) PARDEE, J. T., AND PARK, C. F., USGS PP. 213, P. 54.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**BOXLEY'S MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W030515  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE ... 1, 3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC. .

REPORTER  
 NAME ..... MEINT  
 ZER (D. C. LE VAN), ROBT. E.  
 DATE ..... 79  
 07  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... BOXLEY'S MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... LOUISA  
 DRAINAGE AREA ..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAKE ANNA WEST, VA.  
 LATITUDE LONGITUDE  
 38-03-44N 077-50-05W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4216300. 251300. +18  
 ALTITUDE.. 235 FT (72 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 8.7 KM (5.4 MI) NE OF MINERAL.  
 LOCATION COMMENTS: LOCATION APPROXIMATE. JUST NORTH AND NOW IN FLOODED AREA OF CONTRARY CREEK, JUST WEST OF STATE ROAD 652 BRIDGE.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... 1835 (?)  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. 1835 (?)  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1835 DIREXPL PLACER WORKINGS.  
 2) 1974 RECON VA. DIV. MIN. RES: SITE FLOODED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER  
 FORM/SHAPE OF DEPOSIT: IRREGULAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL  
 DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP OF WORKINGS):  
 AREA FLOODED  
 PRODUCTION  
 YES  
 SMALL PRODUCTION  
 SOURCE OF INFORMATION (PRODUCTION).. SILLIMAN (1837)  
 PRODUCTION COMMENTS .... IN FIRST YEAR PRODUCED \$9,000-WORTH AND PROBABLY PRODUCED AT LEAST TWICE THAT AMOUNT DURING DURATION OF MINING.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS ..... QUAT  
 HOST ROCK TYPES ..... GRAVEL

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 PLACER

COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK IS CHOPAWAMSI FORMATION.

GENERAL REFERENCES  
 1) STILLMAN, B., 1837, REMARKS ON SOME OF THE GOLD MINES, AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE, V. 32, P. 108-130.  
 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

### CAPT. LUCE'S MINE (See Luce Mine)

### CHICK MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000470  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-027  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 06  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... CHICK MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL , VA  
 LATITUDE LONGITUDE  
 38-00-44N 077-52-59W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4210880. 246880. +18

ALTITUDE.. 370 FT (113 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 KM (1.4 MI) EAST OF MINERAL.  
 LOCATION COMMENTS: 0.40 KM (0.25 MI) OFF SE SIDE OF STATE ROAD 703, 0.6 KM (0.4 MI) BY ROAD NNE OF JUNCTION WITH STATE ROAD 618.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 COMMODITY COMMENTS:  
 QUARTZ VEINS ARE INTERLEAVED WITH HOST ROCK

#### MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 2-STAMP MILL BUILT.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1906 (?)

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1906 DIREXPL LIMITED EXPLORATION AND MINING CONDUCTED.  
 2) 1974 RECON VA DIV MIN RES: SITE INSPECTED.

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX THICKNESS..... 1, 2 M  
 STRIKE OF OREBODY..... NE  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 QUARTZ VEINS UP TO 1.2 M (4 FT) THICK INTERLEAVED WITH GARNETIFEROUS SERICITE SCHIST CONTAINING GOLD COMPOSED THE DEPOSIT.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 LENGTH OF WORKINGS..... 15 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1906, OPEN CUT AND TUNNEL ABOUT 15 M LONG AND 3-4.5 M WIDE NOTED. IN 1974, ABOUT SIX CAVED PITS, CONCRETE FOUNDATIONS, AND COVERED DUMPS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1	AU	SML		1906	VALUE OF PRODUCTION = \$65

PRODUCTION YEARS..... 1906

SOURCE OF INFORMATION (PRODUCTION).. WATSON REF.

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GARNETIFEROUS SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE SCHISTOSITY OF THE HOST ROCK STRIKES N. 15 DEG. E., AND DIPS NEARLY VERTICAL.

#### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 IN 1906 DEVELOPMENT CONSISTED OF AN OPEN CUT, A TUNNEL 50 FEET LONG, AND 10 TO 15 FEET WIDE, AND A 2-STAMP MILL. OPERATIONS HAD BEEN SUSPENDED BY 1906.

#### GENERAL REFERENCES

1) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 34  
 2) WATSON, T. L., 1907, MINERAL RES. OF VA., P. 559.  
 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P

### COOPER MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000461  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-018  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 06  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... COOPER MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL , VA  
 LATITUDE LONGITUDE  
 38-01-55N 077-54-01W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4213140. 245430. +18

ALTITUDE.. 415 FT (127 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 2.49 KM (1.55 MI) NNE OF MINERAL  
 LOCATION COMMENTS: 0.6 KM (0.4 MI) OFF NW SIDE OF U S HWY 522 ABOUT 1.85 KM (1.15 MI) BY ROAD NE OF JUNCTION WITH STATE ROAD 667.



COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PYR CU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR. CU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD , PYRITE, CHALCOPYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A  
YEAR OF LAST PRODUCTION. 1903

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL DEVELOPED BY SHAFT AND TUNNEL  
2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
WORK SUSPENDED IN 1903.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR (STRINGERS)

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
DEPOSIT CONTAINS THIN QUARTZ STRINGERS WHICH IN TURN CONTAIN SOME ADMIXED  
CALCITE WITH PYRITE, AND A LITTLE CHALCOPYRITE, IN QUARTZ-SERICITE AND  
CHLORITE SCHIST.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 30 M

COMMENTS(DESCRIP. OF WORKINGS):  
DEVELOPMENT CONSISTED OF 30 M SHAFT ON AN INCLINE OF 56 DEG S 80 DEG E,  
AND NUMEROUS PITS. IN 1974, ABOUT TWENTY CAVED PITS, TWO CAVED SHAFTS  
AND LARGE DUMPS EVIDENT.

PRODUCTION

YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE,COMMOD.,CONC.,OVERBURD.)

ITEM ACC AMOUNT THOUS.UNITS YEAR GRADE,REMARKS  
1 AU SML

PRODUCTION YEARS..... PRE-1903

SOURCE OF INFORMATION (PRODUCTION).. WATSON REF.

PRODUCTION COMMENTS.... NO PRODUCTION FIGURES GIVEN, BUT IT WAS PROBABLY  
SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, CHLORITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, CALCITE, PYRITE, CHALCOPYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE  
TECTONIC SETTING..... Piedmont

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

- 1) WATSON, T. L. 1907. MIN. RES. OF VA., P. 558
- 2) LUTTRELL, G. W. 1966. VA. MIN. RES. REPORT 7, P. 36.
- 3) SWEET, P. C. 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) CLINE, J. H., WATSON, T. L., AND WRIGHT, F. J., 1921. A GEOLOGIC MAP OF THE GOLD-PYRITE BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VA ( DIV. MIN. RES.

HARRIS MINE

RECORD IDENTIFICATION  
RECORD NO..... W000473  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... HL-030  
MAP CODE NO. OF REC..  
REPORTER  
NAME..... WRIGH  
T. NANCY A.  
DATE..... 72  
06  
UPDATED..... 79  
07  
BY..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... HARRIS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... O2 YORK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 MINERAL , VA

LATITUDE LONGITUDE  
38-00-25N 077-53-12W

UTM NORTHING UTM EASTING UTM ZONE NO  
4210310. 246560. +18

ALTITUDE.. 380 FT (116 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.9 KM (1.2 MI) EAST OF MINERAL

LOCATION COMMENTS: 0.12 KM (0.08 MI) OFF SOUTH SIDE OF STATE ROAD 618, 0.40  
KM (0.25 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 709.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 4  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1800'S

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL MINE PROBABLY OPERATED AROUND 1850.  
2) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON FISHER LODGE.

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, FIVE CAVED PITS AND SEVERAL DUMPS EVIDENT

ANNUAL PRODUCTION (ORE,COMMOD.,CONC.,OVERBURD.)

PRODUCTION COMMENTS.... NO MENTION OF PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... Piedmont

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL COMMENTS

THERE IS ALMOST NO INFORMATION AVAILABLE CONCERNING THIS DEPOSIT. IT  
APPEARS AS A SYMBOL ON CLINE, WATSON, AND WRIGHT'S 1921 "GEOLOGIC MAP OF  
THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COS., VA."

GENERAL REFERENCES

- 1) SWEET, P. C. 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 2) WATSON, T. L. 1907. MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, J P BELL CO, 618 P.
- 3) CLINE, J. H., WATSON, T. L., AND WRIGHT, F. J., 1921. A GEOLOGIC MAP OF THE GOLD-PYRITE BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VA. DIV. MIN. RES.

JENKINS MINE

RECORD IDENTIFICATION  
RECORD NO..... W030516  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1, 3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D. C. LE VAN), ROBT. E.  
DATE..... 79  
07

UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

JOSH GOLD MINE

NAME AND LOCATION  
DEPOSIT NAME..... JENKINS MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA  
COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

RECORD IDENTIFICATION  
RECORD NO..... W031172  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION..... USGS  
INFORMATION SOURCE..... 1235  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC.....

QUAD SCALE QUAD NO OR NAME  
1: 24000 LAKE ANNA WEST, VA.  
LATITUDE LONGITUDE  
38-03-49N 077-51-41W  
UTM NORTHING UTM EASTING UTM ZONE NO  
4216520. 248960. +18  
ALTITUDE.. 250 FT (76 M)

REPORTER  
NAME..... TRIMB  
LE, DAVID C. (SWEET, P. C.)  
DATE..... 80  
11

POSITION FROM NEAREST PROMINENT LOCALITY: 7.16 KM (4.45 MI) NE OF MINERAL  
LOCATION COMMENTS: ON NORTH SIDE OF CONTRARY CREEK, 1.70 KM (1.05 MI) EAST  
OF U.S. HWY 522 BRIDGE OVER THAT CREEK.

NAME AND LOCATION  
DEPOSIT NAME..... JOSH GOLD MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
STATE CODE..... VA  
COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1830'S  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1835 (?)

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1835 DIREXPL PLACER OPERATION AND VEIN PROSPECT.  
2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
SILLIMAN (1837) REPORTED THE DISCOVERY OF A GOLD/QUARTZ VEIN IN 1836.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PLACER, VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
NUMEROUS WATER-FILLED PITS AND DUMPS WERE EVIDENT IN 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SILLIMAN (1837)

PRODUCTION COMMENTS.... \$2-3,000 PER ANNUM.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL-QUAT  
HOST ROCK TYPES..... SCHIST, ALLUVIUM  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT  
LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: ALLUVIUM  
AGE: QUAT  
2) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

- 1) SILLIMAN, B., 1837, REMARKS ON SOME OF THE GOLD MINES, AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE, V. 32, P. 108-130.
- 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

QUAD SCALE QUAD NO OR NAME  
1: 24000 FERNCLIFF, VA.  
LATITUDE LONGITUDE  
37-55-36N 078-00-06W  
UTM NORTHING UTM EASTING UTM ZONE NO  
4201710. 763540. +17  
ALTITUDE.. 385 FT (117 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.1 KM (1.3 MI) SOUTHWEST OF  
YANCEYVILLE.  
LOCATION COMMENTS: 1.0 KM (0.6 MI) EAST ON STATE ROAD 640 FROM ITS  
INTERSECTION WITH STATE ROAD 697; 400 M (1312 FT) NORTH OF 640, ABOVE A  
TRIBUTARY OF THE SOUTH ANNA RIVER.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL  
OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

COMMODITY COMMENTS:  
OTHER SULPHIDE'S (UNNAMED) ARE REPORTEDLY PRESENT.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1930  
BY WHOM..... HERSHEL SHANK  
NATURE OF DISCOVERY..... C  
YEAR OF FIRST PRODUCTION. 1930  
PRESENT/LAST OWNER..... GEORGE M. BADGETT  
PRESENT/LAST OPERATOR.... JOSH GOLD MINES

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1930 DIREXPL JOSH GOLD MINES - DUG TRENCH, MINED  
2) 1980 RECON VA. DIV. MIN. RES. - INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
DEPOSIT WAS FOUND BY HERSHEL SHANK IN 1930 BY PANNING IN THE CREEK  
DOWNHILL FROM THE MINE. MR. SHANK FOLLOWED THE GOLD UPSTREAM TO ITS POINT  
OF ENTRY AND THEN STARTED DIGGING A TRENCH ON THE HILLSIDE, HITTING THE  
GOLD-BEARING QUARTZ VEIN ALMOST IMMEDIATELY. THE TRENCH WAS THEN  
LENGTHENED ALONG THE STRIKE OF THE QUARTZ VEIN. WORK CONTINUED OFF AND  
ON UNTIL 1932 WHEN LACK OF MONEY STOPPED OPERATIONS. ALL WORK WAS DONE  
BY HAND WITH PICKS AND SHOVELS. ED JONES OWNED THE PROPERTY AT THE TIME  
OF OPERATION.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE, PLACER  
FORM/SHAPE OF DEPOSIT: LINEAR, IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
STRIKE OF OREBODY.... N 40 DEG E  
DIP OF OREBODY..... 67 DEG SE

COMMENTS(DESCRIPTION OF DEPOSIT):  
GOLD OCCURRED AS NUGGETS AND AS-WIRE-GOLD WITHIN THE QUARTZ. THE GOLD  
OFTEN HOLDING THE FRACTURED QUARTZ TOGETHER. ALSO GOLD OCCURRED AS SMALL  
GRAINS WITHIN THE STREAM DOWNHILL. A FAULT IS REPORTED TO MARK THE  
SOUTHWEST END OF THE DEPOSIT. ABUNDANT QUARTZ ROCK AND A LARGE DUMP PILE  
ARE SCATTERED AROUND THE LARGEST TRENCH. THE QUARTZ VEIN THICKENED AND  
THINNED WITHIN SHORT DISTANCES, AVERAGING ABOUT 0.5 M (1.5 FT) IN  
THICKNESS.

COMMENTS(DESCRIP. OF WORKINGS):  
WORKINGS CONSIST OF TRENCHES AND PITS. THE LARGEST TRENCH IS 44 M (144  
FT) LONG, 3-4.6 M (10-15 FT) WIDE, AND 3-4.6 M (10-15 FT) DEEP. A  
SMALLER TRENCH IS 21 M (69 FT) LONG, 2.4 M (8 FT) WIDE, AND 1.2 M (4 FT)  
DEEP. SMALLER TRENCHES, DUG TO DETERMINE THE EXTEND OF THE DEPOSIT, ARE  
SCATTERED OVER THE HILLSIDES. THEY AVERAGE ABOUT 3 M (10 FT) LONG, 0.9 M  
(3 FT) WIDE, AND 0.6 M (2 FT) IN DEPTH.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. HERSHEL SHANK

PRODUCTION COMMENTS.... ESTIMATED A LITTLE OVER \$1,000 WORTH OF GOLD WAS REMOVED FROM MINE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL-QUAT  
 HOST ROCK TYPES..... SCHIST, ALLUVIUM

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS... VEIN/SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND: COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
 FAULTS

COMMENTS (GEOLOGY AND MINERALOGY):  
 THE EXTENSION OF THE QUARTZ VEIN BEYOND THE FAULT AT THE SOUTHWEST END OF THE OPEN CUT HAS NEVER BEEN FOUND, THE AMOUNT OF OFFSET IS UNKNOWN. ALSO, MR. SHANK REPORTED A GEOLOGIST WHO VISITED THE SITE TOLD HIM THAT THE QUARTZ VEIN SHOULD BE FOLLOWED DOWN DIP (TOWARD THE NORTH-NORTHWEST) TO A QUARTZ DIKE CLOSE BY AND THAT IS WHERE ALL THE GOLD WOULD BE.

GENERAL REFERENCES  
 1) ECONOMIC GEOLOGY FILE-VIRGINIA DIVISION OF MINERAL RESOURCES.  
 2) FLANAGAN, M. C., "THARS GOLD IN THEM THAR HILLS", RICHMOND TIMES-DISPATCH, NOVEMBER 16, 1930  
 3) HERSHEL SHANK - PERSONAL COMMUNICATION, 1980

**LETT MINE**

RECORD IDENTIFICATION  
 RECORD NO ..... W000465  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-022  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 06  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... LETT MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... LOUISA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL VA.

LATITUDE LONGITUDE  
 38-01-21N 077-54-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4212080. 244880. +18

ALTITUDE.. 420 FT (128 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.3 KM (0.8 MI) NORTH OF MINERAL.

LOCATION COMMENTS: 0.36 KM (0.23 MI) OFF NW SIDE OF U S HWY 522, 0.8 KM (0.5 MI) BY ROAD NE OF JUNCTION WITH STATE ROAD 667.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 4  
 NATURE OF DISCOVERY..... B

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, WATER-FILLED SHAFT, TRENCH CUT CONCRETE FOUNDATIONS, EQUIPMENT, AND SPREAD OUT MATERIAL NOTED.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THIS MINE IS ON STRIKE WITH THE HEMMER AND ARMINIUS MINES, AND PRESUMABLY THE GEOLOGY AND MINERALS ARE SIMILAR. ALSO ON STRIKE WITH COOPER GOLD MINE.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 THERE IS VERY LITTLE INFORMATION ON THIS MINE, THE FIRST REFERENCE TO IT BEING A MINE SYMBOL ON CLINE, WATSON, AND WRIGHT'S GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COS. 1921.

GENERAL REFERENCES  
 1) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 81  
 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**LOUISA MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W030517  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE..... 79  
 07  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... LOUISA MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... LOUISA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
 37-58-51N 077-54-41W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4207490. 244280. +18

ALTITUDE.. 450 FT (137M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.9 KM (1.2 MI) SW OF PENDLETON.

LOCATION COMMENTS: 1.37 KM (0.85 MI) NE OF JUNCTION OF STATE ROAD 605 WITH U. S. HWY 33.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

## MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
DEVELOPMENT INCLUDED SMALL STAMP MILL.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1847  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1847

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1847 DIREXPL VEIN DEPOSIT DEVELOPED; IN RUINS BY 1865.  
2) 1974 RECON VA.DIV. MIN. RES.: SITE INSPECTED.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON FISHER LODE. VEIN AVERAGED 1.8 M IN WIDTH AND TRACED FOR 1.6 KM ACROSS PROPERTY.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 36.6 M

## COMMENTS(DESCRIP. OF WORKINGS):

DURING OPERATION SIX SHAFTS SUNK AND 90 M OF OPEN CUTS MADE. IN 1974, ONLY A CAVED SHAFT AND DUMP WERE EVIDENT.

## PRODUCTION

YES  
SMALL PRODUCTION

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

## GENERAL REFERENCES

- 1) LUTTRELL, G. W., 1966, BASE-AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) GODD, R. S., FORDHAM, D. M., JR., AND HALLADAY, C. R., 1977, GEOCHEMICAL RECONNAISSANCE FOR GOLD IN THE CALEDONIA AND PENDLETON QUADRANGLES IN THE PIEDMONT OF CENTRAL VIRGINIA: VIRGINIA MINERALS, V. 23, #2, P. 13-22.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 9.

## LUCE MINE

RECORD IDENTIFICATION  
RECORD NO..... W030518  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (O. C. LE VAN), ROBT. E.  
DATE..... 79  
07  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... LUCE MINE  
SYNONYM NAME..... CAPT. LUCE'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... O2 YORK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
37-59-22N 077-54-02W

UTM NORTHING UTM EASTING UTM ZONE NO  
4208410. 245260. +18

ALTITUDE.. 450 FT (137M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.56 KM (0.35 MI) SW OF  
PENDLETON.

LOCATION COMMENTS: 0.20 KM (0.125 MI) OFF NW SIDE OF U.S. HWY 522, 0.6 KM  
(0.4 MI) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 700.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

## MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
20-STAMP MILL ERECTED

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... POST-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. POST CIVIL WAR

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL MINING AND MILLING OPERATION (CEASED 1895).  
2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

## EXPLOR. AND DEVELOP. COMMENTS:

WATSON (1907) FELT THIS MINE WAS PROBABLY THE MOST EXTENSIVE GOLD  
OPERATION IN LOUISA COUNTY. THE PROPERTY WAS DEVELOPED BY 2 SHAFTS AND  
NUMEROUS SMALL OPENINGS. A 20-STAMP MILL WAS ERECTED AND MUCH ORE WAS  
MINED AND MILLED. MINE WAS LAST OPERATED IN 1895.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: LINEAR

## SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 2.4 M  
COMMENTS(DESCRIPTION OF DEPOSIT):  
WIDTH OF THE VEIN VARIED FROM 1 TO 2.4 M (3 TO 8 FT). MINE IS ON THE  
FISHER LODE.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 61 M  
LENGTH OF WORKINGS..... 305 M

## COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, TWO CAVED SHAFTS, EIGHT CAVED PITS AND TRENCH CUTS WERE EVIDENT.  
THE 2 SHAFTS ARE 91.5 M (300 FT) APART AND ALIGNED ALONG A N30DEGE  
DIRECTION. THESE SHAFTS DIP 60DEG AND 70DEG NEARLY SOUTHEAST. THE MINE  
WAS DEVELOPED TO A DEPTH OF 61 M (200 FT) WITH THE TOTAL LENGTH OF  
DRIFTING ON THE VEIN MORE THAN 305 M (1000 FT). NUMEROUS SMALLER OPENINGS  
WERE MADE OVER ALL PARTS OF THE PROPERTY.

## PRODUCTION

YES  
SMALL PRODUCTION

## CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.	UNITS	YEAR	GRADE	REMARKS
15 AU	SML				?	-	1895

## SOURCE OF INFORMATION (PRODUCTION).. WATSON (1907)

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... CRINKLED GARNETIFEROUS SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

## GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA. J. P. BELL CO., 618 P.

## MACDONALD MINE

RECORD IDENTIFICATION  
RECORD NO..... W030519  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (O. C. LE VAN), ROBT. E.  
DATE..... 79  
07

NAME AND LOCATION  
 DEPOSIT NAME..... MACDONALD MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... 02 YORK, RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.  
 LATITUDE LONGITUDE  
 37-59-44N 077-55-54W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4209180. 242560. +18  
 ALTITUDE.. 370 FT (113M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 2.98 KM (1.85 MI) WEST OF  
 PENDLETON.  
 LOCATION COMMENTS: 1.0 KM (0.6 MI) OFF WESTSIDE OF STATE ROAD 665, 1.3 KM  
 (0.8 MI) BY ROAD SW OF JUNCTION WITH U.S. HWY. 522.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 MINOR ORE MINERALS:  
 PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED SHAFT AND PIT AND DUMP EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1980)  
 PRODUCTION COMMENTS.... NO INFORMATION ON PRODUCTION.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 LOCALITY INFORMATION ONLY HAS BEEN FOUND IN OLD LITERATURE.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.  
 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS: ROCKS AND MINERALS, VOL.  
 47, NO. 9, P. 515.

**MORRISTON MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000463  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-020  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 06  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... MORRISTON MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL, VA  
 LATITUDE LONGITUDE  
 38-01-36N 077-53-17W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4210720. 246800. +18  
 ALTITUDE.. 400

POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 KM (1.4 MI) EAST OF MINERAL  
 LOCATION COMMENTS: 0.3 KM (0.2 MI) OFF NORTH SIDE OF STATE ROAD 618 FROM  
 ITS CROSSING OF STREAM 0.6 KM (0.4 MI) BY ROAD EAST OF ITS JUNCTION WITH  
 STATE ROAD 709.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 ANALYTICAL DATA(GENERAL)  
 ORE IS SAID TO HAVE YIELDED FIFTY CENTS OF GOLD PER BUSHEL (APPROXIMATELY  
 100 POUNDS) OF ORE.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1844  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1844  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1844 DIREXPL OPENED BY PIT  
 2) 1974 RECON VA DIV MIN RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LENSES

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 PROBABLY ON FISHER LODE . OPEN PIT EXPOSED A ZONE OF QUARTZ  
 INTERCALATIONS-WHICH CARRIED IRON OXIDE AND GOLD. THE COUNTRY ROCK ALSO C  
 NTAINED GOLD.

DESCRIPTION OF WORKINGS  
 SURFACE  
 OVERALL LENGTH OF MINED AREA.... 18.3 M  
 OVERALL WIDTH OF MINED AREA..... 18.3 M  
 OVERALL AREA..... 335 SQ M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1865, 15 M DEEP PIT WITH DIMENSIONS AS ABOVE IN EXISTENCE. IN 1974,  
 ONE WATER-FILLED AND ONE CAVED PIT, TRENCH, COVERED DUMPS EVIDENT

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 1 AU SML

SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL (1966)  
 PRODUCTION COMMENTS.... NO EXACT PRODUCTION FIGURES GIVEN, BUT PROBABLY WAS  
 NOT VERY MUCH.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... CHLORITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS

THE MINE WAS OPENED IN 1844 BY AN OPEN PIT THAT WAS 50 FT. DEEP AND 60 FT. SQUARE IN 1865.

GENERAL REFERENCES

- 1) LUTTRELL, G W, 1966, BASE AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 2) SWEET, P C, 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 9.

**NEW LUCE PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. W030520  
 RECORD TYPE XIM  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ZER (D. C. LE VAN), ROBT. E. MEINT  
 DATE 07 79

NAME AND LOCATION  
 DEPOSIT NAME NEW LUCE PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE VA  
 STATE NAME: VIRGINIA

COUNTY LOUISA  
 DRAINAGE AREA 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
 37-59-42N 077-53-46W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4209020. 245670. +18

ALTITUDE.. 460 FT (140M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.2 KM (0.1 MI) NE OF PENDLETON.

LOCATION COMMENTS: 0.24 KM (0.15 MI) NE OF JUNCTION OF STATE ROAD 700 AND U.S. HWY. 522 IN PENDLETON; COVERED BY LARGE AREA OF SAWMILL WASTE.

COMMODITY INFORMATION

COMMODITIES PRESENT AU  
 MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 AREA PRESENTLY MOSTLY COVERED BY SAWMILL WASTE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ON FISHER LODE.

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974 ONLY SCATTERED FRAGMENTS OF QUARTZ AND SCHIST COULD BE SEEN.

PRODUCTION

NO PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1980)

PRODUCTION COMMENTS.... NO PRODUCTION INFORMATION LOCATED, BUT PROBABLY THERE WAS NONE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSTIC FORMATION  
 AGE: EPAL

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**PROFFIT MINE**

RECORD IDENTIFICATION  
 RECORD NO. W030521  
 RECORD TYPE XIM  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID. VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ZER (D. C. LE VAN), ROBT. E. MEINT  
 DATE 07 79

NAME AND LOCATION  
 DEPOSIT NAME PROFFIT MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME: UNITED STATES

STATE CODE VA  
 STATE NAME: VIRGINIA

COUNTY LOUISA  
 DRAINAGE AREA 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
 37-58-33N 077-55-06W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4206950. 243670. +18

ALTITUDE.. 445 FT (136M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.65 KM (1.65 MI) SW OF PENDLETON.

LOCATION COMMENTS: 0.28 KM (0.18 MI) OFF NORTH SIDE OF STATE ROAD 605, 0.5 KM (0.3 MI) BY ROAD WSW OF JUNCTION WITH U.S. HWY. 33.

COMMODITY INFORMATION

COMMODITIES PRESENT AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL OPENED PITS.  
 2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 PROBABLY THE FISHER LODE.

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, FIFTEEN CAVED PITS AND TRENCHES AND DUMPS OBSERVED.

PRODUCTION

YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1980)

PRODUCTION COMMENTS.... NO PRODUCTION INFORMATION LOCATED, BUT PRODUCTION WAS PROBABLY SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST

## PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

## GENERAL REFERENCES

1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

## RICSWAN MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030522  
 RECORD TYPE ..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D. C. LE VAN), ROBT. E.  
 DATE ..... 79  
 07

## NAME AND LOCATION

DEPOSIT NAME..... RICSWAN MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY..... LOUISA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
 37-58-58N 077-54-33W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4207690. 244490. +18

ALTITUDE.. 460 FT (140 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 KM (1.0 MI) SW OF PENDLETON.

LOCATION COMMENTS: 0.76 KM (0.48 MI) WSW OF THE JUNCTION OF STATE ROAD 605 WITH U.S. HWY. 522.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):

MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL TWO SHAFTS SUNK, NUMEROUS PITS DUG.  
 2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ON FISHER LODE.

## DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

## COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, TWO CAVED SHAFTS, TEN CAVED PITS AND TRENCHES, AND DUMPS WERE SEEN.

## PRODUCTION

YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1980)

PRODUCTION COMMENTS.... NO PRODUCTION INFORMATION REPORTED, BUT PRODUCTION WAS PROBABLY SMALL.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

## LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

## GENERAL REFERENCES

1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

## SLATE HILL MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030523  
 RECORD TYPE ..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE ..... 79  
 07  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

## NAME AND LOCATION

DEPOSIT NAME..... SLATE HILL MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY..... LOUISA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
 37-59-06N 077-54-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4207930. 244740. +18

ALTITUDE.. 460 FT (140 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.3 KM (0.8 MI) SW OF PENDLETON.

LOCATION COMMENTS: 0.52 KM (0.33 MI) EAST OF JUNCTION OF STATE ROAD 605 AND U.S. HWY. 522.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

## ANALYTICAL DATA(GENERAL)

A REPORT MADE IN 1853 INDICATED THE AVERAGE VALUE OF THE ORE WAS 4 PER TON AND THE COST OF MINING AND MILLING WAS \$1.40 PER TON.

## MINERAL ECONOMICS FACTORS

## ECONOMIC COMMENTS:

15 STAMP MILL ERECTED; HUNTINGTON MILL ERECTED.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1849  
 BY WHOM..... DR. D. SKERRETT (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1849

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1850 DIREXPL DR. D. SKERRETT: MINE DEVELOPED.  
 2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

## EXPLOR. AND DEVELOP. COMMENTS:

MINE WAS OPENED IN 1849 AND WORKED BY DR. D. SKERRETT FROM 1850 TO 1854, AND THEN BECAME THE PROPERTY OF A PHILADELPHIA COMPANY. DURING THIS PERIOD A MAIN SHAFT, 45.7 M (150 FT) DEEP, AND SEVERAL SMALLER SHAFTS WERE SUNK. A 15-STAMP MILL WAS ALSO ERECTED. IN 1895 A HUNTINGTON MILL HAD BEEN ERECTED AND THE MINE WAS BEING DEVELOPED IN THE LOWER LEVELS. MINE APPARENTLY CLOSED DOWN OPERATIONS SOMETIME IN 1895.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON FISHER LODE. TWO VEINS DEVELOPED.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 45.7 M

COMMENTS(DESCRIP. OF WORKINGS):  
DURING THE 1850'S A MAIN SHAFT, 45.7 M (150 FT) DEEP, AND SEVERAL SMALLER SHAFTS WERE SUNK. IN 1974 A CAVED SHAFT, FOUR CAVED PITS, AND A DUMP WERE SEEN.

PRODUCTION  
YES  
SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE AU	SML			1849-1895	AU, \$4.00/T IN 1853

SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL (1966), WATSON (1907)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSIK FORMATION  
AGE: EPAL

GENERAL COMMENTS  
LOCATED BETWEEN LUCE AND RICSWAN MINES.

GENERAL REFERENCES  
1) LUTTRELL, G. W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
3) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA., J. P. BELL, 618 P.  
4) CREONER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL VII, P. 9

**STOCKTON MINE**

RECORD IDENTIFICATION  
RECORD NO..... W000471  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... HL-028  
MAP CODE NO. OF REC..

REPORTER  
NAME..... WRIGH  
T. NANCY A.  
DATE..... 72  
06  
UPDATED..... 79  
07  
BY..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... STOCKTON MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 MINERAL, VA

LATITUDE LONGITUDE  
38-00-40N 077-53-03W

UTM NORTHING UTM EASTING UTM ZONE NO  
4210780. 246780. +18

ALTITUDE.. 380 FT (116 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.1 KM (1.3 MI) EAST OF MINERAL

LOCATION COMMENTS: 0.36 KM (0.23 MI) OFF SE SIDE OF STATE ROAD 703. 0.56 KM (0.35 MI) BY ROAD NNE OF JUNCTION WITH STATE ROAD 618.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR CU ZN PB

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PYR CU ZN PB

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, AURIFEROUS PYRITE, CHALCOPYRITE, SPHALERITE, GALENA

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON FISHER LODE

DESCRIPTION OF WORKINGS  
COMMENTS(DESCRIP. OF WORKINGS):  
TWO WATER-FILLED PITS, THREE CAVED PITS, AND COVERED DUMP SEEN IN 1974.

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

PRODUCTION COMMENTS.... THERE IS NO MENTION OF PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSIK FORMATION  
AGE: EPAL

GENERAL COMMENTS  
THERE IS ALMOST NO INFORMATION AVAILABLE CONCERNING THIS MINE. DEPOSIT APPEARS AS SYMBOL ON CLINE, WATSON, AND WRIGHT'S 1921 "GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COS., VA.

GENERAL REFERENCES  
1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VOMR, MIN. RES. REPT. 7, 167 P.  
3) PARDEE  
J. T., AND PARK, C. F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: USGS PP 213, 152 P.  
4) CLINE, J. H., WATSON, T. L., AND WRIGHT, F. J., 1921  
A GEOLOGIC MAP OF THE GOLD-PYRITE BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VA. DIV. MIN. RES.

**THOMASSON'S MINE**

RECORD IDENTIFICATION  
RECORD NO..... W030524  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D. C. LE VAN), ROBT. E.  
DATE..... 79  
07  
UPDATED..... 81  
10  
BY..... TRIMB  
LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... THOMASSON'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 PENDLETON, VA.

LATITUDE LONGITUDE  
37-57-56N 077-55-46W

UTM NORTHING UTM EASTING UTM ZONE NO  
4205840. 242640. +18



ALTITUDE.. 450 FT (137 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 4.2 KM (2.6 MI) SW OF PENDELTON.  
 LOCATION COMMENTS: ON WEST SIDE OF STATE ROAD 605, 1.0 KM (0.6 MI) BY ROAD SW OF JUNCTION WITH U.S. HWY. 33.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.  
 EXPLOR. AND DEVELOP. COMMENTS:  
 DEVELOPED PRIOR TO CIVIL WAR.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX LENGTH..... 0.8 KM  
 MAX WIDTH..... 4.6 M  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 ON THE FISHER LODE, VEINS CROSS THE PROPERTY FOR ABOUT 0.8 KM (0.5 MI). THE VEIN IS A CONTINUATION OF THAT OF THE WALNUT GROVE MINE, BUT WIDENS OUT TO 4.6 M (15 FT) IN SPOTS. IT CONSISTS OF FRIABLE QUARTZ, WITH MUCH IRON OXIDE, PYRITE AND GOLD. THE ORE FREQUENTLY SHOWED FREE GOLD TO THE NAKED EYE.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 15 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 OPEN PITS 61 M (200 FT) LONG AND 6 M (20 FT) DEEP AND A SHAFT 15 M (50 FT) DEEP WERE SEEN IN 1865. IN 1974, A CAVED SHAFT (?) AND PIT, TRENCH AND DUMPS WERE SEEN.  
 PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS..... NO PRODUCTION FIGURES REPORTED, HOWEVER PRODUCTION WAS PROBABLY SMALL. CREDNER (1869) REPORTED THAT WITH THE HELP OF THREE HANDS THE DAILY YIELD WAS 30 TO 45 DWTS., OR 1.5 TO 2.25 TOZ.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SERICITE SCHIST  
 PERTINENT MINERALOGY..... FRIABLE QUARTZ, PYRITE  
 IMPORTANT ORE CONTROL/LOCUS.. VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES

- LUTTRELL, G. W. , 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- SWEET, P. C. , 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- CREDNER, H. , 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 407.

TINDER FLATS MINE (See Tinder Mine)

TINDER MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000477  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... IJ  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-034  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGHT, NANCY A.  
 DATE..... 7206  
 UPDATED..... 7907

BY..... MEINTZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... TINDER MINE  
 SYNONYM NAME..... TINDER FLAT S MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAKE ANNA WEST, VA.

LATITUDE LONGITUDE  
 38-03-52N 077-52-20W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4216660. 248020. +18

ALTITUDE.. 270 FT (82 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 6.84 KM (4.25 MI) NE OF MINERAL

LOCATION COMMENTS: ON NORTH SIDE OF CONTRARY CREEK 0.72 KM (0.45 MI) EAST OF US HWY 522 BRIDGE OVER CONTRARY CREEK.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG PB ZN SB

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 MINOR PRODUCTS.. AG

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PB ZN SB

ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 AURIFEROUS PYRITE, ARGENTIFEROUS GALENA, SPHALERITE, BOULANGERITE , NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1830 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1830 (?)

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) 1830 DIREXPL DEVELOPMENT OF PLACER DEPOSIT FIRST, THEN DEVELOPMENT OF VEIN IN 1865.
  - 2) 1895 OTHER PLACER BOTTOMS TESTED FOR FURTHER DEVELOPMENT, BUT NONE CARRIED OUT.
  - 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:

PLACERS WERE MINED SPORADICALLY FROM THE 1830'S TO 1895. IN 1865 A QUARTZ VEIN HAD BEEN OPENED BY A SHAFT 13.7 M DEEP.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, PLACERS  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 BESIDES THE PLACER DEPOSITS A QUARTZ VEIN 1 M (3 FT) WIDE WAS OPENED.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 13.7 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, NUMEROUS WATER-FILLED PITS AND COVERED DUMPS WERE EVIDENT. IN 1865 A SHAFT 13.7 M (45 FT) DEEP HAD BEEN SUNK.

PRODUCTION

YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS.	UNITS	YEAR	GRADE,	REMARKS
1 AU	SML						

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.	UNITS	YEAR	GRADE,	REMARKS
15 AU	SML				1830-1865		\$100,000

PRODUCTION YEARS..... 1830-1865.

SOURCE OF INFORMATION (PRODUCTION).. LUTTRELL (1966)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION

AGE: EPAL

GENERAL COMMENTS

THESE DEPOSITS WERE PERHAPS THE BEST KNOWN AND MOST PRODUCTIVE SOURCE OF PLACER GOLD IN THE EARLY DAYS OF VIRGINIA GOLD MINING. PLACERS WERE MINED SPORADICALLY FROM THE 1830'S TO 1895. A 45-FT. SHAFT WAS SUNK ON THE QUARTZ VEIN IN 1865.

GENERAL REFERENCES

- 1) WATSON, T. L., 1907, MINERAL RESOURCES OF VA., P. 558.
- 2) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 131.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 4) CREDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 9.
- 5) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMER. JOUR. SCI. AND ARTS, VOL. 32, P. 98-130.

TRIPLE FORK PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. W030525  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME TRIPLE FORK PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY LOUISA  
 DRAINAGE AREA O2 YORK RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINERAL, VA.  
 LATITUDE LONGITUDE  
 38-01-37N 077-54-32W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4212590. 244660. +18  
 ALTITUDE 415 FT (127 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.85 KM (1.15 MI) NORTH OF MINERAL.  
 LOCATION COMMENTS: 0.85 KM (0.58 MI) OFF NW SIDE OF U.S. HWY. 522, 1.09 KM (0.68 MI) BY ROAD NE OF JUNCTION WITH STATE ROAD 667.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU  
 MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL (?)

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 THREE SHALLOW HILLSIDE CUTS OBSERVED IN 1974.

PRODUCTION

NO PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1980)

PRODUCTION COMMENTS... NO PRODUCTION FIGURES ARE GIVEN FOR THIS PROSPECT, HOWEVER IN CONSIDERATION OF WORKINGS AND LACK OF MENTION IN THE LITERATURE, IT IS DOUBTFUL IF THERE WERE ANY PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS EPAL  
 HOST ROCK TYPES SCHIST

PERTINENT MINERALOGY PROBABLY QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION  
 AGE: EPAL

GENERAL COMMENTS

THIS PROSPECT IS NOT MENTIONED IN OLD LITERATURE, IT BEING NOTED ONLY ON A "MAP OF A SECTION OF THE MINING DISTRICT OF VIRGINIA, 1867"

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

TWIN VEIN MINE

RECORD IDENTIFICATION  
 RECORD NO. W030526  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 1,3  
 FILE LINK ID VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME MEINT  
 ZER (D. C. LEVAN), ROBT. E.  
 DATE 79  
 07  
 UPDATED 81  
 10  
 BY TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME TWIN VEIN MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES

STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY LOUISA  
 DRAINAGE AREA O2 YORK RIVER  
 PHYSIOGRAPHIC PROV. O2 PIEDMONT  
 LAND CLASSIFICATION O0

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENLETON, VA

LATITUDE LONGITUDE  
 37-58- N 077-56- W

UTM NORTHING UTM EASTING UTM18ONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.2 TO 4.8 KM (2.0 TO 3.0 MI) SSW OF MINERAL.

LOCATION COMMENTS: EXACT LOCATION UNKNOWN; ACCORDING TO DEED BOOKS, MINE IS LOCATED ON THE OLD R.E. DOLAN PROPERTY KNOWN AS THE LOUISA GOLD COMPANY LAND TRACT OF 766 ACRES WHICH INCLUDES THE WADDY TRACT AND THE 104 ACRE WALDORF TRACT; NEAR THE PROPERTY OF LEWIS THOMASSON ON AND ALONG THE OLD RICHMOND ROAD (U.S. HWY. 33).

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU AG

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS AU  
 MINOR PRODUCTS A

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY ARGENTIFEROUS NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY 1921  
 NATURE OF DISCOVERY A  
 YEAR OF FIRST PRODUCTION 1921

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1921 DIREXPL BEGAN DEVELOPMENT AND MINING.  
 2) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE MINE.

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS WORKED FROM 1921 TO 1925. A SMALL AMALGAMATION PLANT WAS ERRECTED TO PROCESS THE ORE FROM OPEN CUTS(

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE (?)  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT SMALL (?)  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 PROBABLY ON FISHER LODGE.

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
ORE RECOVERED FROM OPEN CUTS.

PRODUCTION  
YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT THOUS. UNITS	YEAR	GRADE	REMARKS
1	AU	ACC 00.00329 T0Z	1925		
2	AG	ACC 00.00500 T0Z	1925		

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT THOUS. UNITS	YEAR	GRADE	REMARKS
15	AU	SML	1921-1922		
16	AU	SML	1924-1925		
17	AG	SML	1921-1922		
18	AG	SML	1924-1925		

SOURCE OF INFORMATION (PRODUCTION).. DUNLOP (1924)

PRODUCTION COMMENTS.... IDLE IN 1923. PRODUCTION ALLOCATED TO VIRGINIA DURING PERIOD 1921-1926 AS LISTED IN U.S. GEOL. SURV. AND U.S. BUREAU OF MINES. MINERAL RESOURCES OF THE U.S., PROBABLY REFER TO THIS MINE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST (?)

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL COMMENTS  
PROBABLY LOCATED BETWEEN PROFFIT AND THOMASSON'S MINES.

GENERAL REFERENCES

- LUTTRELL, G.W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- DUNLOP, J.P., 1924, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES. (MINES REPORT.) IN U.S. GEOLOGICAL SURVEY, MINERAL RESOURCES OF THE UNITED STATES, 1921, PART 1 - METALS, P. 7 - 13.

### VALCOOPER MINE (See Allah Cooper Mine)

### WALNUT GROVE MINE

RECORD IDENTIFICATION  
 RECORD NO..... W030527  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE.... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC.. 07

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 UPDATED..... 81  
 IO  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... WALNUT GROVE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... LOUISA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 PENDLETON, VA.  
 LATITUDE LONGITUDE  
 37-57-49N 077-55-53W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4205640. 242480. +18

ALTITUDE.. 435 FT (133 M)  
POSITION FROM NEAREST PROMINENT LOCALITY: 4.42 KM (2.75 MI) SW OF PENDLETON.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF WEST SIDE OF STATE ROAD 605 0.40 KM (0.25 MI) BY ROAD NORTH OF JUNCTION WITH STATE ROAD 758.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, AURIFEROUS IRON ORE

MAIN ORE MINERALS:  
NATIVE GOLD, AURIFEROUS IRON OXIDE

COMMODITY COMMENTS:  
AURIFEROUS IRON OXIDE = WEATHERED PYRITE (?)

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
16-STAMP MILL OPERATED PRIOR TO 1865.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... 1845  
BY WHOM..... GEORGE FISHER  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1845 (?)

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL MINE OPERATED PRIOR TO CIVIL WAR.  
2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:

DEPOSIT WAS DISCOVERED IN 1845 BY GEORGE FISHER, AFTER WHOM THE FISHER LODE WAS PROBABLY NAMED. A 16-STAMP MILL WAS OPERATED BEFORE 1865. THE MILL CONTAINED IN ADDITION TO THE STAMPS, TWO CHILIAN MILLS, ENGINE AND TWO BOILERS.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX THICKNESS..... 1.5 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
ON THE FISHER LODE. QUARTZ VEIN WAS 0.6 TO 1.5 M (2 TO 5 FT) THICK, AND CONSISTED OF LIGHT YELLOW FRIABLE QUARTZ, CARRYING AURIFEROUS IRON OXIDE AND FREE GOLD.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

A CAVED SHAFT, SIX CAVED PITS, AND COVERED DUMPS EVIDENT IN 1974.

PRODUCTION

YES  
SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION).. CREDNER (1868).

PRODUCTION COMMENTS.... MR. FISHER REPORTED THAT WITH THE HELP OF FIVE HANDS AND NINE STAMPS HE OBTAINED \$100 PER DAY.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... GARNETIFEROUS SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, PYRITE (?)

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE , NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL REFERENCES

- LUTTRELL, G. W., 1966, BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. NG., VOL. VI, P. 407.

### WALTON MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000462  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE.... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-019  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 OS  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
DEPOSIT NAME..... WALTON MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... LOUISA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 MINERAL, VA

LATITUDE LONGITUDE  
38-01-45N 077-54-11W

UTM NORTHING UTM EASTING UTM ZONE NO  
4212810. 245180. +18

ALTITUDE.. 395 FT (120 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.1 KM (1.3 MI) NORTH OF MINERAL.

LOCATION COMMENTS: 0.56 KM (0.35 MI) OFF NW SIDE OF US HWY 522, 1.4 KM (0.9 MI) BY ROAD NE OF JUNCTION WITH STATE ROAD 667.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PB ZN PYR SB

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU  
MINOR PRODUCTS... PYR

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... PB ZN SB

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PYRITE, CHALCOPYRITE, GALENA, SPHALERITE, GOLD, BOULANGERITE

COMMODITY COMMENTS:  
SAID TO HAVE PRODUCED VERY RICH ORE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
MINE DEVELOPED IN FIRST HALF OF 19TH CENTURY. OWNED BY WALTON MINING CO IN 1836. INVOLVED IN LAND LITIGATION IN FIRST DECADE OF 20TH CENTURY.

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT: POD/LENS

SIZE/DIRECTIONAL DATA  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ON STRIKE WITH ARMINIUS MINE. THE VEIN CONTAINED IN A GANGUE OF QUARTZ, RICH POCKETS OF PYRITE, CHALCOPYRITE, GALENA, SPHALERITE AND FREE GOLD.

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 46 M

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A WATER-FILLED SHAFT, THREE CAVED PITS, AND DUMPS WERE SEEN. MINE CONSISTED OF NUMEROUS PITS AND A 46 M (150 FT) SHAFT.

PRODUCTION  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE AU	SML				

PRODUCTION YEARS..... AROUND 1840

SOURCE OF INFORMATION (PRODUCTION)... LUTTRELL REF.

PRODUCTION COMMENTS..... NO PRODUCTION FIGURES GIVEN, BUT REPORTED TO HAVE BEEN ONE OF THE BEST PRODUCERS IN REGION.

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, CHLORITE SCHIST  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THIS MINE LIES ON LINE OF STRIKE OF THE ARMINIUS MINE, AND THE GEOLOGY IS THE SAME.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

GENERAL COMMENTS  
DEVELOPMENT CONSISTS OF A 150-FT SHAFT, FILLED IN 1865, AND NUMEROUS PITS. DURING ITS PERIOD OF OPERATION AROUND 1840 IT IS REPORTED TO HAVE BEEN ONE OF THE BEST PRODUCERS IN THE AREA.

## GENERAL REFERENCES

- 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 139.
- 2) WATSON, T.L., 1907, MINERAL RESOURCES OF VA., P. 558
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 4) CREEDNER, H., 1869, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VII, P. 9.

## NELSON COUNTY

## COLLEEN PROSPECT

## RECORD IDENTIFICATION

RECORD NO..... W031173  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 235  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

## REPORTER

NAME..... TRIMB  
LE, DAVID C. (SWEET, P. C.)  
DATE..... 80  
09

## NAME AND LOCATION

DEPOSIT NAME..... COLLEEN PROSPECT

COUNTRY CODE..... US

STATE CODE..... VA

COUNTY..... NELSON  
DRAINAGE AREA..... 02 JAMES RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 ARRINGTON, VA.

LATITUDE LONGITUDE  
37-42-44N 078-56-17W

UTM NORTHING UTM EASTING UTM ZONE NO  
4175670. 681750. +17

ALTITUDE.. 740 FT (226 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.6 KM (0.4 MI) NORTHWEST OF COLLEEN.

LOCATION COMMENTS: 0.9 KM (0.55 MI) WEST ON STATE ROAD 56 FROM ITS INTERSECTION WITH U.S. ROUTE 29, ABOUT 30 M (100 FT) NORTH OF THE ROAD UNDER SOME OAK TREES, ABOUT 0.16 KM (0.1 MI) EAST ON STATE ROAD 56 FROM THE DRIVEWAY OF THE MAYS HOUSE.

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU U PT W MN

MAIN COMMOD..... AU  
MINOR COMMOD..... U PT W MN

## ORE MATERIALS (MINERALS, ROCKS, ETC.):

NATIVE GOLD, URANIUM, PLATINUM, TUNGSTEN, MANGANESE

MAIN ORE MINERALS:  
NATIVE GOLD

MINOR ORE MINERALS:  
URANIUM, PLATINUM, TUNGSTEN, MANGANESE

## COMMODITY COMMENTS:

ALL COMMODITIES WERE REPORTED TO HAVE BEEN FOUND, BUT NOT ABLE TO VERIFY.

## EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
YEAR OF DISCOVERY..... 1937  
BY WHOM..... VON RAVEN (?)  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... NETTIE H. MAYS  
PRESENT/LAST OPERATOR... VON RAVEN (?)

## WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1937 DIREXPL VON RAVEN - DUG SHAFT, NO PRODUCTION  
2) 1980 RECON VA, DIV. MIN. RES. - INSPECTED SITE

## EXPLOR. AND DEVELOP. COMMENTS:

MINE IS BELIEVED TO HAVE BEEN OPENED IN 1937 BY A GERMAN NAMED VON RAVEN (?). IT CONSISTED OF ONE SHAFT WITH 2 TUNNELS AND 3 ROOMS. NO PRODUCTION RESULTED. DEPOSIT WAS UNECONOMICAL AND MINE WAS CLOSED IN 1939. SHAFT HAS NOW BEEN FILLED IN AND ONLY ONE DUMP PILE IS VISIBLE.

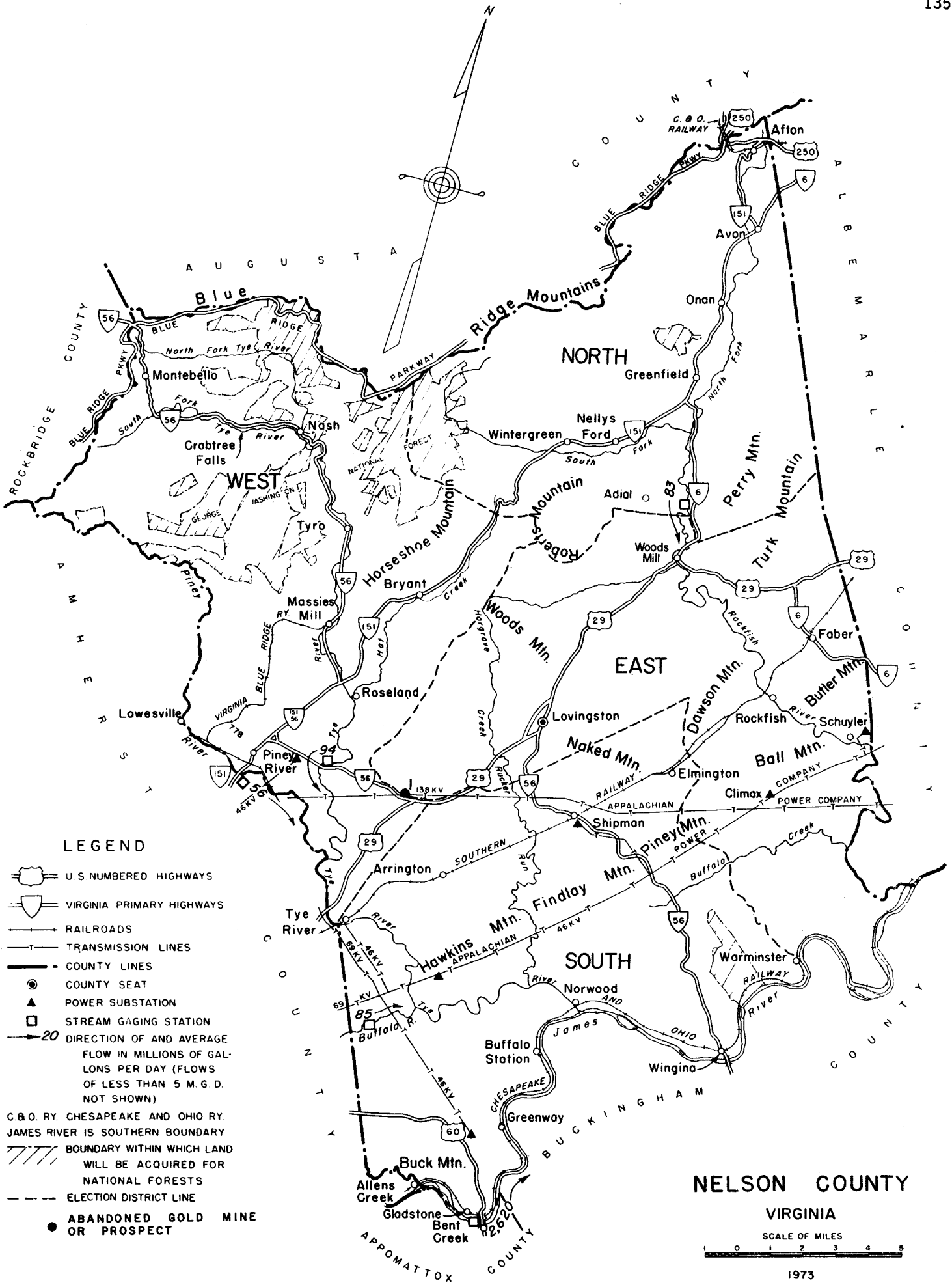
## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN?  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
COMMENTS(DESCRIPTION OF DEPOSIT):  
ONLY ONE DUMP PILE IS NOW VISIBLE.

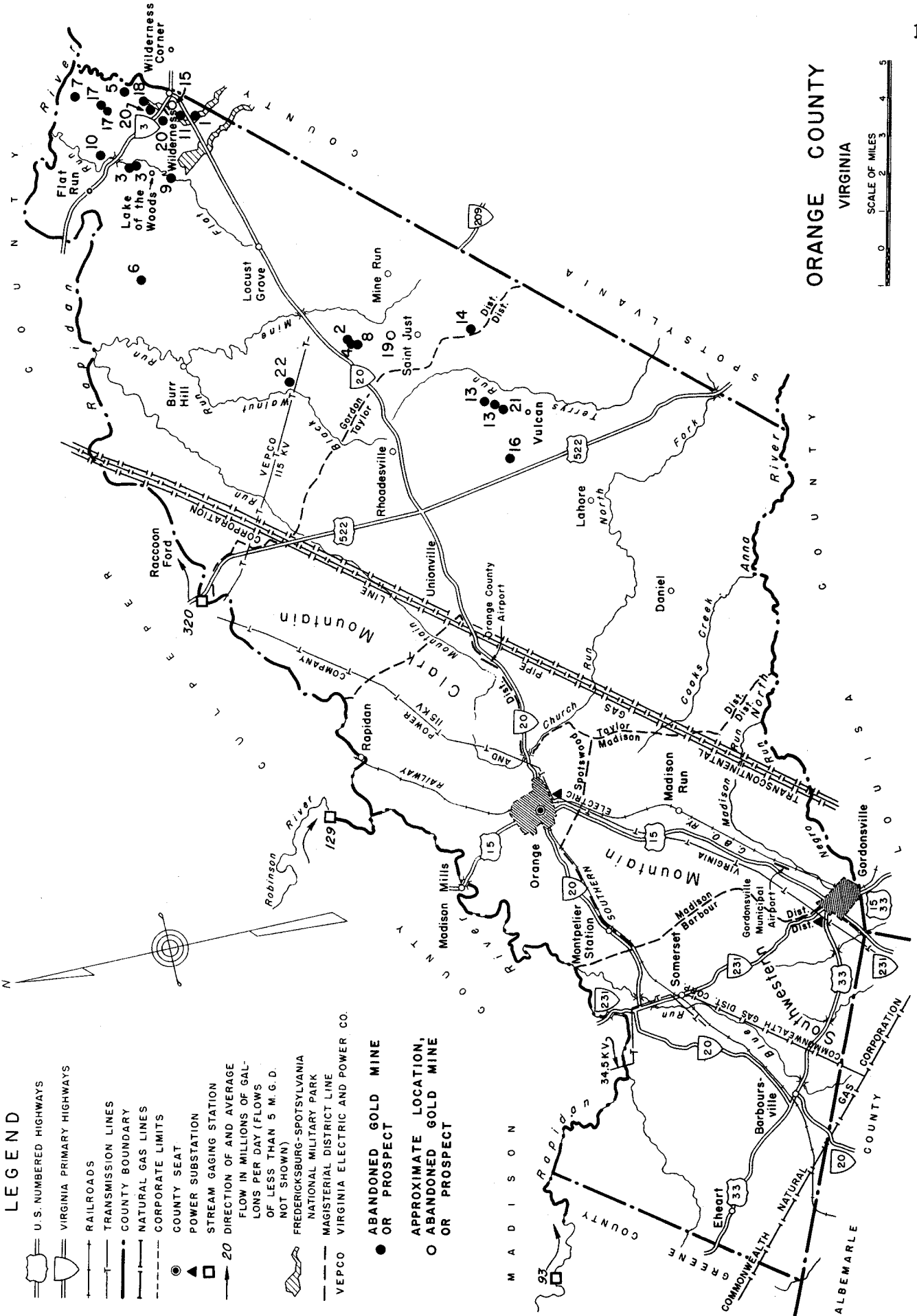
## DESCRIPTION OF WORKINGS

UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 37 M  
LENGTH OF WORKINGS..... 108 M



NELSON COUNTY

1. Colleen

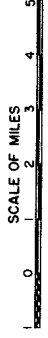


**LEGEND**

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- COUNTY BOUNDARY
- NATURAL GAS LINES
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- FREDERICKSBURG-SPOTSYLVANIA NATIONAL MILITARY PARK
- MAGISTERIAL DISTRICT LINE
- VEPCO VIRGINIA ELECTRIC AND POWER CO.

- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

**ORANGE COUNTY VIRGINIA**



## ORANGE COUNTY

1. Ambler (Amler)
2. Dickey
3. Gordon's, H. (two mines)
4. Grasty
5. Greenwood (Laird)
6. Jones
7. Melville (Rapidan)
8. Old Tinder (Chicago-Virginia Tract)
9. Orange Grove
10. Partridge
11. Prospect A
13. Saunders (two mines)
14. Seldon
15. Somerville (Sommerville)
16. Stuart (Stewart)
17. Vaucluse (Grimes, Grymes) (two mines plotted)
18. Wilderness
19. Woodman
20. Woodville (Coulter's, Coalter's) (two mines)
21. Young
22. Walnut Creet



OVERALL LENGTH OF MINED AREA.... 9 M  
 OVERALL WIDTH OF MINED AREA..... 9 M

COMMENTS (DESCRIP. OF WORKINGS):  
 ONE SHAFT 120 FT (37 M) DEEP WAS DUG WITH 2 TUNNELS AT THE BOTTOM OF THE SHAFT, EACH OF WHICH WAS AT LEAST 117 FT (36 M) LONG. 3 UNDERGROUND ROOMS OFF THE SHAFT, 30 FT (9M) SQUARE, WERE ALSO DUG.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... GNEISS

PERTINENT MINERALOGY..... QUARTZ, FELDSPAR

IMPORTANT ORE CONTROL/LOCUS.. VEINS?

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: LOVINGSTON FORMATION  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 FAULTS ?

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO BEDROCK WAS EXPOSED AT THE MINE. GEOLOGY IN THE MINE IS UNKNOWN.

GENERAL REFERENCES  
 1) ECONOMIC GEOLOGY FILE - VIRGINIA DIVISION OF MINERAL RESOURCES.

### ORANGE COUNTY

#### AMBLER MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000425  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-023  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... AMBLER MINE  
 SYNONYM NAME..... AMLER MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 45

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
 38-19-07N 077-44-36W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4244510. 260150. +18

ALTITUDE.. 335 FT (102 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.7 MI SW OF WILDERNESS , 3.1 KM (1.9 MI) WSW OF WILDERNESS CORNER.

LOCATION COMMENTS: 0.2 KM (0.1 MI) SSE OF VA HWY 20. 1.53 KM (0.95 MI) BY

ROAD SW OF JUNCTION WITH VA HWY 3. LOCATED WITHIN FREDERICKSBURG-SPOTSYLVANIA NATIONAL MILITARY PARK.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

COMMODITY COMMENTS:  
 THE GOLD OCCURS WITH THE PYRITE

#### MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 PRIOR TO CIVIL WAR, 2-STAMP MILL WAS OPERATED.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PRIOR TO CIVIL WAR MINE WAS DEVELOPED BY MEANS OF TWO SHAFTS  
 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 IN 1865 CREDNER REPORTED TWO SETS OF STAMPS, T ROLLERS AND AN ENGINE WERE PRESENT, THOUGH WORTHLESS

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):  
 TWO SHAFTS SUNK PRIOR TO CIVIL WAR CAVED IN BY 1865. IN 1974, A CAVED PIT AND TRENCH AND SMALL DUMPS WERE FOUND.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 PRODUCTION COMMENTS..... NO INFORMATION CONCERNING THE AMOUNT OF GOLD OR ORE PRODUCED

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-BIOTITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, PYRITE

#### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 CREDNER STATES THE EXTENT OF FORMER OPERATIONS COULD NOT BE ASCERTAINED EITHER BY EXAMINATION OF THE MATERIAL ON THE DUMP, OR BY INQUIRIES OF THE INHABITANTS OF THE NEIGHBORHOOD.

#### GENERAL REFERENCES

- 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 8
- 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 3) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.

#### AMLER MINE (See Ambler Mine)

#### CHICAGO-VIRGINIA TRACT (See Old Tinder Mine)

#### COALTER'S MINE (See Woodville Mine)

#### COULTER'S MINE (See Woodville Mine)

#### DICKEY TRACT MINE

RECORD IDENTIFICATION  
 RECORD NO..... W030528  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... DICKEY TRACT MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA  
 LATITUDE LONGITUDE  
 38-16-48N 077-51-43W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4240540. 249650. +18  
 ALTITUDE.. 375 FT (114 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3.30 KM (2.05 MI) NW OF MINE RUN.  
 LOCATION COMMENTS: 0.08 KM (0.05 MI) OFF NE SIDE OF STATE ROAD 692, 0.88 KM (0.55 MI) BY ROAD SE OF JUNCTION WITH STATE HWY. 20.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU CU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... CU PYR  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, CHALCOPYRITE, PYRITE  
 MAIN ORE MINERALS:  
 NATIVE GOLD  
 MINOR ORE MINERALS:  
 CHALCOPYRITE, PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1880'S  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1900  
 PRESENT/LAST OWNER..... A.E. FISHER  
 PRESENT/LAST OPERATOR.... LUCKY HUNDRED MINERAL AND MINING CORP.  
 WORK DONE BY OTHER ORGANIZATIONS.  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL GOLD RUN MINING CO.: SANK SHAFT (PRIOR TO 1906)  
 2) 1957 DIREXPL LUCKY HUNDRED MINERAL AND MINING CORP: PLACER EXPLORATION.  
 3) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.  
 EXPLOR. AND DEVELOP. COMMENTS:  
 GOLD RUN MINING CO. OPERATED PROPERTY SOMETIME AFTER 1883 UNTIL SELLING TO PIEDMONT MINING AND METALLURGICAL CORP. IN 1907. THE LATTER OPERATED UNTIL 1910.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR (PLACER)  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 MOST OF AREA WAS COVERED BY BEAVER POND, THOUGH SOME DUMPS REMAINED VISIBLE IN 1974  
 PRODUCTION  
 YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
15 AU	SML			LATE 1800'S		
16 AU	SML			1907-1910		

SOURCE OF INFORMATION (PRODUCTION).. SWEET (1975)  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST, GRANODIORITE  
 AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES..... GRANODIORITE  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 GEOLOGY OF DEPOSIT POORLY DESCRIBED IN LITERATURE. ELLISVILLE GRANODIORITE IS LONSDALE'S (1927) LOCUST GROVE GRANITE.

GENERAL COMMENTS  
 AS THIS TRACT WAS PART OF THE LARGER TRACT PURCHASED BY PIEDMONT MINING & METALLURGICAL CORP ALONG WITH MORE IMPORTANT GRASTY TRACT, DESCRIPTIONS OF DICKEY TRACT OFTEN INCLUDED UNDER GRASTY TRACT.

- GENERAL REFERENCES  
 1) SWEET, P.C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, V. 21, NO. 1, P. 1-9  
 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 3) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA., J.P. BELL CO., 618 P.  
 4) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 30, 110 P.

GORDON'S, H., PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W030529  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... GORDON'S, H., PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA  
 LATITUDE LONGITUDE  
 38-20-54N 077-45-43W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4247870. 258640. +18  
 ALTITUDE.. 340 FT (104 M), 330 FT (101 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: IN LAKE OF THE WOODS SUBDIVISION.  
 LOCATION COMMENTS: JUST EAST OF JUNCTION OF LIBERTY BLVD. AND WAKEFIELD DRIVE AND JUST SW OF HARRIS FERRY DRIVE ABOUT 0.2 KM (0.1 MI) BY ROAD SE OF ITS JUNCTION WITH LAKEVIEW PARKWAY (UTM N 4247540., E 258480., ZONE +18).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... LAKE OF THE WOODS SUBDIVISION  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED PIT, FOUR TRENCH CUTS, AND QUARTZ DUMPS EVIDENT.  
 PRODUCTION  
 NO PRODUCTION  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GRANODIORITE (?)  
 AGE OF ASSOC. IGNEOUS ROCKS. EPAL

IGNEOUS ROCK TYPES..... GRANODIORITE (7)  
 PERTINENT MINERALOGY..... QUARTZ, SPECULAR HEMATITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

LONSDALE (1927) MAPPED ELLISVILLE GRANODIORITE AS LOCUST GROVE GRANITE.  
 GEOLOGY FOR THIS DEPOSIT NOT DESCRIBED.

GENERAL COMMENTS

ON STRIKE WITH PARTRIDGE MINE.

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927. GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 30, 110 P.
- 2) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

### GRASTY TRACT MINE

RECORD IDENTIFICATION

RECORD NO..... W000410  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HK-004  
 MAP CODE NO. OF REC...

REPORTER

NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... GRASTY TRACT MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA

LATITUDE LONGITUDE  
 38-16-45N 077-51-43W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4240470. 249650. +18

ALTITUDE.. 410 FT (125 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.30 KM (2.05 MI) NW OF MINE RUN.

LOCATION COMMENTS: 0.12 KM (0.08 MI) OFF SW SIDE OF STATE ROAD 692, 0.88 KM (0.55 MI) BY ROAD SE OF JUNCTION WITH STATE HWY 20.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

COMMODITY COMMENTS:

THERE ARE THREE OR MORE QUARTZ VEINS

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:

ROASTING STACK ERECTED IN 1832 (STILL STANDING)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1831  
 PRESENT/LAST OWNER..... A E FISHER  
 PRESENT/LAST OPERATOR.... LUCKY HUNDRED MINERAL AND MINING CORP

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1831 DIREXPL VIRGINIA MINING CO: INITIAL DEVELOPMENT, WORKED MINE UNTIL 1834, FOLLOWED BY OTHER COMPANIES (SEE BELOW)  
 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:

THE VIRGINIA MINING CO. THE FIRST INCORPORATED GOLD MINING COMPANY IN VA. OPERATED HERE FROM 1831 TO 1843. THE CHANCELLORSVILLE-FREEHOLD MINING CO. OPERATED THE MINE FROM 1853 TO 1857, THE CHICAGO-VIRGINIA GOLD MINING CO. FROM 1879 TO 1881, THE AMERICAN GOLD MINING CO. FROM 1881 TO 1883, AND THE GOLD RUN MINING CO., OPERATING DATES UNKNOWN, THE PIEDMONT MINING AND METALLURGICAL CORP. BOUGHT THIS TRACT AND THE DICKEY AND OLD TINDER TRACTS IN 1907, OPERATING UNTIL 1910. AFTER WORLD WAR I, SOME LOCAL DEVELOPMENT AND EXPLORATION WORK WAS DONE. AROUND 1957, THE LUCAS HUNDRED MINERAL AND MINING CORP. ATTEMPTED SOME SMALL SCALE PLACER MINING, THE LAST PROSPECTING ATTEMPT ON THIS TRACT.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 LENGTH OF WORKINGS..... 427 M

COMMENTS(DESCRIP. OF WORKINGS):

IN ADDITION TO ABOVE 176 M OF SHAFTING SUNK FOR A TOTAL OF 15 SHAFTS. (ALL FIGURES INCLUDE WORKINGS ON DICKEY AND OLD TINDER TRACTS, 11 OF 15 SHAFTS WERE ON GRASTY TRACT. IN 1974, NUMEROUS CAVED SHAFTS AND PITS, AN OLD ROASTING STACK, AND DUMPS WERE EVIDENT.

PRODUCTION

YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE	SML				AU: \$4.13 TO \$201.67 PER TON

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE AU	SML			1831-1857	AU: \$6 TO \$32 PER TON
16 ORE	SML			1907-1910	AU: \$4.13 TO \$201.67 PER TON

PRODUCTION YEARS..... 1831-1910

SOURCE OF INFORMATION (PRODUCTION).. LONSDALE REFERENCE. , WATSON (1907)

PRODUCTION COMMENTS.... SEVERAL THOUSAND TONS OF ORE WORKED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST, GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
 IGNEOUS ROCK TYPES..... GRANODIORITE

PERTINENT MINERALOGY..... QUARTZ, PYRITE, CHALCOPYRITE

GEOLOGICAL DESCRIPTIVE NOTES. THE CONTACT BETWEEN THE GRANITE AND SCHIST PASSES THROUGH THE PROPERTY.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

GEOLOGY OF DEPOSIT POORLY DESCRIBED IN LITERATURE; ELLISVILLE GRANODIORITE IS EQUIVALENT TO THE LOCUST GROVE GRANIT OF LONSDALE (1927).

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 80.
- 2) WATSON, T.L., 1907, MINERAL RESOURCES OF VA., P. 555-557
- 3) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 57-58
- 4) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, IN PRESS.
- 5) SWEET, P.C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 21, NO. Y, P. 1-9.

### GREENWOOD PROSPECT

RECORD IDENTIFICATION

RECORD NO..... W000423  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-021  
 MAP CODE NO. OF REC...

REPORTER

NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... GREENWOOD PROSPECT  
 SYNONYM NAME..... LAIRD PROPERTY PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
 38-20-35N O77-43-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4247180. 261930. +18

ALTITUDE.. 275 FT (84 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.66 KM NW OF WILDERNESS CORNER.

LOCATION COMMENTS: ALONG A TRIBUTARY OF WILDERNESS RUN, 1.37 KM (0.85 MI) DOWN A WOODS ROAD OFF EAST SIDE OF STATE ROAD 667, 0.8 KM (0.5 MI BY ROAD NE OF JUNCTION WITH STATE HWY.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU PB CU

MAIN COMMOD..... AU  
 MINOR COMMOD..... PB CU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, GALENA, CHALCOPYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... L KING & C B KING, JR  
 PRESENT/LAST OPERATOR..... MELBA MINING CO (P G BENEDUM INTERESTS)

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1934 DIREXPL MELBA MINING CO: INSUFFICIENT GOLD LOCATED FOR CONTINUED OPERATION.  
 2) 1974 RECON VA DIV MIN RES: SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:

PROPERTY WAS DEVELOPED IN 1934-1935 BY THE MELBA MINING CO. WORKINGS CONSIST OF A SHAFT WITH TWO CROSSCUTS DRIVEN EASTWARD AND WESTWARD AND PITS. NO WELL-DEFINED MINERALIZED ZONE WAS FOUND AND THE PROPERTY WAS ABANDONED EARLY IN SEPTEMBER 1935.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: POD/LENS, IRREGULAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 96.6 M  
 LENGTH OF WORKINGS..... 122 M

COMMENTS(DESCRIP. OF WORKINGS):

96.6 M SHAFT SUNK, TWO 61 M CROSSCUTS DRIVEN AT 9° M LEVEL. FOUR LARGE PITS, TWO HILLSIDE CUTS, REMAINS OF PLANT EQUIPMENT, AND SCATTERED QUARTZ EVIDENT IN 1974.

PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS..... NO RECORD OF ANY PRODUCTION, SO NOT KNOWN IF IT EVER PRODUCED OR NOT. HOWEVER, PARDEE AND PARK (1948) STATE THAT THE RESULTS OF THE DEVELOPMENT WORK WERE DISCOURAGING; NO DEFINED ZONE OF MINERALIZATION AND LITTLE GOLD.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-BIOTITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS

PROSPECT ABANDONED IN SEPT 1935.

GENERAL REFERENCES

- 1) PARDEE, J T AND PARK, C F, JR, 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: US GEOL SURV PROF PAPER 213, 156 P
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 58
- 3) SWEET, P C, 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P

GRIMES MINE (See Vaucluse Mine)

GRYMES MINE (See Vaucluse Mine)

INDIAN TOWN PROSPECT

RECORD IDENTIFICATION

RECORD NO..... W031166  
 RECORD TYPE..... XIM  
 INFORMATION SOURCE..... 35  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER

NAME..... TRIMB  
 LE, DAVID C. (SWEET, PALMER C.)  
 AFFILIATION..... VDMR  
 DATE..... 81  
 05

NAME AND LOCATION

DEPOSIT NAME..... INDIAN TOWN PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD - PYRITE BELT

COUNTRY CODE..... US

STATE CODE..... VA

COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA. (1969)

LATITUDE LONGITUDE  
 38-21-54N O77-48-03W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4249830 255300 +18

ALTITUDE.. 95 M

ACCURACY OF LOCATION  
 ACCURATE

POSITION FROM NEAREST PROMINENT LOCALITY: 0.5 KM (0.3 MI) SOUTHWEST OF INDIAN TOWN.

LOCATION COMMENTS: APPROXIMATELY 0.7 KM (0.45 MI) NORTH ON STATE ROAD 603 FROM ITS INTERSECTION WITH STATE ROAD 614, TO A FIELD GATE ON THE WEST SIDE OF 603; MINE IS ABOUT 260 M (853 FT) WEST OF GATE THROUGH THE FIELD UNDER A LARGE OAK TREE.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD ?

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY..... PRE-1880  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... JERE WILLIS

EXPLOR. AND DEVELOP. COMMENTS:

YEAR (S) OF OPERATION UNKNOWN. AN OAK TREE NOW GROWING ON THE OLD DUMP HAS AT LEAST A 1.0 M (3 FT) DIAMETER. SO MINE WAS OPERATED OVER 100 YEARS AGO.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 LODE, VEIN  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 SOME PIECES OF QUARTZ AND SCHIST WERE SEEN ON THE DUMP.

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

TWO PITS WHICH ARE PROBABLY CAVED SHAFTS WERE SEEN IN 1981. ONE PIT IS 6 M (20 FT) IN DIAMETER AND 3 M (10 FT) DEEP. THE OTHER PIT IS 9 M (30 FT) IN DIAMETER AND 4 M (13 FT) DEEP.

PRODUCTION

UNDETERMINED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL (?)  
 HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. VEIN  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 AGE: EPAL (?)

COMMENTS (GEOLOGY AND MINERALOGY):  
 NO MODERN GEOLOGICAL WORK HAS BEEN DONE IN THE AREA.

GENERAL REFERENCES

- 1) WILLIS, JERRY, 1981, VIRGINIA DIVISION OF MINERAL RESOURCES, PERSONAL COMMUNICATION.
- 2) ECONOMIC GEOLOGY FILE (ORANGE CO.) - VDMR

**JONES PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W000409  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HK-003  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... JONES PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION.. O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA  
 LATITUDE LONGITUDE  
 38-21-10N 077-48-49W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4248500. 254140. +18

ALTITUDE.. 310 FT (95 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 4.26 KM (2.65 MI) SW OF FLAT RUN.

LOCATION COMMENTS: AT END OF STATE ROAD 685 EXTENDED, 1.05 KM (0.65 MI) EAST OF JUNCTION WITH STATE 603.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY..... 1915(?)  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

- YEAR WORK TYPE ORGANIZATION AND RESULTS
- 1) 1915 DIREXPL SUNK 2 SHAFTS
  - 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX THICKNESS..... 0.9 M  
 STRIKE OF OREBODY..... N 45 DEG E  
 DIP OF OREBODY..... HIGH TO EAST

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 9.1 M

COMMENTS (DESCRIP. OF WORKINGS):

2 SHAFTS, 9.1 AND 7.9 M (30 AND 26 FT) DEEP, WERE SUNK ON A 1 M (3 FT) VEIN IN 1915. IN 1974, TWO CAVED DEPRESSIONS POSSIBLY REPRESENTING AN OLD PIT AND SHAFT(S) WERE EVIDENT.

PRODUCTION

NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS..... NO PRODUCTION REPORTED. ORE VALUES OF \$32 PER TON WERE REPORTED THROUGH.

GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE SCHIST AND VEIN STRIKE N 45 DEG. E AND DIP STEEPLY TO THE EAST.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS

GENERAL COMMENTS

A SMALL AMOUNT OF PROSPECTING WAS DONE IN 1915. 30-FT. AND 26-FT. SHAFTS WERE SUNK ON THE 3-FT. VEIN. VALUES OF \$32. PER TON WERE REPORTED.

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P 80-81.
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 75.
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P

**LAIRD PROPERTY PROSPECT  
 (See Greenwood Prospect)**

**MELVILLE MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000419  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-017  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION

DEPOSIT NAME..... MELVILLE MINE  
 SYNONYM NAME..... RAPIDAN MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION.. O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
 38-21-38N 077-43-29W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4249140. 261930. +18

ALTITUDE.. 300 FT (91 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3 MI. N.W. OF THE WILDERNESS STORE ON THE FREDRICKSBURG-CULPEPER HIGHWAY.

LOCATION COMMENTS: 91 M (300 FT) OFF WEST SIDE OF STATE ROAD 667 EXTENDED, 3.6 KM (2.3 MI) BY ROAD NORTH OF JUNCTION WITH STATE HWY 3.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU ZN PB CU PYR PYR1 AS

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... ZN PB CU PYR AS

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE, SPHALERITE, GALENA, CHALCOPYRITE, ARSENOPYRITE

COMMODITY COMMENTS:

THE SHEAR ZONE HAS BEEN PROSPECTED FROM THE RAPIDAN RIVER TO MORE THAN 1000 FT. SOUTH OF THE MINE AREA. GOLD IS CONTAINED IN THE PYRITE.

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:

FLOTATION MILL CAPABLE OF HANDLING MAXIMUM OF 75 T PER DAY ERECTED. MILL

OLD TINDER MINE

RECOVERS MORE THAN 90 PFR CENT OF GOLD.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1865  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1800'S  
 PRESENT/LAST OWNER..... S F COOKE, JR  
 PRESENT/LAST OPERATOR.... RAPIDAN GOLD CORP.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1800S DIREXPL DETAILS OF WORKINGS UNKNOWN  
 2) 1934 DIREXPL RAPIDAN GOLD CORP: SANK 2 SHAFTS, MINED, MILLED, AND SHIPPED GOLD ORE.  
 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 THE MINE WAS ORIGINALLY WORKED IN THE 1800'S. IN 1922, EXPERIMENTS WERE CONDUCTED AT MINE TO DETERMINE BEST ORE TREATMENT PROCEDURE. UNDERGROUND WORK WAS DISCONTINUED IN NOV 1935 AND THE MINE WAS LAST WORKED IN 1938.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, REPLACEMENT  
 FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DEPTH TO TOP..... 0 FT. M  
 MAX THICKNESS..... 18.3 M  
 STRIKE OF OREBODY..... N 30 DEG. E  
 DIP OF OREBODY..... 85 DEG E  
 PLUNGE OF OREBODY..... 35 DEG  
 DIRECTION OF PLUNGE.. NE

COMMENTS(DESCRIPTION OF DEPOSIT):  
 THE GOLD WAS SAID TO BE ENCLOSED IN COARSE-GRAINED PYRITE IN QUARTZ VEINS AND LENSES THAT OCCUR ALONG A MINERALIZED SHEAR ZONE 18.3 M (60 FT) WIDE IN CHLORITIC QUARTZ-BIOTITE SCHIST( SEE PARDEE AND PARK FOR A DETAILED DESCRIPTION OF THE DEPOSIT).

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 33.5 & 67. M  
 LENGTH OF WORKINGS..... 549 M

COMMENTS(DESCRIP. OF WORKINGS):  
 CREDNER REPORTED A SHAFT 52 M (72 FT) DEEP HAD BEEN FILLED IN WITH DEBRIS AND A DETERIORATING STAMP-MILL WERE PRESENT IN 1865. IN 1971, ONE CAVED SHAFT, NUMEROUS CAVED PITS, DUMPS, CONCRETE FOUNDATIONS, BRICK ROASTING-STACK AND SEVERAL LARGE (42 INCHES IN DIAMETER AND 14 INCHES THICK) GRANITE, WHEEL-SHAPED STONES, USED IN CHILEAN MILLS TO CRUSH ORE, WERE SEEN. THE MINE CONTAINED TWO SHAFTS 38 AND 73 M (125 AND 240 FT) DEEP. A LEVEL AT THE 33.5-M (110-FT) LEVEL CONNECTED THE TWO SHAFTS, AND A 61-M (200-FT) LEVEL HAD BEEN DRIVEN FROM THE DEEPER SHAFT. THE TOTAL LENGTH OF THE DRIFTS ACCESSIBLE IN 1935 WAS ABOUT 549 M (1800 FT)!

PRODUCTION

YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1	AU	ACC	0000.529	TOZ	1934 VALUED AT \$18,489

SOURCE OF INFORMATION (PRODUCTION).. PARDEE AND PARK REFERENCE

PRODUCTION COMMENTS.... NO EARLY RECORDS OF PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-BIOTITE-CHLORITE SCHIST,  
 QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, ANKERITE, SERICITE, PYRRHOTITE

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NORTHEAST-SOUTHWEST, COLUMBIA SYNCLINE TO THE EAST.  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
 SMALL FAULTS IN THE MINE WORKINGS . SCHISTOSITY OF SCHIST STRIKES N40DEGE AND DIPS 700 EG NW

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 DOWNWARD MOVING SOLUTIONS . HAVE NOT AFFECTED DEEPER ORES.

COMMENTS (GEOLOGY AND MINERALOGY):  
 READY ACCESS FOR SOLUTIONS AFFORDED BY FAULTS AND FRACTURES . QUARTZ-CHLORITE SCHIST BECOMES MORE SERICITIZED AS THE MINERALIZED ZONE IS ENCOUNTERED AND BECOMES MORE SILICIFIED

GENERAL REFERENCES

- 1) PARDEE, J.T., AND PARK, C.F., 1948, U.S.G.S. PROF. PAPER 213, PP 57-59, PL 20.
- 2) PARK, C.F., JR., 1936, PRELIMINARY REPORT ON GOLD DEPOSITS OF THE VIRGINIA PIEDMONT: VIRGINIA GEOL SURV BULL 44, 42 P
- 3) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 82.
- 4) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 5) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, VOL. 17, NO. 3, P. 25-35.
- 6) CREDNER, H., 1968, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.
- 7) SWEET, P.C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 21, NO. 1, P. 1-9.

RECORD IDENTIFICATION  
 RECORD NO..... W030530  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBT. E.  
 DATE..... 79  
 07  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... OLD TINDER MINE  
 SYNONYM NAME..... CHICAGO-VIRGINIA TRACT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 MINE RUN, VA

LATITUDE LONGITUDE  
 38-16-41N 077-51-55W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4240350. 249370. +18

ALTITUDE.. 430 FT (131 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.3 KM (2.05 MI) NW OF MINE RUN.

LOCATION COMMENTS: 0.24 KM (0.15 MI) OFF SW SIDE OF STATE ROAD 692, 0.88 KM (0.55 MI) BY ROAD SE OF JUNCTION WITH STATE HWY 20.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU CU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... CU PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, CHALCOPYRITE, PYRITE

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 CHALCOPYRITE, PYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1870'S  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1879  
 PRESENT/LAST OWNER..... A.E. FISHER  
 PRESENT/LAST OPERATOR.... PIEDMONT MINING AND METALLURGICAL CORP.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1879 DIREXPL CHICAGO-VIRGINIA GOLD MINING CO.: OPERATED UNTIL 1881  
 2) 1881 DIREXPL AMERICAN GOLD MINING CO.: OPERATED UNTIL 1883  
 3) 1907 DIREXPL PIEDMONT MINING & METALLURGICAL CO.: BOUGHT THIS TRACT ALONG WITH DICKEY AND GRASTY TRACTS, OPERATED UNTIL 1910.

EXPLOR. AND DEVELOP. COMMENTS:  
 PIEDMONT MINING & METALLURGICAL CO. APPARENTLY CONCENTRATED ON GRASTY AND DICKEY TRACTS AS NO RECORDED WORK AT OLD TINDER SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 THREE SHAFTS SUNK DURING PERIOD 1879-1883. IN 1974, RECONNAISSANCE BY VA. DIV. MIN. RES. DISCLOSED THREE CAVED SHAFTS, A CAVED PIT AND COVERED DUMPS

PRODUCTION  
 YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERRUR )

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
15 AU SML 1879-1883

SOURCE OF INFORMATION (PRODUCTION)... SWEET (1975), WATSON (1907)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST, GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
IGNEOUS ROCK TYPES..... GRANODIORITE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
1) NAME: ELLISVILLE GRANODIORITE  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
GEOLOGY OF DEPOSIT POORLY DESCRIBED IN LITERATURE. ELLISVILLE GRANODIORITE IS LONSDALE'S (1927) LOCUST GROVE GRANITE.

GENERAL COMMENTS  
AS THIS TRACT WAS PART OF THE LARGER TRACT PURCHASED BY PIEDMONT MINING & METALLURGICAL CORP. ALONG WITH MORE IMPORTANT GRASTY TRACT, DESCRIPTIONS OF OLD TINDER, OFTEN INCLUDED UNDER GRASTY TRACT.

GENERAL REFERENCES  
1) LONSDALE, J.T., 1927. GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.  
2) SWEET, P.C., 1975. ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, V. 21, NO. 1, P. 1-9.  
3) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
4) WATSON, T.L., 1907. MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, U.P. BELL CO., 618 P.

ORANGE GROVE PROSPECT

RECORD IDENTIFICATION  
RECORD NO. .... W030531  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D. C. LEVAN), ROBERT E.  
DATE..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME..... ORANGE GROVE PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... ORANGE  
DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 MINE RUN, VA.

LATITUDE LONGITUDE  
38-20-06N 077-46-04W

UTM NORTHING UTM EASTING UTM ZONE NO  
4246420. 258070. +18

ALTITUDE.. ABOUT 320 FT (98 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.0 KM (3.1 MI) NE OF LOCUST GROVE.

LOCATION COMMENTS: NEAR 1974 LOCATION OF BOAT RAMP ON LAKE OF THE WOODS.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... LAKEWOODS LTD.

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: LOCATED SITE.

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
PROBABLY VEIN

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS.... NO INFORMATION FOUND ON WHETHER THERE WAS ANY PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
IGNEOUS ROCK TYPES..... GRANODIORITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
1) NAME: ELLISVILLE GRANODIORITE  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
GEOLOGY EXTRAPOLATED FROM LONSDALE (1927). ELLISVILLE GRANODIORITE IS LONSDALE'S (1927) LOCUST GROVE GRANITE.

GENERAL COMMENTS  
NO INFORMATION IN LITERATURE FOR THIS PROSPECT EXCEPT THE MENTION OF ITS EXISTENCE.

GENERAL REFERENCES  
1) LONSDALE, J.T., 1927. GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.  
2) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

PARTRIDGE MINE

RECORD IDENTIFICATION  
RECORD NO. .... W000420  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-018  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... WRIGH  
T, NANCY A.  
DATE..... 72  
05  
UPDATED..... 79  
07  
BY..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... PARTRIDGE MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... ORANGE  
DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
38-21-26N 077-44-54W

UTM NORTHING UTM EASTING UTM ZONE NO  
4248830. 259860. +18

ALTITUDE.. 330 FT (101 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.1 KM (3.2 MI) NW OF WILDERNESS CORNER

LOCATION COMMENTS: ON BOTH SIDES OF THE RAPIDAN-STRATFORD PARK ROAD, 0.8 KM (0.5 MI) BY ROAD NNE OF JUNCTION WITH STATE HWY 3.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU AG

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU  
MINOR PRODUCTS.. AG

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. 1921  
PRESENT/LAST OWNER..... LAKEWOODS LTD

WORK DONE BY OTHER ORGANIZATIONS
YEAR WORK TYPE ORGANIZATION AND RESULTS
1) 1921 DIREXPL GOLD AND SILVER MINED
2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):
IN 1974, A CAVED SHAFT, THREE CAVED PITS AND DUMPS WERE LOCATED.

PRODUCTION
YES
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

Table with 6 columns: ITEM, ACC, AMOUNT THOUS. UNITS, YEAR, GRADE, REMARKS. Rows for AU and AG.

PRODUCTION YEARS..... 1921

SOURCE OF INFORMATION (PRODUCTION).. DUNLOP (1924)

PRODUCTION COMMENTS.... PRODUCTION WAS FROM OPEN CUTS IN 1921. NOTHING IS KNOWN ABOUT PRODUCTION IN EARLIER OR LATER YEARS.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL
HOST ROCK TYPES..... GRANDIODORITE

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL
IGNEOUS ROCK TYPES..... GRANDIODORITE

PERTINENT MINERALOGY..... QUARTZ SPECULAR HEMATITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY
MAJOR REGIONAL STRUCTURES.. NE-SW TREND
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: ELLISVILLE GRANDIODORITE
AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES
1) NAME: ELLISVILLE GRANDIODORITE
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

ELLISVILLE GRANDIODORITE IS LONSDALE'S (1927) LOCUST GROVE GRANITE.

GENERAL COMMENTS

VERY LITTLE IS KNOWN ABOUT THE HISTORY OF THIS MINE

GENERAL REFERENCES

- 1) DUNLOP, J P. 1924. GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES, IN MINERAL RESOURCES OF THE UNITED STATES, 1921, PART 1, METALS: U S GEOLOGICAL SURVEY, P 7-14.
2) LONSDALE, J.T., 1927. VA. GEOL. SURVEY BULL. 30, P. 83
3) SWEET, P C. 1975. ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, V 21, NO 1, P 1-9.
4) SWEET, P C. 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

PROSPECT (A) (ORANGE CO.)

RECORD IDENTIFICATION
RECORD NO..... W030532
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION.. USGS
INFORMATION SOURCE... 1,3
FILE LINK ID..... VDMR
MAP CODE NO. OF REC..

REPORTER
NAME..... MEINT
ZER (D.C. LE VAN), ROBT. E.
DATE..... 79
07

NAME AND LOCATION
DEPOSIT NAME..... PROSPECT (A) (ORANGE CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES

STATE CODE..... VA
STATE NAME: VIRGINIA

COUNTY..... ORANGE
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER
PHYSIOGRAPHIC PROV..... 02 PIEDMONT
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
1: 24000 CHANCELLORSVILLE, VA.

LATITUDE LONGITUDE
38-19-16N 077-44-27W

UTM NORTHING UTM EASTING UTM ZONE NO
4244790. 260390. +18

ALTITUDE.. 360 FT (110 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.7 KM (1.7 MI) WEST OF WILDERNESS CORNER.

LOCATION COMMENTS: ON NORTH SIDE OF STATE HWY. 20, 1.2 KM (0.8 MI) BY SW OF JUNCTION WITH STATE HWY 3.

COMMODITY INFORMATION
COMMODITIES PRESENT..... AU
MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1
NATURE OF DISCOVERY..... A
PRESENT/LAST OWNER..... R.S. COLEMAN

WORK DONE BY OTHER ORGANIZATIONS
YEAR WORK TYPE ORGANIZATION AND RESULTS
1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
PROBABLY VEIN
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):
IN 1974, FIVE CAVED PITS AND COVERED DUMPS NOTED.

PRODUCTION
NO PRODUCTION

PRODUCTION COMMENTS.... IT IS DOUBTFUL THERE WAS ANY PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL
HOST ROCK TYPES..... MICA SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY
MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: CHOPAWAMSIK FORMATION
AGE: EPAL

GENERAL COMMENTS

NOTHING IS KNOWN OF HISTORY OF THIS PROSPECT. THIS UNNAMED PROSPECT WAS LOCATED AND DESIGNATED AS "PROSPECT (A)" BY SWEET (1980). AS OF 7/79, NO CORRELATION WITH ANY NAMED PROSPECT OR MINE HAS BEEN MADE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1975. ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, V. 21, NO. 1, P. 1-9.
2) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

RAPIDAN MINE (See Melville Mine)

SAUNDERS PROSPECT

RECORD IDENTIFICATION
RECORD NO..... W000441
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION.. USGS
INFORMATION SOURCE... 13
FILE LINK ID..... VDMR
DEPOSIT NO..... HL-002
MAP CODE NO. OF REC..

REPORTER
NAME..... WRIGHT
T, NANCY A.
DATE..... 72
05
UPDATED..... 79
07
BY..... MEINT
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION
DEPOSIT NAME..... SAUNDERS PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES

STATE CODE..... VA
STATE NAME: VIRGINIA



COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAHORE, VA

LATITUDE LONGITUDE  
 38-13-53N 077-54-28W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4235290. 245470. +18

ALTITUDE.. 400 FT (122 M)/330 FT (101 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 KM (1.4 MI) NE OF VULCAN

LOCATION COMMENTS: 0.24 KM (0.15 MI) OFF SW SIDE OF STATE ROAD 619, 1.3 KM (0.8 MI) BY ROAD SE OF JUNCTION WITH STATE ROAD 624. ADDITIONAL SITE: UTM N 4234960., E 245200. (ZONE +18).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN /SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, A CAVED SHAFT(?), FIVE CAVED PITS AND TRENCHES, AND DUMPS WERE OBSERVED.

PRODUCTION  
 NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL(?)  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES..... GRANODIORITE

PERTINENT MINERALOGY..... QUARTZ, TOURMALINE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: ELLISVILLE GRANODIORITE  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 SCHIST POSSIBLY OF CANDLER FORMATION

GENERAL COMMENTS  
 THERE IS VERY LITTLE INFORMATION AVAILABLE CONCERNING THIS PROSPECT.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 2) PARDEE, J. T., AND PARK, C. F., 1948, USGS PP 213, P. 54  
 3) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VDMR, MIN. RES. REPT. 7, 124 P.

**SELDON PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W000443  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE..... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-004  
 MAP CODE NO. OF REC.....

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05

UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... SELDON PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAHORE, VA

LATITUDE LONGITUDE  
 38-13-57N 077-52-33W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4235330. 248270. +18

ALTITUDE.. 415 FT (127 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 4.6 KM (2.9 MI) NE OF VULCAN.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF EAST SIDE OF STATE ROAD 692, 1.05 KM (0.65) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 619.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... R W DENISE

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN /SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 CAVED PIT AND SCATTERED DUMP MATERIAL VISIBLE IN 1974

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 THERE IS VERY LITTLE INFORMATION AVAILABLE CONCERNING THIS PROSPECT.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 2) PARDEE, J. T., PARK, C. F., 1948, U.S.G.S. P.P. 213, P. 54

**SOMERVILLE PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W030533  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE..... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC.....

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... SOMERVILLE PROSPECT  
 SYNONYM NAME..... SOMMERSVILLE PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... 00  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA  
 LATITUDE LONGITUDE  
 38-19- N 077-44- W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 POSITION FROM NEAREST PROMINENT LOCALITY: JUST WEST OF WILDERNESS (EXACT LOCATION UNDETERMINED).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 NATIVE GOLD (?)  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY..... PRIOR TO 1840  
 NATURE OF DISCOVERY..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN  
 PRODUCTION  
 NO PRODUCTION  
 PRODUCTION COMMENTS.... PRODUCTION IS DOUBTFUL

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS  
 TOWN OF SOMERVILLE LOCATED ABOUT 26 KM TO THE NW IN FAUQUIER COUNTY. UNIDENTIFIED PROSPECT (SEE UNDER PROSPECT (A) (ORANGE COUNTY)) LIES 2.7 KM WEST OF WILDERNESS. OTHER THAN THE LOCATION MARKED ON AN OLD MAP, NOTHING ELSE IS KNOWN OF THIS PROSPECT.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES. PUBLICATION 19. 77 P.

**SOMMERVILLE PROSPECT**  
 (See Somerville Prospect)

**STEWART MINE (See Stuart Prospect)**

**STUART PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W000440  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-001  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... STUART PROSPECT  
 SYNONYM NAME..... STEWART MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 LAHORE, VA  
 LATITUDE LONGITUDE  
 38-13-37N 077-56-12W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4234870. 242930. +18  
 ALTITUDE.. 400 FT (122 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.85 KM (1.15 MI) NW OF VULCAN.  
 LOCATION COMMENTS: JUST EAST OF RIGA RUN, 1.05 KM (0.65 MI) EAST OF U S HWY 522, 1.6 KM (1.0 MI) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 650.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY..... JANUARY 13, 1897  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... WILLIAM STEWART  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN /SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND IN 1974, A CAVED SHAFT, CAVED PIT, SEVERAL SMALL CUTS AND TRENCHES, AND DUMPS WERE SEEN.

PRODUCTION  
 UNDETERMINED  
 GEOLOGY AND MINERALOGY  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS

COMMENTS (GEOLOGY AND MINERALOGY):  
 FORMATION MAY BE CANDLER.

GENERAL COMMENTS  
 THERE IS ALMOST NO INFORMATION AVAILABLE CONCERNING THIS MINE, AND NO INDICATION OF WHETHER OR NOT IT EVER PRODUCED.

GENERAL REFERENCES  
 1) LUTTRELL, G. W., 1966. VA. MIN. RES. REPORT 7. P. 124  
 2) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES. PUBLICATION 19. 77 P  
 3) CLINE, J. H., WATSON, T. E., AND WRIGHT, F. J., 1921, A GEOLOGIC MAP OF THE GOLD-PYRITE BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VA. DIV. MIN. RES.

**VAUCLUSE MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000421  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-019  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... VAUCLUSE MINE  
 SYNONYM NAME..... GRIMES MINE, GRYMES MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... ORANGE  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA  
 LATITUDE LONGITUDE  
 38-21-14N 077-43-44W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4248390. 261560. +1B  
 ALTITUDE.. 300 FT (91 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 3.8 KM (2.4 MI) NW OF WILDERNESS CORNER.  
 LOCATION COMMENTS: 0.24 KM (0.15 MI) ALONG A WOODS ROAD OFF WEST SIDE OF STATE ROAD 667 EXTENDED, 2.7 KM (1.7 MI) BY STATE ROAD 667 NNE OF JUNCTION WITH STATE HWY 3.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR CU PB  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR CU PB  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE, MARCASITE, CHALCOPYRITE, GALENA  
 MINERAL ECONOMICS FACTORS  
 ECONOMIC COMMENTS:  
 IN 1930'S TOTAL DIRECT MINING, MILLING, AND MARKETING EXPENSE PER TON WAS \$4.56  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1832  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION..... 1832  
 PRESENT/LAST OWNER..... A P GAYLE AND GOODWIN BROS LUMBER CO  
 PRESENT/LAST OPERATOR..... VIRGINIA MINING CORP  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1832 DIREXPL UNKNOWN ORGANIZATION (LIBERTY MINING CO BEGINNING 1844): DEVELOPED PLACER AND UPPER WORKINGS  
 2) 1935 DIREXPL VIRGINIA MINING CORP: DEVELOPED LOWER WORKINGS AND CONDUCTED EXPLORATORY DRILLING.  
 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.  
 EXPLOR. AND DEVELOP. COMMENTS:  
 WHEN FIRST WORKED, MINE OPERATED ON PLACERS AND DECOMPOSED SURFACE PARTS OF THE MINERALIZED ZONES. IN 1844, LIBERTY MINING CO. OF LONDON PURCHASED MINE AND BEGAN UNDERGROUND DEVELOPMENT. 6 SHAFTS AND 50-TON MILL OPERATED FROM 1854 TO CIVIL WAR. HENRY FORD PURCHASED PROPERTY IN 1933-34 AND MOVED MACHINERY TO HIS MUSEUM IN DEARBORN, MICH. MINE PURCHASED BY RAPIDAN GOLD CORP. IN 1934 AND SOLD TO V-M CORP. IN 1935. V-M CORP. DEPEPDED WORKINGS AND CARRIED OUT DIAMOND DRILLING BELOW 90 M. V-M CORP. CLOSED AND SOLD MINE AT AUCTION IN DEC. 1938. TOTAL DIAMOND DRILLING AMOUNTED TO ABOUT 1370 M. IN 1865 CREDNER REPORTED A ROASTING HOUSE, WITH 4 STILL UNUSED REVERBERATORY FURNACES, A CRUSHING HOUSE WITH 6 PAIRS OF ROLLERS, AND 2 ENGINES (ONE OF WHICH WAS 180 HORSEPOWER), A STAMP-MILL WITH 30 STAMPS, AND A WHOLE ROW OF SHAKING TABLES IN EXCELLENT SHAPE ON SITE.  
 DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, PLACER  
 FORM/SHAPE OF DEPOSIT: POD/LENS  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DEPTH TO TOP..... 0 M  
 MAX LENGTH..... 61.0 M  
 MAX THICKNESS..... 15.2 M  
 STRIKE OF OREBODY..... N40-60 DEG E  
 DIP OF OREBODY..... 80 DEG. NW - 80 DEG. SE  
 PLUNGE OF OREBODY..... NE  
 DIRECTION OF PLUNGE..... 30-70 DEG.  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 AVG THICKNESS: 1.2 M, AVG LENGTH: 15.2 M SOME PODS CUT ACROSS SCHISTOSITY. LENSES CONFORM TO FLUTING IN SHEAR ZONE  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 92.9 M  
 LENGTH OF WORKINGS..... 662 M \*\*  
 COMMENTS(DESCRIP. OF WORKINGS):  
 \*\* THIS FIGURE INCLUDES BOTH DRIFTS AND CROSSCUTS. IN 1974, TWO LARGE OPEN PITS, NUMEROUS SMALL CAVED PITS, CONCRETE FOUNDATIONS, AND COVERED DUMPS WERE SEEN. ADDITIONAL WORKINGS AT 15.2 M, 33.5 M, AND 61.6 M. IN 1865 CREDNER REPORTED SEVERAL SHAFTS HAD BEEN SUNK AND TWO OPEN CUTS, EACH 24 M (80 FT) DEEP, 91.5 M (300 FT) LONG, AND 7.6 M (25 FT) WIDE, HAD BEEN OPENED. THE VAUCLUSE SHAFT WAS 67 M (220 FT) DEEP WITH LEVELS AT 15.2, 33.5, AND 61.3 M (50, 110, AND 201 FT). THE 33.5 M LEVEL CONTAINED AT LEAST 84 M (275 FT) OF WORKINGS AND THE 61.3 M LEVEL CONTAINED 267 M (876 FT) OF DRIFTS AND CROSS CUTS IN JANUARY OF 1936.  
 PRODUCTION  
 YES  
 SMALL PRODUCTION  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 1 ORE AU ACC 0000.556 TOZ 1853 AMOUNT 15 FOR ONLY AN 80 DAY PERIOD IN 1853  
 CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 15 AU ACC 004.3053 TOZ 1935-1938  
 16 ORE ACC 0026.452 TONS 1935 - 1938 ORE GROSS VALUE OF \$143,780  
 17 ORE AU SML 1832-1860 AU 0.4 TOZ/TON  
 SOURCE OF INFORMATION (PRODUCTION)... BASS (1940)  
 PRODUCTION COMMENTS.... DIRECT MINING, MILLING, AND SHIPPING COST PER TON FROM 1935 TO 1938 WAS \$4.56. IN DECEMBER, 1853, THE MILL WAS CRUSHING 50 TONS A DAY AND THE AVERAGE VALUE OF THE ORE WAS ESTIMATED TO BE \$8 PER TON.  
 RESERVES AND POTENTIAL RESOURCES  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE OR USE  
 1 ORE SML 1972  
 SOURCE OF INFORMATION (RESERVES/POT RESOURCES)... BASS (1940)  
 COMMENTS (RESERVES/POT RESOURCES)... THERE IS PROBABLY A SMALL AMOUNT OF ORE AT THE SITE. ALL KNOWN COMMERCIAL BODIES ABOVE 91 M LEVEL ARE EXHAUSTED. HOWEVER CORE DRILLING BELOW THIS LEVEL INDICATE A GEOLOGICAL/MINERALOGICAL CONDITIONS BELOW  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE-CHLORITE SCHIST  
 AGE OF ASSOC. IGNEOUS ROCKS... TRI  
 IGNEOUS ROCK TYPES..... DIABASE  
 PERTINENT MINERALOGY..... QUARTZ, CALCITE, ANKERITE, SERICITE, RIOTITE, CHLORITE  
 IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONE  
 GEOLOGICAL DESCRIPTIVE NOTES. THIS MINE IS ON THE SAME SHEAR ZONE AS THE MELVILLE MINE.  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NORTHEAST-SOUTHWEST TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL  
 2) NAME: DIKE  
 AGE: TRI  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: DIKE  
 AGE: TRI  
 SIGNIFICANT LOCAL STRUCTURES:  
 SHEAR ZONE UP TO 12 M WIDE. STRIKE AND DIP OF SHEAR ZONE IS ABOUT SAME AS SCHISTOSITY, N40-60DEGE, 80 DEG NW THRU VERTICAL TO 80 DEG SE.  
 GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 MINERAL SOLUTIONS AS REPLACEMENT AND IN UPPER PART OF DEPOSIT, SECONDARY ENRICHMENT.  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 THE QUARTZ BODIES LIE ALONG THE WALLS OF THE SHEAR ZONE. SHEAR ZONE CONTINUOUS, BUT INDIVIDUAL ORE BODIES ARE NOT. SOME POST-ORE MOVEMENT INDICATED. DIABASE DIKE LOCATED ABOUT 0.4 KM TO THE SOUTH.  
 GENERAL COMMENTS  
 A LARGE PART OF VIRGINIA'S GOLD PRODUCTION BETWEEN 1833 AND 1860 PROBABLY CAME FROM THE VAUCLUSE MINE. THE MINE WAS FIRST OPERATED AS A PLACER MINE. THIS SAME SHEAR ZONE AS AT MELVILLE MINE ABOUT 1.5 KM TO NE.  
 GENERAL REFERENCES  
 1) BASS, C E., 1940, THE VAUCLUSE GOLD MINE, ORANGE COUNTY, VIRGINIA: ECONOMIC GEOLOGY, V 35, P 79-91  
 2) PARDEE, J T AND PARK, C F, JR., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: US GEOLOGICAL SURVEY PROFESSIONAL PAPER 213, 152 P.  
 3) SWEET, P C, 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 4) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VGS BULL 30, 110 P.  
 5) CREDNER, H.: 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.  
 6) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, VOL. 17, NO. 3, P. 25-33.  
 7) PARK, C.F., JR., 1936, PRELIMINARY REPORT ON GOLD DEPOSITS OF THE VIRGINIA PIEDMONT: VGS BULL 44, 42 P.  
 8) WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.  
 WALNUT CREEK MINE  
 RECORD IDENTIFICATION  
 RECORD NO..... W031831  
 RECORD TYPE..... X1M  
 INFORMATION SOURCE..... 35  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME..... TRIMB  
 LE, DAVID, C. (SWEET, PALMER, C.)  
 AFFILIATION..... VDMR  
 DATE..... 82  
 06

NAME AND LOCATION  
DEPOSIT NAME..... WALNUT CREEK MINE

COUNTRY CODE..... US

STATE CODE..... VA

COUNTY..... ORANGE  
DRAINAGE AREA..... 02 RAPIDAN RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 UNIONVILLE, VA. (1968)

LATITUDE LONGITUDE  
38-18-10N 077-53-00W

UTM NORTHING UTM EASTING UTM ZONE NO  
4242735 247535 +18

ALTITUDE... 116 M

ACCURACY OF LOCATION  
ACCURATE

POSITION FROM NEAREST PROMINENT LOCALITY: 4.6 KM (2.9 MI) NORTHEAST OF  
RHODESVILLE

LOCATION COMMENTS: 0.7 KM (0.45 MI) OFF THE SOUTH SIDE OF STATE ROAD 602  
APPROXIMATELY 1.1 KM (0.7 MI) BY ROAD EAST OF ITS INTERSECTION WITH STATE  
ROAD 622.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU PYR CO TI  
MAIN COMMOD..... AU  
MINOR COMMOD..... PYR

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... CO TI

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD, PYRITE

ANALYTICAL DATA (GENERAL)  
ANALYSES OF ROCK SAMPLES INDICATED CO AND TI WERE PRESENT.

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 3  
YEAR OF DISCOVERY..... 1981  
BY WHOM..... HANS HUBER  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... HANS HUBER  
PRESENT/LAST OPERATOR..... WALNUT CREEK MINING, INC.

EXPLOR. AND DEVELOP. COMMENTS:  
T. A. HOUSTON & ASSOCIATES, LTD. DUG PROSPECT RENCHES ACROSS VEIN AT  
SEVERAL PLACES IN THE SUMMER OF 1981. ANALYSES OF VEIN QUARTZ SAMPLES  
YIELDED GOLD, PYRITE, COBALT AND TITANIUM. THE OPEN CUT WAS THEN DUG IN  
LATE SUMMER OR EARLY FALL, 1981. NO WORK HAS BEEN DONE ON THE CUT EXCEPT  
TO KEEP IT CLEANED OUT SINCE IT WAS INITIALLY DUG.

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
VEIN, PLACER  
FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX WIDTH..... 6 M  
STRIKE OF OREBODY..... NE-SW  
COMMENTS (DESCRIPTION OF DEPOSIT):  
MINE IS IN A QUARTZ VEIN IN CHLORITE-SERICITE SCHIST. GOLD IS ALSO  
PRESENT IN BLACK WALNUT RUN TO THE WEST.

DESCRIPTION OF WORKINGS  
SURFACE  
DEPTH OF WORKINGS BELOW SURFACE. 4.6 M

COMMENTS (DESCRIP. OF WORKINGS):  
AN OPEN CUT ABOUT 16 M (60 FT) LONG AT LEAST 6 M (20 FT) WIDE, AND 3 -  
4.6 M (10 TO 15 FT) DEEP HAS BEEN DUG.

## PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL-QUAT  
HOST ROCK TYPES..... CHLORITE-SERICITE SCHIST, ALLUVIUM

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS... QUARTZ VEIN, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL  
2) NAME: ALLUVIUM  
AGE: QUAT

GENERAL REFERENCES  
1) HUBER, HANS, 1981 - PERSONAL COMMUNICATION

## WILDERNESS MINE

RECORD IDENTIFICATION  
RECORD NO..... W000424  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-022  
MAP CODE NO. OF REC...

REPORTER  
NAME..... WRIGH  
T. NANCY A.  
DATE..... 72  
05  
UPDATED..... 79  
07  
BY..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME..... WILDERNESS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... ORANGE  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
38-20-10N 077-43-54W

UTM NORTHING UTM EASTING UTM ZONE NO  
4246430 261240 +18

ALTITUDE... 340 FT (104 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.2 KM (0.75 MI) NNW OF  
WILDERNESS CORNER.

LOCATION COMMENTS: ON EAST SIDE OF STATE ROAD 667, 0.6 KM (0.4 MI) BY ROAD  
NE OF JUNCTION WITH STATE HWY 3.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER (PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

ANALYTICAL DATA (GENERAL)  
VALUES FOR THE ORE ARE REPORTED FROM \$10 TO \$48 PER TON. AN ASSAY MADE BY  
A "CHEMICAL ASSAY METHOD" GAVE \$170 PER TON, AS OPPOSED TO VALUES OF \$16  
OBTAINED FROM THE SAME ORE BY FIRE ASSAYING.

## MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
MILL BURNED IN 1911, NEVER RE-ERECTED

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-1911  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION... PRE-1911 (?)  
PRESENT/LAST OPERATOR..... WILDERNESS MINING AND MILLING CO

WORK DONE BY OTHER ORGANIZATIONS:  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL PRIOR TO 1911 SOME DEVELOPMENT TOOK PLACE, BUT NOT  
DESCRIBED IN LITERATURE.  
2) 1911 DIREXPL WILDERNESS MINING & MILLING CO: SUNK ADDITIONAL SHAFT  
AND CUT ADDITIONAL DRIFTS.  
3) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
WILDERNESS MINING & MILLING CO CEASED OPERATION IN 1923.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX THICKNESS..... 4.0 M  
STRIKE OF OREBODY..... N28DEGE  
DIP OF OREBODY..... 83 DEG E

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND  
DEPTH OF WORKINGS BELOW SURFACE. 38.1 M  
LENGTH OF WORKINGS..... 175 M

COMMENTS (DESCRIP. OF WORKINGS):  
IN 1911, A 30 M SHAFT WAS SUNK AND 117 M OF DRIFTS WERE DRIVEN. IN 1923,  
SHAFT DEEPENED TO 38 M AND ADDITIONAL 58 M DRIFT STARTED. TWO OPEN  
SHAFTS, SEVERAL CAVED PITS, CONCRETE FOUNDATIONS, AND DUMPS WERE EVIDENT  
IN 1974.

## PRODUCTION

YES  
SMALL PRODUCTION

PRODUCTION COMMENTS... THERE IS NO INDICATION OF THE AMOUNT OF ORE WORKED OR GOLD PRODUCED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... BIOTITE-QUARTZ-ORTHOCLASE SCHIST

PERTINENT MINERALOGY..... PYRITE, QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCK IS DARK GRAY AND FINELY FOLIATED, AND IS OF IGNEOUS ORIGIN. THE SCHIST STRIKES N 28 DEG. E AND DIPS 82 DEG. E. THE VEIN RANGES FROM 4 TO 13 FT. IN THICKNESS AND IN GENERAL CONFORMS TO THE STRIKE AND DIP OF THE SCHIST.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
FOLIATION STRIKES N 28 DEG E, DIPS 82 DEG E.

COMMENTS (GEOLOGY AND MINERALOGY):  
COUNTRY ROCK IS DARK GRAY AND FINELY FOLIATED AND IS OF IGNEOUS ORIGIN.

GENERAL COMMENTS  
IN 1911 A 100-FT. SHAFT WAS SUNK AND 385 FEET OF DRIFTS WERE DRIVEN. IN 1923 THE SHAFT WAS DEEPENED TO 125 FT. THERE ARE SOME INDICATIONS OF WORK DONE PRIOR TO 1911. THE MILL WAS DESTROYED BY FIRE IN 1911 AND WAS NEVER REBUILT.

GENERAL REFERENCES  
1) LONSOALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 82-83.  
2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
3) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS, VOL. 17, NO. 3, P. 25-33.  
4) SWEET, P.C., 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 21, NO. 1, P. 1-9.

**WOODMAN PROSPECT**

RECORD IDENTIFICATION  
RECORD NO..... W030534  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 1  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC... 07

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME..... WOODMAN PROSPECT  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... ORANGE  
DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O0

QUAD SCALE            QUAD NO OR NAME  
1: 24000            MINE RUN, VA.

LATITUDE            LONGITUDE  
38-15- N            077-52- W

UTM NORTHING        UTM EASTING        UTM 18ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: EXACT LOCATION UNKNOWN

LOCATION COMMENTS: SOUTHERN ORANGE COUNTY

COMMODITY INFORMATION  
COMMODITIES PRESENT ..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
YEAR OF DISCOVERY..... 1900  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OPERATOR... DR. CHARLES KUPER

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS... PRODUCTION DOUBTFUL.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

GENERAL REFERENCES  
1) CULPEPER EXPONENT, 1900, GOOD PROSPECTS: CULPEPER, VA., 6 APRIL., P. 2  
2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**WOODVILLE MINE**

RECORD IDENTIFICATION  
RECORD NO..... W030535  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC... 07

REPORTER  
NAME..... MEINT  
ZER (D.C. LEVAN), ROBT. E.  
DATE..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME..... WOODVILLE MINE  
SYNONYM NAME..... COULTER'S MINE, COALTER'S MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... ORANGE  
DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE            QUAD NO OR NAME  
1: 24000            CHANCELLORSVILLE, VA.

LATITUDE            LONGITUDE  
38-20-00N            077-44-04W

UTM NORTHING        UTM EASTING        UTM 18ZONE NO  
4246140.            260980.            +18

ALTITUDE.. 320 FT (98 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.0 KM (0.6 MI) NW OF WILDERNESS.

LOCATION COMMENTS: ON BOTH NE AND SW SIDES OF STATE HWY 3. ADDITIONAL SITE: UTM (ZONE +18), N 4245820., E 260630.

COMMODITY INFORMATION  
COMMODITIES PRESENT ..... AU  
PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON NA. DIV. MIN. RES.: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
APPARENTLY DEVELOPED AROUND 1850.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE.  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A CAVED SHAFT, ABOUT TWELVE CAVED PITS AND TRENCH CUTS, AND COVERED DUMPS WERE EVIDENT.

PRODUCTION  
YES  
SMALL PRODUCTION

PRODUCTION COMMENTS . . . NO PRODUCTION FIGURES HAVE BEEN LOCATED, HOWEVER, PRODUCTION WAS PROBABLY SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS . . . . . EPAL  
 HOST ROCK TYPES . . . . . BIOTITE-QUARTZ-ORTHOCLASE SCHIST

PERTINENT MINERALOGY . . . . . QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES . . . NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING . . . . . PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 SCHIST RESEMBLES A GREENSTONE. (SWEET, 1980).

GENERAL REFERENCES

1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

YOUNG PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. . . . . W000442  
 RECORD TYPE . . . . . X1M  
 COUNTRY/ORGANIZATION . . . USGS  
 INFORMATION SOURCE . . . 13  
 FILE LINK ID . . . . . VDMR  
 DEPOSIT NO. . . . . HL-003  
 MAP CODE NO. OF REC. . .

REPORTER  
 NAME . . . . . WRIGH  
 T, NANCY A.  
 DATE . . . . . 72  
 05  
 UPDATED . . . . . 79  
 07  
 BY . . . . . MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME . . . . . YOUNG PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. . . GOLD-PYRITE BELT  
 COUNTRY CODE . . . . . US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE . . . . . VA  
 STATE NAME: VIRGINIA  
 COUNTY . . . . . ORANGE  
 DRAINAGE AREA . . . . . O2 YORK RIVER  
 PHYSIOGRAPHIC PROV. . . . . O2 PIEDMONT  
 LAND CLASSIFICATION . . . . . O1

QUAD SCALE . . . . . QUAD NO OR NAME  
 1: 24000 . . . . . LAHORE, VA  
 LATITUDE . . . . . LONGITUDE  
 38-13-33N . . . . . 077-54-46W  
 UTM NORTHING . . . . . UTM EASTING . . . . . UTM ZONE NO  
 4234670. . . . . 245020. . . . . +18  
 ALTITUDE . . . 365 FT (111 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.53 KM (0.95 MI) NE OF VULCAN.

LOCATION COMMENTS: 0.72 KM (0.45 MI) OFF SE SIDE OF STATE ROAD 624, 1.21 KM (0.75 MI) BY ROAD SOUTH OF JUNCTION WITH STATE ROAD 619.

COMMODITY INFORMATION

COMMODITIES PRESENT . . . . . AU

MAIN COMMOD. . . . . AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL . . . . .

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. . . 2  
 NATURE OF DISCOVERY . . . . . A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 IN 1974, A CAVED PIT AND DUMPS WERE NOTED.

PRODUCTION

NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONCENTR., OVERBURD.)

GEOLOGY AND MINERALOGY

HOST ROCK TYPES . . . . . SCHIST  
 PERTINENT MINERALOGY . . . . . QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES . . . NE-SW TREND  
 TECTONIC SETTING . . . . . PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED SEDIMENTARY ROCKS  
 2) NAME: SOAPSTONE DIKE

COMMENTS (GEOLOGY AND MINERALOGY):

SOAPSTONE DIKE IS SHOWN ABOUT 0.15 KM SW OF PROSPECT BY CLINE AND OTHERS (1921).

GENERAL COMMENTS

THERE IS VERY LITTLE INFORMATION AVAILABLE CONCERNING THIS PROSPECT.

GENERAL REFERENCES

1) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 145  
 2) PARDEE, J. T., AND PARK, C. F., 1948, USGS P.P. 213, P. 54.  
 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 4) CLINE, J. H., WATSON, T. L., WRIGHT, F. J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 SHEET, SCALE 1:63 360.

PAGE COUNTY

J. W. YOUNG'S GOLD PROSPECT  
 (See Young, J. W. Prospect)

YOUNG, J. W. PROSPECT

RECORD IDENTIFICATION

RECORD NO. . . . . W031171  
 RECORD TYPE . . . . . X1M  
 COUNTRY/ORGANIZATION . . . USGS  
 INFORMATION SOURCE . . . 23  
 FILE LINK ID . . . . . VDMR  
 MAP CODE NO. OF REC. . .

REPORTER

NAME . . . . . TRIMB  
 LE, DAVID C. (SWEET, P. C.)  
 DATE . . . . . 80  
 12

NAME AND LOCATION

DEPOSIT NAME . . . . . YOUNG, J. W. PROSPECT  
 SYNONYM NAME . . . . . J. W. YOUNG'S GOLD MINE  
 COUNTRY CODE . . . . . US  
 STATE CODE . . . . . VA  
 COUNTY . . . . . PAGE  
 DRAINAGE AREA . . . . . O2 SHENANDOAH RIVER  
 PHYSIOGRAPHIC PROV. . . . . O2 BLUE RIDGE  
 LAND CLASSIFICATION . . . . . O1

QUAD SCALE . . . . . QUAD NO OR NAME  
 1: 24000 . . . . . ELKTON EAST, VA.  
 LATITUDE . . . . . LONGITUDE  
 38-27-34N . . . . . 078-31-55W  
 UTM NORTHING . . . . . UTM EASTING . . . . . UTM ZONE NO  
 4259485. . . . . 715360. . . . . +17

ALTITUDE . . . 1240 FT (378 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 8 KM (5 MI) SOUTHEAST OF SHENANDOAH 3.2 KM (2 MI) NORTHEAST OF FURNACE.

LOCATION COMMENTS: 0.7 KM (0.45 MI) SOUTHWEST ON STATE ROAD 759 FROM ITS INTERSECTION WITH STATE ROAD 607, 95 M (312 FT) NORTHWEST OF STATE ROAD 759, ACROSS NAKED CREEK. PROSPECT IS ON THE SOUTHEAST END OF GRINDSTONE MOUNTAIN.

COMMODITY INFORMATION

COMMODITIES PRESENT . . . . . AU PYR  
 MAIN COMMOD. . . . . AU PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE

ANALYTICAL DATA

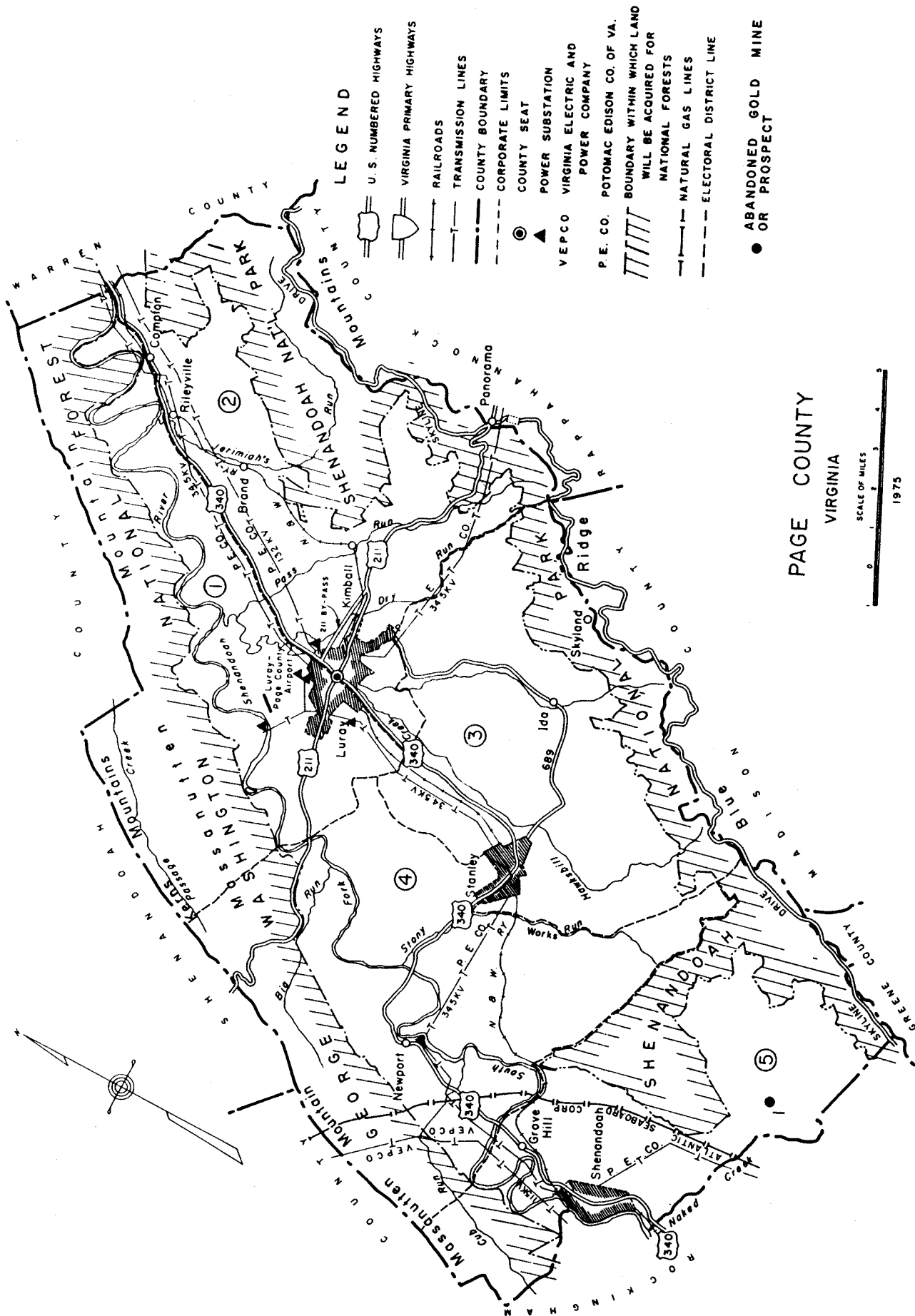
SOURCE REFERENCE . . . ECONOMIC GEOLOGY FILE-VIRGINIA DIVISION OF MINERAL RESOURCES

ANALYTICAL DATA (GENERAL)

100 GRAM SAMPLE YIELDED 0.00005 POUNDS GOLD; ASSAY SHOWED 1 POUND GOLD PER TON. ANALYSIS RUN BY MELVIN A. THORPE OF WILLIAM AND MARY COLLEGE.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. . . 2  
 YEAR OF DISCOVERY . . . . . 1909 ?  
 BY WHOM . . . . . J. W. YOUNG  
 NATURE OF DISCOVERY . . . . . A  
 PRESENT/LAST OWNER . . . . . WILTON EDWARD MEADOWS

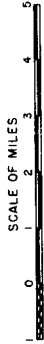


## PAGE COUNTY

1. Young, J. W. (J. W. Young's Gold)

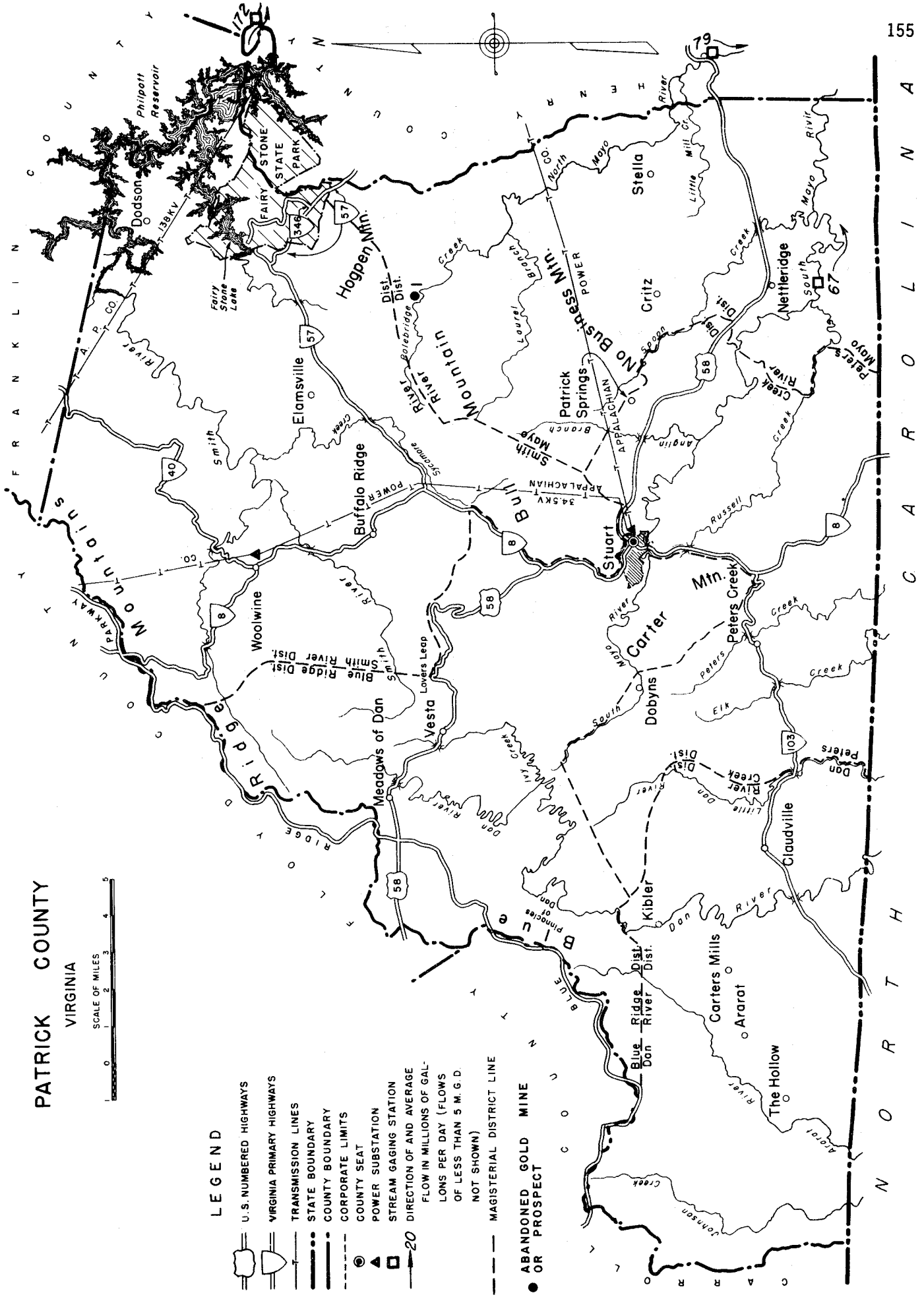


# PATRICK COUNTY VIRGINIA



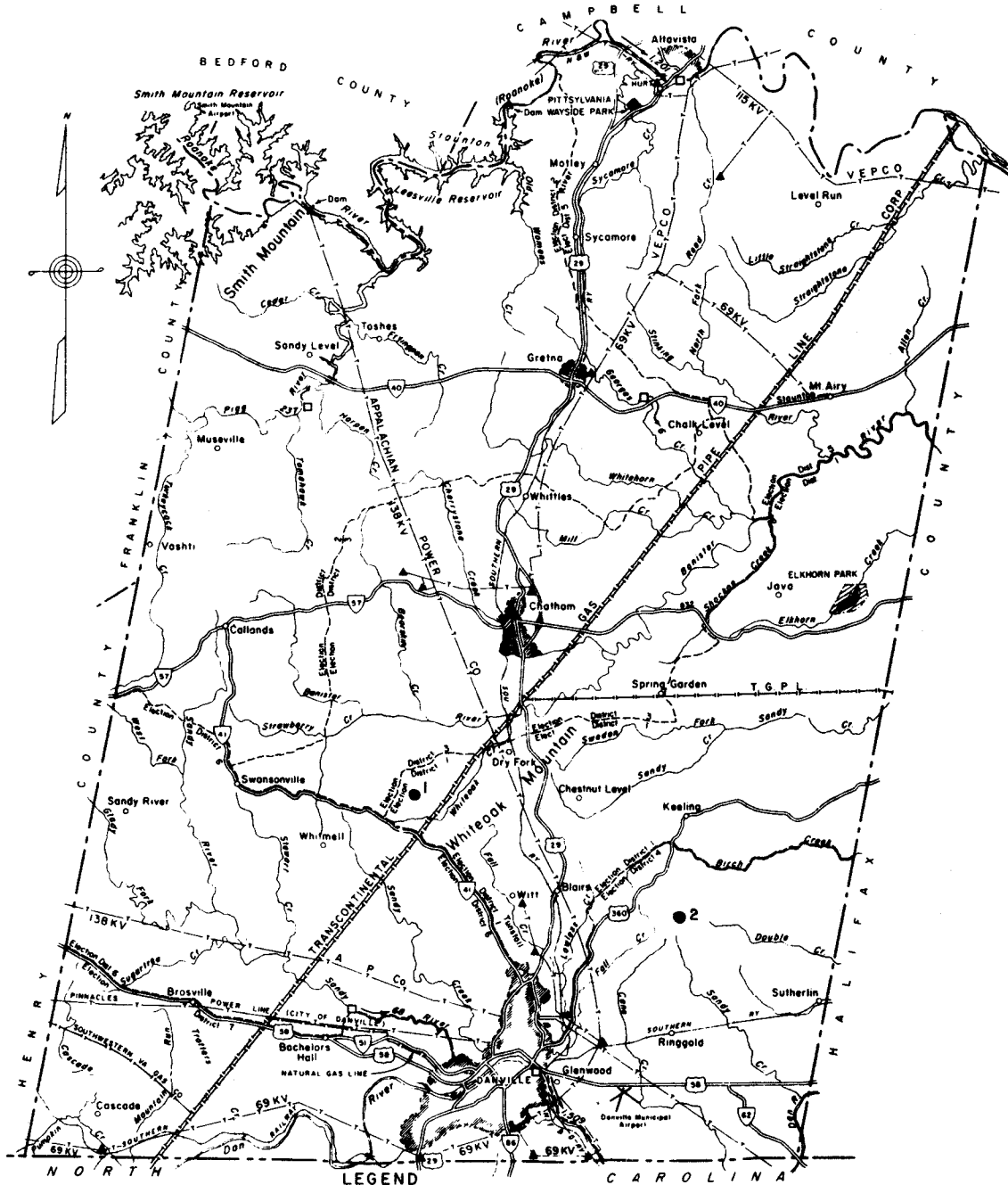
## LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- TRANSMISSION LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- MAGISTERIAL DISTRICT LINE
- ABANDONED GOLD MINE OR PROSPECT



PATRICK COUNTY

1. Polebridge Creek



- LEGEND**
- U S NUMBERED HIGHWAYS
  - VIRGINIA PRIMARY HIGHWAYS
  - RAILROADS
  - TRANSMISSION LINES
  - NATURAL GAS LINES
  - STATE BOUNDARY
  - COUNTY BOUNDARY
  - CORPORATE LIMITS
  - COUNTY SEAT
  - ▲ POWER SUBSTATION
  - STREAM GAGING STATION
  - N F & D NORFOLK, FRANKLIN & DANVILLE RY
  - 20 DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M G D NOT SHOWN)
  - VEPCO VIRGINIA ELECTRIC AND POWER COMPANY
  - A P CO APPALACHIAN POWER CO
  - ELECTION DISTRICT BOUNDARY
  - ABANDONED GOLD MINE OR PROSPECT

**PITTSYLVANIA COUNTY**  
 VIRGINIA  
 SCALE OF MILES  
 0 1 2 3 4  
 1978

PITTSYLVANIA COUNTY

1. Hopewell
2. Kentuck

PRESENT/LAST OPERATOR... NAKED CREEK MINING CORP.

WORK DONE BY OTHER ORGANIZATIONS
YEAR WORK TYPE ORGANIZATION AND RESULTS
1) 19097 DIREXPL J.W. YOUNG-DUG OPEN CUT
2) 19097 DIREXPL NAKED CREEK MINING CORP.-DRILLED FOR CORES.
3) 1980 RECON VA. DIV. MIN. RES.-INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:
J.W. YOUNG DISCOVERED PROSPECT AROUND 1909. HE SOLD THE MINING AND MINERAL RIGHTS TO THE NAKED CREEK MINING CORP. ON MAY 7, 1909. THE NAKED CREEK MINING CORP. DRILLED A NUMBER OF CORE HOLES ALONG NAKED CREEK. NO PRODUCTION EVER OCCURRED. DEPOSIT WAS UNECONOMICAL AT THAT TIME.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN
FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT... SMALL
COMMENTS(DESCRIPTION OF DEPOSIT):
GOLD IS BELIEVED TO HAVE BEEN FOUND IN QUARTZ VEINS. THERE IS ABUNDANT QUARTZITE FLOAT AROUND THE OPEN CUT.

DESCRIPTION OF WORKINGS

SURFACE
OVERALL LENGTH OF MINED AREA... ABOUT 21 M
OVERALL WIDTH OF MINED AREA... 3-5 M
COMMENTS(DESCRIP. OF WORKINGS):
ONE OPEN CUT FOUND, 21 M (70 FT) LONG, 3-5 M (10-15 FT) WIDE, AND 3 M (10 FT) DEEP AT ITS DEEPEST POINT. DRILL HOLES WERE OF UNKNOWN DEPTH.

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS... ECAMB
HOST ROCK TYPES... QUARTZITE, SHALE
PERTINENT MINERALOGY... QUARTZ
IMPORTANT ORE CONTROL/LOCUS... VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY
MAJOR REGIONAL STRUCTURES... NE-SW TREND, BLUE RIDGE ANTICLINORIUM TO THE SOUTHEAST
TECTONIC SETTING... DROGEN

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: WEVERTON FORMATION (CHILHOWEE GROUP)
AGE: ECAMB

SIGNIFICANT LOCAL STRUCTURES:
FAULTS, MASSANUTTEN SYNCLINORIUM TO THE NORTHWEST, LOCAL ANTICLINES AND SYNCLINES

GENERAL REFERENCES

- 1) ECONOMIC GEOLOGY FILE-VIRGINIA DIVISION OF MINERAL RESOURCES.
2) MRS. ISABELLE MARIE MEADOWS - PERSONAL INTERVIEW

PATRICK COUNTY

POLEBRIDGE CREEK PROSPECT

RECORD IDENTIFICATION
RECORD NO. W030536
RECORD TYPE X1M
COUNTRY/ORGANIZATION USGS
INFORMATION SOURCE 1,2
FILE LINK ID VDMR
MAP CODE NO. OF REC.

REPORTER
NAME BEAUL
IEU (D.C. LEVAN), HARVEY R
DATE 79
07

NAME AND LOCATION

DEPOSIT NAME... POLEBRIDGE CREEK PROSPECT

COUNTRY CODE... US
COUNTRY NAME: UNITED STATES

STATE CODE... VA
STATE NAME: VIRGINIA

COUNTY... PATRICK
DRAINAGE AREA... O3 ROANOKE RIVER
PHYSIOGRAPHIC PROV... O2 PIEDMONT
LAND CLASSIFICATION... O1

QUAD SCALE QUAD NO OR NAME
1 24000 PATRICK SPRINGS, VA.

LATITUDE LONGITUDE
36-43-32N 080-08-42W

UTM NORTHING UTM EASTING UTM ZONE NO
4964570. 576340. +17

ALTITUDE... 1210 FT (340M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 7.2 KM (4.5 MI) NE OF PATRICK SPRINGS.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF NW SIDE OF STATE ROAD 680 ABOUT 0.72 KM (0.45 MI) BY ROAD NW OF ITS INTERSECTION WITH STATE ROAD 687, ALONG A TRIBUTARY OF POLEBRIDGE CREEK.

COMMODITY INFORMATION
COMMODITIES PRESENT... AU PYR
MAIN COMMOD... AU
MINOR COMMOD... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):
AURIFEROUS PYRITE

MAIN ORE MINERALS:
AURIFEROUS PYRITE

COMMODITY COMMENTS:
SAMPLE OF ORE AVAILABLE IN VDMR REPOSITORY, #R-2149.

ANALYTICAL DATA (GENERAL)
ORE ASSAYED BY COLORADO ASSAYING CO.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1
YEAR OF DISCOVERY... 19627
NATURE OF DISCOVERY... A
PRESENT/LAST OWNER... D.T. & HENRY HARBER

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS
1) DIREXPL NO GOLD PRODUCTION REPORTED.
2) 1963 RECON VIRGINIA DIV. OF MINERAL RESOURCES; SITE INSPECTED.
3) 1974 RECON VA. DIV. MIN. RES.; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/SHEAR ZONE
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT... SMALL
STRIKE OF OREBODY... NE
COMMENTS(DESCRIPTION OF DEPOSIT):
ORE PROSPECTED FROM PYRITE-BEARING QUARTZ VEINS.

DESCRIPTION OF WORKINGS

SURFACE
COMMENTS(DESCRIP. OF WORKINGS):
EXTENSIVE TRENCHING REPORTED, BUT NO PRODUCTION OCCURRED HERE. TWO TRENCH CUTS AND SEVERAL CAVED PITS. DUMP MATERIAL REPORTED IN 1974.

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS... LPREC-EPAL
HOST ROCK TYPES... QUARTZ-BIOTITE GNEISS
PERTINENT MINERALOGY... QUARTZ
IMPORTANT ORE CONTROL/LOCUS... IN QUARTZ VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY
MAJOR REGIONAL STRUCTURES... BOWENS CREEK FAULT, NE-SW TREND
TECTONIC SETTING... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: FORK MOUNTAIN FORMATION
AGE: LPREC-EPAL

GENERAL REFERENCES

- 1) SWEET, P.C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS V. 17, NO. 3, P. 26-35.
2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

PITTSYLVANIA COUNTY

HOPEWELL PROSPECT

RECORD IDENTIFICATION
RECORD NO. W031834
RECORD TYPE X1M
INFORMATION SOURCE 13
FILE LINK ID VDMR
MAP CODE NO. OF REC.

REPORTER
NAME TRIMB
LE, DAVID, C. (SWEET, PALMER, C.)
AFFILIATION VDMR
DATE 82
05

NAME AND LOCATION

DEPOSIT NAME... HOPEWELL PROSPECT

COUNTRY CODE... US

STATE CODE... VA

COUNTY... PITTSYLVANIA
DRAINAGE AREA... O3 ROANOKE RIVER
PHYSIOGRAPHIC PROV... O2 PIEDMONT
LAND CLASSIFICATION... O1

QUAD SCALE 1: 24000 QUAD NO OR NAME MOUNT HERMON, VA. (1978)  
 LATITUDE 36-45-10N LONGITUDE 079-28-20W  
 UTM NORTHING 4066000 UTM EASTING 636570 UTM ZONE NO +17  
 ALTITUDE... 229 M  
 ACCURACY OF LOCATION ACCURATE  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.8 KM (1.1 MI) SOUTH-SOUTHWEST OF HOPEWELL.  
 LOCATION COMMENTS: JUST SOUTH OF A CREEK OFF THE EAST SIDE OF STATE ROAD 839, 0.8 KM (0.5 MI) BY ROAD SOUTH OF ITS INTERSECTION WITH STATE ROAD 718.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PLACER, VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 5 PITS (MAXIMUM 7.6 M (25 FT) WIDE AND 3 M (10 FT) DEEP) AND AN OPEN TRENCH 18 M (60 FT) LONG AND 4.6 M (15 FT) WIDE AND LEAF COVERED DUMPS WITH MICA SCHIST AND VEIN QUARTZ WHICH CONTAIN MINERALIZATION WERE EVIDENT IN 1982.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC-QUAT  
 HOST ROCK TYPES..... MUSCOVITE-BIOTITE GNEISS AND SCHIST, ALLUVIUM  
 PERTINENT MINERALOGY..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS.. VEIN, ALLUVIUM

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FORK MOUNTAIN FORMATION  
 AGE: PREC  
 2) NAME: STREAM ALLUVIUM  
 AGE: QUAT

SIGNIFICANT LOCAL STRUCTURES:  
 SYNCLINE

GENERAL REFERENCES  
 1) HENIKA, W. S., 1977, GEOLOGY OF THE BLAIRS, MOUNT HERMON, DANVILLE, AND RINGGOLD QUADRANGLES, VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 2, 45 P.

KENTUCK PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W031833  
 RECORD TYPE..... X1M  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... TRIMB  
 LE, DAVID, C. (SWEET, PALMER, C.)  
 AFFILIATION..... VDMR  
 DATE..... 82  
 05

NAME AND LOCATION  
 DEPOSIT NAME..... KENTUCK PROSPECT  
 COUNTRY CODE..... US  
 STATE CODE..... VA  
 COUNTY..... PITTSYLVANIA  
 DRAINAGE AREA..... O3 ROANOKE RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE 1: 24000 QUAD NO OR NAME BLAIRS, VA. (1964)  
 LATITUDE 36-40-15N LONGITUDE 079-17-40W  
 UTM NORTHING 4059415 UTM EASTING 652500 UTM ZONE NO +17  
 ALTITUDE... 201 M  
 ACCURACY OF LOCATION ACCURATE  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.4 KM (0.85 MI) NORTHEAST OF KENTUCK.  
 LOCATION COMMENTS: SOUTHEAST OF OLIVER CREEK, 0.7 KM (0.45 MI) NORTHWEST FROM THE END OF STATE ROAD 987.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 YEAR OF DISCOVERY..... BEFORE 1860  
 NATURE OF DISCOVERY..... A

EXPLOR. AND DEVELOP. COMMENTS:  
 LOCAL RESIDENTS INDICATE THAT THIS PROSPECT WAS WORKED BEFORE THE CIVIL WAR. IT IS NOT KNOWN IF ANY GOLD WAS PRODUCED, BUT IT IS DOUBTFUL BASED ON THE SMALL SIZE OF THE WORKINGS.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

COMMENTS(DESCRIPTION OF DEPOSIT):  
 QUARTZ VEINS OCCUR IN THE SCHIST AND GNEISS COUNTRY ROCK. ONE VEIN IS EXPOSED IN A SMALL CREEK SOUTHEAST OF THE PITS, AND IS PARALLEL TO THE FOLIATION OF THE COUNTRY ROCK.

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 AT LEAST 5 PITS WERE EVIDENT IN 1982. QUARTZ AND SCHIST IS PRESENT ON THE DUMPS. THERE WAS NO VISIBLE GOLD IN THE QUARTZ.

PRODUCTION  
 UNDETERMINED

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... PREC  
 HOST ROCK TYPES..... SCHIST AND GNEISS  
 PERTINENT MINERALOGY..... QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS.. VEINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: METAMORPHOSED VOLCANIC-SEDIMENTARY ROCKS  
 AGE: PREC

SIGNIFICANT LOCAL STRUCTURES:  
 SYNCLINE

GENERAL REFERENCES  
 1) HENIKA, W. S., 1977, GEOLOGY OF THE BLAIRS, MOUNT HERMON, DANVILLE, AND RINGGOLD QUADRANGLES, VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 2, 45 P.

PRINCE WILLIAM COUNTY

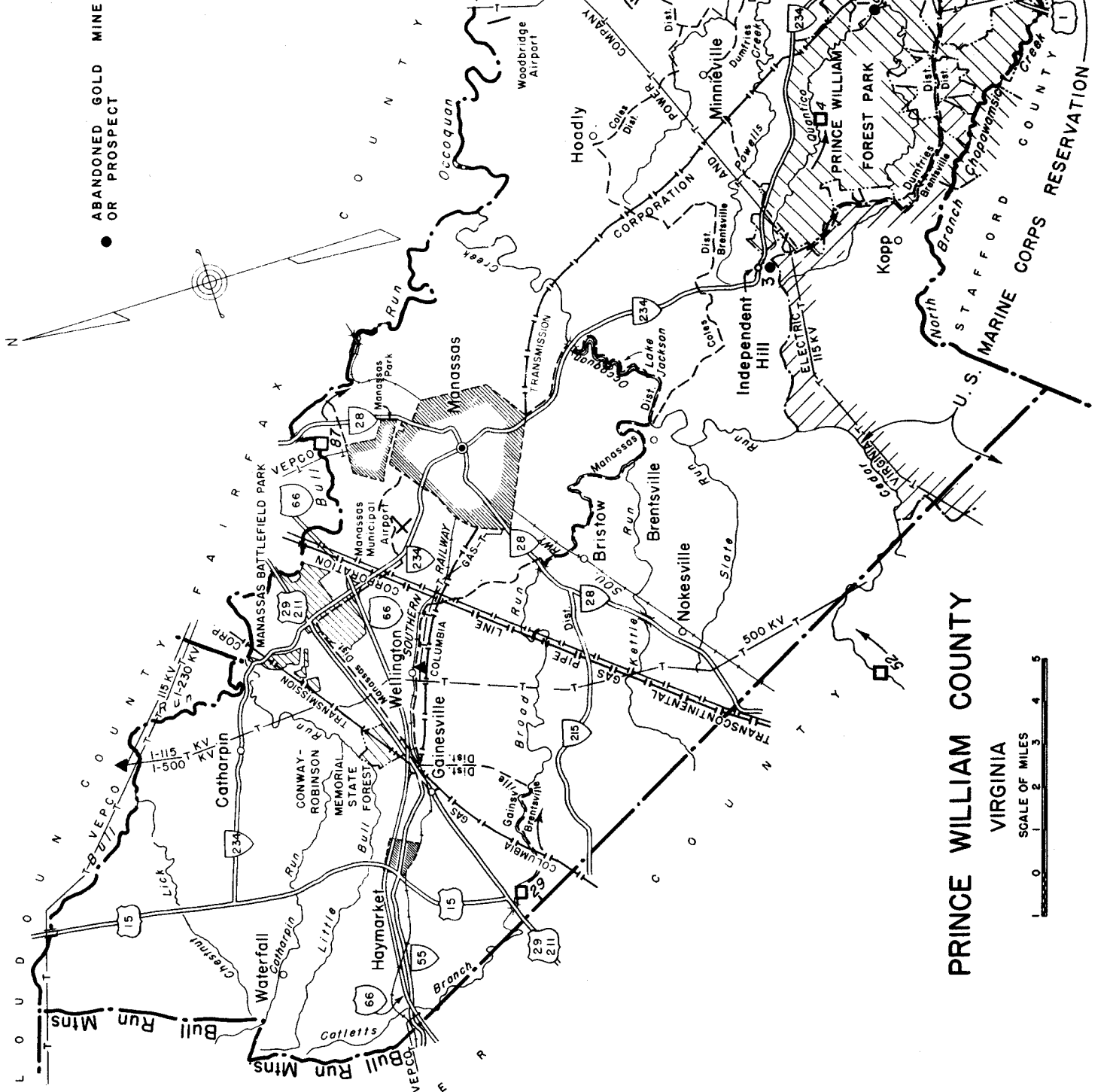
CRAWFORD PLACERS PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W000328  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... FU-006  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 04  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

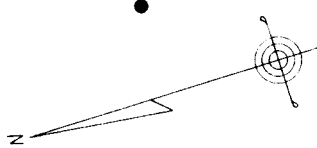
- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- NATURAL GAS LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- NAV. PROJ. AUTHORIZED NAVIGATION PROJECT AND CHANNEL DEPTH IN FEET
- MAGISTERIAL DISTRICT LINE

ABANDONED GOLD MINE OR PROSPECT



PRINCE WILLIAM COUNTY

VIRGINIA



PRINCE WILLIAM COUNTY

2. Crawford Placers (Neabsco)
3. Greenwood



**NAME AND LOCATION**  
 DEPOSIT NAME..... CRAWFORD PLACERS PROSPECT  
 SYNONYM NAME..... NEABSCO CREEK PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... PRINCE WILLIAM  
 DRAINAGE AREA..... 02 POTOMAC RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 QUANTICO, VA

LATITUDE LONGITUDE  
 38-37-26N 077-18-06W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4277360. 299620. +18

ALTITUDE.. 45 FT (14 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 6.2 KM (3.85 MI) NNE OF DUMFRIES.

LOCATION COMMENTS: NW OF I-95, ALONG NEABSCO CREEK.

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

ANALYTICAL DATA (GENERAL)  
 0.021 TOZ AU PER CU YD GRAVEL.

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 4  
 YEAR OF DISCOVERY..... JUST PRIOR TO 1935  
 BY WHOM..... WILLIAM P CRAWFORD  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... C D HYLTON  
 PRESENT/LAST OPERATOR..... WILLIAM P CRAWFORD

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1935 DIREXPL W P CRAWFORD: CONDUCTED TEST SLUICING  
 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 A SMALL AMALGAM PLATE, MECHANICAL PANS, AND SLUICE BOXES WERE USED TO RECOVER THE GOLD.

**DESCRIPTION OF DEPOSIT**  
 DEPOSIT TYPES:  
 PLACERS  
 FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA  
 COMMENTS (DESCRIPTION OF DEPOSIT):  
 GOLD OCCURS AS STRINGERS IN QUARTZ OCCASIONALLY. THE COUNTRY ROCK CONTAINING THE QUARTZ STRINGERS IS A SERIES OF SCHISTS AND SLATES. DIORITE FORMS THE BEDROCK IN THE STREAM BELOW THE QUARTZ STRINGERS, WHERE THE GRAVELS WERE BEING WASHED. THE STREAM BED WAS COVERED WITH 0.9 TO 1.2 M (3 TO 4 FT) OF SOIL AND GRAVEL. THE GRAVEL IS LOOSE AND CLEAN AND IS SO EASILY HANDLED THAT A WASHER WAS NOT NECESSARY.

**DESCRIPTION OF WORKINGS**  
 SURFACE

COMMENTS (DESCRIP. OF WORKINGS):  
 IN 1974, SEVERAL AREAS OF GRAVEL PILES AND A SLUICING APPARATUS WERE NOTED.

PRODUCTION  
 UNDETERMINED

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1				1935	ONLY TEST SAMPLING

SOURCE OF INFORMATION (PRODUCTION)... DUNLOP & MEYER (1936)

**RESERVES AND POTENTIAL RESOURCES**

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1	ORE	AU	SML		0.021 OZ AU/CY GRAVELS

SOURCE OF INFORMATION (RESERVES/POT RESOURCES)... LUTTRELL REFERENCE

COMMENTS (RESERVES/POT RESOURCES)... THERE IS NO MENTION OF WHETHER OR NOT THERE WAS EVER ANY PRODUCTION.

**GEOLOGY AND MINERALOGY**  
 AGE OF HOST ROCKS..... ORD-QUAT  
 HOST ROCK TYPES..... SCHIST, SLATE, GRAVEL

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
 IGNEOUS ROCK TYPES..... DIORITE

AGE OF MINERALIZATION..... POST-ORD

PERTINENT MINERALOGY..... QUARTZ, PYRITE

IMPORTANT ORE CONTROL/LOCUS... STRINGERS AND LENSES OF QUARTZ THAT CONTAIN PYRITE AND GOLD IN SCHISTS AND SLATES.

**GEOLOGY (SUPPLEMENTARY INFORMATION)**

**REGIONAL GEOLOGY**  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA-QUANTICO SYNCLINE.  
 TECTONIC SETTING..... PIEDMONT

**LOCAL GEOLOGY**  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: QUANTICO SLATE  
 AGE: ORD  
 3) NAME: FELSIC INTRUSIVE(?) ROCKS  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: FELSIC INTRUSIVE(?) ROCKS  
 AGE: EPAL

**GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:**  
 WEATHERING

**GENERAL REFERENCES**  
 1) LUTTRELL, G. W., 1966, VA. DIV. MIN. RES. REPT. #7, P. 38.  
 2) DUNLOP, J P AND MEYER, H.M., 1936, GOLD, SILVER, COPPER, LEAD AND ZINC IN THE EASTERN AND CENTRAL STATES, IN MINERALS YEARBOOK, 1936: US BUREAU OF MINES, P 281-296.  
 3) PARK, C F., JR., 1936, PRELIMINARY REPORT ON GOLD DEPOSITS OF THE VIRGINIA PIEDMONT: VIRGINIA GEOLOGICAL SURVEY BULLETIN 44, 42 P  
 4) SWEET, P C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 5) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VGS BULL 30, 110 P.  
 6) PARDEE, J.T., AND PARK, C.F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: USGS PP 213, 152 P.

**GREENWOOD PROSPECT**

**RECORD IDENTIFICATION**  
 RECORD NO..... W000326  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... FJ-003  
 MAP CODE NO. OF REC..

**REPORTER**  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 04  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBERT E.; (LE VAN, D. C.)

**NAME AND LOCATION**  
 DEPOSIT NAME..... GREENWOOD PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... PRINCE WILLIAM  
 DRAINAGE AREA..... 02 POTOMAC RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT

QUAD SCALE QUAD NO OR NAME  
 1: 24000 INDEPENDENT HILL, VA

LATITUDE LONGITUDE  
 38-37-49N 077-25-57W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4278360. 288260. +18

ALTITUDE.. 340 FT (103 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.8 KM (0.5 MI) SE OF INDEPENDENT HILL.

LOCATION COMMENTS: 0.40 KM (0.25 MI) OFF SOUTH SIDE OF STATE HWY 234, 0.3 KM (0.2 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 646.

**COMMODITY INFORMATION**  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

**EXPLORATION AND DEVELOPMENT**  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

**DESCRIPTION OF WORKINGS**  
 SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):  
 IN 1974, TWO WATER-FILLED SHAFTS, TWO CAVED PITS, AND DUMPS NOTED.

PRODUCTION  
 NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

RESERVES AND POTENTIAL RESOURCES

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE OR USE  
 1 AU ORE SML

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GRANODIORITE

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
 IGNEOUS ROCK TYPES..... GRANODIORITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: OCCOQUAN GRANITE  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: OCCOQUAN GRANITE  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

FORMATION NAME PER LONSDALE (1927).

GENERAL COMMENTS

TWO VERTICAL SHAFTS WERE SUNK, AND SOME TRENCHING WAS DONE. MINE HAS BEEN ABANDONED SINCE EARLY 1900'S.

GENERAL REFERENCES

- 1) LUTTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 58.
- 2) LONSDALE, J. T., 1927, VA. GEOL. SURVEY BULL. 30, P. 83.
- 3) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUB 19, 77 P

NEABSCO CREEK PROSPECT

(See Crawford Placer's Prospect)

SPOTSYLVANIA COUNTY

ANDERSON'S PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W029536  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LE VAN), HARVEY R.  
 DATE..... 79  
 07

NAME AND LOCATION

DEPOSIT NAME..... ANDERSON'S PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O0

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.

LATITUDE LONGITUDE  
 38-13- N 077-47- W

UTM NORTHING UTM EASTING UTM ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: UNABLE TO LOCATE IN 1974. PROBABLY ON ROBERTSON RUN, 4.8 TO 6.4 KM (3 TO 4 MI) W OF THE OLD SHADY GROVE CHURCH

LOCATION COMMENTS: UNABLE TO LOCATE

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

COMMODITY COMMENTS:  
 NATIVE GOLD WAS PROBABLE ORE MINERAL

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VIRGINIA DIV. OF MINERAL RESOURCES; ATTEMPTED TO LOCATE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN

PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS.... IT IS DOUBTFUL THERE WAS ANY PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 19, 77 P.

BEAZELY PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W000444  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-005  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... BEAUL  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... BEAZELY PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.

LATITUDE LONGITUDE  
 38-14-57N 077-45-28W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4236840. 258660. +18

ALTITUDE.. 330 FT (100 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.5 KM (2.2 MI) N OF LOGAN, 0.12 KM (0.075 MI) NE OF THE INTERSECTION OF SHANTY BRIDGE CREEK WITH NORTON PRONG

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

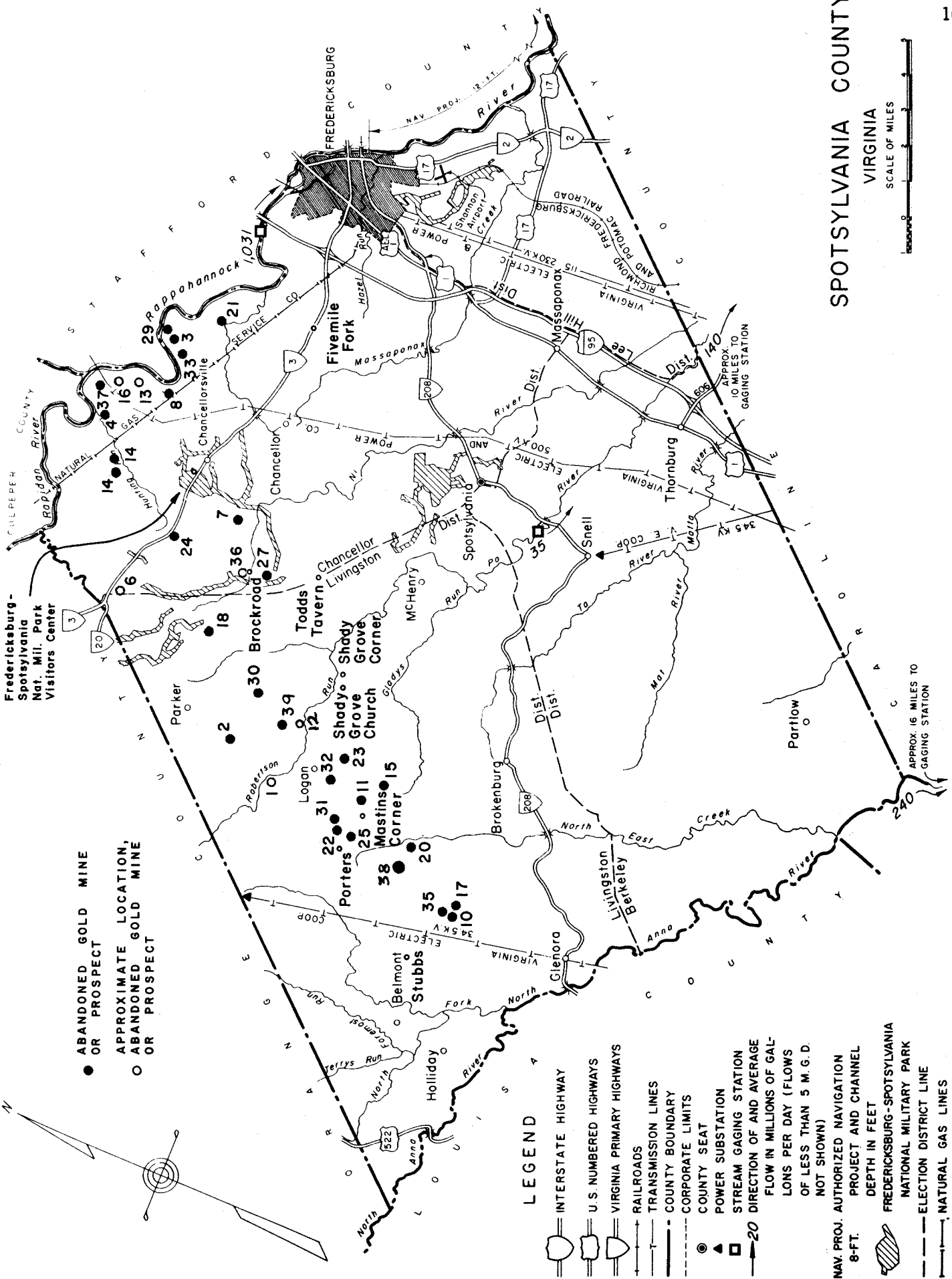
YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN

DESCRIPTION OF WORKINGS  
 SURFACE

# SPOTSYLVANIA COUNTY VIRGINIA



Fredericksburg -  
Spotsylvania  
Nat. Mil. Park  
Visitors Center

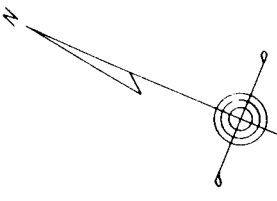
- ABANDONED GOLD MINE OR PROSPECT
- APPROXIMATE LOCATION, ABANDONED GOLD MINE OR PROSPECT

### LEGEND

- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- ▲ STREAM GAGING STATION
- NAV. PROJ. AUTHORIZED NAVIGATION PROJECT AND CHANNEL
- 20 FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- 8-FT. DEPTH IN FEET
- ▨ FREDERICKSBURG-SPOTSYLVANIA NATIONAL MILITARY PARK
- ELECTION DISTRICT LINE
- NATURAL GAS LINES

APPROX. 16 MILES TO GAGING STATION

APPROX. 10 MILES TO GAGING STATION



## SPOTSYLVANIA COUNTY

1. Anderson's
2. Beazley
3. Bell
4. Brinton
6. Faws Tract
7. Furnace
8. Gardiner
10. Goodwyn (Goodwin, Pocahontas)
11. Grindstone (Hill)
12. Higgins (Huggin's)
13. Horde
14. Hunting Run (two mines)
15. Johnston's (Johnston)
16. Julian
17. Knapp (New Dominion)
18. Marsden
20. Mitchell (Old Dominion, Emily)
21. Mott
22. New Grindstone
23. Powell's (Jerdones)
24. Prospect A
25. Prospect B
27. Quaker
29. Ramsey
30. Randolph
31. Rawlings
32. Roney
33. Smith
35. Starrs (Stajar's, Stairs)
36. Trigg
37. United States (Welford)
39. Whitehall

COMMENTS(DESCRIP. OF WORKINGS):  
3 DUMP PILES OF DIABASE AND QUARTZ AND A 12M BY 6M AREA WHICH POSSIBLY IS  
A CAVED PIT WERE SEEN IN 1974.

PRODUCTION  
UNDETERMINED

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS... UNKNOWN IF THERE WAS PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

TRIASSIC-AGE DIABASE WITH NO MINERALIZATION WAS REPORTED AT SITE IN 1974

GENERAL REFERENCES

- 1) LITTRELL, G. W., 1966, VA. MIN. RES. REPORT 7, P. 15.
- 2) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 3) CLINE, J. H., WATSON, T. L., AND WRIGHT, F. J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63 360.

**BELL MINE**

RECORD IDENTIFICATION

RECORD NO..... W000436  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-034  
MAP CODE NO. OF REC..

REPORTER

NAME..... WRIGHT  
T, NANCY A..... 72  
DATE..... 05  
UPDATED..... 79  
07  
BY..... BEAUL  
IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... BELL MINE

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 SALEM CHURCH

LATITUDE LONGITUDE  
38-20-13N 077-34-55W

UTM NORTHING UTM EASTING UTM ZONE NO  
4246140. 274320. +18

ALTITUDE.. 280FT (84.8M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 5.8 KM (3.6 MI) NW OF FIVEMILE FORK.

LOCATION COMMENTS: 0.5KM (0.3MI) OFF THE N SIDE OF STATE ROAD 618 ABOUT 2.17KM (1.35MI) BY ROAD NE OF ITS INTERSECTION WITH STATE ROAD 620.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL  
2) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
ONLY SOME SCATTERED QUARTZ WAS SEEN IN 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
1 ORE SML

PRODUCTION YEARS..... PRE-1900

SOURCE OF INFORMATION (PRODUCTION).. LONSDALE REF.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE HOST ROCK INFO. IS FROM THE VA. STATE GEOLOGICAL MAP. LONSDALE REF. SAYS THIS MINE IS NEAR GRANITE, AND NO VEIN MATERIAL WAS SEEN.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: FREDERICKSBURG COMPLEX OF THE CHOPAWAMSI FORMATION  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):

SCATTERED QUARTZ REPORTED IN 1974; LONSDALE (1927) REPORTS MINE TO BE NEAR GRANITE. CONLEY GIVES A GEOLOGIC DESCRIPTION OF THE REGION WHERE THIS MINE IS LOCATED, THOUGH THE MINE IS NOT MENTIONED. THE BELL MINE IS SHOWN ON A 1921 VIRGINIA GEOLOGICAL SURVEY MAP TITLED A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA, WHICH WAS MADE BY CLINE, WATSON AND WRIGHT. NO GEOLOGIC MAPPING WAS DONE ON THE SECTION OF THE MAP WHERE THE MINE IS FOUND.

GENERAL COMMENTS

THERE IS NOT MUCH INFORMATION AVAILABLE CONCERNING THIS DEPOSIT. THE MINE HAS BEEN ABANDONED SINCE THE LATE 1800'S

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LITTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES REPORT 7, 167 P.
- 3) LONSDALE, G. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.
- 4) CONLEY, J. F., 1978, GEOLOGY OF THE PIEDMONT OF VIRGINIA-INTERPRETATIONS AND PROBLEMS, IN CONTRIBUTIONS TO VIRGINIA GEOLOGY-III: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 7, P. 115-149.

**BRINTON PROSPECT**

RECORD IDENTIFICATION

RECORD NO..... W000422  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-020  
MAP CODE NO. OF REC..

REPORTER

NAME..... WRIGHT  
T, NANCY A..... 72  
DATE..... 05  
UPDATED..... 79  
07  
BY..... BEAUL  
IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION

DEPOSIT NAME..... BRINTON PROSPECT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CHANCELLORSVILLE

LATITUDE LONGITUDE  
38-21-20N 077-37-59W

UTM NORTHING UTM EASTING UTM ZONE NO  
4248350. 269930. +18

ALTITUDE.. 240 FT (73 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 5.3 KM (3.3 MI) N OF CHANCELLORSVILLE

LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF N SIDE OF STATE ROAD 620 ABOUT 4.3 KM (2.7 MI) BY ROAD NE OF ITS INTERSECTION WITH STATE ROAD 610

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES: SITE INSPECTED

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS (DESCRIP. OF WORKINGS):  
 A CAVED PIT (11M X 2.6M X 1.3M MAX. DEPTH) AND A SMALLER PIT (3M X 1.7M X 0.6M DEEP), A DUMP AND BROKEN GRANITE WERE REPORTED IN 1974. WORKINGS APPARENTLY WERE CONFINED TO THE SURFACE.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ECAMB  
 HOST ROCK TYPES..... GRANITE, QUARTZ DIORITE

AGE OF ASSOC. IGNEOUS ROCKS... ECAMB  
 IGNEOUS ROCK TYPES..... GRANITE, QUARTZ DIORITE

GEOLOGICAL DESCRIPTIVE NOTES. HOST ROCK INFORMATION COMES FROM THE VA. STATE GEOLOGICAL MAP.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE NE-SW TREND

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: QUARTZ DIORITE  
 AGE: ECAMB  
 NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 AGE: ECAMB

COMMENTS (GEOLOGY AND MINERALOGY):  
 HOST ROCK INFORMATION IS FOUND IN LONSDALE (1927), BUT NO MENTION OF THE PROSPECT IS MADE IN HIS REPORT.

GENERAL REFERENCES  
 1) PARDEE, J.T., AND PARK, C.F., 1948, USGS PP. 213, P. 54  
 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 3) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.

EMILY PROSPECT (See Mitchell Prospect)

FAWS TRACT PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W029537  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... FAWS TRACT PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA. (?)

LATITUDE LONGITUDE  
 38-18- N 077-43- W

UTM NORTHING UTM EASTING UTM ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 22 KM (14 MI) WEST OF FREDERICKSBURG. EXACT LOCATION NOT KNOWN.

LOCATION COMMENTS: NEAR THE WILDERNESS TAVERN, SW OF GREENWOOD MINE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY..... 1830'S  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES. UNABLE TO LOCATE

EXPLOR. AND DEVELOP. COMMENTS:  
 NO REPORTS OF DEVELOPMENT

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN

PRODUCTION  
 NO PRODUCTION

PRODUCTION COMMENTS..... IT IS DOUBTFUL THERE WAS ANY PRODUCTION.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS  
 THIS LAND WAS OFFERED FOR SALE IN 1833, WHEN GREENWOOD AND COALTER'S (WOODVILLE) MINE WERE BEING DEVELOPED. WHETHER THIS PROPERTY ACTUALLY HAD ENOUGH GOLD ON IT TO WARRANT ANY DEVELOPMENT IS NOT KNOWN.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) VIRGINIA HERALD, 1833, ADVERTISEMENT FOR SALE: FREDERICKSBURG, VA., V. 8, NO. 71, 14 SEPTEMBER.

FURNACE PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W028981  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... FURNACE PROSPECT

MINING DISTRICT/AREA/SUBDIST GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA.

LATITUDE LONGITUDE  
 38-17-19N 077-39-11W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4240960. 267950. +18

ALTITUDE... 330 FT (100 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.7 KM (1.7 MI) SOUTH OF CHANCELLORSVILLE.

LOCATION COMMENTS: 0.5 KM (0.3 MI) WEST OF JUNCTION OF JACKSON TRAIL WITH SICKLES ROAD AT THE FURNACE RUINS IN THE FREDERICKSBURG SPOTSYLVANIA NATIONAL MILITARY PARK

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... CHESAPEAKE CORP. OF VA.  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, INSPECTION OF SITE REVEALED WATER-FILLED SHAFT AND PIT, TWO  
 LARGE OPEN PITS, COVERED DUMP

PRODUCTION  
 NO PRODUCTION  
 PRODUCTION COMMENTS.... PRODUCTION DOUBTFUL.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST (?)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: QUANTICO SLATE (?)  
 AGE: ORD

GENERAL COMMENTS  
 NO LITERATURE REPORTS OF THIS PROSPECT LOCATED TO DATE (1979).

GENERAL REFERENCES  
 1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

**GARDINER MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000433  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-031  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T, NANCY A  
 DATE..... 72  
 OS  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... GARDINER MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA  
 LATITUDE LONGITUDE  
 38-19-57N 077-36-36W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4245730 271870 +18  
 ALTITUDE.. 225 FT (71 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.5 KM (2.2 MI) NORTH OF  
 FREDERICKSBURG-SPOTSYLVANIA NATIONAL MILITARY PARK  
 LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF NE SIDE OF STATE ROAD 620, 1.53 KM  
 (0.95 MI) BY ROAD NW OF JUNCTION WITH STATE ROAD 618.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:  
 12-STAMP MILL ERECTED IN 1854. MILL CONTAINED 12 WOODEN STAMPS, WITH  
 CAMS, SHAFTS, SHOES AND BATTERIES OF IRON  
 4 SHAKING TABLES  
 1 COMPLICATED CHILEAN MILL  
 1 LARGE IRON RESERVOIR WITH PUMP, TO ELEVATE WATER FROM THE RAPPAHANNOCK  
 RIVER TO THE HEIGHT OF THE BATTERIES.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1854  
 PRESENT/LAST OPERATOR.... GARDINER GOLD MINING CO

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1854 DIREXPL GARDINER GOLD MINING CO: DEVELOPED AND OPERATED MINE  
 UNTIL 1862.  
 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 CREDNER REPORTED MINE HAD BEEN DESERTED FOR 6 YEARS.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, A SMALL SURFACE PIT AND SCATTERED QUARTZ WERE OBSERVED.

PRODUCTION  
 YES  
 SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 15 AU SML 1854-1862

PRODUCTION YEARS..... 1854-1862

PRODUCTION COMMENTS.... THERE IS NO MENTION OF HOW MUCH AU OR ORE WAS  
 PRODUCED.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES  
 1) LUTTRELL, G.W., 1966. VA. MIN. RES. REPORT 7, P. 52  
 2) LONSDALE, J.T., 1927. VA. GEOL. SURVEY BULL. 30., P. 84  
 3) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P  
 4) CREDNER, H., 1868. REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA  
 AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 393.

**GOODWIN MINE (See Goodwyn Mine)**

**GOODWYN MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000451  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE.... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-012  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T, NANCY A  
 DATE..... 72  
 OS  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... GOODWYN MINE  
 SYNONYM NAME..... POCAHONTAS MINE, GOODWIN MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER

PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA

LATITUDE LONGITUDE  
 38-08-23N 077-48-24W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4224820. 254030. +18

ALTITUDE.. 305 FT (92 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.4 KM (1.5 MI) SE OF STUBBS

LOCATION COMMENTS: ALONG PIGEON RUN, ON NORTH SIDE OF STATE ROAD 601, 2.7  
 KM (1.7 MI) BY ROAD SE OF JUNCTION WITH STATE ROAD 612.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1880 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1880 (?)  
 PRESENT/LAST OWNER..... M WILSON & L NADINE  
 PRESENT/LAST OPERATOR.... POCAHONTAS GOLD MINING CO

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1880 DIREXPL POCAHONTAS GOLD MNG CO: CONDUCTED PLACER MINING IN  
 1880'S.  
 2) 1881 DIREXPL GOODWIN MINING CO: SANK SHAFT  
 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEINS, PLACER

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 61 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, WATER-FILLED PIT, TWO OPEN TRENCHES, AND SCATTERED PIECES OF  
 QUARTZ WERE SEEN.

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS..... THERE IS NO MENTION OF WHETHER OR NOT THERE WAS EVER  
 ANY PRODUCTION, HOWEVER, AS WATSON (1907) INDICATES CONSIDERABLE ACTIVITY  
 DURING 1880'S, THERE WAS PROBABLY AT LEAST LIMITED PRODUCTION.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL-QUAT  
 HOST ROCK TYPES..... SCHIST, GRAVEL

AGE OF ASSOC. IGNEOUS ROCKS.. TRI  
 IGNEOUS ROCK TYPES..... DIABASE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 AGE: QUAT  
 AGE: TRI  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 AGE: TRI

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 SUPERGENE ENRICHMENT

COMMENTS (GEOLOGY AND MINERALOGY):  
 DIABASE DIKE SITUATED 0.4 KM NW OF MINE.

GENERAL COMMENTS  
 THERE IS NOT VERY MUCH INFORMATION AVAILABLE ABOUT THIS MINE.

GENERAL REFERENCES  
 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 54.  
 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.  
 3) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, J P  
 BELL CO, 618 P.  
 4) THE VIRGINIAS, 1881, GOLD-MINING IN VIRGINIA: V 2, NO 12, P 182.  
 5) CLINE, J.H., WATSON, T.L., AND WRIGHT, F.J., 1921, A GEOLOGIC MAP OF THE  
 GOLD-PYRITE BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VA. DIV.  
 MIN. RES.

## GRINDSTONE MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000447  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS

INFORMATION SOURCE... 13  
 FILE LINK ID..... VDNR  
 DEPOSIT NO..... HL-008  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... GRINDSTONE MINE  
 SYNONYM NAME..... HILL MINE

MINING DISTRICT/AREA/SUBOIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT VA

LATITUDE LONGITUDE  
 38-11-40N 077-45-57W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4230790. 257780. +18

ALTITUDE.. 360 FT (109 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 KM (1.4 MI) EAST OF PORTERS

LOCATION COMMENTS: 0.6 KM (0.4 MI) NNE OF STATE ROAD 612, 0.56 KM (0.35 MI)  
 BY ROAD EAST OF JUNCTION WITH STATE ROAD 606.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU AG PYR PB ZN

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... AG PYR PB ZN

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 SPHALERITE, PYRITE, CHALCOPYRITE, GALENA, NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... CHESAPEAKE CORP OF VA  
 PRESENT/LAST OPERATOR.... NEW JERSEY ZINC CO

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1905 DIREXPL POSSIBLE BEGINNING OF DEVELOPMENT.  
 2) 1955 OTHER NEW JERSEY ZINC CO. LEASED PROPERTY.  
 3) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE CAVED PITS AND SEVERAL DUMPS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS..... THERE IS NO INDICATION OF THE AMOUNT OF ORE  
 PRODUCED.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST

PERTINENT MINERALOGY..... QUARTZ, MUSCOVITE, SPECULAR HEMATITE,  
 MAGNETITE (?)

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 THOUGH TWO SEPARATE WORKINGS, THE LITERATURE DOES NOT DISTINGUISH WELL  
 BETWEEN THE GRINDSTONE AND NEW GRINDSTONE MINES. WATSON (T L, 1907,  
 MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA, J P BELL CO, 618 P) REFERS  
 TO EXISTENCE OF MINE. THE UPDATING REPORTER CONSIDERS THE GRINDSTONE TO BE  
 AN OLDER WORKING, POSSIBLY PRE-1900, WHILE THE NEW GRINDSTONE INCLUDES  
 THOSE WORKINGS REFERRED TO BY MCCASKEY (1911, 1912).



GENERAL REFERENCES

- 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 59.
- 2) MCCASKEY, H.D., 1911, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1910 (MINE PRODUCTION), IN MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR 1910, PT. 1, METALS: US GEOLOGICAL SURVEY, P 675-691.
- 3) MCCASKEY, H.D., 1912, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1911 (MINE PRODUCTION), IN MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR 1911, PT 1, METALS: US GEOLOGICAL SURVEY, P 873-888.
- 4) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P

**HIGGINS MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W029538  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE ..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME ..... HIGGINS MINE  
 SYNDNYM NAME ..... HUGGIN'S MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV ..... O2 PIEDMONT  
 LAND CLASSIFICATION ..... OO  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 BROKENBURG, VA. (?)  
 LATITUDE LONGITUDE  
 38-14- N 077-44- W  
 UTM NORTHING UTM EASTING UTM18ONE NO  
 POSITION FROM NEAREST PROMINENT LOCALITY: ON UPPER PD RIVER, NEAR  
 WHITEHALL MINE. EXACT LOCATION UNKNOWN

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... PRE-1907  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. PRE-1907

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS.... IF THERE WERE ANY PRODUCTION, IT WAS SURELY SMALL.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS  
 EXTREMELY LITTLE INFORMATION EXISTS ABOUT THIS MINE.

- GENERAL REFERENCES
- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
  - 2) WATSON, T.L., 1907, MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VA., U.S. GEOLOGICAL SURVEY, P. 618 P.

**HILL MINE (See Grindstone Mine)**

**HORDE PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W029539  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.  
 DATE ..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME ..... HORDE PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV ..... O2 PIEDMONT  
 LAND CLASSIFICATION ..... OO  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA. (?)  
 LATITUDE LONGITUDE  
 38-21- N 077-37- W  
 UTM NORTHING UTM EASTING UTM18ONE NO  
 POSITION FROM NEAREST PROMINENT LOCALITY: NEAR THE UNITED STATES FORD.  
 THE EXACT LOCATION IS UNKNOWN.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU  
 MAIN COMMOD. .... AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY ..... 1900  
 NATURE OF DISCOVERY ..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN

PRODUCTION  
 NO PRODUCTION

PRODUCTION COMMENTS.... ACTUAL PRODUCTION FROM THIS PROSPECT IS DOUBTFUL.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS  
 CULPEPER EXPONENT (1900) IS ONLY DIRECT REFERENCE TO THIS PROSPECT.

- GENERAL REFERENCES
- 1) CULPEPER EXPONENT, 1900, GOOD PROSPECTS: CULPEPER, VA., 6 APRIL, P. 2.
  - 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**HUGGIN'S MINE (See Higgin's Mine)**

**HUNTING RUN PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W028979  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID ..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME ..... MEINT  
 ZER (D.C. LE VAN), ROBT. E.

DATE..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME..... HUNTING RUN PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
38-20-23N 077-39-25W

UTM NORTHING UTM EASTING UTM ZONE NO  
4246630. 267790. +18

ALTITUDE.. 240 FT (73 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 4.0 KM (2.5 MI) NW OF CHANCELLORSVILLE.

LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF NE SIDE OF STATE ROAD 610, 1.37 KM (0.85 MI) BY ROAD SE OF JUNCTION WITH STATE ROAD 620. ADDITIONAL SITE AT UTM: N 4246790., E 268160. (ZONE +18).

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD (?)

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 2  
YEAR OF DISCOVERY..... PRE-1867  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
PROSPECTING CONDUCTED PRIOR TO 1867.

DESCRIPTION OF DEPOSIT  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, SEVERAL SHALLOW HILLSIDE TRENCHES LOCATED.

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS.... NO PRODUCTION DATA AVAILABLE, BUT PRODUCTION DOUBTFUL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... QUARTZ DIORITE

AGE OF ASSOC. IGNEOUS ROCKS.. EPAL  
IGNEOUS ROCK TYPES..... QUARTZ DIORITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: QUARTZ DIORITE  
AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
1) NAME: QUARTZ DIORITE  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
HOST ROCK IS REPORTED IN LONSDALE (1927) AND GEOLOGIC MAP OF VIRGINIA (1963).

GENERAL COMMENTS  
THERE IS NO MENTION OF THIS PROSPECT EXCEPT ON OLD MAPS.

GENERAL REFERENCES  
1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VDMR PUB 19, 77 P.  
2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.  
3) MILICI, R.C., SPIKER, C. T., JR., AND WILSON, J.M., 1963, GEOLOGIC MAP OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES MAP, SCALE 1:500000.

JOHNSTON PROSPECT (See Johnston's Prospect)

JOHNSTON'S PROSPECT

RECORD IDENTIFICATION  
RECORD NO..... W028980  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION: USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME..... MEINT  
ZER (D.C. LE VAN), ROBT. E.  
DATE..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME..... JOHNSTON'S PROSPECT  
SYNONYM NAME..... JOHNSTON PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... O2 YORK RIVER  
PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
LAND CLASSIFICATION..... O1

QUAD SCALE QUAD NO OR NAME  
1: 24000 BELMONT, VA.

LATITUDE LONGITUDE  
38-11-06N 077-45-29W

UTM NORTHING UTM EASTING UTM ZONE NO  
4229740. 258440. +18

ALTITUDE.. 395 FT (120 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.1 KM (1.9 MI) EAST OF PORTERS

LOCATION COMMENTS: 0.6 KM (0.4 MI) OFF SOUTH SIDE OF STATE ROAD 612 (PAMUNKEY ROLLING ROAD), 1.69 KM (1.05 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 606 AT MASTINS CORNER.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD (?)

MAIN ORE MINERALS:  
NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
YEAR OF DISCOVERY..... PRE-1867  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A SMALL DEPRESSION WAS OBSERVED.

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS.... THOUGH NO PRODUCTION FIGURES EXIST, IT IS DOUBTFUL IF THERE WERE ANY

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSI FORMATION

JERDONES PROSPECT (See Powell's Prospect)

AGE: EPAL

GENERAL COMMENTS  
LITTLE INFORMATION EXISTS ON THIS PROSPECT.

GENERAL REFERENCES  
1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

**JULIAN PROSPECT**

RECORD IDENTIFICATION  
RECORD NO. .... W029540  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,2  
FILE LINK ID..... VDMR  
MAP CODE NO. OF REC..  
  
REPORTER  
NAME ..... MEINT  
ZER (D. C. LE VAN), ROBT. E.  
DATE ..... 79  
07

NAME AND LOCATION  
DEPOSIT NAME ..... JULIAN PROSPECT  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE ..... VA  
STATE NAME: VIRGINIA  
COUNTY ..... SPOTSYLVANIA  
DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
LAND CLASSIFICATION..... 00  
QUAD SCALE QUAD NO OR NAME  
1: 24000 SALEM CHURCH, VA.(?)  
LATITUDE LONGITUDE  
38-21- N 077-37- W  
UTM NORTHING UTM EASTING UTM ZONE NO  
POSITION FROM NEAREST PROMINENT LOCALITY: EXACT LOCATION UNKNOWN  
LOCATION COMMENTS: TRACT LIES ON THE RAPPAHANNOCK RIVER.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU  
MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD  
MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 1  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: UNABLE TO LOCATE

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
PROBABLY VEIN  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

PRODUCTION  
NO PRODUCTION  
PRODUCTION COMMENTS.... IT IS DOUBTFUL THERE WAS ANY PRODUCTION

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

GENERAL COMMENTS  
LITTLE IS KNOWN OF THIS PROSPECT EXCEPT THAT INFORMATION CONTAINED IN THE COUNTY DEED BOOK.

GENERAL REFERENCES  
1) SWEET, P.C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) SPOTSYLVANIA COUNTY DEED BOOK LL, P. 416.

**KNAPP MINE**

RECORD IDENTIFICATION  
RECORD NO. .... W000453  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GL-002  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... WRIGH  
7, NANCY A.  
DATE ..... 72  
05  
UPDATED..... 79  
07  
BY ..... MEINT  
ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
DEPOSIT NAME ..... KNAPP MINE  
SYNONYM NAME ..... NEW DOMINION MINE  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE ..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE ..... VA  
STATE NAME: VIRGINIA  
COUNTY ..... SPOTSYLVANIA  
DRAINAGE AREA ..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
LAND CLASSIFICATION..... 01  
QUAD SCALE QUAD NO OR NAME  
1: 24000 BELMONT, VA  
LATITUDE LONGITUDE  
38-08-22N 077-48-14W  
UTM NORTHING UTM EASTING UTM ZONE NO  
4224810. 254260. +18  
ALTITUDE.. 325 FT (86 M)  
POSITION FROM NEAREST PROMINENT LOCALITY: 2.82 KM (1.75 MI) SE OF STUBBS.  
LOCATION COMMENTS: 0.08 KM (0.05 MI) OFF NORTH SIDE OF STATE ROAD 601, 0.88 KM (0.55 MI) BY ROAD WNW OF JUNCTION WITH STATE ROAD 643.  
COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU  
ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... CONTINENTAL CAN CO

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
PROBABLY VEIN /SHEAR ZONE  
DESCRIPTION OF WORKINGS  
SURFACE  
COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, TWO CAVED PITS, A TRENCH, AND SCATTERED DUMP MATERIAL WAS NOTED.

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
PRODUCTION COMMENTS.... NO MENTION OF WHETHER OR NOT THERE WAS EVER ANY PRODUCTION.

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL-ORD  
HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GRAPHITE SCHIST  
PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: CHOPAWAMSTIC FORMATION  
AGE: EPAL

GENERAL COMMENTS  
LITTLE IS KNOWN OF THIS MINE. THE VIRGINIAS (1884) BEING THE ONLY REFERENCE OUTSIDE OF THE COUNTY DEED BOOK.

GENERAL REFERENCES  
1) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
2) THE VIRGINIAS, 1884, THE KNAPP GOLD MINE: V 5, NO 8 P. 138.  
3) SPOTSYLVANIA COUNTY DEED BOOK XX, P. 416 AND DEED BOOK YY, P. 460.

## MARSDEN PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. W000426  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 13  
 FILE LINK ID VDMR  
 DEPOSIT NO. GK-024  
 MAP CODE NO. OF REC.

REPORTER  
 NAME WRIGH  
 T, NANCY A.  
 DATE 72  
 05  
 UPDATED 79  
 07  
 BY BEAU  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME MARSDEN PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY SPOTSYLVANIA  
 DRAINAGE AREA 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE

LATITUDE LONGITUDE  
 38-16-47N 077-43-09W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4240150. 262150. +18

ALTITUDE 390 FT (118M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.5KM (2.2MI) W OF BROCKROAD, VA.

LOCATION COMMENTS: 0.6KM (0.4MI) SW FROM THE END OF LONGSTREET DRIVE AND 0.16KM (0.1MI) S OF THE OLD RAILROAD GRADE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 4

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. OF MINERAL RESOURCES SITE INSPECTED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN /SHEAR ZONE

## DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 SCATTERED PIECES OF QUARTZ WERE THE ONLY REMAINING EVIDENCE OF THE MINE REPORTED BY SWEET IN 1979.

PRODUCTION  
 UNDETERMINED

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS.... UNKNOWN IF THERE WAS PRODUCTION.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS EPAL  
 HOST ROCK TYPES SCHIST

PERTINENT MINERALOGY QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING.. PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION

## GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIV. OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) CLINE, J. H., WATSON, T. L., AND WRIGHT, F. J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISIANA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63 360.

## MITCHELL PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. W000449  
 RECORD TYPE X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 13  
 FILE LINK ID VDMR  
 DEPOSIT NO. HL-010  
 MAP CODE NO. OF REC.

REPORTER  
 NAME WRIGH  
 T, NANCY A.  
 DATE 72  
 05  
 UPDATED 79  
 07  
 BY BEAU  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME MITCHELL PROSPECT  
 SYNONYM NAME OLD DOMINION PROSPECT, EMILY PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA

COUNTY SPOTSYLVANIA  
 DRAINAGE AREA 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT

LATITUDE LONGITUDE  
 38-10-31N 077-46-54W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4228700. 256340. +18

ALTITUDE 320 FT (91M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.2KM (1.4MI) SE OF PORTERS, VA.

LOCATION COMMENTS: ALONG KNIGHTS BRANCH OFF THE S SIDE OF A WOODS ROAD, ABOUT 1.8 KM (1.1MI) BY ROAD SW OF ITS INTERSECTION WITH STATE ROAD 606 AT MASTINS CORNER.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU

MAIN COMMOD. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIVISION OF MINERAL RESOURCES: SITE INSPECTED

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEINS/SHEAR ZONE

## DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 ABOUT 12 WATER-FILLED PITS, SOME OF WHICH MAY BE CAVED SHAFTS, AND SEVERAL LEAF-COVERED DUMPS WERE REPORTED AT THE SITE IN 1974

PRODUCTION  
 UNDETERMINED

PRODUCTION COMMENTS.... THERE IS NO MENTION OF WHETHER OR NOT THE MINE EVER PRODUCED.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS EPAL  
 HOST ROCK TYPES SCHIST

PERTINENT MINERALOGY QUARTZ

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING.. PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 SEVERAL PILES OF QUARTZ WERE REPORTED IN 1974.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) CLINE, J. H., WATSON, T. L., AND WRIGHT, P. J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUSA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P.
- 3) SPOTSYLVANIA COUNTY DEED BOOK YY, P. 443; DEED BOOK ZZ, P. 1., SCALE 1:63 360.
- 4) FREDERICKSBURG LEDGER, JUNE 21, 18729
- 5) PARDEE, J. T., AND PARK, C. F., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: USGS PP 213, 152 P.
- 6) WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, U.P. BELL CO., P. 549-567.

**MOTT MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W000437  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID. .... VDMR  
 DEPOSIT NO. .... GK-035  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 05  
 UPDATED. .... 79  
 07  
 BY ..... BEAUL  
 TEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME ..... MOTT MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA  
 COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION. .... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH  
 LATITUDE LONGITUDE  
 38-19-25N 077-33-56W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4244630. 275710. +18  
 ALTITUDE.. 220 FT (66 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 3.94KM (2.45MI) NNW OF FIVEMILE FORK.

LOCATION COMMENTS: 0.3KM (.2MI) OFF THE SW SIDE OF STATE ROAD 618 ABOUT 4.0KM (2.5MI) BY ROAD E OF ITS INTERSECTION WITH STATE ROAD 620.

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL .....  
 OCCURRENCE..... PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD, AURIFEROUS PYRITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... PRE-1865  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. PRE-1865

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VIRG. DIVISION OF MINERAL RESOURCES: SITE INSPECTED

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 0.9 M

COMMENTS(DESCRIPTION OF DEPOSIT):  
 THE VEIN WAS 0.8 TO 0.9 M (2.5 TO 3 FT) WIDE AND IN A GANGUE OF QUARTZ WAS AURIFEROUS PYRITE, NATIVE GOLD AND IRON OXIDE. THE RED, FOAMY TOPSOIL ALSO CONTAINED GOLD IN REMUNERATIVE QUANTITY{

DESCRIPTION OF WORKINGS

DEPTH OF WORKINGS BELOW SURFACE. 15 M

COMMENTS(DESCRIP. OF WORKINGS):  
 2 CAVED PITS MEASURING 3M BY 1.3M AND 9.2M BY 2M; BOTH WITH RIM DUMPS AND A MAXIMUM DEPTH OF 1M WERE REPORTED BY SWEET (1979). CREDNER REPORTED 3 SHAFTS HAD BEEN SUNK ON THE VEIN TO DEPTHS OF 15, 9.1, AND 7.6 M (50, 30, AND 25 FT) RESPECTIVELY. THEY WERE ALL CAVED IN 1865 WHEN CREDNER VISITED THE MINE.

PRODUCTION

YES  
 SMALL PRODUCTION  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 PRODUCTION YEARS..... PRE-1865  
 SOURCE OF INFORMATION (PRODUCTION)... CREDNER (1868-1869)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, MICACEOUS GNEISS  
 PERTINENT MINERALOGY..... QUARTZ, PHLOGOPITE

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX OF THE CHOPAWAMSI FORMATION  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 CLIFFS NEAR THE MINE STRIKE N 50 DEG E AND DIP TO THE NW.

GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 110 P
- 3) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 393.
- 4) SPOTSYLVANIA COUNTY DEED BOOK LL, P. 416.

**NEW DOMINION MINE (See Knapp Mine)**

**NEW GRINDSTONE MINE**

RECORD IDENTIFICATION  
 RECORD NO. .... W029533  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... MEINT  
 ZER (D. C. LE VAN), ROBERT E.  
 DATE ..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME ..... NEW GRINDSTONE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION. .... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.  
 LATITUDE LONGITUDE  
 38-11-52N 077-46-39W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4231210. 256780. +18  
 ALTITUDE.. 395 FT (120 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.3 KM (0.8 MI) NE OF PORTERS.

LOCATION COMMENTS: 0.72 KM (0.45 MI) OFF NORTH SIDE OF STATE ROAD 606, 0.5 KM (0.3 MI) BY ROAD NW OF JUNCTION WITH STATE ROAD 612.

COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU AG ZN PB PYR

PRODUCER(PAST OR PRESENT):

MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL .....  
 OCCURRENCE..... AG ZN PB PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, SPHALERITE, PYRITE, CHALCOPYRITE, GALENA

MAIN ORE MINERALS:  
 NATIVE GOLD

MINOR ORE MINERALS:  
 SPHALERITE, PYRITE, CHALCOPYRITE, GALENA

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... 1910 (?)  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. 1910 (?)  
 PRESENT/LAST OWNER..... CHESAPEAKE CORP. OF VA.  
 PRESENT/LAST OPERATOR.... NEW JERSEY ZINC CO.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1910 DIREXPL PROBABLE FIRST ATTEMPT AT DEVELOPMENT  
 2) 1955 OTHER NEW JERSEY ZINC CO.: LEASED PROPERTY  
 3) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, THREE WATER-FILLED SHAFTS, AND TEN HILLSIDE TRENCHES AND CUTS EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS.... THERE IS NO INDICATION OF PRODUCTION; IT WAS PROBABLY SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GNEISS  
 AGE OF ASSOC. IGNEOUS ROCKS... TRI  
 IGNEOUS ROCK TYPES..... DIABASE  
 PERTINENT MINERALOGY..... QUARTZ, LIMONITE, SPECULAR HEMATITE, MAGNETITE (?)

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION.  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: DIABASE DIKE  
 AGE: TRI

COMMENTS (GEOLOGY AND MINERALOGY):  
 DIABASE DIKE LOCATED ABOUT 0.4 KM WEST OF MINE.

GENERAL COMMENTS

THROUGH TWO SEPARATE WORKINGS, THE LITERATURE DOES NOT DISTINGUISH WELL BETWEEN THE NEW GRINDSTONE AND GRINDSTONE MINES. THE NEW GRINDSTONE IS PROBABLY THE MINE TO WHICH REFERRED BY MCCASKEY (1911, 1912) AND IS THE LATER DEVELOPED MINE.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, IN PRESS.
- 2) MCCASKEY, H.D., 1911, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1910 (MINE PRODUCTION), IN MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR 1910, PT. 1, METALS: U.S. GEOLOGICAL SURVEY, P. 875-891.
- 3) MCCASKEY, H.D., 1912, GOLD, SILVER, COPPER, LEAD, AND ZINC IN THE EASTERN STATES IN 1911 (MINE PRODUCTION), IN MINERAL RESOURCES OF THE UNITED STATES, CALENDAR YEAR 1911, PT. 1, METALS: U.S. GEOLOGICAL SURVEY, P. 873-888.

OLD DOMION PROSPECT (See Mitchell Prospect)

POCAHONTAS MINE (See Goodwyn Mine)

POWELL'S PROSPECT

RECORD IDENTIFICATION  
 RECORD NO..... W028976  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... POWELL'S PROSPECT  
 SYNONYM NAME..... POWELLS PROSPECT, JERDONES PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BROKENBURG, VA.

LATITUDE LONGITUDE  
 38-12-29N 077-44-51W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4232270 259440 +18

ALTITUDE.. 355 FT (108 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 3.15 KM (1.95 MI) SW OF THE OLD SHADY GROVE CHURCH.

LOCATION COMMENTS: 1.3 KM (0.8 MI) ALONG LOGGING ROAD OFF THE NW SIDE OF STATE ROAD 612 (PAMUNKEY ROLLING ROAD), 3.2 KM (2.0 MI) BY ROAD SW OF JUNCTION WITH STATE ROAD 608.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD (?)

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 3  
 YEAR OF DISCOVERY..... PRIOR TO 1867  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... CHESAPEAKE CORP. OF VA.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

EXPLOR. AND DEVELOP. COMMENTS:  
 PROSPECT PROBABLY WORKED PRIOR TO CIVIL WAR; LOCATION SHOWN ON AN 1867 MAP.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 RECONNAISSANCE DISCLOSED A CAVED PIT, HILLSIDE TRENCH AND SCATTERED QUARTZ IN 1974.

PRODUCTION

PRODUCTION COMMENTS.... NO PRODUCTION DATA AVAILABLE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GRAY SCHIST  
 PERTINENT MINERALOGY..... QUARTZ (SOME EXHIBITING CLEAR XLS.)

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: QUANTICO SLATE (?)  
 AGE: ORD

GENERAL COMMENTS  
 LITTLE INFORMATION IS AVAILABLE ON THIS PROSPECT.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

PROSPECT (A) (SPOTSYLVANIA CO.)

RECORD IDENTIFICATION  
 RECORD NO..... W028978  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC...  
 REPORTER

NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... PROSPECT (A) (SPOTSYLVANIA CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 30

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA.

LATITUDE LONGITUDE  
 38-18-35N 077-40-02W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4243350 266790 +18

ALTITUDE... 350 FT (107 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.9 KM (1.8 MI) WEST OF CHANCELLORSVILLE.

LOCATION COMMENTS: NOW COVERED BY EASTBOUND LANE OF STATE HWY. 3 ABOUT 0.5 KM (0.3 MI) BY ROAD EAST OF JUNCTION WITH STATE ROAD 621.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD (?)

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1971 RECON VA. DIV. MIN. RES. INSPECTED SITE

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1971 WORKINGS REMAINING CONSISTED OF SINGLE CAVED PIT AND DUMP.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GREENSTONE SCHIST

PERTINENT MINERALOGY..... QUARTZ, PYRITE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSC FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 THIS UNNAMED PROSPECT WAS LOCATED AND DESIGNATED AS "PROSPECT (A)" BY SWEET (1980). AS OF 7/79, NO CORRELATION WITH ANY NAMED PROSPECT OR MINE HAS BEEN MADE

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

**PROSPECT (B) (SPOTSYLVANIA CO.)**

RECORD IDENTIFICATION  
 RECORD NO..... W028982  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE..... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC.....

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... PROSPECT (B) (SPOTSYLVANIA CO.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.

LATITUDE LONGITUDE  
 38-11-37N 077-46-48W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4230750. 256550. +18

ALTITUDE... 410 FT (125 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.0 KM (0.6 MI) EAST OF PORTERS.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF NORTH SIDE OF STATE ROAD 606, 0.5 KM (0.3 MI) BY ROAD WEST OF JUNCTION WITH STATE ROAD 612 AT MASTINS CORNER.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, FOUR WATER-FILLED AND CAVED PITS WERE EVIDENT.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GRAY SCHIST

PERTINENT MINERALOGY..... QUARTZ WITH IRON STAINS

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSC FORMATION.  
 AGE: EPAL

GENERAL COMMENTS  
 THIS UNNAMED PROSPECT WAS LOCATED AND DESIGNATED AS "PROSPECT (B)" BY SWEET (1980). AS OF 7/79, NO CORRELATION WITH ANY NAMED PROSPECT OR MINE HAS BEEN MADE.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

**QUAKER PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W000427  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE..... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-025  
 MAP CODE NO. OF REC.....

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... QUAKER PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... 02 YORK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 CHANCELLORSVILLE, VA

LATITUDE LONGITUDE  
38-15-60N 077-40-52W

UTM NORTHING UTM EASTING UTM ZONE NO  
4238590. 265430. +18

ALTITUDE... 350 FT (107 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 0.90 KM (0.55 MI) SOUTH OF BROCKROAD.

LOCATION COMMENTS: 0.12 KM (0.075 MI) OFF NE SIDE OF JACKSON TRAIL, 0.70 KM (0.45 MI) BY ROAD NW OF JUNCTION WITH STATE ROAD 613 (BROCK ROAD).

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 2  
NATURE OF DISCOVERY..... A

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA DIV MIN RES: INSPECTED SITE

DESCRIPTION OF DEPOSIT  
DEPOSIT TYPES:  
PROBABLY VEIN /SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL(?)

DESCRIPTION OF WORKINGS  
COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, A WATER-FILLED DEPRESSION AND SMALL (AV D) PITS WERE NOTED.

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS..... PRODUCTION ISN'T MENTIONED BUT THERE WAS PROBABLY NONE.

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... SCHIST

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA S YCLINE  
TECTONIC SETTING..... PIEDMONT  
LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: QUANTICO SLATE (2)  
AGE: ORD

GENERAL COMMENTS  
THERE IS VERY LITTLE INFORMATION CONCERNING THIS PROSPECT. PARDEE AND PARK ONLY MENTION IT.

GENERAL REFERENCES  
1) PARDEE, J.T., AND PARK, C.F., 1948, USGS P.P. 213, P. 54  
2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 109  
3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

### RAMSEY MINE

RECORD IDENTIFICATION  
RECORD NO..... W000435  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION... USGS  
INFORMATION SOURCE..... 13  
FILE LINK ID..... VDMR  
DEPOSIT NO..... GK-033  
MAP CODE NO. OF REC...

REPORTER  
NAME..... WRIGH  
T, NANCY A.  
DATE..... 72  
05  
UPDATED..... 79  
07  
BY..... BEAUL  
IEU, HARVEY R. (LE VAN, D. C.)

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 SALEM CHURCH, VA.

LATITUDE LONGITUDE  
38-20-36N 077-34-34W

UTM NORTHING UTM EASTING UTM ZONE NO  
4246850. 274860. +18

ALTITUDE... 250FT (76.2M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 6.2KM (3.9MI) NW OF FIVEMILE FORK, VA.

LOCATION COMMENTS: 1.37KM (0.85MI) OFF THE NE SIDE OF STATE ROAD 618 ABOUT 2.17KM (1.35MI) BY ROAD NE OF ITS INTERSECTION WITH STATE ROAD 620. 0.9KM (0.6MI) NE OF THE BELL MINE.

COMMODITY INFORMATION  
COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 6

WORK DONE BY OTHER ORGANIZATIONS  
YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) DIREXPL ORGANIZATION UNKNOWN; MINOR DEVELOPEMENT AT SURFACE  
2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED.

DESCRIPTION OF WORKINGS  
COMMENTS(DESCRIP. OF WORKINGS):  
TWO SHALLOW PITS, THE LARGER MEASURING 5.5M BY 1M, A SMALL TRENCH AND SMALL PILES OF QUARTZ AND COARSE- TO MEDIUM-GRAINED GRANITE PEBBLES AND COBBLES WERE REPORTED IN 1974.

PRODUCTION  
YES  
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
1 ORE SML

PRODUCTION YEARS..... PRE-1900

SOURCE OF INFORMATION (PRODUCTION)... LONSDALE, J.T., 1927, GEOLOGY OF GOLD-PYRITE BELT

GEOLOGY AND MINERALOGY  
AGE OF HOST ROCKS..... EPAL  
HOST ROCK TYPES..... SCHIST, GRANITE

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
IGNEOUS ROCK TYPES..... GRANITE

GEOLOGICAL DESCRIPTIVE NOTES. THE HOST ROCK INFO. IS FROM THE VA. STATE GEOLOGICAL MAP. LONSDALE REF. SAYS THE MINE IS NEAR GRANITE, AND NO VEIN MATERIAL WAS SEEN.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: FREDERICKSBURG COMPLEX  
AGE: EPAL  
2) NAME: QUANTICO SLATE  
AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
AGE: EPAL

GENERAL COMMENTS  
MINE ABANDONED IN LATE 1800'S.

GENERAL REFERENCES  
1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 30, 110 P.  
3) LUTTRELL, G.W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
4) CLINE, J.H., WATSON, T.L., AND WRIGHT, F.J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63 360.

NAME AND LOCATION  
DEPOSIT NAME..... RAMSEY MINE



**RANDOLPH PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W000428  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-026  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... BEAUL  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... RANDOLPH PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 BROKENBURG, VA.  
 LATITUDE LONGITUDE  
 38-14-50N 077-43-39W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4236570. 261310. +18  
 ALTITUDE.. 340 FT (103.6 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 5.1 KM (3.2 MI) WEST OF  
 TODD'S TAVERN, VA.  
 LOCATION COMMENTS: 0.3 KM (0.2 MI) NE OF WHITEHALL CREEK; 3.2 KM (2.0 MI)  
 MNW OF SHADY GROVE CORNER.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL ORGANIZATION UNKNOWN; SEVERAL SMALL SHAFTS SUNK.  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED BY  
 SWEET.  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 SEVEN WATER-FILLED AND CAVED SHAFTS, SIX CAVED PITS AND CUTS, AND SEVERAL  
 DUMPS WERE REPORTED BY SWEET IN 1974

PRODUCTION  
 NO PRODUCTION  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 PRODUCTION COMMENTS..... THERE IS NO MENTION OF ANY PRODUCTION.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

GENERAL REFERENCES  
 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 110  
 2) PARDEE, J.T., AND PARK, C.F., 1948, USGS P.P. 213, P. 54.  
 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.  
 4) CLINE, J.H., WATSON, T.L., AND WRIGHT, F.J., 1921, A GEOLOGIC MAP OF THE  
 PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA  
 GEOLOGICAL SURVEY, 1 P., SCALE 1:63 360.

**RAWLINGS PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO. .... W000445  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... HL-006  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... BEAUL  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... RAWLINGS PROSPECT  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.  
 LATITUDE LONGITUDE  
 38-12-00N 077-46-29W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4231450. 257010 +18  
 ALTITUDE.. 400 FT (122 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 1.6 KM (1.0 MI) NE OF  
 PORTERS, VA.  
 LOCATION COMMENTS: 1.1 KM (0.7 MI) N OF THE INTERSECTION OF STATE ROAD 606  
 WITH STATE ROAD 612 AT MASTIN'S CORNER, VA.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL ORGANIZATION UNKNOWN; MINOR TRENCHING APPARENTLY  
 PRODUCED NO ORE.  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED BY  
 SWEET.  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 TWO CAVED PITS MEASURING 5.5 M BY 1.5 M WITH MAXIMUM DEPTH OF 0.6 M, AND  
 4.6 M BY 1.8 M WITH MAXIMUM DEPTH OF 1.5 M; FOUR SMALL TRENCHES, THE  
 LARGEST MEASURING 5.5 M BY 1.2 M WITH 0.6 M MAXIMUM DEPTH; A SMALLER  
 PIT, AND FOUR RIM DUMPS ALL WERE REPORTED NEAR A HILLTOP BY SWEET IN 1974.

PRODUCTION NO  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... LIMONITE, SPECULAR HEMATITE, MAGNETITE,  
 SUGARY QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE; NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: PPA  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 LIGHT GRAYISH SCHIST

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL  
 RESOURCES, PUBLICATION 19, 77 P.  
 2) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS METAL AND RELATED ORE DEPOSITS  
 OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCE  
 REPORT 7, 167 P.  
 3) PARDEE, J.T., AND PARK, C.F., JR., 1948, GOLD DEPOSITS OF THE SOUTHERN  
 PIEDMONT: U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 213, 156 P. 156 P.

4) CLINE, J.H., WATSON, T.L., AND WRIGHT, F.J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63, 360.

## RONEY PROSPECT

RECORD IDENTIFICATION  
 RECORD NO. .... W000446  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE ... 13  
 FILE LINK ID ..... VDMR  
 DEPOSIT NO. .... HL-007  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T. NANCY A.  
 DATE ..... 72  
 05  
 UPDATED ..... 79  
 07  
 BY ..... BEAUL  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME ..... RONEY PROSPECT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... O2 YORK RIVER  
 PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE ..... QUAD NO OR NAME  
 1: 24000 ..... BELMONT

LATITUDE ..... LONGITUDE  
 38-12-40N ..... 077-45-45W

UTM NORTHING ..... UTM EASTING ..... UTM ZONE NO  
 4232650. .... 258130. .... +18

ALTITUDE .. 320 FT (97.5 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 2.6 KM (1.6 MI) NNE OF MASTINS CORNER.

LOCATION COMMENTS: ON CATHARPIN RUN, 1.0 KM (0.6 MI) OFF THE S SIDE OF STATE ROAD 608 AT LOGAN, VA.

### COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU AG ZN PB CU PYR

MAIN COMMOD. .... AU  
 MINOR COMMOD. .... AG ZN PB CU PYR

### ORE MATERIALS (MINERALS, ROCKS, ETC.):

PROBABLY NATIVE GOLD AND NATIVE SILVER, SPHALERITE, GALENA, CHALCOPYRITE, PYRITE

### EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2

### WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL ORGANIZATION UNKNOWN; MINOR SURFACE DIGGING; NO PRODUCTION REPORTED  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES; SITE INSPECTED BY SWEET.

### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE

### DESCRIPTION OF WORKINGS

SURFACE

### COMMENTS (DESCRIP. OF WORKINGS):

TWO CAVED PITS, ONE MEASURES 18.3 M BY 5.5 M WITH 1.2 M MAX. DEPTH, IT EXPOSES QUARTZ-SERICITE SCHIST, HAS A SMALL CAVED DUMP OF MOSTLY SCHIST AND SOME QUARTZ. THE OTHER PIT MEASURES 6.1 M BY 1.3 M, AND IS SHALLOW WITH MOSTLY LOOSE WHITE QUARTZ IN IT. A FEW PILES OF WHITE TO BROWN QUARTZ. AS SEEN IN 1974 BY P. SWEET.

### PRODUCTION NO

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS.... THERE IS NO MENTION OF WHETHER THERE WAS EVER ANY PRODUCTION

### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ..... EPAL  
 HOST ROCK TYPES ..... QUARTZ-SERICITE SCHIST, QUARTZITE

PERTINENT MINERALOGY ..... QUARTZ

### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE  
 TECTONIC SETTING ..... PIEDMONT

### LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 AGE: EPAL

### COMMENTS (GEOLOGY AND MINERALOGY):

QUARTZ IS WHITE TO IRON-STAINED; PERTINENT MINERALOGY (EXCEPT QUARTZ) IS TAKEN FROM LUTTRELL AND THIS MINERALIZATION WAS NOT REPORTED IN 1974.

### GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LUTTRELL, G. W., 1966, BASE AND PRECIOUS METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 3) CLINE, J.H., WATSON, T.L., AND WRIGHT, F.J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63,360.

## SMITH MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000434  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE ... 13  
 FILE LINK ID ..... VDMR  
 DEPOSIT NO. .... GK-032  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T. NANCY A.  
 DATE ..... 72  
 05  
 UPDATED ..... 79  
 07  
 BY ..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

### NAME AND LOCATION

DEPOSIT NAME ..... SMITH MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... SPOTSYLVANIA  
 DRAINAGE AREA ..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... O2 PIEDMONT  
 LAND CLASSIFICATION ..... 01

QUAD SCALE ..... QUAD NO OR NAME  
 1: 24000 ..... SALEM CHURCH, VA

LATITUDE ..... LONGITUDE  
 38-19-47N ..... 077-35-21W

UTM NORTHING ..... UTM EASTING ..... UTM ZONE NO  
 4245370. .... 273670. .... +18

ALTITUDE .. 290 FT (88 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.25 KM (3.25 MI) NORTH OF CHANCELLOR.

LOCATION COMMENTS: 0.2 KM (0.1 MI) OFF SE SIDE OF STATE ROAD 618, 1.3 KM (0.8 MI) BY ROAD NE OF JUNCTION WITH STATE ROAD 620.

### COMMODITY INFORMATION

COMMODITIES PRESENT ..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

### EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY ..... A  
 PRESENT/LAST OWNER ..... D DUNLOP

### WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA DIV MIN RES. INSPECTED SITE

### EXPLOR. AND DEVELOP. COMMENTS:

LONSDALE (1927) STATES WORK AT MINE HAD BEEN CEASED FOR MORE THAN THIRTY YEARS.

### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PROBABLY QUARTZ VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT ..... SMALL(?)

### DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
 IN 1974, EIGHT WATER-FILLED AND CAVED PITS, THREE TRENCHES, AND COVERED DUMPS WERE NOTED.

### PRODUCTION

YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE	SML				

PRODUCTION YEARS..... PRE-1900  
 SOURCE OF INFORMATION (PRODUCTION)... LUTTRELL REF.  
 PRODUCTION COMMENTS.... PRODUCTION WAS NOT LARGE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... MICA SCHIST

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
 IGNEOUS ROCK TYPES..... GRANITE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. THE HOST ROCK INFO. IS FROM THE VA. STATE GEOLOGICAL MAP. LONSDALE REF. SAYS THIS MINE IS NEAR GRANITE, AND NO VEIN MATERIAL WAS SEEN.

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDRICKSBURG COMPLEX  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: FREDRICKSBURG COMPLEX  
 AGE: EPAL

GENERAL COMMENTS

THERE IS NOT MUCH INFORMATION AVAILABLE CONCERNING THIS DEPOSIT. THE MINE HAS BEEN ABANDONED SINCE THE LATE 1800'S.

GENERAL REFERENCES

- 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 120
- 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P

**STAIRS MINE (See Starrs Mine)**

**STAJAR'S MINE (See Starrs Mine)**

**STARRS MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W028977  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... STARRS MINE  
 SYNONYM NAME..... STAJAR'S MINE, STAIRS MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 BELMONT, VA.

LATITUDE LONGITUDE  
 38-08-32N 077-48-23W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4225110. 254060. +18

ALTITUDE.. 300 FT (91 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 2.2 KM (1.4 MI) ESE OF STUBBS.

LOCATION COMMENTS: ALONG WEST SIDE OF PIGEON RUN, 0.3 KM (0.2 MI) OFF NORTH SIDE OF STATE ROAD 601, 1.20 KM (0.75 MI) BY ROAD WEST OF JUNCTION WITH STATE ROAD 643.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):

MAJOR PRODUCTS... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1867  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1867  
 PRESENT/LAST OWNER..... M. WILSON & L.N. CHAMBLEE

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 PLACER  
 FORM/SHAPE OF DEPOSIT: LINEAR

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

IN 1974, ABOUT FIVE CAVED PITS AND COVERED PITS WERE EVIDENT.

PRODUCTION

YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS.... PRODUCTION NOT REPORTED, BUT PROBABLY SMALL.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL-QUAT  
 HOST ROCK TYPES..... SCHIST, GRAVEL

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS

THIS WAS APPARENTLY A PLACER OPERATION WHICH HAD STARTED PRIOR TO 1867. LITTLE INFORMATION ABOUT THE MINE IS AVAILABLE.

GENERAL REFERENCES

- 1) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PART 3: ROCKS AND MINERALS, V. 47, NO. 9, P. 515-23
- 2) SWEET, P.C., 1980, GOLD IN VIRGINIA: VDMR PUB 19, 77 P.

**TRIGG PROSPECT**

RECORD IDENTIFICATION  
 RECORD NO..... W029541  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1, 2  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LE VAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... TRIGG PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 YORK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME  
 1: 24000 CHANCELLORSVILLE, VA.

LATITUDE LONGITUDE  
 38-17- N 077-41- W

UTM NORTHING UTM EASTING UTM ZONE NO

POSITION FROM NEAREST PROMINENT LOCALITY: NEAR BROCKVILLE (BROCKROAD); EXACT LOCATION UNKNOWN.

LOCATION COMMENTS: NEAR STEPHENS(1 KM WNW OF BROCKROAD, TOWN NO LONGER LISTED AS STEPHENS), ON SOUTH SIDE OF OLD POTOMAC, PIEDMONT, AND FREDRICKSBURG R.R.; A TRACT OF APPROXIMATELY 158 ACRES BOUNDED BY LANDS OF OSCAR TODD, GEORGE ROWE WELFORD, AND ALEXANDER B. HAWKINS.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1  
 YEAR OF DISCOVERY..... 1881 (?)  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OPERATOR.... TUCKER MINING CO.; COL. GEO. W. KIRK, SUPT.

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1881 DIREXPL TUCKER MINING CO.; BEGAN DEVELOPMENT  
 2) 1974 RECON VA. DIV. MIN RES.; UNABLE TO LOCATE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

PRODUCTION  
 NO PRODUCTION

PRODUCTION COMMENTS..... PRODUCTION IS DOUBTFUL

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST (?)

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL COMMENTS  
 LITTLE IS KNOWN OF THIS MINE EXCEPT FOR THE VIRGINIAS (1881) REPORT AND DEED REGISTRATION.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) THE VIRGINIAS, 1881, GOLD-MINING IN VIRGINIA, V. 2, NO. 12, P. 182.  
 3) SPOTSYLVANIA COUNTY DEED BOOK WW, P. 799.

UNITED STATES MINE

RECORD IDENTIFICATION  
 RECORD NO..... W000430  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE..... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... CK 028  
 MAP CODE NO. OF REC.

REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... UNITED STATES MINE  
 SYNONYM NAME..... WELFORD MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... SPOTSYLVANIA  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA

LATITUDE LONGITUDE  
 38-21-25N 077-37-17W

UTM NORTHING UTM EASTING UTM ZONE NO  
 44248480. 270940. +18

ALTITUDE.. 285 FT (87 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 6.2 KM (3.9 MI) NORTH OF  
 FREDERICKSBURG-SPOTSYLVANIA NATIONAL MILITARY PARK.

LOCATION COMMENTS: 1.0 KM (0.6 MI) DOWN A WOODS ROAD OFF NORTH SIDE OF

STATE ROAD 620, 1.1 KM (0.7 MI) BY ROAD NORTH OF JUNCTION WITH STATE ROAD 616.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU ZN PB CU W V PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS... AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... ZN PB CU W V PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PYRITE, MARCASITE, CHALCOPYRITE, SPHALERITE, GALENA, WULFENITE, VANADINITE, NATIVE GOLD

COMMODITY COMMENTS:  
 GANGUE MINERALS ARE QUARTZ, SERICITE, CHLORITE AND ANKERITE. THE GOLD TENDS TO BE COARSE, AND MANY SPECIMENS CONTAINED VISIBLE SPECKS OF FREE GOLD.

ANALYTICAL DATA(GENERAL)  
 ASSAY OF ORE CRUSHED WAS 1 TOZ PER TON.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1835  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION... 1835  
 PRESENT/LAST OPERATOR.... NORTH AMERICAN MINING CO, INC

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1835 DIREXPL US MINING CO; CONDUCTED INITIAL DEVELOPMENT AND PRODUCTION.  
 2) 1865 DIREXPL MILL ERECTED, SHAFT DEEPEINED.  
 3) 1934 DIREXPL NORTH AMERICAN MINING CO; PROSPECTED WORKINGS, NO NEW DEVELOPMENTS.

EXPLOR. AND DEVELOP. COMMENTS  
 A MILL WAS ERECTED IN 1865, AND IN 1868 THERE WAS A 125-FT. SHAFT. NORTH AMERICAN MINING CO. INC. PROSPECTED THE MINE IN 1934-1935.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LENSES AND STRINGERS

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL(?)  
 DEPTH TO TOP..... 0 FT(SURFACE)  
 MAX THICKNESS..... 0.61 M  
 STRIKE OF OREBODY..... N 30-40 DEG. E  
 DIP OF OREBODY..... 75 DEG. E  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THESE FIGURES REFER TO THE GOLD-BEARING QUARTZ VEINS. ONE VEIN DIPS 45 DEG NW AURIFEROUS QUARTZ HAS A SUGARY TEXTURE. PARDEE AND PARK (1948) HAVE A MORE DETAILED DESCRIPTION OF THE DEPOSIT.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE: 38 M

COMMENTS(DESCRIP. OF WORKINGS)  
 SEE PLATE 21 OF PARDEE AND PARK (1948) FOR A SURFACE PLAN OF WORKINGS. IN 1974, VA DIV MIN RES RECONNAISSANCE DISCLOSED ABOUT FIFTEEN CAVED PITS AND SEVERAL SMALL DUMPS.

PRODUCTION  
 YES  
 SMALL PRODUCTION

SOURCE OF INFORMATION (PRODUCTION)... LUTTRELL REF.

PRODUCTION COMMENTS..... NO EXACT PRODUCTION FIGURES GIVEN, BUT IN 1836 THE MINE PRODUCED \$600 PER WEEK IN AU.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... DIORITE, RHYOLITE OR DACITE (?), QUARTZ-CHLORITE, CHLORITE-AMPHIBOLE SCHIST.

AGE OF ASSOC. IGNEOUS ROCKS... EPAL  
 IGNEOUS ROCK TYPES..... DIORITE, RHYOLITE OR DACITE (?)

PERTINENT MINERALOGY..... QUARTZ, SERICITE, CHLORITE, ANKERITE, SCHORL

IMPORTANT ORE CONTROL/LOCUS... SHEAR ZONES

GEOLOGICAL DESCRIPTIVE NOTES. THE VEINS OCCUR IN SEVERAL DIFFERENT KINDS OF COUNTRY ROCK.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 REGIONAL TRENDS..... NORTHEAST-SOUTHWEST.  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

SIGNIFICANT ALTERATION:  
 IN SOME AREAS THE DIORITE IS ALTERED TO SAPROLITE

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
 SUPERGENE ENRICHMENT

GENERAL COMMENTS  
 THIS IS THE OLDEST MINE IN SPOTSYLVANIA CO. IT IS THOUGHT THAT SOME COASTAL PLAIN REMNANTS WERE ENCOUNTERED IN THE SURFACE WORKINGS (WATER-WORN COBBLES).

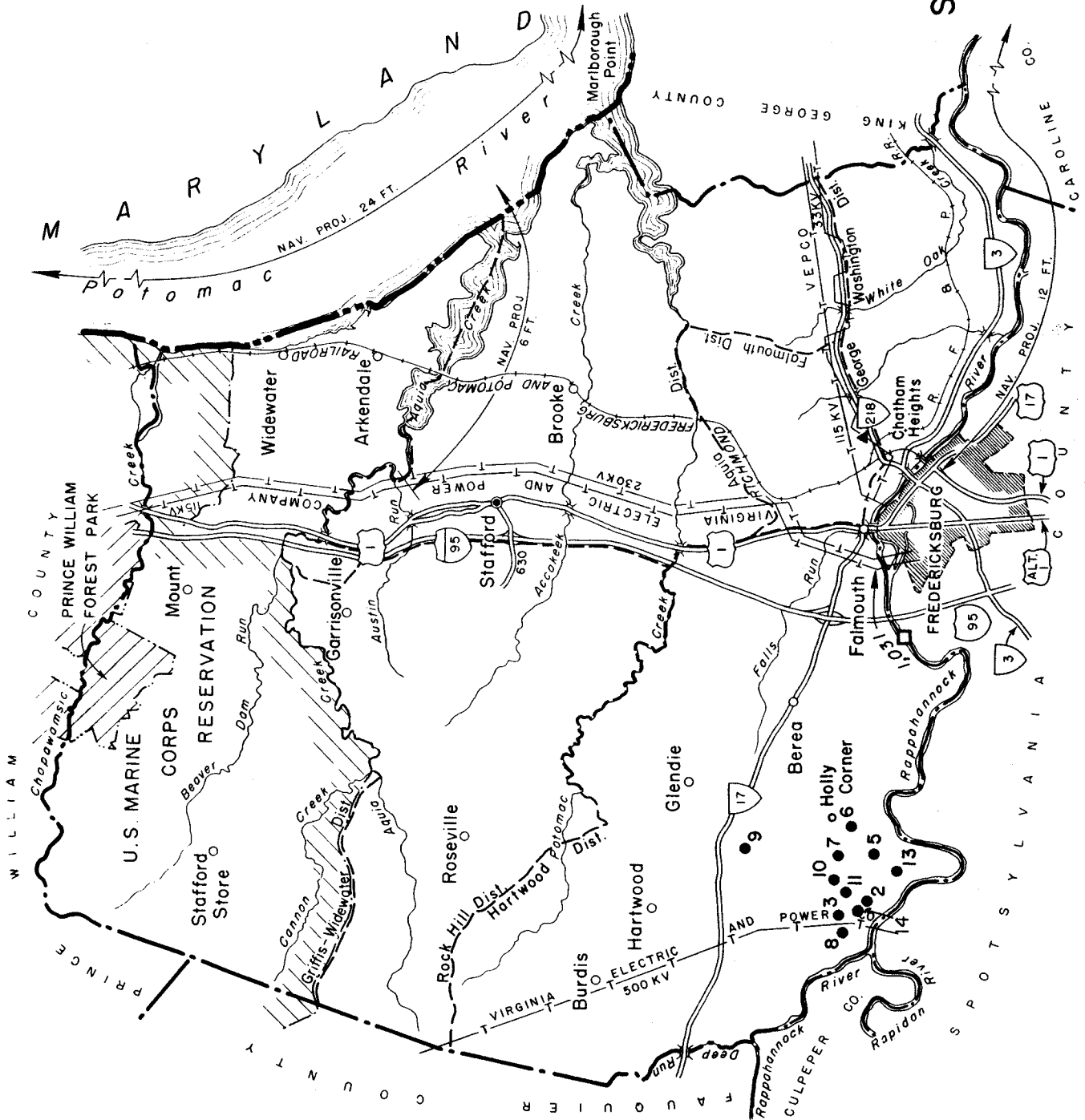
LEGEND

- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- RAILROADS
- TRANSMISSION LINES
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT
- POWER SUBSTATION
- STREAM GAGING STATION
- DIRECTION OF AND AVERAGE FLOW IN MILLIONS OF GALLONS PER DAY (FLOWS OF LESS THAN 5 M.G.D. NOT SHOWN)
- NAV. PROJ. AUTHORIZED NAVIGATION PROJECT AND CHANNEL DEPTH IN FEET
- MAGISTERIAL DISTRICT LINES

● ABANDONED GOLD MINE OR PROSPECT

STAFFORD COUNTY

VIRGINIA



## STAFFORD COUNTY

2. Eagle (Rappahannock, Smith, Morgan and Rappahannock)
3. Elliot Farm
5. Horse Pen (Horse Pin, Hospen, Rattlesnake) (two mines not plotted separately)
6. Lee
7. Macdonald
8. Monroe
9. New Hope
10. Pris-King (two shafts, not plotted separately)
11. Prospect A
13. Wise Farm
14. Rattlesnake

GENERAL REFERENCES

- 1) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.
- 2) MAURY, M. F., 1837, NOTICE OF THE GOLD VEINS OF THE UNITED STATES' MINE, NEAR FREDERICKSBURG, VA.: AMERICAN JOURNAL OF SCIENCE, V. 32, NO. 1, P. 325-330.
- 3) PARDEE, J. T. AND PARK, C. F., JR., 1948, GOLD DEPOSITS OF THE SOUTHERN PIEDMONT: U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 213, 156 P.
- 4) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 5) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 397.
- 6) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VGS BULL. 30, 110 P.
- 7) PARK, C. F., JR., 1936, PRELIMINARY REPORT ON GOLD DEPOSITS OF THE VIRGINIA PIEDMONT: VGS BULL. 44, 42 P.
- 8) WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J. P. BELL CO., P. 549-567.
- 9) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMER. JOUR. SCI. AND ARTS, VOL. 32, P. 98-130.

WELFORD MINE (See United States Mine)

WHITEHALL MINE

RECORD IDENTIFICATION  
 RECORD NO. W000452  
 RECORD TYPE K1M  
 COUNTRY/ORGANIZATION USGS  
 INFORMATION SOURCE 13  
 FILE LINK ID VDMR  
 DEPOSIT NO. G1-001  
 MAP CODE NO. OF REC.  
 REPORTER  
 NAME: WRIGH  
 T. NANCY A.  
 DATE 72  
 05  
 UPDATED 82  
 01  
 BY: TRIM  
 LE DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME WHITEHALL MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE US  
 COUNTRY NAME UNITED STATES  
 STATE CODE VA  
 STATE NAME VIRGINIA  
 COUNTY SPOTSYLVANIA  
 DRAINAGE AREA 02 YORK RIVER  
 PHYSIOGRAPHIC PROV. 02 PIEDMONT  
 LAND CLASSIFICATION 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 BROKENBURG  
 LATITUDE LONGITUDE  
 39-14-21N 077-44-19W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4235680 260320 +18  
 ALTITUDE 365 FT (111.3 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY ABOUT 3.0 KM (1.9 MI) NW OF SHADY GROVE CORNER  
 LOCATION COMMENTS 2.17 KM (1.35 MI) ALONG A LOGGING ROAD OFF THE N SIDE OF STATE ROAD 608 ABOUT 2.65 KM (1.65 MI) BY ROAD W OF ITS INTERSECTION WITH STATE ROAD 612.

COMMODITY INFORMATION  
 COMMODITIES PRESENT AU TE PB  
 PRODUCER(PAST OR PRESENT)  
 MAJOR PRODUCTS AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S)  
 POTENTIAL  
 OCCURRENCE TE PB  
 ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 AURIFEROUS PYRITE, GALENA, TELLURIUM, NATIVE GOLD  
 COMMODITY COMMENTS:  
 NATIVE TELLURIUM FOUND ENCRUSTING THE GOLD, AND A BISMUTH TELLURIDE MINERAL CONTAINING SELENIUM ARE MENTIONED IN LUTTRELL (1966).

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY 1806  
 NATURE OF DISCOVERY B  
 YEAR OF FIRST PRODUCTION 1848  
 YEAR OF LAST PRODUCTION 1884 (?)  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1848 DIREXPL WHITEHALL MINING CO.; TWO SHAFTS DEVELOPED IN INTERVALS UNTIL 1884.  
 2) 1974 RECON VIRGINIA DIVISION OF MINERAL RESOURCES; SITE INSPECTED BY SWEET, P. C.

EXPLOR. AND DEVELOP. COMMENTS:  
 GOLD IN PLACE WAS FIRST DISCOVERED IN 1806. THE MINE WAS WORKED BETWEEN THE YEARS 1848 AND 1884, EXCEPT DURING THE CIVIL WAR. SILLIMAN STATES THAT 10,000 IN GOLD WAS FOUND WITHIN AN AREA OF 20 SQUARE FEET AT THE MINE IN JUST A FEW DAYS. ANOTHER REPORT STATES THAT AT A DEPTH OF 8.5 M (28 FT), IN A SPACE OF 3 SQUARE FEET, 160,000 OF PURE GOLD WAS OBTAINED (HOTCHKISS, 1881). PROPERTY HAS ALSO BEEN OPERATED AS A PLACER, WITH NUGGETS WORTH \$1 TO \$3, AND ONE WORTH \$35, HAVING BEEN WASHED OUT PRIOR TO CREDNER'S VISIT IN 1865.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 QUARTZ VEINS, PLACER  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT MEDIUM  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 A QUARTZ VEIN CARRYING FREE GOLD AND AURIFEROUS PYRITE WAS OPENED. THE ALLUVIUM, 6.1 M (20 FT) THICK, CONTAINS FREE GOLD IN NUGGETS, AND HAS BEEN WORKED SUCCESSFULLY PRIOR TO 1865.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE 30.5 M  
 COMMENTS(DESCRIP. OF WORKINGS):  
 TWO SHAFTS, 27.5 M AND 30.5 M DEEP WERE REPORTED FLOODED IN 1865 (LUTTRELL, 1966). THREE CAVED PITTS, THE LARGEST ONE MEASURING 7.6 M BY 2.0 M, SEVERAL SHALLOW CUTS, A LARGE CUT-OUT AREA 22.8 M WIDE BY 4.6 M DEEP, A SMALL TRENCH, AND SEVERAL DUMP PILES CONTAINING SCHIST AND QUARTZ WERE REPORTED IN 1974.

PRODUCTION  
 YES  
 SMALL PRODUCTION  
 ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)  
 ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS  
 1 ORE MED VALUED AT \$1,800,000

PRODUCTION YEARS 1848-1881  
 SOURCE OF INFORMATION (PRODUCTION) LUTTRELL, REF.  
 PRODUCTION COMMENTS \$1,800,000 FROM 1848 TO 1881 ACCORDING TO RECORDS OF THE PHILADELPHIA MINT. (SWEET, P. C., 1971)

RESERVES AND POTENTIAL RESOURCES  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS EPAL, ORD  
 HOST ROCK TYPES SCHIST, SLATE  
 PERTINENT MINERALOGY QUARTZ  
 IMPORTANT ORE CONTROL/LOCUS IN QUARTZ VEINS, ALSO IN SLATE AND SCHIST

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING PIEDMONT  
 LOCAL GEOLOGY  
 NAMES, AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION  
 AGE: EPAL  
 1) NAME: QUANTICO SLATE  
 AGE: ORD  
 SIGNIFICANT LOCAL STRUCTURES:  
 COLUMBIA SYNCLINE

GENERAL COMMENTS  
 10,000 IN GOLD WAS FOUND WITHIN A 20 SQ FT AREA PRIOR TO 1837.

- GENERAL REFERENCES
- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
  - 2) SWEET, P. C., 1971, GOLD MINES AND PROSPECTS IN VIRGINIA: VIRGINIA MINERALS VOL. 17, PP. 25-35, VIRGINIA DIVISION OF MINERAL RESOURCES.
  - 3) LUTTRELL, G. W., 1966, BASE- AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REP. 7, 167 P.
  - 4) CLINE, S. H., WATSON, T. L., AND WRIGHT, F. J., 1921, A GEOLOGIC MAP OF THE PYRITE-GOLD BELT IN LOUISA AND SPOTSYLVANIA COUNTIES, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, 1 P., SCALE 1:63,360.
  - 5) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 371.
  - 6) WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J. P. BELL CO., P. 549-567.
  - 7) HOTCHKISS, J., 1881, GOLD-MINING IN VIRGINIA: THE VIRGINIAS, VOL. 2, P. 182.
  - 8) SILLIMAN, B., 1837, REMARKS ON THE GOLD MINES AND ON PARTS OF THE GOLD REGION OF VIRGINIA: AMERICAN JOURNAL OF SCIENCE AND ARTS, VOL. 32, P. 98-130.

## STAFFORD COUNTY

## EAGLE MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W000429  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID. .... VDMR  
 DEPOSIT NO. .... GK-027  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... WRIGH  
 T, NANCY A.  
 DATE ..... 72  
 05  
 UPDATED ..... 79  
 07  
 BY ..... BEAUL  
 IEU, HARVEY R. (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME ..... EAGLE MINE  
 SYNONYM NAME ..... RAPPAHANNOCK, SMITH, MORGAN AND RAPPAHANNOCK  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE ..... VA  
 STATE NAME: VIRGINIA

COUNTY ..... STAFFORD  
 DRAINAGE AREA ..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV. .... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH

LATITUDE LONGITUDE  
 02-27-52N 077-02-48W

UTM NORTHING UTM EASTING UTM ZONE NO  
 272560 272400 +8

ALTITUDE.. 235 FT (71.6 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 7.32 KM (4.55 MI) W OF BEREFA, VA.

LOCATION COMMENTS: ABOUT 1.0 KM (0.6 MI) S FROM THE END OF STATE ROAD 651

COMMODITY INFORMATION  
 COMMODITIES PRESENT ..... AU AG ZN PB PYR

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL  
 OCCURRENCE..... AG ZN PB PYR

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD, PYRITE, SPHALERITE, ARGENTIFEROUS GALENA

COMMODITY COMMENTS:  
 HOST ROCK ALSO CONTAINS MICROSCOPIC TOURMALINE CRYSTALS

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY ..... 1834 (7)  
 NATURE OF DISCOVERY ..... A  
 YEAR OF FIRST PRODUCTION. 1834  
 YEAR OF LAST PRODUCTION. 1894  
 PRESENT/LAST OPERATOR..... RAPPAHANNOCK GOLD MINING COMPANY

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1894 DIREXPL THE RAPPAHANNOCK GOLD MINING CO. FINISHED ITS EXTENSIVE WORKINGS OF THE MINE  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES: SITE INSPECTED

EXPLOR. AND DEVELOP. COMMENTS:  
 THE MINE WAS PROBABLY FIRST WORKED ABOUT 1834. CREDNER REPORTED THE MINE HAD BEEN OPERATED FOR 20 YEARS, BUT IT WAS CLOSED DOWN AT THE BEGINNING OF THE CIVIL WAR. FROM 1879 TO 1886 MINING MAGAZINES INDICATED CONSIDERABLE ACTIVITY TOOK PLACE. IN 1879 IT WAS NOTED IN ONE ARTICLE THAT WORKINGS WERE 26 M (85 FT) DEEP. THE VEIN WAS 1 M (3.5 FT) WIDE, AND 30 MEN WERE EMPLOYED. IN 1885, 10,000 TONS OF ORE WAS REPORTED BLOCKED OUT ON 3 LEVELS. THE ORE CARRIED \$10 PER TON AND 50 PER CENT OF THE GOLD WAS FREE. THE MINE WAS OPERATED IN 1894 BY THE RAPPAHANNOCK GOLD MINING CO. WHEN IT WAS CLOSED, REPORTEDLY DUE TO FLOODING. A MILL CONSISTING OF A 60 HORSEPOWER ENGINE, 2 BOILERS, 10 STAMPS, 2 SHAKING TABLES, AND 2 CHILEAN MILLS, WAS ERECTED DURING THE EARLY OPERATIONS.

## DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR, PINCH AND SWELL

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 2 M

STRIKE OF OREBODY.... N 45 DEG E  
 DIP OF OREBODY..... 85 DEG E  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 THE VEIN VARIES IN THICKNESS FROM 36 CM (14 IN) TO 2 M (6.5 FT) AND CONSISTS OF WHITE, COMPACT QUARTZ, WITH PYRITE, ARGENTIFEROUS GALENA, AND FREE GOLD IN FINE PARTICLES AND IN MOSS-LIKE CONCRETIONS.

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 76.2 M  
 LENGTH OF WORKINGS..... 183 M

COMMENTS(DESCRIP. OF WORKINGS):  
 A 9 M-DIAMETER AREA FLOODED BY RUST-WATER, WHICH WAS PROBABLY THE MAIN SHAFT OPENING, A STONE WALL, SEVERAL SCATTERED DUMPS ALONG A CREEK AND SCATTERED BRICKS AND SEVERAL HILLSIDE CUTS WERE REPORTED BY P. C. SWEET IN 1974. CREDNER REPORTED A SHAFT 49 M (160 FT) DEEP HAD BEEN SUNG ON THE VEIN. THE CHIEF WORKINGS CONSIST OF GALLERIES DRIVEN FROM THIS SHAFT TO THE SOUTHWEST. WATSON REPORTED WORKINGS REACHED A DEPTH OF 76 M (250 FT) AND A LENGTH OF 183 M (600 FT).

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE	REMARKS
1 ORE AU	ACC	0000010.	TONS	1885	\$10./TON.	50% OF THE AU WAS FREE

PRODUCTION YEARS..... 1834-1894

SOURCE OF INFORMATION (PRODUCTION).. LONSDALE(1927).

PRODUCTION COMMENTS... CREDNER REPORTED THAT SHORTLY BEFORE THE MINE CLOSED AT THE BEGINNING OF THE CIVIL WAR THE MINE YIELDED FOR EVERY TWENTY-FIVE DOLLARS OF WAGES THIRTY OUNCES OF GOLD; BUT AT OTHER TIMES THE AVERAGE YIELD HAS BEEN SIXTEEN OUNCES OF GOLD FOR EVERY TWENTY-FIVE DOLLARS OF WAGES. LONSDALE STATES THAT IN 1886 ELEVEN NUGGETS WEIGHING FROM 1 TO 18 DWT. WERE FOUND.

## RESERVES AND POTENTIAL RESOURCES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1 ORE AU	EST	00000010	TONS		VALUED AT \$10/TON

SOURCE OF INFORMATION (RESERVES/POT RESOURCES).. LUTTRELL REFERENCE.

## GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... GARNET-BIOTITE-QUARTZ SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, TOURMALINE

IMPORTANT ORE CONTROL/LOCUS... WITHIN QUARTZ VEINS WHICH INTRUDE SCHIST

GEOLOGICAL DESCRIPTIVE NOTES. THE SCHIST IS DARK GRAY AND FINELY FOLIATED. ITS STRIKE IS N 45 DEG. E. AND DIPS 85 DEG. E.

## GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE, NE-SW TEND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 SCHIST IS DARK GRAY AND BORDERS WITH THE QUANTICO SLATE NEAR THIS AREA. THOUGH THE CONTACT OF THESE ROCK BODIES HAS NOT BEEN MAPPED IN THIS AREA. THE SCHIST CONTAINS MICROSCOPIC TOURMALINE CRYSTALS AND IS FINELY FOLIATED.

## GENERAL REFERENCES

- 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LONSDALE, J. T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY BULLETIN 30, 110 P.
- 3) WATSON, T. L., 1907, MINERAL RESOURCES OF VIRGINIA: J. P. BELL CO., PRINTERS AND BINDERS, LYNCHBURG, VIRGINIA.
- 4) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 393.
- 5) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS: ROCKS AND MINERALS, VOL. 47, NO. 7-8, P. 442.

## ELLIOT FARM MINE

RECORD IDENTIFICATION  
 RECORD NO. .... W030537  
 RECORD TYPE ..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1.3  
 FILE LINK ID. .... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... BEAUL  
 IEU (D.C. LEVAN), HARVEY R.  
 DATE ..... 79  
 07  
 UPDATED ..... 81  
 10  
 BY ..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME ..... ELLIOT FARM MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE ..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE ..... VA  
 STATE NAME: VIRGINIA



COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA.

LATITUDE LONGITUDE  
 38-22-29N 077-36-24W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4250400. 272290. +18

ALTITUDE.. 305 FT (93 M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 7.7 KM (4.8 MI) W OF BERA.

LOCATION COMMENTS: 0.2 KM (0.1 MI) W FROM THE END OF STATE ROAD 651.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... KATHERINE B. ALFRED

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL ORGANIZATION UNKNOWN: NO REPORT OF RESULTS OF PRODUCTION.  
 2) 1974 RECON VA. DIVISION OF MINERAL RESOURCES: SITE INSPECTED.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
 SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
 A ROAD HAS BEEN BULLDOZED THROUGH THE OLD AREA OF PITS AND DUMPS WHICH PARALLELS A FARM ROAD FOR ABOUT 100 M.

PRODUCTION  
 YES  
 SMALL PRODUCTION

PRODUCTION COMMENTS.... THERE ARE NO REPORTS AVAILABLE CONCERNING THE MINE'S PRODUCTION.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... WHITE QUARTZ AND IRON-STAINED QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. COLUMBIA SYNCLINE , NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 THE FREDERICKSBURG COMPLEX IS BORDERED TO THE WEST BY THE QUANTICO SLATE IN THIS AREA, BUT THE CONTACT HAS NOT BEEN LOCATED FOR THIS AREA.

GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PT 2: ROCKS AND MINERALS, V. 47, NO. 7-8, P. 435-444.

**HORSE PEN MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000431  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION.. USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-029  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... WRIGH  
 T, NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 79  
 07  
 BY..... MEINT  
 ZER, ROBT. E.; (LE VAN, D. C.)

NAME AND LOCATION  
 DEPOSIT NAME..... HORSE PEN MINE  
 SYNONYM NAME..... HORSE PIN MINE, HOSPEN MINE, RATTLESNAKE MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA

LATITUDE LONGITUDE  
 38-21-41N 077-35-05W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4248860. 274170. +18

ALTITUDE.. 180 FT (55 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 1.6 KM (1.0 MI) WEST OF HOLLY CORNER  
 LOCATION COMMENTS: ON BOTH SIDES OF HORSEPEN RUN, 1.0 KM (0.6 MI) NORTH OF STATE ROAD 655 BRIDGE. ADDITIONAL SITE: UTM N 4248750 E 274020 (ZONE +18).

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 NATIVE GOLD

COMMODITY COMMENTS:  
 QUARTZ VEINS CARRY FREE GOLD.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1860

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL MINE DEVELOPED PRIOR TO AND AFTER CIVIL WAR, ABANDONED 1894  
 2) 1974 RECON VA. DIV. MIN. RES. \ INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 MINE INITIALLY DEVELOPED AS PLACER DEPOSIT AND AFTERWARDS AS VEIN DEPOSIT PRIOR TO CIVIL WAR. SHAFT SUNK BEFORE CIVIL WAR REPORTED CAVED IN 1865. ADDITIONAL WORK AFTER CIVIL WAR ABANDONED IN 1894.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE, PLACER  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 FERRUGINOUS QUARTZ VEINS CARRIED FREE GOLD IN QUARTZ-SERICITE SCHIST. THE VEIN HAS FURNISHED RICH GOLD ORE, BUT IT OCCURS IN IRREGULAR ZONES OR POCKETS

DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 DEPTH OF WORKINGS BELOW SURFACE. 76 M  
 LENGTH OF WORKINGS..... 184 M

COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, CAVED SHAFT, ABOUT FIFTEEN CAVED PITS AND CUTS, AND DUMPS WERE SEEN.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE AU	SML				

PRODUCTION YEARS..... PRE 1894

PRODUCTION COMMENTS.... NO PRODUCTION FIGURES GIVEN. "LARGE QUANTITIES OF GOLD NUGGETS" FOUND DURING PLACER OPERATIONS (LUTTRELL, 1966), WHICH WEIGHED FROM 0.5 TO 5.0 DWTS., AND SOME RANGING AS HIGH AS 125 DWTS

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD-QUAT  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, GRAVEL  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: ALLUVIUM  
 AGE: QUAT  
 2) NAME: QUANTICO SLATE (?)  
 AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
 1) NAME: RHYOLITE DIKE  
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:  
FOLIATION OF SCHIST STRIKES N 40 DEG E AND DIPS 60 DEG SE (LONSDALE, 1927)

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:  
SUPERGENE ENRICHMENT

COMMENTS (GEOLOGY AND MINERALOGY):  
RHYOLITE DIKE SHOWN 1.0 KM NE OF MINE (LONSDALE, 1927)

GENERAL REFERENCES

- 1) LONSDALE, J.T., 1927, VA. GEOL. SURVEY BULL. 30, P. 84-85.
- 2) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 66
- 3) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P
- 4) CREDNER, H., 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR (MNG., VOL. VI, P. 393.
- 5) WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.

**HORSE PIN MINE (See Horse Pen Mine)**

**HOSPEN MINE (See Horse Pen Mine)**

**LEE PROSPECT**

RECORD IDENTIFICATION  
RECORD NO. .... W030538  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D.C. LEVAN), ROBERT E.  
DATE ..... 79  
07

NAME AND LOCATION

DEPOSIT NAME..... LEE PROSPECT  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... STAFFORD  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV. 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 SALEM CHURCH, VA.

LATITUDE LONGITUDE  
38-21-56N 077-34-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
4249290. 275130. +18

ALTITUDE.. 245 FT (75 M)  
POSITION FROM NEAREST PROMINENT LOCALITY: 4.75 KM (2.95 MI) WEST OF BERA.

LOCATION COMMENTS: 0.5 KM (0.3 MI) OFF NW SIDE OF STATE ROAD 655. 0.2 KM (0.1 MI) BY ROAD SW OF JUNCTION WITH STATE ROAD 663.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
NATIVE GOLD

MAIN ORE MINERALS:  
NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
YEAR OF DISCOVERY..... PRE-CIVIL WAR  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... MARION E. AND FRANCIS P. KNIGHTING

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN/SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):  
IN 1974, THREE TRENCH CUTS AND SCATTERED QUARTZ OBSERVED.

PRODUCTION  
NO PRODUCTION

PRODUCTION COMMENTS..... NO PRODUCTION INFORMATION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ORD  
HOST ROCK TYPES..... SCHIST

PERTINENT MINERALOGY..... QUARTZ (WITH SOME IRON STAINING)

GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: QUANTICO SLATE (?)  
AGE: ORD

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES  
1) NAME: RHYOLITE DIKE  
AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
RHYOLITE DIKE INDICATED BY LONSDALE (1927) 0.5 KM TO NW.

GENERAL COMMENTS  
LITTLE INFORMATION IS AVAILABLE ON THIS PROSPECT.

GENERAL REFERENCES

- 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.
- 2) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VIRGINIA GEOLOGICAL SURVEY, BULLETIN 30, 110 P.

**MACDONALD PROSPECT**

RECORD IDENTIFICATION  
RECORD NO. .... W030539  
RECORD TYPE ..... X1M  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 1,3  
FILE LINK ID. .... VDMR  
MAP CODE NO. OF REC..

REPORTER  
NAME ..... MEINT  
ZER (D.C. LE VAN), ROBERT E.  
DATE ..... 79  
07

NAME AND LOCATION

DEPOSIT NAME..... MACDONALD PROSPECT  
MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... VA  
STATE NAME: VIRGINIA

COUNTY..... STAFFORD  
DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
PHYSIOGRAPHIC PROV. 02 PIEDMONT  
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
1: 24000 SALEM CHURCH, VA.

LATITUDE LONGITUDE  
38-22-09N 077-35-01W

UTM NORTHING UTM EASTING UTM ZONE NO  
4249720. 274280. +18

ALTITUDE.. 280 FT (85 M)

POSITION FROM NEAREST PROMINENT LOCALITY: 5.6 KM (3.5 MI) WEST OF BERA.

LOCATION COMMENTS: 0.10 KM (0.05 MI) OFF NORTH SIDE OF STATE ROAD 663 EXTENDED, 1.85 KM (1.15 MI) BY ROAD NW OF JUNCTION WITH STATE ROAD 655.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
PROBABLY NATIVE GOLD

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
NATURE OF DISCOVERY..... A  
PRESENT/LAST OWNER..... HAROLD M. MORGANSTERN

WORK DONE BY OTHER ORGANIZATIONS

YEAR WORK TYPE ORGANIZATION AND RESULTS  
1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
PROBABLY VEIN/SHEAR ZONE

FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, SHAFT (?) VISIBLE  
 PRODUCTION  
 NO PRODUCTION  
 PRODUCTION COMMENTS..... NO PRODUCTION FIGURES AVAILABLE.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: QUANTICO SLATE  
 AGE: ORD  
 GENERAL COMMENTS  
 LITTLE INFORMATION EXISTS ON THIS PROSPECT.  
 GENERAL REFERENCES  
 1) SWEET, P. C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS: ROCKS AND MINERALS, VOL. 47, NO. 7-8, P. 435-444.

**MONROE MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W000417  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 13  
 FILE LINK ID..... VDMR  
 DEPOSIT NO..... GK-015  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... WRIGH  
 T. NANCY A.  
 DATE..... 72  
 05  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... MONROE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... STAFFORD  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA  
 LATITUDE LONGITUDE  
 38-22-28N 077-36-37W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4250370. 271960 +18  
 ALTITUDE.. 285 FT (87 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 8.0 KM (5.0 MI) WEST OF BERA  
 LOCATION COMMENTS: 0.5 KM (0.3 MI) WEST FROM THE END OF STATE ROAD 651

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD, AURIFEROUS PYRITE  
 COMMODITY COMMENTS:  
 GEOLGY IS SIMILAR TO THE HORSE PIN MINE.

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 4  
 YEAR OF DISCOVERY..... PRE-1858  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1858

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL POST-CIVIL WAR-DEVELOPMENT  
 2) 1974 RECON VA DIV MIN RES: INSPECTED SITE

EXPLOR. AND DEVELOP. COMMENTS:  
 WHEN CREDBNER VISITED THE MINE IN 1865 THE DRIFTS AND SHAFTS HAD CAVED IN. CREDBNER FURTHER STATED THAT "SEVEV YEARS AGO THIS MINE WAS SOID TO A NEW YORK COMPANY. THE NEW PROPRIETORS HAD THE QUARTZ FROM THE DUMP REDUCED AND AMALGAMATED AT THE EAGLE MINE, AND ARE SAID TO HAVE RECEIVED A YIELD OF FIFTY DOLLARS GOLD PER TON OF ORE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: IRREGULAR  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 MAX WIDTH..... 1.2 M  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 A VEIN OF WHITE, HARD QUARTZ, 0.9 TO 1.2 M (3 TO 4 FT) WIDE, CARRIED ISOLATED, IRREGULAR, BUT EXCEEDING RICH POCKETS OF AURIFEROUS PYRITE { THESE POCKETS ALSO CONTAINED FREE GOLD AND VERY OFTEN THE QUARTZ PIECES WERE HELD TOGETHER WITH WIRE-GOLD.  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 CREDBNER REPORTED CAVED DRIFTS AND SHAFTS IN 1865. IN 1974, A CAVED SHAFT, ABOUT FIFTEEN CAVED PITS AND TRENCHES, AND DUMPS WERE EVIDENT.

PRODUCTION  
 YES  
 SMALL PRODUCTION

ANNUAL PRODUCTION (ORE,COMMOD.,CONC.,OVERBURD.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
1 ORE AU	SML				

PRODUCTION COMMENTS..... ORE ON THE DUMP WAS CRUSHED AND AMALGAMATED, YIELDING \$50 GOLD PER TON, ABOUT 1858.

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... QUARTZ-SERICITE SCHIST, METAQUARTZITE  
 PERTINENT MINERALOGY..... QUARTZ, TETRADYMIT  
 GEOLOGICAL DESCRIPTIVE NOTES. QUARTZ VEIN WITH PYRITE AND FREE GOLD.

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSI FORMATION  
 AGE: EPAL

GENERAL REFERENCES  
 1) LUTTRELL, G.W., 1966, VA. MIN. RES. REPORT 7, P. 95.  
 2) SWEET, P S. 1975, ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, V 21, NO 1, P 7-9.  
 3) SWEET, P C. 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P  
 4) CREDBNER, H. 1868, REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR ( MNG. VOL. VI, P. 393.  
 5) WATSON, T. L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.  
 6) LONSDALE, J.T., 1927, GEOLOGY OF THE GOLD-PYRITE BELT OF THE NORTHEASTERN PIEDMONT, VIRGINIA: VGS BUL 30, 110 P.

**NEW HOPE MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W030540  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1.3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 07  
 UPDATED..... 82  
 01  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... NEW HOPE MINE  
 SYNONYM NAME..... NEWHOPE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... STAFFORD  
 DRAINAGE AREA..... O2 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... O2 PIEDMONT  
 LAND CLASSIFICATION..... O1

QUAD SCALE 1: 24000 QUAD NO OR NAME STORCK, VA.  
 LATITUDE 38-23-32N LONGITUDE 077-33-51W  
 UTM NORTHING 4252240. UTM EASTING 276050. UTM ZONE NO +18  
 ALTITUDE.. 270 FT (82 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 1.0 KM (0.6 MI) SOUTH OF HARTWOOD.  
 LOCATION COMMENTS: ON NW SIDE OF HORSEPEN RUN.  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT): MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.): NATIVE GOLD  
 MAIN ORE MINERALS: NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-CIVIL WAR  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-CIVIL WAR  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) DIREXPL PLACER OPERATION PRIOR TO CIVIL WAR.  
 2) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.  
 DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES: PLACER  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 COMMENTS(DESCRIPTION OF DEPOSIT):  
 CREDDER (1869) REPORTED DEEP AND EXTENSIVE AURIFEROUS SAND-DEPOSITS ALONG A SMALL CREEK (HORSEPEN RUN). HE REPORTED THAT GOLD HAD BEEN OBTAINED BY PANNING BUT APPARENTLY NO LARGE SCALE OPERATION HAD AS YET BEEN UNDERTAKEN.  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, A HILLSIDE TRENCH AND COVERED DUMPS WERE NOTED.  
 PRODUCTION  
 YES  
 SMALL PRODUCTION  
 PRODUCTION COMMENTS..... NO PRODUCTION FIGURES AVAILABLE, BUT IT IS DOUBTFUL IF PRODUCTION WAS VERY LARGE.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL-QUAT  
 HOST ROCK TYPES..... SCHIST (?) -GRAVEL  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYN-CLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: CHOPAWAMSIK FORMATION.  
 AGE: EPAL  
 2) NAME: ALLUVIUM  
 AGE: QUAT  
 COMMENTS (GEOLOGY AND MINERALOGY):  
 BEDROCK IS CHOPAWAMSIK FORMATION.  
 GENERAL COMMENTS  
 LITTLE INFORMATION IS AVAILABLE FOR THIS MINE.  
 GENERAL REFERENCES  
 1) LUTTRELL, G.W., 1966. BASE-AND PRECIOUS-METAL AND RELATED ORE DEPOSITS OF VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, MINERAL RESOURCES REPORT 7, 167 P.  
 2) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.  
 3) CREDDER, H., 1868. REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMER. JOUR. MNG., VOL. VI, P. 393.

PRIS-KING MINE

RECORD IDENTIFICATION  
 RECORD NO..... W030541  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... PRIS-KING MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE 1: 24000 QUAD NO OR NAME SALEM CHURCH, VA.  
 LATITUDE 38-22-21N LONGITUDE 077-35-48W  
 UTM NORTHING 4250140. UTM EASTING 273160. UTM ZONE NO +18  
 ALTITUDE.. 310 FT (95 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 6.85 KM (4.25 MI) WEST OF BEREA.  
 LOCATION COMMENTS: 0.7 KM (0.45 MI) ESE ALONG A WOODS ROAD FROM THE END OF STATE ROAD 651. ADDITIONAL SITE AT UTM N 4250000., E 273090. (ZONE +18).  
 COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 PRODUCER(PAST OR PRESENT): MAJOR PRODUCTS.. AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.): NATIVE GOLD  
 MAIN ORE MINERALS: NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... H.M. MORGANSTERN  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.  
 DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES: VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1974, TWO CAVED SHAFTS, SEVEN WATER-FILLED AND CAVED PITS, AND DUMPS WERE NOTED.  
 PRODUCTION  
 YES  
 SMALL PRODUCTION  
 PRODUCTION COMMENTS..... PRODUCTION, IF ANY, WAS PROBABLY SMALL.  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... GRAYISH-GREEN SCHIST  
 PERTINENT MINERALOGY..... QUARTZ  
 GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: QUANTICO SLATE (?)  
 AGE: ORD  
 GENERAL COMMENTS  
 THERE ARE NO REPORTS OF THE GEOLOGY OR OF PRODUCTION.  
 GENERAL REFERENCES  
 1) MORRILL, P., 1972. VIRGINIA MINES AND MINERALS, PART 2: ROCKS AND MINERALS, V. 47, NO. 7-8, P. 435-444.  
 2) SWEET, P. C., 1980. GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

PROSPECT (A) (STAFFORD CO.)

RECORD IDENTIFICATION  
 RECORD NO..... W030542  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..  
 REPORTER  
 NAME..... MEINT  
 ZER (D.C. LEVAN), ROBERT E.  
 DATE..... 79  
 07

NAME AND LOCATION  
 DEPOSIT NAME..... PROSPECT (A) (STAFFORD CO.)  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... VA  
 STATE NAME: VIRGINIA  
 COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA.  
 LATITUDE LONGITUDE  
 38-22-11N 077-35-57W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4249830. 272920. +18  
 ALTITUDE.. 315 FT (96 M)  
 POSITION FROM NEAREST PROMINENT LOCALITY: 6.9 KM (4.3 MI) WEST OF BERA.  
 LOCATION COMMENTS: 0.7 KM (0.45 MI) ALONG A WOODS ROAD SE FROM END OF STATE ROAD 651.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU  
 MAIN COMMOD..... AU  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 PROBABLY NATIVE GOLD  
 MAIN ORE MINERALS:  
 PROBABLY NATIVE GOLD  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 2  
 NATURE OF DISCOVERY..... A  
 WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV. MIN. RES.: INSPECTED SITE.

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 PROBABLY VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL (?)  
 DESCRIPTION OF WORKINGS  
 SURFACE  
 COMMENTS(DESCRIP. OF WORKINGS):  
 FOUR CAVED PITS WERE SEEN IN 1974.

PRODUCTION  
 NO PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST (?)  
 PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES.. NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT  
 LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES  
 1) NAME: QUANTICO SLATE  
 AGE: ORD

GENERAL COMMENTS  
 NO REPORTS OF THIS PROSPECTING OPERATION LOCATED. THIS UNNAMED PROSPECT WAS LOCATED AND DESIGNATED AS "PROSPECT (A)" BY SWEET (1980). AS OF 7/79, NO CORRELATION WITH ANY NAMED PROSPECT OR MINE HAS BEEN MADE.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES, PUBLICATION 19, 77 P.

**RAPPAHANNOCK, SMITH, MORGAN AND  
 RAPPAHANNOCK (See Eagle Mine)**

**RATTLESNAKE MINE (See Also Horse Pen Mine)**

**RATTLESNAKE MINE**

RECORD IDENTIFICATION  
 RECORD NO..... W031569  
 RECORD TYPE..... X1M  
 INFORMATION SOURCE..... 13  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... TRIMB  
 LE. DAVID, C. (SWEET, PALMER, C.)  
 AFFILIATION..... VDMR  
 DATE..... 82  
 02

NAME AND LOCATION  
 DEPOSIT NAME..... RATTLESNAKE MINE  
 MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT  
 COUNTRY CODE..... US  
 STATE CODE..... VA  
 COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01  
 QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA. (1978)  
 LATITUDE LONGITUDE  
 38-22-10N 077-36-15W  
 UTM NORTHING UTM EASTING UTM ZONE NO  
 4249560 272510 +18  
 ALTITUDE.. 89 M  
 ACCURACY OF LOCATION  
 ACCURATE  
 POSITION FROM NEAREST PROMINENT LOCALITY: 5 KM(3.2 MI) SOUTHWEST OF HARTWOOD.  
 LOCATION COMMENTS: 0.8 KM(0.5 MI) SOUTH OF THE END OF STATE ROAD 752, ON THE RIDGE NORTHWEST OF THE EAGLE MINE.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU PYR  
 PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU  
 OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
 POTENTIAL.....  
 OCCURRENCE..... PYR  
 ORE MATERIALS (MINERALS,ROCKS,ETC.):  
 NATIVE GOLD, PYRITE  
 EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 YEAR OF DISCOVERY..... PRE-1865  
 NATURE OF DISCOVERY..... A  
 YEAR OF FIRST PRODUCTION. PRE-1865  
 EXPLOR. AND DEVELOP. COMMENTS:  
 MINE WAS FIRST WORKED AS A PLACER AND LARGE QUANTITIES OF NUGGETS ARE REPORTED TO HAVE BEEN FOUND, WHICH WEIGHED FROM ONE-HALF TO 5 DWTS., AND SOME RANGING AS HIGH AS 125 DWTS(6.25 TOZ).

DESCRIPTION OF DEPOSIT  
 DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT: LINEAR(?)  
 SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL  
 DESCRIPTION OF WORKINGS  
 SURFACE AND UNDERGROUND  
 COMMENTS(DESCRIP. OF WORKINGS):  
 IN 1982 WORKING CONSISTED OF NUMEROUS(AT LEAST 50) CAVED PITS AND SHAFTS AND SEVERAL OPEN CUTS AND CAVED TUNNELS, PLUS DUMP PILES AND THE MILL FOUNDATIONS. THE MAIN SHAFT IS ABOUT 7.6 M(25 FT) SQUARE AND 4.6 M(15 FT) DEEP.

PRODUCTION  
 YES  
 SMALL PRODUCTION  
 GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... ORD  
 HOST ROCK TYPES..... SCHIST  
 PERTINENT MINERALOGY..... QUARTZ, BIOTITE  
 IMPORTANT ORE CONTROL/LOCUS.. VEIN/SHEAR ZONE

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... NE-SW TREND, COLUMBIA SYNCLINE  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: QUANTICO SLATE (BASAL SECTION)  
 AGE: ORD

GENERAL REFERENCES  
 1) CRENDER, H., 1868, REPORT OF EXPLANATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA: AMERICAN JOURNAL OF MINING, VOL. VI, P. 393.  
 2) WATSON, T.L., 1907, GOLD AND SILVER, IN MINERAL RESOURCES OF VIRGINIA: LYNCHBURG, VIRGINIA, J.P. BELL CO., P. 549-567.

PERTINENT MINERALOGY..... QUARTZ

GEOLOGY (SUPPLEMENTARY INFORMATION)  
 REGIONAL GEOLOGY  
 MAJOR REGIONAL STRUCTURES... COLUMBIA SYNCLINE, NE-SW TREND  
 TECTONIC SETTING..... PIEDMONT

LOCAL GEOLOGY  
 NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
 1) NAME: FREDERICKSBURG COMPLEX  
 AGE: EPAL

COMMENTS (GEOLOGY AND MINERALOGY):  
 THE FREDERICKSBURG COMPLEX IS BORDERED ALONG ITS WESTERN FLANK BY THE QUANTICO SLATE WHICH EXTENDS ALONG THE COLUMBIA SYNCLINE IMMEDIATELY WEST OF THIS AREA.

GENERAL REFERENCES  
 1) SWEET, P.C., 1980, GOLD IN VIRGINIA: VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 19, 77 P.  
 2) MORRILL, P., 1972, VIRGINIA MINES AND MINERALS, PT. 2 ROCKS AND MINERALS, V. 47, NO. 7-8, P. 435-444.

WISE FARM MINE

RECORD IDENTIFICATION  
 RECORD NO..... W030543  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION... USGS  
 INFORMATION SOURCE... 1,3  
 FILE LINK ID..... VDMR  
 MAP CODE NO. OF REC..

REPORTER  
 NAME..... BEAUL  
 IEU (D.C. LE VAN), HARVEY R.  
 DATE..... 79  
 07  
 UPDATED..... 81  
 10  
 BY..... TRIMB  
 LE, DAVID, C.

NAME AND LOCATION  
 DEPOSIT NAME..... WISE FARM MINE

MINING DISTRICT/AREA/SUBDIST. GOLD-PYRITE BELT

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... VA  
 STATE NAME: VIRGINIA

COUNTY..... STAFFORD  
 DRAINAGE AREA..... 02 RAPPAHANNOCK RIVER  
 PHYSIOGRAPHIC PROV..... 02 PIEDMONT  
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME  
 1: 24000 SALEM CHURCH, VA.

LATITUDE LONGITUDE  
 38-21-09N 077-35-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4247920. 273240. +18

ALTITUDE.. 285 FT (86.8M)

POSITION FROM NEAREST PROMINENT LOCALITY: ABOUT 6.6 KM (4.1MI) W OF BEEA.  
 LOCATION COMMENTS: 0.24 KM (0.15MI) N FROM THE END OF STATE ROAD 655.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
 PROBABLY NATIVE GOLD

MAIN ORE MINERALS:  
 NATIVE GOLD (?)

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 6  
 NATURE OF DISCOVERY..... A  
 PRESENT/LAST OWNER..... LENA M. CLIFFORD

WORK DONE BY OTHER ORGANIZATIONS  
 YEAR WORK TYPE ORGANIZATION AND RESULTS  
 1) 1974 RECON VA. DIV OF MINERAL RESOURCES: INSPECTED SITE.

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
 VEIN/SHEAR ZONE  
 FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
 SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
 SEVERAL TRENCH-LIKE CUTS, SMALL DUMP PILES WITH SOME QUARTZ AND SOIL, REMAINS OF SEVERAL PITS, AND A SWAMPY, WATER-FILLED AREA WERE REPORTED IN 1974.

PRODUCTION  
 YES  
 SMALL PRODUCTION

GEOLOGY AND MINERALOGY  
 AGE OF HOST ROCKS..... EPAL  
 HOST ROCK TYPES..... SCHIST

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