

Receiving Stream Name: Shotgun Hill Branch to Wildersness Run to Rapidan River
to Rappahannock River

Field pH and appearance: 6.5

Were samples taken? no

If yes, give results: N/A

Minimal drainage other than surface runoff

If available, give groundwater information and potential hazards to:

N/A

Open shafts, potential groundwater contamination, three items dumped
in shaft.

Public Health and Safety Hazards: _____

Open concrete shafts 100' in depth, fatal fall hazards

Mineral Resources in 1927-1975 stated that in 1911 a 30 m shaft was sunk in
117 m of drifts were driven. In 1912, shaft was deepened to 38 M and
additional 58 M was started. Two open shafts, several caved pits, concrete
foundation and dumps were evident in 1974. On this inspection, the open
shafts exist; the caved pits were not noted.

Surrounding site conditions:

How far is mine from main road? 20' nearest community? 40'
 Is mine visible from main road? yes nearest community? yes
 Surrounding topography: gently sloping

Elevation: 340'
 Any archaeological or historical site(s) nearby? Battlefields - Civil War
 Average temperature: 35.3/76.35 Annual rainfall: 36.68
 Spring frost fee date: 4/17 Fall kill frost date: 10/23
 Land use of surrounding area: Forestry, residential being increased

Estimated number of homes in general vicinity: 2
Hunt Club

Soil conditions at site: naturally revegetated

Field pH: 5

General history of minesite: Pre 1911, Mill burned down in 1911,
 never rebuilt. Mining ceased in 1923. No production figures noted.

(Supplement information attached?) yes no

1. topo
2. county
3. W00424

Is there any hazardous material onsite?: none noted

If yes, describe: _____

Is there any marketable material onsite?: gold

If yes, describe: gold, small deposit

Other Pertinent Information: none

General Plan of Reclamation: _____

Fill concrete shafts in with spoil surrounding site. Remove concrete foundations. Revegetate.

Estimated Cost of Reclamation

Equipment needed: Track loader

3 days x 200 = \$4,800

Total grading cost: \$4,800

Seed requirements: _____

1 acre x 1,000

Fescue -

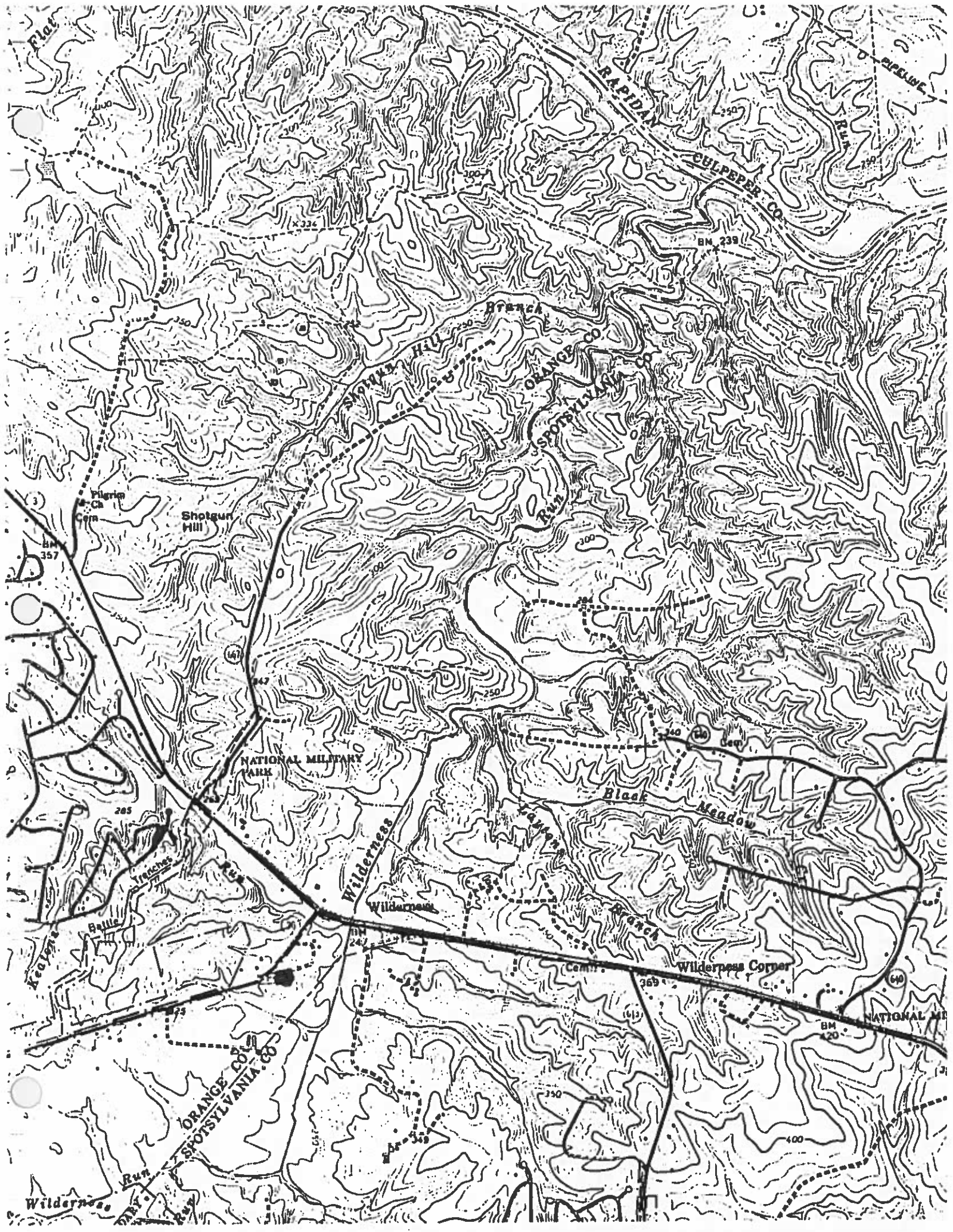
Lime - 2,000

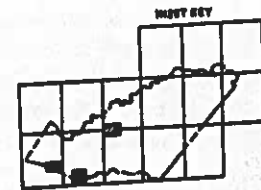
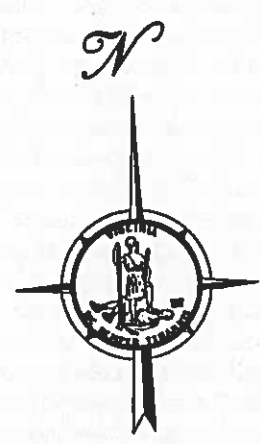
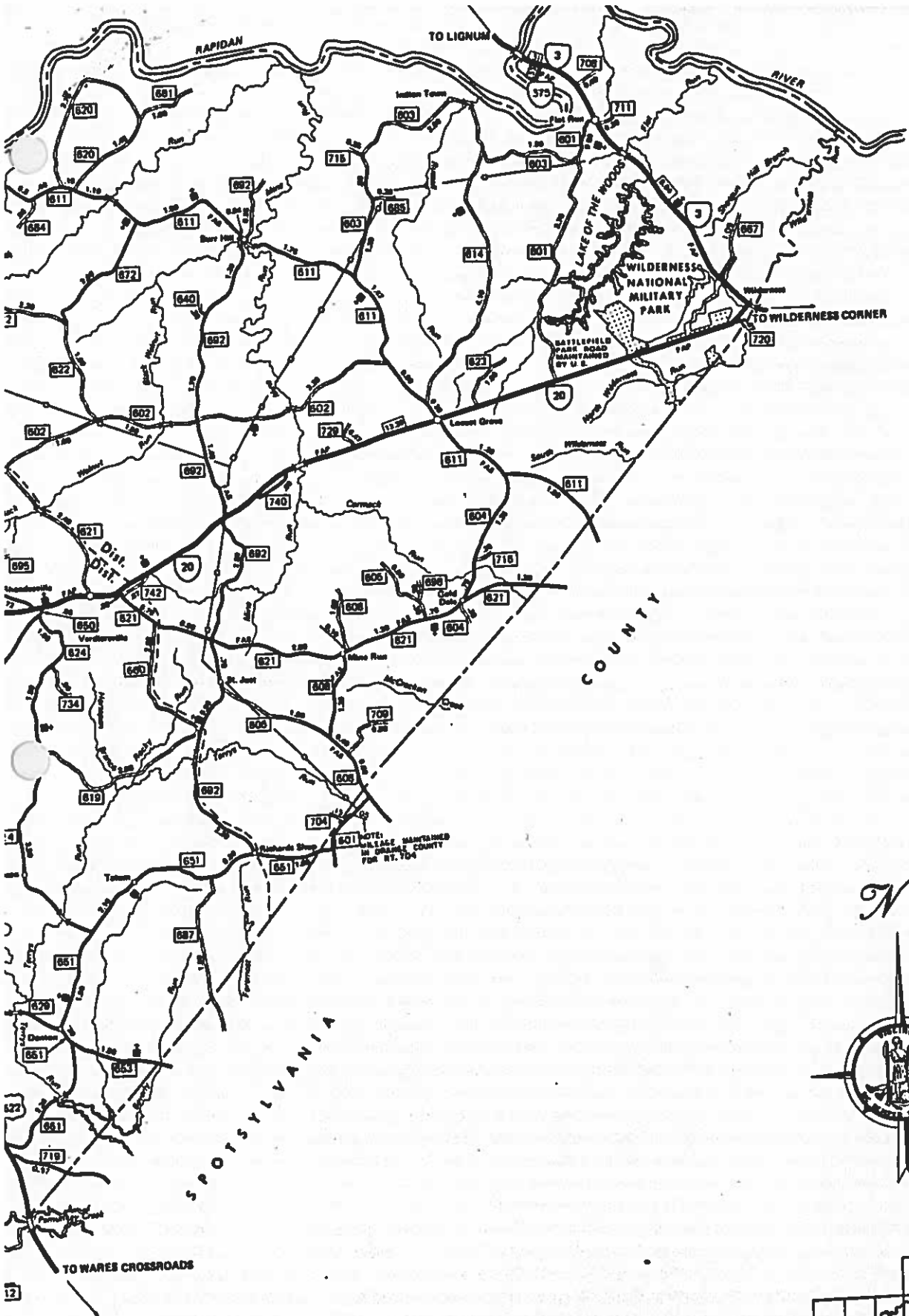
Fertilizer - 10-30-10

Total seeding cost: \$1,000

Other cost: none

TOTAL ESTIMATED COST: \$5,800





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WILDERNESS MINE

RECORD IDENTIFICATION
 RECORD NO. W000424
 RECORD TYPE XIM
 COUNTRY/ORGANIZATION USGS
 INFORMATION SOURCE 13
 FILE LINK ID VDMR
 DEPOSIT NO. GK-022
 MAP CODE NO. OF REC.

REPORTER
 NAME WRIGHT
 T, NANCY A.
 DATE 72
 OS
 UPDATED 79
 07
 BY WEINT
 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) NNMW 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 N20W06E
 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 20 M SHAFT WAS SUNK AND 117 M OF DRIFTS WERE DRIVEN. IN 1923, SHAFT DEEPENED TO 38 M AND ADDITIONAL 98 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 W OR GOLD PRODUCED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: EPAL
 MOST 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 20 DEG, DIPS 82 DEG. E. THE VEIN RANGES FROM 4 TO 13 FT. IN THICKNESS AND 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: CHOPAWAMSIK FORMATION
 AGE: EPAL

SIGNIFICANT LOCAL STRUCTURES:
 FOLIATION STRIKES N 20 DEG E, DIPS 82 DEG E.

COMMENTS (GEOLOGY AND MINERALOGY):
 COUNTRY ROCK IS DARK GRAY AND FINELY FOLIATED AND IS OF IGNEOUS ORIG

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 DOME PRIOR TO 1911. THE MILL WAS DESTROYED BY FIRE IN 1911 AND WAS REBUILT.

GENERAL REFERENCES

- 1) LONSDALE, 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. 28-33.
- 4) SWEET, P. C., 1978. ROAD LOG TO SOME ABANDONED GOLD MINES OF THE GOLD-PYRITE BELT, NORTHEASTERN VIRGINIA: VIRGINIA MINERALS, VOL. 1, P. 1-9.

WOODMAN PROSPECT

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 02 RAPPAHANNOCK RIVER
 PHYSIOGRAPHIC PROV. 02 PIEDMONT
 LAND CLASSIFICATION 00

QUAD SCALE QUAD NO OR NAME
 1: 24000 MINE RUN, VA.

LATITUDE LONGITUDE
 38-15- N 077-52- W

UTM NORTHING UTM EASTING UTM ZONE 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.

RECORD IDENTIFICATION
 RECORD NO. W02053
 RECORD TYPE XIM
 COUNTRY/ORGANIZATION USGS
 INFORMATION SOURCE 1
 FILE LINK ID VDMR
 MAP CODE NO. OF REC.

REPORTER
 NAME ZER (D. C. LEVAN), ROBERT E.
 DATE 07

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