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 1922. 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
A DIVISION OF MINERAL RESOURCES

WILDERNESS MINE

RECORD IDENTIFICATION
RECORD NO. ........................................... WOODS64
RECORD TYPE ........................................ AIW
COUNTRY/ORGANIZATION ................................ USGS
INFORMATION SOURCE ........................................ 15
FILE / FOLDER ........................................ VDH
DEPOSIT NO. ........................................ OR-023
MAP CODE NO. of REC. ........................................... 97
REPORTER
NAME ........................................ T. NANCY A.
DATE ........................................ 73
UPDATED ........................................ 97
BY ........................................ ZIR, ROBT. E. (LE VEH, O. 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 ........................................ GRAYSON
DRAINAGE AREA ........................................ 02 RAPPAHANNOCK RIVER
PHYSIOGRAPHIC PROVINCE ........................................ US PIEDMONT
LAND CLASSIFICATION ........................................ 01
QUAD SCALE ........................................ QUAD NO OR NAME
1:24000 CHANCELLORSVILLE, VA
LATITUDE ........................................ 38°-41' N.
LONGITUDE ........................................ 077°-43' W
WITH NORTHING WITH EASTING WITH ZONE NO
4346530. 261240. 18
ALTITUDE ........................................ 210 FT (64 M)
POSITION FROM NEAREST DOMINATE LOCALITY: 1.2 KM (0.75 MI) NW OF WILDERNESS CORNER
LOCATION COMMENTS ........................................ ON EAST SIDE OF STATE ROAD 687, 0.6 KM (0.4 MI) BY ROAD NE OF JUNCTION WITH STATE HWY 3.

COMMODITY INFORMATION
COMMODITIES PRESENT ........................................ AU
PRODUCER/PRODUCED BY ........................................ MAJOR PRODUCTS AU
ORE MATERIALS (MINERALS, ROCKS, ETC) ........................................ NATIVE GOLD
ANALYTICAL DATA (GENERAL)
VALUES FOR THE ONE ARE REPORTED FROM $10 TO $14 PER TON. AN ASSAY MADE BY A "CHEMICAL ASSAY METHOD" GAVE $11 PER TON, AS OPPOSED TO VALUES OF $16 OBTAINED FROM THE SAME ONE BY FIRE ASSAYING.

MINERAL ECONOMICS FACTORS
ECONOMIC COMMENT ........................................ WILL BECOME OF IMPORTANCE IN 1921, NEVER RE-REVIEWED

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR OR DEVEL ........................................ 6
YEAR OF DISCOVERY ........................................... PRE-1911
NATURE OF DISCOVERY ........................................... A
YEAR OF FIRST PRODUCTION ........................................... PRE-1911 171
PRELIM/LAST OPERATOR ........................................ WILDERNESS MINING AND MILLING CO
WORK DONE BY OTHER ORGANIZATIONS ...................................
YEAR WORK TYPE ORGANIZATION AND RESULTS
18 DREDGING, PRIOR TO 1911 SOME DEVELOPMENT TOOK PLACE, BUT NOT DISCLOSED IN LITERATURE.
21 1911 DREDGE, WILDERNESS MINING AND MILLING CO: SUMK ADDITIONAL SHIPS AND CUT ADDITIONAL DRIFTS.
31 1914 RECON VA DE MIN RES: INSPECTED SITE
EXPLOR. AND DEVELOP. COMMENTS ........................................ WILDERNESS MINING & MILLING CO CEASED OPERATIONS IN 1919.

DESCRIPTION OF DEPOSIT
DEPOSIT TYPES ........................................ VEN/SHARE ZONE
FORM/SHAPE OF DEPOSIT ...........................................
SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT ........................................ SMALL
MAX THICKNESS ........................................ 4 FT
STRIKE OF DEP. BODY ........................................ NORTHEAST
DIP OF DEP. BODY ........................................ 83 DEG E

DESCRIPTION OF WORKINGS
DEPTH OF WORKINGS BELOW SURFACE ........................................ 38 ft
LENGTH OF WORKINGS ........................................ 175 M

COMMENTS/DESCRIPTION OF WORKINGS
18 IN 1911, A 30 M SHAW WAS SUMK AND 177 M OF DRIFTS WERE DRIVEN. IN 1923, SHAFT DESIGNED TO 38 M AND ADDITIONAL 58 M DRIFT STARTED. TWO OPEN SHAFTS, SEVERAL CAVED PITS, CONCRETE FOUNDATIONS, AND DUMPS WERE EVIDENT IN 1923.

PRODUCTION
YES
SMALL PRODUCTION
PRODUCTION COMMENTS ........................................ THERE IS NO INDICATION OF THE AMOUNT OF ORE OR GOLD PRODUCED

GEOLGY AND MINERALOGY
AGE OF HOST ROCKS ........................................ EPAL
HOST ROCKS TYPES ........................................ BIOTITE-QUARTZ-ORTHOSCHIST
PERTINENT MINERALOGY ........................................ PIQUITE, QUARTZ
GEOLICAL DESCRIPTIVE NOTES ...................................... COUNTRY ROCK IS DARK GRAY AND FINELY POLISHED, 14 FT OF IGNEOUS ORIGIN. THE SCHIST STRIKES IN 28 DEG E. THE VEIN RANGES FROM 4 TO 12 FT. IN THICKNESS AND GENERAL DEPARTS TO THE STRIKE AND RIPPLE OF THE SCHIST

GEOLGY (SUPPLEMENTARY INFORMATION)
REGIONAL FRAMEWORK OF MINERAL RESOURCES, ORIGIN AND TECTONIC SETTING ........................................ PIEDMONT
LOCAL GEOLOGY
NAME/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: DOMINICAN FORMATION
SIGNIFICANT LOCAL STRUCTURES ........................................ FOLIATION STRIKES IN 28 DEG E, DIPS 82 DEG E
COMMENTS ........................................... (GEOLGY AND MINERALOGY)
COUNTRY ROCK IS DARK GRAY AND FINELY POLISHED AND 15 FT OF IGNEOUS ORIGIN
GENERAL COMMENTS
IN 1914 A 100 FT. SHAFT WAS SUMK AND 365 FEET OF DRIFTS WERE DRIVEN. IN 1923 THE SHAFT WAS DEEPENED TO 175 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., 1887, VA GEOLOGICAL SURVEY BULL 50, P. 66-63.
2) SWEET, P. C., 1910, GOLD IN VIRGINIA: VIRGINIA DICTIONARY OF MINERAL RESOURCES, PUBLICATION 19, TT P.

WOODMAN PROSPECT

RECORD IDENTIFICATION
RECORD NO. ........................................ WOODS63
RECORD TYPE ........................................ AIW
COUNTRY/ORGANIZATION ................................ USGS
INFORMATION SOURCE ........................................ 1
FILE LINK ID ........................................ VDH
MAP CODE NO. of REC. ........................................... 97
REPORTER
NAME ........................................
DATE ........................................ 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 ........................................ RUSSELL
DRAINAGE AREA ........................................ 02 RAPPAHANNOCK RIVER
PHYSIOGRAPHIC PROVINCE ........................................ US PIEDMONT
LAND CLASSIFICATION ........................................ 00
QUAD SCALE ........................................ QUAD NO OR NAME
1:24000 PINETOP, VA
LATITUDE ........................................ 38°-16' N.
LONGITUDE ........................................ 077°-52' W
WITH NORTHING WITH EASTING WITH ZONE NO
24000 571300
ALTITUDE ........................................ 2400 FT
POSITION FROM NEAREST PROMINENT LOCALITY: EXACT LOCATION UNKNOWN
LOCATION COMMENTS ........................................ SOUTHERN ORANGE COUNTY

COMMODITY INFORMATION
COMMODITIES PRESENT ........................................ AU
ORE MATERIALS (MINERALS, ROCKS, ETC) ........................................ NATIVE GOLD
PRODUCER/PRODUCED BY ........................................ MAJOR PRODUCTS AU
MAIN COMMODITY ........................................ AU
OTHER MATERIALS (MINERALS, ROCKS, ETC) ........................................ NATIVE GOLD
MAIN ORE MINERALS ........................................ NATIVE GOLD
EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR OR DEVEL ........................................ 1
YEAR OF DISCOVERY ........................................... 1890
NATURE OF DISCOVERY ........................................... A
PRESENT/LAST OPERATOR ........................................ DR. CHARLES KUPER
WORK DONE BY OTHER ORGANIZATIONS ...................................
YEAR WORK TYPE ORGANIZATION AND RESULTS
18 1914 RECON VA DE MIN RES: INSPECTED SITE