

Abandoned Mineral Mine Lands

A. SITE IDENTIFICATION

Date of Inspection (MM/DD/YYYY): 8/1/1988

Date Record Updated (MM/DD/YYYY): 6/6/2019

Mineral Mining Number: DMM8829 Inventory Author: Allen Bishop

MRDS Number: _____ Author Affiliation: VA DMME - DMM

MRV Number: MRV183C_101,103,104

Mine Name: VAUCLUSE MINE Acres: 10.000

Minerals: GOLD HUC: RA43

County: Orange Quadrangle: Chancellorsville

BOND FOREITURE PERMITTED

Latitude: 38.353900 Longitude: -77.728900

**B. Project Information
(For Non-Permitted Sites only)**

Project Number: _____ OLAC Ranking: A

Olac Notes:

2019 owner - Evans King 2 LLC, 3033 Woodland Drive NW, Washington DC 20003

Added scanned slides dated unknown from USGS Data Preservation project 2018 CWS

FIRST GIVEN 'A' PRIORITY RATING (11/30/1988)- RECLAMATION IS NOT RECOMMENDED DUE TO POSSIBLE REMINING. SAFETY HAZARDS EXIST DUE TOT HE EXISTENCE OF VERTICAL SHAFTS AND PITS. ENVIRONMENTAL HARM SEVERE DUE TO MERCURY CONTAMINATION OF THE STREAM SEDIMENTS.

- INVESTIGATE INCLUSION IN THE SUPERFUND CLEANUP

CHANGED CLASSIFICATION- A REQUEST FOR NEW CLASSIFICATION IS MADE DUE TO THE FACT THAT EXTREMELY ACIDIC DRAINAGE IS PRESENT AND UNTIL EPA STORMWATER REGULATIONS ARE FINALIZED AND LIABILITY FOR THESE SITES IS CLARIFIED. IT WOULD NOT BE PRUDENT FOR THE STATE TO RECLAIM THEM. THE NEW PRIORITIZATION WOULD BE 'A(X)' WHICH MEANS STATE LIABILITY IF RECLAMATION WERE TO PROCEED IN QUESTION.

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Brownfield Potential **Carbon Storage Potential** **Economic Development Potential**

C: SITE HISTORY

Mine Owner: Richard Runion

DMM Permit: _____

Date Last Mined: 1935

Date First Mined: 1832

MineType: Underground mine

Shafts on Site: _____

Depth Below(feet): _____

Working Length: _____

Pit Size: _____

Notes on Site History:

Mine discovered in 1832. Worked through 1935 by various companies. Large operations. A large part of Virginia's gold production in 1833-1860 probably came from the Vancluse Mine.

Several mining companies are studying the site and a permit to mine was requested of the county in June of 1988. The county at this time will not allow mining due to public concerns.

A request for new classification is made due to the fact that extremely acidic drainage is present and until EPA stormwater regulations are finalized and liability for these sites are clarified.

Large open pits, numerous small caved pits on site. In 1865 two open cuts 80' x 300' x 25' wide had been opened. The Vancluse shaft was 220' deep with levels at 50', 110', and 201'. The 110' level contained 275' of workings and the 201' level had 876' of drifts and cross cuts in January of 1936.

Unsafe conditions exist and are severe due to the extent of the shaft and workings. Mercury is a hazardous waste found at the site.

**D. EXPLOSURE (Score 9)
(For Non-Permitted Sites only)**

Site Access: paved road

Site Visibility from Road: Not Visible from road

Site Access Notes:

Estimate of homes: 1 - 10 homes

Site Visibility from Homes: Not Visible from homes



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Nearest Community: Wilderness

Notes on Nearest Community and Nearby Homes:

Nereby Recreation Areas: None Recreation Area Name: none

Site Usage: None

Notes on Site Usage:

E. ENVIRONMENTAL (Score 320.000) (For Non-Permitted Sites only)

Acid Drainage Notes:

If the following exist on the site, place a check in the appropriate box

Acres of Denuded Vegetation: _____

- Rills on site
- Trash on site
- Gullies on site
- Hazardous Material on site

Potential Ground Water Contamination: Severe

Potential Surfaw Water Contamination: Severe / Acid Mine Drainage (AMD)

Receiving Stream: Shotgun Hill Branch to Wilderness Run to Rapidan R

	Upstream	Downstream	At Mine Site
pH Value	_____	_____	_____
Conductivity	_____	_____	_____
Temperature	_____	_____	_____

Conductivity Units: _____



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Environmental Notes:

Extreme mercury contamination from the sediment of the tailings pond. Likely groundwater contamination from the use of mercury in the mining process. Large array of underground workings.

Existing Wetlands on site, if yes check box

Potential for dredge material disposal if east of Fall Line

Potential Wetlands on site, if yes check box

Wetlands Notes:

F. SAFETY (Score 100) (For Non-Permitted Sites only)

Mine Site Hazards: Severe

No of Vertical Caved Entrances: _____ **No of Vertical Open Entrances:** _____

Vertical Entrance Notes:

Extreme underground workings and shafts.

Toxic Chemicals and/or Explosives at site, if yes check box

Toxic Chemical / Explosives Notes:

Mercury

Potable Water Supplies at risk, if yes check box

At Risk Potable Water Supply Notes:

No of Horizontal Caved Entrances: _____ **No of Horizontal Open Entrances:** _____

Horizontal Entrance Notes:

Existence of High Walls at the Site, if yes check box

High Walls Notes:



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Existence of Impoundments at Site, if yes check box

Impoundment Notes:

Existence of Unstable Slopes at Site, if yes check box

Unstable Slop Notes:

Existence of Subsidence Areas, if yes check box

Subsidence Area Notes:

Number of Mine Dumps at Site: _____

Mine Dump Notes:

Structure / Equipment Evaluation: None _____

Structure / Equipment Notes:

G. REFERENCES

References Results:

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Mindat.org, 2018, <https://www.mindat.org/loc-25939.html>

Sweet, P. and W.D. Rowe Jr., 1983, [Selected Virginia mineral-resource information](#), Virginia Division of Mineral Resources Publication 51, 196 p.28

H. MONITORING

Monitoring Results:

I. CORRESPONDENCE

Date	Type	Comments
7/22/2004		