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: MRV183C_101,103,104
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 TO THE 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.
### C: SITE HISTORY

**Mine Owner:** Richard Runion

**DMM Permit:**

**Date Last Mined:** 1935  
**Date First Mined:** 1832

**Mine Type:** Underground mine  
**Shafts on Site:**

**Depth Below (feet):**  
**Working Length:**

**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. EXPLOSION (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:

<table>
<thead>
<tr>
<th>Nearby Recreation Areas:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreation Area Name:</td>
<td>none</td>
</tr>
<tr>
<td>Site Usage:</td>
<td>None</td>
</tr>
</tbody>
</table>

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

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

Acres of Denuded Vegetation: ____________

Potential Ground Water Contamination: Severe

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

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

<table>
<thead>
<tr>
<th>Upstream</th>
<th>Downstream</th>
<th>At Mine Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH Value</td>
<td>__________</td>
<td>__________</td>
</tr>
<tr>
<td>Conductivity</td>
<td>__________</td>
<td>__________</td>
</tr>
<tr>
<td>Temperature</td>
<td>__________</td>
<td>__________</td>
</tr>
</tbody>
</table>

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 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:
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:
Abandoned Mineral Mine Lands


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:

<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>7/22/2004</td>
<td></td>
<td></td>
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