



COLORADO
**Division of Reclamation,
Mining and Safety**
Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

January 8, 2016

Garth D. Cooke
PO Box 95
Warne, NC 28909

Re: Iris Site, Permit No. P-2012-003, Reclamation Responsibility Release Request, SL-1

Dear Mr. Cooke:

On January 7, 2016, the Division received your request for full reclamation responsibility release for the Iris Site, NOI No. P-2012-003. Preliminary review of your request determined that the following information must be submitted to complete the requirements of Rule 5.7 of the Hard Rock /Metal Mining Rules and Regulations and C.R.S. 34-32-113(5.5)(a-e) of the Colorado Land Reclamation Act for the Extraction of Mineral Resources.

5.7 Final Report

- (1) No later than sixty (60) days after the completion of the abandonment of any drill hole which has artesian flow at the surface, or no later than twelve (12) months after the completion of the abandonment of any other drill holes, the Prospector shall submit to the Office a final report containing:
- (a) the date of completion of prospecting activity;
 - (b) the location of prospecting disturbance and reclamation at a scale adequate to accurately field locate these areas, as provided for in Rule 5.6(f);
 - (c) for holes having artesian flow at the surface, the estimated rate of flow (if such is known); and
 - (d) a description of the plugging, sealing, and capping techniques used, including the following information when applicable:
 - (i) When mud is used for abandonment, the description shall include the viscosity (marsh funnel viscosity) of the mud when the drill hole reached bottom, the trade name of the abandonment mud utilized, and the final viscosity (marsh funnel viscosity) of the abandonment mixture; or
 - (ii) When cement is used to abandon the drill hole, the description shall include a description of the cement grout mixture utilized to seal and plug the hole.



(2) In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Prospector may, with the approval of the Office, submit a single consolidated final report including the locations of all drill holes, and the abandonment technique.

(3) As to final reports filed before June 2, 2008, the final report and all information contained therein shall be confidential in nature and shall not be matter of public record. As to final reports filed on or after June 2, 2008, the final report and all information contained therein shall be a matter of public record unless designated by the prospector as confidential pursuant to the provisions of Rule 1.3. The provisions of Rule 1.3 shall apply to a request for a Board determination as to whether information designated by the prospector as confidential should remain confidential.

(4) The final report shall be signed by the Prospector or the prospector's authorized contact, as set forth in Rule 5.1.2(c), attesting to the accuracy of the information contained therein.

Please submit final abandonment reports by February 7, 2016.

If you have any questions, please do not hesitate to call me at (970) 242-5025.

Sincerely,



Stephanie Mitchell
Environmental Protection Specialist

Enclosure: Prospecting Drill Hole Final Abandonment Report Form



STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215

Denver, Colorado 80203

Phone: (303) 866-3567

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MINERAL PROSPECTING DRILL HOLE PERMANENT ABANDONMENT FINAL REPORT

Pursuant to the terms of 34-32-113(5.5)(d) and (e) of the Act, all information provided in this report shall be protected as confidential information by the Mined Land Reclamation Board and shall never be a matter of public record.

Prospect Site Name: _____ Prospect NOI No.: P- _____

Drill Hole I.D. No. _____

Date Drilled: _____ Date Permanently Abandoned: _____

OPERATOR: (PROSPECTOR)

Name: _____

Address: _____

City: _____ St.: _____ Zip: _____

Telephone No.: (_____) _____

DRILLER:

Name: _____

Address: _____

City: _____ St.: _____ Zip: _____

Telephone No.: (_____) _____

LOCATION:

The following information is required for all prospecting drill holes:

_____ 1/4 of the _____ 1/4 of Section _____, Township _____, Range _____,
_____ Prime Meridian, _____ County.

If the area has not been surveyed, supply the Longitude _____ West and Latitude _____ North,
or attach a location map, preferably a USGS Quad.

The following additional information is required for artesian flowing holes:

Distances must be provided with an accuracy of ± 200 feet (34-32-113(5.5)(d))

_____ feet ☐ north ☐ south from the ☐ south ☐ north section line
_____ feet ☐ east ☐ west from the ☐ west ☐ east section line

NOTE: In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Operator may, with the approval of the Division, submit a single consolidated final report including the location of all drill holes and a description of abandonment technique. In such a case, complete one abandonment final report form and attach a list of drill hole locations. If more space is needed to provide any of the information for this form, please attach separate sheets.

Complete One (1) of Either Subsections A or B; and Subsection C.

A. **PERMANENT ABANDONMENT** (Check the appropriate box and provide information)

☐ Plugged dry hole, method of plugging: _____

Depth at which concrete plug set: _____ feet below ground surface.

☐ Sealed Hole:

☐ Neat Cement Grout, top to bottom: grout mixture used: _____

☐ Neat Cement Grout, interval grouting: grout mixture used: _____

Intervals grouted (feet beneath ground surface, method and materials): _____

☐ Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name: _____

Marsh Funnel viscosity of abandonment fluid: _____ sec.

Type of surface plugging used: _____

Depth at which plug set: _____ feet below ground surface,

Method: _____

☒ Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

B. **CONVERSION TO A WATER WELL**

State Engineer's Permit No.: _____ (attach copy of permit)

County Where Well is Located: _____

Water Well Use: _____

C. **METHOD OF RECLAIMING DRILL SITE DISTURBANCE:** _____

The Operator who conducted the prospecting drill operation states that the information set forth hereupon is true to the best of their knowledge.

Name of Operator's Representative: _____ Title: _____

Signature of Operator's Representative: _____ Date: _____