State of Wisconsin
Department of Natural Resources
dnr.wi.gov

# Nonferrous Metallic Mineral Exploration Drillhole Abandonment Report

Form 2700-002 (R 05/2025) Page 1 of 2 1. Explorer, Driller, Owner information **Exploration Licensee Name** License Number Green Light Wisconsin LLC 16964 **Drilling Company Name** Street or Route ZIP Code City State **Taconite Drilling** 17126 County Road 456 Warba MN 55793 **Property Owner Name** Street or Route City State ZIP Code Medford Greenlight Metals Inc (Soo Mineral Lease) 4484 County Road E WI 54451 2. Location and Drillhole Information Drillhole Number B25-001 05/04/2023 **NOI** Approval Date County Taylor NW % of SW % Sect. 35 T 33 N R Latitude 45.2953144 -90.5957526 E () or W (•) Longitude e.g., 43.1234° and -89.1234° Type of Drillhole (Core, Rotary, etc.) Starting Angle of Drillhole Direction/Azimuth Total Length of Drillhole **Date Started Drilling** Date Finished Drilling Surface Elevation at Drillhole Depth to Groundwater 06/25/2025 07/08/2025 N/A 1354.57 Drillhole Intervals From (ft.) To (ft.) Hole Diam. (in.) Core Diam. (in.) Geologic Material HQ - 3.750 2.5 Overburden - Sand, Gravels, Clay, Boulders Surface 135 135 250 NO2 - 2.980 1.990 Precambrian - Volcanic tuffs, seds, flows, sills 250 918 BTW - 2.360 1.654 Precambrian - Volcanic tuffs, seds, flows, sills **Cuttings Management** Sump/Mud Pit Recirculation Tank Other (specify) Liner Material 20mil HDPE Liner Sump Lined - Yes ( ) No ( 3. Abandonment Status 07/08/2025 Date Permanently Abandoned 07/18/2025 Date Temporarily Abandoned OR Threaded Cap ( Threaded Cap **Permanent Abandonment Summary** Sealing material used and method Amount of sealing material (bags or ft3 of cement and volume of Drillhole Interval (ft.) of placement water, or volume of other materials) To From Surface Neat Cement - 1" PVC 3.5-94# Bags - 21 gallons water 90 (HQ Casing) 90 250 Neat Cement - 1" PVC (NO2 Rod) 3.5-94# Bags - 21 gallons water 250 918 Neat Cement - BTW Drill Rod (BTW Open hole) 17-94# Bags - 102 gallons water If yes, length of casing (ft.) 130, HQ Casing, 160' NQ2 Rod Was Casing Left in Place? - Yes No () **Cuttings Disposal** Volume of rock cuttings (ft<sup>3</sup>) 13.4 -90.5956904 Sump location: Latitude 45.2955929 Longitude e.g., 43.1234° and -89.1234° Disposed in-place in the sump Mamended with neutralizing material (type and volume of material) 26 Bags of Neat Cement (holes B25-001, 002) O Placed in another sump (specify location) Disposed off-site (specify facility)

### 4. Comments

B25-001 and B25-002 were abandoned at the same time after the completion of B25-002. A threaded cap was placed on B25-001 during the drilling of hole B25-002. Neat cement was mixed at a ratio of 1-94# bag to 6 gallons of water, in batches, and pumped down hole through BTW rods. BTW rod was pulled after each batch. 17 bags of cement used to abandon the hole to above the NQ2 depth prior to attempting to free casing and NQ Rod. 5' of casing was removed and 90' of NQ2 was removed - 130' of casing and 160' of NQ2 were left in hole. 7 bags of cement were used to abandon the NQ2 and Cased portion of the hole through 1" PVC. Cuttings (B25-001 and 002) were allowed to settle and excess surface water pumped to the sump at site 5. 26 bags of neat cement were added and mixed (7/29/25). The liner was folded over the top of cuttings and backfilled on 8/2/2025.

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5. Fee							
Fee Included - Yes   No  Amount \$ 200							
Number of drillholes constructed in current license year? 1							
6. Certification							
Name of person or firm doing sealing work			I hereby certify that the information in this report is true and				
Taconite Drilling			accurate to the best of my knowledge and belief.				
Street or Route			Signature of Exploration Licensee Representative Date				
17126 County Road 456			Eric Quigley	08/18/2025			
City	State	ZIP Code	Title	-			
Warba	MN	55793	Director of Exploration				

### **Instructions**

An abandonment report shall be submitted to the department within 30 days after completion of temporary and permanent abandonment.

#### Section 1.

Provide the name of the Exploration Licensee as indicated on the valid nonferrous metallic mineral exploration license. Provide the name and address of the drilling company that constructed the exploration drillhole and the landowner on which the exploration drillhole is located.

### Section 2.

Provide the exploration drillhole number as designated by the licensee, the initial approval date for the notification of intent in which the exploration drillhole was proposed and described, and all of the information regarding the location of the drillhole. Provide the latitude and longitude in the form of decimal degrees to four significant digits. Provide all of the specified information about the exploration drillhole construction and cuttings management, including an approximate depth to groundwater, and a general description of the geologic material encountered.

### Section 3.

As applicable, provide the dates of temporary abandonment and permanent abandonment of the exploration drillhole. If submitting a report documenting permanent abandonment of a drillhole, complete the summary of the abandonment procedures and materials. Include the type of sealing materials, method of placement (e.g., neat cement grout pumped through conductor pipe) and the amounts of material used, including water. Provide the location of the sump/mud pit, if applicable, and all specified details regarding disposition of cuttings from the exploration drilling, including the volume of rock cuttings based on the diameters of the drillhole and the core.

### Section 4.

Include information necessary to clarify details included on the report or that may provide explanation related to information included in the report that may appear ambiguous. For example, if excess sealing material was needed to fill a drillhole, explain the circumstances, such as the presence of a fracture zone at a certain depth. If unique abandonment procedures were implemented, such as placement of a packer or methods to deal with a flowing drillhole, provide the details here and on additional sheets, if needed. Include dates of communication with department staff in which the alternative methods were discussed and approved.

### Section 5.

Indicate whether an exploration drillhole fee is included with the abandonment report. The fee for drilling the first 20 drillholes in any exploration license year is \$200 per drillhole and the fee for drilling each additional drillhole in the same license year is \$100 per drillhole. The fee shall be submitted one time per drillhole with either the temporary abandonment report or with the permanent abandonment report whichever occurs first.

### Section 6.

Provide the information about the person/firm that completed the abandonment work. The report must be signed by an authorized representative of the exploration licensee.

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# 4. Comments

B25-001 and B25-002 were abandoned at the same time after the completion of B25-002. Neat cement was mixed at a ratio of 1-94# bag to 6 gallons of water, in batches, and pumped down hole through BTW rods. BTW rod was pulled after each batch. 33 bags of cement were used to abandon the hole up to the casing depth on 7/17/25 prior to attempting to free casing. Only the top 5' of casing was able to be retrieved. 130' of HQ casing was left in hole. 6 Bags of cement were used to abandon the cased portion of the hole on 7/18/25 through 1" PVC. The sump contained cuttings generated from B25-001 and B25-002. Cuttings were allowed to settled with excess surface water pumped to the sump on Site#5. 26 bags of neat cement were added and mixed with cuttings on 7/29/25. The liner was folded over the top of the cuttings and backfilled on 8/2/25.

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5. Fee								
Fee Included - Yes $\bullet$ No $\bigcirc$ Amount \$ $\underline{200}$								
Number of drillholes constructed in current license year? 2								
6. Certification								
Name of person or firm doing sealing work			I hereby certify that the information in this report is true and					
Taconite Drilling			accurate to the best of my knowledge and belief.					
Street or Route			Signature of Exploration Licensee Representative Date					
17126 County Road 456			Eric Quigley	08/18/2025				
City	State	ZIP Code	Title	-				
Warba	MN	55793	Director of Exploration					

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