

176-D

WHITE-DIVISION OF WATER RESOURCES
CANARY-CLIENT'S COPY
PINK-WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY

Log No. 94790
Permit No. _____
Basin 109

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 52786

1. OWNER Borealis Mining Co. ADDRESS AT WELL LOCATION F.S. Rd 26 approx. 12 miles S of Hawthorne NV
MAILING ADDRESS 1136 Bergen Parkway M 290 Evergreen CO.
2. LOCATION SE 1/4 SW 1/4 Sec 9 T. 6 N. S. R. 29 (E) Mineral County
PERMIT NO. NDEP 225 Forest Service Borealis Mine site Subdivision Name
Issued by Water Resources Parcel No.

3. WORK PERFORMED: New Well Replace Recondition Deepen Abandon Other
4. PROPOSED USE: Domestic Municipal/Industrial Irrigation Test Monitor Stock
5. WELL TYPE: Cable Rotary Air Other HSA/HG COIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>poorly graded gravel w/ silt & sand Ben</u>		<u>0</u>	<u>14'</u>	<u>14'</u>
<u>Fat clay orange</u>	<u>100'</u>	<u>14'</u>	<u>65 1/2'</u>	
<u>weathered bedrock Andisite B-green</u>		<u>65 1/2'</u>	<u>111'</u>	

8. WELL CONSTRUCTION 111'
Depth Drilled 111 Feet Depth Cased 111 Feet
HOLE DIAMETER (BIT SIZE)
8 1/2" From 0 To 65 1/2' Feet
4 1/2" From 65 1/2' To 111' Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2"</u>		<u>Sch. 40</u>	<u>+3'</u>	<u>111</u>

Perforations:
Type perforation Factory Slot
Size perforation .020; Long Year
From 101 feet to 111 feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 90
Placement Method: Pumped Cement Grout
 Poured Bentonite from 98-90' Concrete Grout
Gravel Packed: Yes No 98
From 111 feet to 98 feet

9. WATER LEVEL
Static water level 100' feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature < 65' °F Quality _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Haz-Tech Drilling Inc. Contractor
Address P.O. Box 940 Contractor
Meridian ID 83680
Nevada contractor's license number issued by the State Contractor's Board 0038018
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2188
Signed Mike Corn
By driller performing actual drilling on site or contractor
Date 5-9-04

Date started 5-1-04, 20____
Date completed 5-2-04, 20____

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

RECEIVED
04 MAY 21 AM 10:15
STATE ENGINEERS OFFICE