177-D

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 94819
Permit No.
Basin 109

NOTICE OF INTENT NO. 52786

1. OWNER Borealis Mining Co
MAILING ADDRESS 1136 Bergen Parkway M290 Evergreen CO 80439
ADDRESS AT WELL LOCATION Borealis Mine Site F.S. Rd 26 Approx 12 miles South of Hawthorne.

2. LOCATION SE ¼ SW ¼ Sec. 9 T. 6 N/S R. 29 E Mineral County
PERMIT NO. NDEP #225 (Issued by Water Resources) Forest Service (Parcel No.) Borealis Mine Site (Subdivision Name)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other HSA

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Poorly graded gravel/w Silt + sand		0	9	9'
gravely lean clay Lt. Brn.		9'	69'	60'
Andisite Bedrock	101'	69	112'	43'

RECEIVED
04 MAY 21 AM 10:15
STATE ENGINEERS OFFICE

Date started 5-5-04, 20
Date completed 5-6-04, 20

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled 112 Feet Depth Cased 112' Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8½" Inches	0 Feet	69½' Feet	
4" Inches	69½ Feet	112 Feet	
Inches	Feet	Feet	

CASING SCHEDULE

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

Perforations:
Type perforation Factory slot, Long Year
Size perforation .020
From 102 feet to 112' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 80
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Bentonite From 98 - 80'

Gravel Packed: ☒ Yes ☐ No
From 112 feet to 98 feet

9. WATER LEVEL
Static water level 101 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature 68 °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 475 N 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 (By driller performing actual drilling on site or contractor)
Date 5-9-04

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627