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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. 94823
Permit No.
Basin 109

NOTICE OF INTENT NO. 52784

1. OWNER Borealis Mining Co.
MAILING ADDRESS 1136 Bergen Parkway M290 Evergreen, CO 80439
ADDRESS AT WELL LOCATION FS Rd 26 approx. 12 miles S. of Hawthorne, NV.

2. LOCATION NW ¼ NE ¼ Sec. 17 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 ☐ PVC
☐ Air ☒ Other HSA

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravel w/silt + sand Lt Brn.	DRY	0	8'	8'
Gravel w/silty clay + sand Lt Brn		8'	97½'	89½
Plugged by	1209			

RECEIVED
04 MAY 21 AM 10:15
STATE ENGINEERS OFFICE

Date started 5-6-04, 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 97½ Feet Depth Cased ~~100½'~~ 97½ Feet

HOLE DIAMETER (BIT SIZE)
8½" Inches From 0 Feet To 97½' Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		Sch. 40	+3	87½'

Perforations:
Type perforation Factory Slot Long Year
Size perforation .020
From 87½ feet to 97½' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50
Placement Method: ☒ Pumped ☐ Poured Bentonite From 85-50'
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 97½ feet to 85' feet

9. WATER LEVEL
Static water level DRY feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature 85° °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 [signature] By driller performing actual drilling on site or contractor
Date 5-9-04

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