176-S

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. 94791
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 FS. Rd 26 approx. 12 miles S. 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	Dry	0	14'	14'
Fat Clay orange		14'	20	6'

RECEIVED
04 MAY 21 AM 10:15
STATE ENGINEERS OFFICE

Date started 5-3-04, 20
Date completed 5-3-04, 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 20 Feet Depth Cased 20' Feet

HOLE DIAMETER (BIT SIZE)
8½" Inches From 0 Feet To 20' 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"	20'

Perforations:
Type perforation Factory Slot, Long Year
Size perforation .020
From 10 feet to 20' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 6
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Bentonite 8'-6"
Gravel Packed: ☒ Yes ☐ No
From 20 feet to 8' feet

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

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