

MV-175

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. 94024
Permit No. 109
Basin: T

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 INTEREST NO. 52785

1. OWNER Borealis Mining Co. ADDRESS AT WELL LOCATION Borealis mine site
MAILING ADDRESS 1136 Berger Parkway M290 FS, Rd 26, approx. 12 miles S. of Hawthorne,
Evergreen CO, 80439
2. LOCATION SW 1/4 SW 1/4 Sec 9 T 6 N 15 R 29 Mineral County
PERMIT NO. NDEP #225 Forest Service Borealis Mine Site
Issued by Water Resources Parcel No. 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Poorly graded gravel/silt sand thin</u>	<u>DRY</u>	<u>0</u>	<u>10'</u>	<u>10'</u>
<u>Poorly graded gravel w/ silt clay sand</u>		<u>10'</u>	<u>109'</u>	<u>99'</u>

8. WELL CONSTRUCTION
Depth Drilled 109 Feet Depth Cased 125 Feet
HOLE DIAMETER (BIT SIZE)
8 1/2" Inches From 0 Feet To 109' 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>89'</u>

Perforations:
Type perforation Factory Slot, Long Year
Size perforation 1.020
From 89 feet to 109 feet

Surface Seal: Yes No Seal Type:
Depth of Seal 66' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Bentonite Concrete Grout
Gravel Packed: Yes No
From 109 feet to 86' 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-21-88
Signed Mike C
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:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

RECEIVED
04 MAY 21 AM 10:15
STATE ENGINEERS OFFICE