

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY  
Log No. 116696  
Permit No. \_\_\_\_\_  
Basin 153

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 70094

1. OWNER Barrick ADDRESS AT WELL LOCATION Ruby Hill Mine  
MAILING ADDRESS PO box 676 Highway 50 & SR 27'8  
Eureka, NV 89316 Subdivision Name: \_\_\_\_\_ County: Eureka  
2. LOCATION SW 1/4 SW 1/4 Sec 10 T 19 N 53 E Latitude \_\_\_\_\_ UTM E 586005.4  NAD 27  
PERMIT/WAIVER No. MO / 1875 Longitude \_\_\_\_\_ N 4375699.1  NAD 83WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

3. WORKED PERFORMED  New Well  Replace  Recondition  Deepen  Other  
4. PROPOSED USE  Domestic  Irrigation  Test  Stock  Municipal/Industrial  Monitor  
5. WELL TYPE  Cable  Rotary  RVC  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Waste dump at mine site		0	120	120
Alluvium		120	185	65
Intrusive		185	230	45
Limestone		230	315	85
Calc shale		315	605	290
Dolomite		605	980	375

9. WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
980		980	

HOLE DIAMETER (BIT SIZE)

Inches	From	To
10.75"	0	170'
9 7/8"	170'	980'

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75"		.25" steel	+2'	170'
4.5"		.25" steel	+1.5'	980'

Perforations:

Type of perforation Vertical mill slot  
Size of perforation 1/8"

From	feet to	feet
960'	980'	

Annular Seal:  Yes  No

Material	From	To	Method
<input checked="" type="checkbox"/> Neat Cement	0	210	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	210	948	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout			<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout			<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	958	980	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	948	958	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
			Type: <u>1/2" coated bentonite pellets</u>

7. Water Level 782 feet below land surface  
Static water level:  
Artesian Flow: NA G.P.M. NA P.S.I.  
Water Temperature: Cool °F  
Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
At TD	12		

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Boart Longyear Nevada  
Contractor  
Address PO Box 2748  
Contractor  
Elko, NV 89803

Nevada contractor's license number 0021976  
issued by the State Contractor's Board  
Nevada driller's license number issued by the 2330  
Division of Water Resources, the on-site driller

Signed [Signature]  
By driller performing actual drilling on site or contractor  
Date 5/3/13

RECEIVED  
2013 MAY 31 AM 10:56  
STATE ENGINEERS OFFICE

NAD 27  
39.526712°N  
115.998428°W