

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

OFFICE USE ONLY  
Log No. 116687  
Permit No. \_\_\_\_\_  
Basin 133

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. 70091

1. OWNER Barrick ADDRESS AT WELL LOCATION Ruby Hill Mine  
MAILING ADDRESS PO Box 676 Highway 50 & SR 278  
Eureka, NV 89316

2. LOCATION SE 1/4 SW 1/4 Sec 10 T 19 N R 53 E Subdivision Name: \_\_\_\_\_ County: Eureka  
PERMIT/WAIVER No. MO / 1875 Latitude UTM E 586351.2  NAD 27  
Longitude N 4375766.7  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  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
Waste dump at mine site		0	185	185
Alluvium		185	315	130
Alluvium/tuff		315	340	25
Limestone		340	475	135
Sandy limestone		475	625	150
Limestone		625	885	260
Calc shale		885	1200	315

Date started: 4/16, 20 13  
Date completed: 4/22, 20 13

7. Water Level 650 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:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
ATD	34		

9. WELL CONSTRUCTION

Depth Drilled 1200' Feet Depth Cased 1200' Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
<u>10.75"</u>	<u>0</u>	<u>350'</u>
<u>9 7/8"</u>	<u>350'</u>	<u>1200'</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10.75"</u>		<u>.25" steel</u>	<u>+2'</u>	<u>350'</u>
<u>4.5"</u>		<u>.25" steel</u>	<u>+1.5'</u>	<u>1200'</u>

Perforations:

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

From 1180' feet to 1200' feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 400  Pumped  Poured  
 Cement Grout 400 to 1168  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 1178 to 1200  Pumped  Poured  
Type: 1/4" gravel  
Bentonite Chips:  Yes  No 1168 to 1178  Pumped  Poured  
Type: 1/2" coated bentonite pellets

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 \_\_\_\_\_  
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  
39.5272812N  
115.9949150W