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

OFFICE USE ONLY
Log No. 116688
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. 70090

1. OWNER Barrick
MAILING ADDRESS PO box 676
Eureka, NV 89316

ADDRESS AT WELL LOCATION Ruby Hill Mine
Highway 50 & SR 27'8
Subdivision Name: County: Eureka

2. LOCATION SE ¼ SW ¼ Sec 10 T 19 (N)S R 53 E
PERMIT/WAIVER No. MO / 1875
Issued by Water Resources
Parcel No.

Latitude
Longitude
UTM E 586351.2 ☐ NAD 27
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	Thickness
Waste dump at mine site		0	185	185
Alluvium		185	315	130
Alluvium / tuff		315	340	25
Limestone		340	450	110
Sandy limestone		450	640	190
Limestone		640	800	160

NAD 27
39.527280°N
115.994397°W

RECEIVED
2013 MAY 31 AM 10:56
STATE ENGINEERS OFFICE

Date started: 4/22, 20 13
Date completed: 4/26, 20 13

9. WELL CONSTRUCTION
Depth Drilled 800' Feet Depth Cased 800' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8 5/8"	Inches	0	Feet	350'	Feet
6.75"	Inches	350'	Feet	800'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.25" steel	+2'	350'
2"		.25" PVC	+1.5'	800'

Perforations:
Type of perforation Vertical mill slot
Size of perforation 1/8"
From 780' feet to 800' feet
From feet to 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 768 ☑ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 778 to 800 ☑ Pumped ☐ Poured
Type: 1/4" gravel
Bentonite Chips: ☑ Yes ☐ No 768 to 778 ☑ Pumped ☐ Poured
Type: 1/2" coated bentonite pellets

7. Water Level
Static water level: 507 feet below land surface
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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
At TD	26		

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 issued by the *State Contractor's Board* 0021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2330
Signed (By driller performing actual drilling on site or contractor)
Date 5/3/13

(Rev 05-09)

USE ADDITIONAL SHEETS IF NECESSARY