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

OFFICE USE ONLY
Log No. 116937
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. 70092

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 SW ¼ SW ¼ Sec 10 T 19 N R 53 E
PERMIT/WAIVER No. MO / 1875 Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E 586126.5 ☐ NAD 27
N 4375531.4 ☑ 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 Hole #BRH-584	Water Strata	From	To	Thickness
Waste dump at mine site		0	225	225
Alluvium		225	330	105
Intrusive		330	360	30
Limestone		360	390	30
Calcareous shale,		390	745	355
Dolomite		745	880	135

NAD 27
34.525769°N
115.993011

Date started 5/7, 20 13
Date completed 5/15, 20 13

7. Water Level
Static water level: 680 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	18		

9. WELL CONSTRUCTION
Depth Drilled 880' Feet Depth Cased 880' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8 5/8"	Inches	0	Feet	200'	Feet
6.75"	Inches	200'	Feet	880'	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'	200'
2"		.25" PVC	+1.5'	880'

Perforations:
Type of perforation Horizontal slot
Size of perforation .020
From 860' feet to 880' 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 80 ☑ Pumped ☐ Poured
☑ Cement Grout 80 to 848 ☑ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 858 to 880 ☑ Pumped ☐ Poured
Type: 1/4" gravel
Bentonite Chips: ☑ Yes ☐ No 848 to 858 ☑ 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 issued by the State Contractor's Board 0021978
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 6/17/13

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(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY