STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115365
Permit No. 81652T
Basin 153

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 68999

1. OWNER Barrick Ruby Hill PW-17
MAILING ADDRESS P.O Box 676
Eureka, NV. 89316

ADDRESS AT WELL LOCATION Ruby Hill Mine
Eureka, NV.
Subdivision Name: County: Eureka

2. LOCATION NE¼NE¼ Sec15T19N/ R53E
PERMIT/WAIVER NO. 81652T
Issued by Water Resources Parcel. No.

Latitude
Longitude

UTM E 587597 ☒ NAD 27
N 4375191 ☐ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE Dewater & mining
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Aluvium		0	200	200
Clay W/Gravel		200	520	320
Light Grey Rock		520	530	10
Rust Color Rock		530	540	10
Lt. Grey Rock W/Clay		540	1000	460
Dk. Grey Limestone		1000	1100	100
Lt. Grey Limestone		1100	1400	300
Grey/Black Limestone		1400	1520	120
Grey Limestone		1520	1540	20
Dk. Grey Limestone W/Pyrite		1540	1550	10
Grey Limestone		1550	1590	40
Grey/Green Limestone W/Pyrite		1590	1680	90
Lt. Grey Limestone		1680	1820	140

RECEIVED 2012 JUL 16 AM 11:04 STATE ENGINEERS OFFICE

Date started: May 25, 20 12
Date completed: July 2, 20 12

7. Water Level
Static water level: 664 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 72 °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
165	N/A	3

39.523786 °N
115.980871 °W

9. WELL CONSTRUCTION
Depth Drilled 1820 Feet Depth Cased 1806 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	80 Feet
19 Inches	80 Feet	1820 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.60	.375	0	80
12.75	49.56	.375	+2	1806

Perforations:
Type of perforation Louver
Size of perforation .080
From 800 feet to 1300 feet
From 1620 feet to 1800 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 781 to 1820 ☐ Pumped ☒ Poured
Type: 3/8" SRI
Bentonite Chips: ☒ Yes ☐ No 50 to 781 ☒ Pumped ☐ Poured
Type: 3/8" Hole Plug

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 (CONTRACTOR)
Address 2745 w. California Ave. (CONTRACTOR)
SLC, UT. 84104
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 2452
Signed
By driller performing actual drilling on site or contractor
Date July 9, 2012

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com