STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114253
Permit No. 80953 T
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. 65823

1. OWNER Ruby Hill Mine PW-15
MAILING ADDRESS PO Box 676
Eureka, NV. 89316

ADDRESS AT WELL LOCATION Ruby Hill Mine
HWY 50 & SR 278, Eureka
Subdivision Name: County: Eureka

2. LOCATION NE¼NW¼ Sec15T19N/ R53E
PERMIT/WAIVER NO. 80953 T
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 586446 ☐ NAD 27
N 4375410 ☒ NAD 83/WGS 84

3. WORK 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 Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Intrusive		0	30	30
Limestone		30	100	70
Dolamite		100	1206	1106

2" sounder bottom 19' perfed

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Date started: July 16, 20 11
Date completed: July 30, 20 11

7. Water Level
Static water level: 632 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
203	42	1.3

9. WELL CONSTRUCTION
Depth Drilled 1206 Feet Depth Cased 1200 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	35.75 Feet
19 Inches	35.75 Feet	1206 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	35.75
12.75	49.56	.375	+2	595.04
2.375	5.02	.218	+1.5	119.85

Perforations:
Type of perforation Mill Slot
Size of perforation 2.5" cut/.060 slot/18 slots per ft
From 595.04 feet to 1200.12 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 65 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 535 to 1206 ☐ Pumped ☒ Poured
Type: 3/8 x 1/2 SRI
Bentonite Chips: ☒ Yes ☐ No 65 to 535 ☒ 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 Drilling (CONTRACTOR)
Address 2745 W. California Ave (CONTRACTOR)
S.L.C., 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 2085
Signed
By driller performing actual drilling on site or contractor
Date August 3, 2011

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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39.524063°N
-115.993341°W NAD 27