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

OFFICE USE ONLY
Log No. 115393
Permit No. 80797
Basin 153

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 65812

1. OWNER Ruby Hill Mine PW-13
MAILING ADDRESS PO Box 676
Eureka, NV 89316

ADDRESS AT WELL LOCATION Ruby Hill Mine
Hwy 50 & SR 278, Eureka, NV 89316

2. LOCATION NW¼ SW ¼ Sec 11 T 19N N/S R 53 E
PERMIT/WAIVER No. 80797 *Issued by Water Resources* Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 587923 N 4376066
☐ NAD 27 ☑ NAD 83/WGS 84
County: Eureka

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... Flooded R/C

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravel		0	535	535
Limestone		535	1445	910
Quartz Feldspar Porphyry		1445	1480	35
Limestone		1480	1816	336
60' - 1175' = 3/8" Bentonite chips				

Date started 17-Jun , 20 11
Date completed 24-Jun , 20 11

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
135	128	2

8. WELL CONSTRUCTION
Depth Drilled 1816 Feet Depth Cased 1800 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	57	Feet
19	Inches	57	Feet	1816	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	52.5
12.75	49.56	.375	+	1337.94
2.375	5.02	.154	+	1790.40

Perforations:
Type of perforation Louvered
Size of perforation .250"
From 1337.94 feet to 1800 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 60
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1175 feet to 1816 feet

9. WATER LEVEL
Static water level 1030 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

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)
Salt Lake City, 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 7-21-2011

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(Rev. 06/10) USE ADDITIONAL SHEETS IF NECESSARY

39.529823° N
115.976073° W NAD27