STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 105181
Permit No.
Basin 179

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. 61666

1. OWNER Quadra Mining RP07-06
MAILING ADDRESS P.O. Box 382
Ruth, Nevada 89319

ADDRESS AT WELL LOCATION Robinson Minesite
2 miles south of Ruth, Nevada
Subdivision Name: N/A County: White Pine

2. LOCATION SE¼NW¼ Sec14T16N/ R62E
PERMIT/WAIVER NO. NEV0092105 (Issued by Water Resources) N/A (Parcel. No.)

Latitude 39.252067 UTM E 675715 ☒ NAD 27
Longitude 114.963659 N 4346517 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sandstone		0'	30'	30'
Light Grey Limestone		30'	115'	85'
Black Limestone		115'	165'	50'
Light Grey Limestone		165'	205'	40'
Light Sandy Limestone		205'	415'	210'
Grey Limestone		415'	695'	280'
Black Fractured Limestone		695'	900'	205'
Grey Limestone		900'	985'	85'
Note:				
3/8 Hole Plug, pumped		800'	985'	185'

Plugged by log 120653

Date started: 10-Nov, 20 07
Date completed: 15-Nov, 20 07

7. Water Level
Static water level: 398 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2.5	N/A	3.0

9. WELL CONSTRUCTION
Depth Drilled 985 Feet Depth Cased 800 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12.75 Inches	0 Feet	40 Feet
6.50 Inches	40 Feet	985 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	22.36	.250	0	40
2.375	3.65	.154	+1	800

Perforations:
Type of perforation Slotted
Size of perforation .030"
From 720 feet to 780 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 50' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 700' to 800' ☒ Pumped ☐ Poured
Type: #8 Sand
Bentonite Chips: ☒ Yes ☐ No 50' to 700' ☒ 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 Services (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, Nevada 89802
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 1995
Signed
By driller performing actual drilling on site or contractor
Date 20-Nov-07

STATE ENGINEER'S OFFICE
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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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