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

OFFICE USE ONLY
Log No. 115956
Permit No. 81567T
Basin 179

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

PH-C

NOTICE OF INTENT NO. 69380 ✓

1. OWNER KGHM/Robinson Mine
MAILING ADDRESS 4232 W. White Pine County Rd.
NE Ruth, NV 89319

ADDRESS AT WELL LOCATION Robinson Mine
Ruth, NV
Subdivision Name: County: White Pine

2. LOCATION SE ¼ SW ¼ Sec 11 T 16 N/S R 62 E
PERMIT/WAIVER No. ~~n/a~~ Order No 1198
81567T Issued by Water Resources
Parcel No.

Latitude
Longitude
UTM E 675576 ■ NAD 27
N 4347749 ☐ 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	Water Strata	From	To	Thickness
Unconsolidated backfill	no	0	85	85
SS, Oxidized, Angular-subangular	no	85	230	145
Shale	yes	230	285	55
Skarn	yes	285	1200	915

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Date started: 1 December, 20 12
Date completed: 8 December, 20 12

9. WELL CONSTRUCTION
Depth Drilled 1200 Feet Depth Cased 920 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6 3/4 Inches	0 Feet	1170 Feet
6 1/2 Inches	1170 Feet	1200 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 3/8	Sch. 40	1/4	920	0

Perforations:
Type of perforation Mill Slot
Size of perforation 0.125
From 800 feet to 300 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ■ Yes ☐ No

■ Neat Cement	50 to 0	■ Pumped	☐ Poured
■ Cement Grout	1200 to 920	■ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
■ ≥30% Bentonite Grout	293 to 50	■ Pumped	☐ Poured

Gravel Pack: ■ Yes ☐ No 920 to 298 ☐ Pumped ■ Poured
Type: 1/4 Gravel
Bentonite Chips: ■ Yes ☐ No 298 to 293 ☐ Pumped ■ Poured
Type: Coated bentonite pellets

7. Water Level
Static water level: 234.5 feet below land surface
Artesian Flow: N/A G.P.M. P.S.I.
Water Temperature: 60 °F
Quality: Good

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

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

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* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2390
Signed Adam Percifield (By driller performing actual drilling on site or contractor)
Date 12-19-12

(Rev. 05-08) USE ADDITIONAL SHEETS IF NECESSARY

39.263195°N NAD 27
114.964946°W