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

OFFICE USE
Log No. 11391
Permit No. 79887
Basin 053

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

NOTICE OF INTENT NO. 56135

1. OWNER Barrick/Cortez Gold Mines
MAILING ADDRESS HC 86 Box 1250
Crescent Valley, Nevada 89821

ADDRESS AT WELL LOCATION Gold Ridge
Grw-01
Subdivision Name: County: Eureka

2. LOCATION NW ¼ NW ¼ Sec 30 T 26N N/S R 49 E
PERMIT/WAIVER No. 79887 (Issued by Water Resources) Parcel No.
Latitude 40.119218°N Longitude 116.497745°W NAD 27
UTM N 4440345 E 542802 [x] NAD 27 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition [ ] Deepen [ ] Other

4. PROPOSED USE
[x] Domestic (Mining & Milling) [ ] Irrigation [ ] Test [ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC [ ] Air [x] Other flooded

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium	60	0	120	120
Clay		120	160	40
Basalt		160	360	200
Clay		360	385	25
2 3/8 sch 80 ASTM		+1	365	366
F480 Flush Joint				
Sounding tube				

Date started: 25-Jan, 20 11
Date completed: 10-Feb, 20 11

7. Water Level
Static water level: 60 feet below land surface
Artesian Flow: 55 G.P.M. 17 P.S.I.
Water Temperature: 50 °F
Quality: Clear

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [x] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
385	150		24 hrs

9. WELL CONSTRUCTION
Depth Drilled 385 Feet Depth Cased 385 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	10	Feet
24	Inches	10	Feet	110	Feet
17 1/2	Inches	110	Feet	385	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
25		.375	0	10
20		.375	0	110
10 3/4		.315	+2	385

Perforations:
Type of perforation louvered
Size of perforation 0.25
From 265 feet to 385 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 100 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 110 to 385 [ ] Pumped [x] Poured
Type: 3/4 gravel
Bentonite Chips: [x] Yes [ ] No 100 to 110 [ ] Pumped [x] Poured
Type: 3/8 chips

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* 2383
Signed (By driller performing actual drilling on site or contractor)
Date 2/15/2011

(Rev. 05-09)

USE ADDITIONAL SHEETS IF NECESSARY