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

OFFICE USE ONLY
Log No. 113905
Permit No.
Basin 054

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. 66012

1. OWNER Barrick/Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, Nevada 89821

ADDRESS AT WELL LOCATION Cortez Hills
Chpz-161
Subdivision Name: County: Lander

2. LOCATION SE ¼ SW ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O1634
Issued by Water Resources Parcel No.

Latitude 40.162377°N
Longitude 116.610625°W
NAD 27 (TB)
UTM E 533159 [x] NAD 27
N 4445642 [ ] NAD 83/WGS 84

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

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [x] Monitor [ ] Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
overburden		0	310	310
brown clay/ white rock		310	620	310
black rock		620	890	270

Date started: 16-Aug, 20 10
Date completed: 25-Aug, 20 10

9. WELL CONSTRUCTION
Depth Drilled 890 Feet Depth Cased 890 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12	Inches	0	Feet	40	Feet
7 7/8	Inches	40	Feet	890	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188	0	40
2		sch 80 pvc	+2	850
2		sch 80slotted pvc	850	890

Perforations:
Type of perforation slotted
Size of perforation 0.02
From 850 feet to 890 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 50 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No 848 to 890 [ ] Pumped [x] Poured
Type: 1/4 gravel
Bentonite Chips: [x] Yes [ ] No 50 to 848 [ ] Pumped [x] Poured
Type: ez seal

7. Water Level
Static water level: 720 feet below land surface
Artesian Flow: no G.P.M. n/a P.S.I.
Water Temperature: cool °F
Quality: Clear

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
890	8		1 hr

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 8/29/2010

(Rev. 08-06)

USE ADDITIONAL SHEETS IF NECESSARY