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

OFFICE USE ONLY
Log No. 115188
Permit No. 77179
Basin 054

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. 66979

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

ADDRESS AT WELL LOCATION Cortez Hills
Flc-8

2. LOCATION NE ¼ SW ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. 77179 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533397 N 4445807
☑ NAD 27 ☐ NAD 83/WGS 84
County: Lander

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other...

4. PROPOSED USE
☑ ~~Domestic~~ (M+M) ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☑ RVC
☐ Air ☐ Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	300	300
Alluvium	700	300	700	400
Clay		700	900	200
Basalt		900	1200	300

Date started 20-Apr , 20 11
Date completed 5-May , 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1200	26		24 Hrs

8. WELL CONSTRUCTION
Depth Drilled 1200 Feet Depth Cased 1200 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
24"	Inches	0	Feet	50	Feet
17 1/2	Inches	50	Feet	1200	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20"		.375	0	50
10 3/4		.315	+2	700
10 3/4		.315	1180	1200

Perforations:
Type of perforation Louvered
Size of perforation 0.25
From 700 feet to 1180 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 50
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 0 50 feet to 1200 feet

9. WATER LEVEL
Static water level 700 feet below land surface
Artesian flow no G.P.M. na P.S.I
Water temperature cool °F Quality clear

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 5/6/2011

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

40.163854°N
116.607822°W
NAD27
Dec/Deg