

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

OFFICE USE ONLY  
Log No. 105880  
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. 61297

1. OWNER Barrick/Cortez Gold Mines  
MAILING ADDRESS HC66 Box 1250  
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills  
PLPW-02

Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SW ¼ SE ¼ Sec 30 T 28N N/S R 47 E Latitude 40,265016 UTM E 523458.7  NAD 27  
PERMIT/WAIVER No. M/O-1487 Longitude 116,724116 N 4456998  NAD 83/WGS 84

Issued by Water Resources Parcel No. \_\_\_\_\_

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	Thick-ness
Alluvium/Gravel		0	190	190
Bed rock @ 190'				
Gray Rock		190	250	60
Black Rock		250	280	30
Yellowish Brown Rock/Clay		280	290	10
Yellowish/Brown & Black/Rock		290	400	110
Gray Rock		400	420	20
Gray/Yellowish Black Rock & Clay		420	590	170
Gray Rock		590	780	190
Soft Black Rock some Gray		780	980	200
Gray Rock with White Stripes		980	1030	50
Soft Black Rock & Clays		1030	1560	530
Black & Gray with White Mix		1560	2000	440
1st Noticed water @1230'				
2 to 3 gpm water 1220' to 1480'				
10 gpm water @ 1580'				
10 to 12 gpm water @ 1580' to 1820'				
16 gpm water @ 1840'				
20 gpm water @ 1880'				
33 gpm water @ 1980'				
35 gpm water @ 2000'				

9. WELL CONSTRUCTION

Depth Drilled 2000 Feet Depth Cased 2000 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0	60
6 3/4 Inches	60	1190
6 1/2 Inches	1190	2000

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	60
2		Sch. 80 PVC	0	2000

Perforations:

Type of perforation Slotted  
Size of perforation 0.02

From Blank PVC 0 feet to 1800 feet  
From Slotted PVC 1800 feet to 2000 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 62  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout 1542 to 1798  Pumped  Poured

Gravel Pack:  Yes  No 1798 to 2000  Pumped  Poured  
Type: 1/4" well gravel

Bentonite Chips:  Yes  No 62 to 1542  Pumped  Poured  
Type: 3/8" Bentonite hole plug

Date started: 24-Feb, 2008  
Date completed: 11-Mar, 2008

7. Water Level  
Static water level: 1220 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: Cool °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 35 gpm water while drilling @2000'			

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Eklund Drilling Company, Inc.  
Contractor

Address PO Box 2748  
Contractor

Elko, NV 89803

Nevada contractor's license number \_\_\_\_\_  
issued by the State Contractor's Board 0030823

Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2298

Signed August Waldemar By driller performing actual drilling on site or contractor  
Date 3/14/2008