

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

OFFICE USE ONLY
Log No. 116407
Permit No. _____
Basin 053

well name:
#GRP2-23
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. 67390

1. OWNER Cortez Gold Mine
MAILING ADDRESS HL 66 Box 1250
Crescent Valley, NV 89821
ADDRESS AT WELL LOCATION HL 66 Box 1250
Crescent Valley, NV 89821
Subdivision Name: _____ County: Eureka

2. LOCATION NW 1/4 NE 1/4 Sec 24 T 26 N SR 48 E
PERMIT/WAIVER No. M/O-1748
Latitude _____ UTM E 548834 NAD 27
Longitude _____ N 4440352 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
<u>Aluvion</u>		<u>0</u>	<u>310</u>	<u>310</u>
<u>Brown clay</u>		<u>310</u>	<u>390</u>	<u>80</u>
<u>Aluvion</u>		<u>390</u>	<u>440</u>	<u>50</u>
<u>Brown clay</u>		<u>440</u>	<u>550</u>	<u>110</u>
<u>Aluvion with clay</u>		<u>550</u>	<u>690</u>	<u>140</u>
<u>Black rock with clay</u>		<u>690</u>	<u>780</u>	<u>90</u>
<u>Gray rock with clay</u>		<u>780</u>	<u>880</u>	<u>100</u>
<u>Black rock and silt</u>		<u>880</u>	<u>950</u>	<u>70</u>
<u>Black rock with Quartzite</u>		<u>950</u>	<u>1798</u>	<u>848</u>
<u>Water contact at around 690' to 700'</u>				

9. WELL CONSTRUCTION
Depth Drilled 1798 Feet Depth Cased 1798 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
<u>1 2 3/4"</u>	<u>0</u>	<u>39 1/2</u>		
<u>6 3/4"</u>	<u>39 1/2</u>	<u>1798</u>		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>3 7/8"</u>		<u>.25"</u>	<u>+ .5'</u>	<u>39.5'</u>
<u>2 3/4"</u>		<u>3/16"</u>	<u>+ 2'</u>	<u>1798'</u>

Perforations:

Type of perforation Horizontal mill slot
Size of perforation .020"

From	To	Feet	Feet
<u>Blank + 2'</u>	<u>1598'</u>		
<u>Screen 1598'</u>	<u>1798'</u>		

Angular Seal: Yes No

Neat Cement 5.5' to 0' Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout 1596' to 55' Pumped Poured

Gravel Pack: Yes No 1798' to 1596' Pumped Poured
Type: 1/4" gravel

Bentonite Chips: Yes No 1596' to 1576' Pumped Poured
Type: 3/8" chip

Date started: 11/5 20 11
Date completed: 11/18 20 11

7. Water Level
Static water level _____ feet below land surface
Artesian Flow: NA G.P.M. NA P.S.I.
Water Temperature: 62 °F
Quality: Clear

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>Air lift at TD</u>	<u>120</u>		

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 2330

Signed [Signature]
By driller performing actual drilling on site or contractor

Date _____

(Rev. 05-06)
40.112515°N
116.508191°W NAD27

USE ADDITIONAL SHEETS IF NECESSARY