WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 90712
Permit No.
Basin 054

NOTICE OF INTENT NO. 51513

1. OWNER Cortez Gold Mines DRW-02
MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.

2. LOCATION NE 1/4 SW 1/4 Sec. 1 T 27N N/S R 47 E Lander County
PERMIT NO. M/O-1283 Issued by Water Resources | N/A Parcel No. | N/A Subdivision Name

3. **WORK PERFORMED**
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

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

5. **WELL TYPE**
[ ] Cable [X] Rotary [ ] RVC
[ ] Air [ ] Other

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Sand and clay		0	15	15
Gravel		15	20	5
Clay		20	35	15
Clay and gravel		35	40	5
Gravel		40	45	5
Clay		45	50	5
Clay and gravel		50	55	5
Gravel		55	60	5
Clay		60	85	25
Gravel		85	90	5
Clay		90	95	5
Gravel		95	105	10
Clay and gravel		105	115	10
Gravel		115	120	5
Clay and gravel		120	127	7
Construction Detail:				
Insulated vault and valve at surface.				
16" casing cemented		0	20	20
10" casing cemented		0	37	37
4" casing cemented		0	10	10
Hole plug		10	95	85
Gravel pack		95	127	32

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Date started 8/14/2003 , 19__
Date completed 8/16/2003 , 19__

7. **WELL TEST DATA**
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100	N/A	4

8. **WELL CONSTRUCTION**
Depth Drilled 127 Feet Depth Cased 120 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
20.5	Inches	0	Feet	20	Feet
14.75	Inches	20	Feet	37	Feet
9.875	Inches	37	Feet	127	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	81.97	0.495	0	20
10.75	28.04	0.250	0	37
4.5		Sch. 80	+2	120

Perforations:
Type perforation Slot
Size perforation 0.080"
From 110 feet to 120 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 95'
Placement Method: [ ] Pumped [ ] Poured
Seal Type: [ ] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 95 feet to 127 feet

9. **WATER LEVEL**
Static water level 0 feet below land surface
Artesian flow 0 G.P.M. 0 P.S.I.
Water temperature Cool °F Quality Good

10. **DRILLER'S CERTIFICATION**
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Lang Exploratory Drilling (Contractor)
Address P.O. Box 5279 (Contractor)
Elko, NV 89802-5279
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2130
Signed Scott Belliston (By driller performing actual drilling on-site or contractor)
Date 8/26/03

USE ADDITIONAL SHEETS IF NECESSARY

B.S.L