

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

OFFICE USE ONLY  
 Log No. **88399**  
 Permit No. **057**  
 Basin

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. **50814**

1. OWNER **Cortez Gold Mines IW-3** ADDRESS AT WELL LOCATION **Cortez Gold minesite, south of Crescent Valley, NV.**  
 MAILING ADDRESS **HC 66, Box 1250 Crescent Valley, NV 89821**

2. LOCATION **NE** 1/4 **NE** 1/4 Sec. **24** T **27N** N/S R **47E** E **Lander** County  
 PERMIT NO. **Case No. 93-126** Issued by Water Resources **N/A** Parcel No. **N/A** Subdivision Name

3. **WORK PERFORMED**  New Well  Replace  Recondition  Deepen  Abandon  Other  
 4. **PROPOSED USE**  Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock

5. **WELL TYPE**  Cable  Air  Rotary  RVC  Other

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thick-ness
Alluvium		0	185	185
<b>Bottom 10' of the hole caved after drilling.</b>				
<b>Construction Detail:</b>				
Cement		0	92.6	92.6
Hole plug		92.6	104	11.4
Sand		104	175	71
Fill		175	185	10

8. **WELL CONSTRUCTION**

Depth Drilled **185** Feet Depth Cased **175** Feet

**HOLE DIAMETER (BIT SIZE)**

	From	To
<b>14.75</b> Inches	<b>0</b> Feet	<b>20</b> Feet
<b>7.875</b> Inches	<b>20</b> Feet	<b>185</b> Feet

**CASING SCHEDULE**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>10.75</b>	<b>41.55</b>	<b>0.375</b>	<b>0</b>	<b>20</b>
<b>4.50</b>	<b>2.86</b>	<b>Sch. 80</b>	<b>+2</b>	<b>175</b>

**Perforations:**  
 Type perforation **Slot**  
 Size perforation **0.020"**

From	To
<b>110</b> feet	<b>175</b> feet

Surface Seal:  Yes  No  
 Depth of Seal **104'**  
 Placement Method:  Pumped  Poured  
 Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Gravel Packed:  Yes  No  
 From **104** feet to **175** feet

9. **WATER LEVEL**  
 Static water level **137.60** feet below land surface  
 Artesian flow **N/A** G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature **64** °F Quality **Fair**

Date started **9/16/2002**, 19\_\_\_\_  
 Date completed **9/16/2002**, 19\_\_\_\_

7. **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	<b>3</b>	<b>Not Meas.</b>	<b>1</b>

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 **2143**  
 Signed **Brant Bowen**  
 By driller performing actual drilling on-site or contractor  
 Date **9/17/02**

*BST-C*