

**ORIGINAL**

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

**OFFICE USE ONLY**  
 Log No. 114732  
 Permit No. \_\_\_\_\_  
 Basin 142

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. 67738

1. OWNER METALLIC GOLDFIELD, INC. ADDRESS AT WELL LOCATION MW - 19  
 MAILING ADDRESS 230 SOUTH ROCK BLVD, SUITE 30 ALKALI SPRING VALLEY  
RENO, NV 89502 Subdivision Name: \_\_\_\_\_ County: Esmeralda

2. LOCATION NW 1/4 SE 1/4 Sec 25 T 02S N/S R 42 E Latitude 37° 44.012 N UTM E  NAD 27  
 PERMIT/WAIVER No. M/O 1730 Longitude 117° 12.849 W N  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
SAND AND GRAVEL		0'	19'	19'
RED VOLCANIC		19'	40'	21'
GRAY BASALT		40'	70'	30'
GRAY ANDASITE		70'	130'	60'
BLACK BASALT		130'	200'	70'

9. **WELL CONSTRUCTION**  
 Depth Drilled 200' Feet Depth Cased 200' Feet  
**HOLE DIAMETER (BIT SIZE)**

From		To	
12 1/4"	Inches	0'	Feet
8"	Inches	20'	Feet
	Inches	200'	Feet

**CASING SCHEDULE**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+2'	20'
4"		SCH. 80	+1.5'	200'

**Perforations:**  
 Type of perforation \_\_\_\_\_ **SCREEN**  
 Size of perforation 0.010"

From	feet to	feet
100'	200'	feet
		feet

**Annular Seal:**  Yes  No

Material	From	To	Pumped	Poured
<input checked="" type="checkbox"/> Neat Cement	0'	20'	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Cement Grout	20'	95'	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Concrete Grout			<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> ≥30% Bentonite Grout			<input type="checkbox"/>	<input type="checkbox"/>

Gravel Pack:  Yes  No 95' to 200'  Pumped  Poured  
 Type: SRI 8 X 16

Bentonite Chips:  Yes  No   to    Pumped  Poured  
 Type: \_\_\_\_\_

Date started: 31-Oct , 20 11  
 Date completed: 31-Oct , 20 11

7. **Water Level**  
 Static water level: 90' feet below land surface  
 Artesian Flow: NO G.P.M. 0 P.S.I.  
 Water Temperature: COOL °F  
 Quality: \_\_\_\_\_

8. **WELL TEST DATA**

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AIRLIFT	10		2 HRS

10. **DRILLER'S CERTIFICATION**  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Hydro Resources-West, Inc. Contractor  
 Address 4975 W. Winnemucca Blvd. Contractor  
Winnemucca NV, 89445  
 Nevada contractor's license number \_\_\_\_\_  
 issued by the State Contractor's Board 56797  
 Nevada driller's license number issued by the \_\_\_\_\_  
 Division of Water Resources, the on-site driller # 1713  
 Signed Michele Strother  
 By driller performing actual drilling on site or contractor  
 Date 11/10/11