

REPORT NO. **AE13.28**

STATE OF NEVADA  
DIVISION OF WATER RESOURCE

**WELL DRILLER'S REPORT**

LOG NO. **119784**  
PERMIT NO. **83054T**  
BASIN **103**

NOTICE OF INTENT NO. **70317**

1. OWNER **Consolidated Virginia Mining Company**  
MAILING ADDRESS **P.O. Box 890, Virginia City NV 89440**

ADDRESS OF WELL **Sutro Mine**  
**Virginia City, NV 89440**

2. WELL LOCATION **NW** 1/4 **NE** 1/4 SEC. **20** T **17** R **21** E **Storey** COUNTY  
PERMIT NO **83054T** PARCEL NC **004-301-06** SUBDIVISION NAME

3. TYPE OF WORK

New Well  Replace  Recondition  
 Deepen  Plug  Other

4. PROPOSED USE

Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE

Cable  Rotary  RVC  
 Air  Mud

6. LITHOLOGIC LOG

MATERIAL	STRATA	FROM	TO	THICKNESS
Dirt & Rock		0	5	
Brown Clay & Rock		5	20	
Multi-colored Rock		20	60	
Grey & Green Rock		60	90	
Dark Green & White Rock		90	120	
Light Green Rock & White Clay		120	140	
Light Green Rock		140	170	
Light & Dk. Green Rock, White Clay		170	200	
Light Green Rock		200	300	
Light & Dk. Green Rock, Grey Clay		300	340	
Dark Green, Black & White Rock		340	400	
Light Green Rock & Grey Clay		400	410	
Dark Green, Black & White Rock		410	860	
Plugged by log 120723				
Had 27				
39.329400°N				
119.1643293°W				

8. WELL CONSTRUCTION

Depth Drilled **860'** Depth Cased **425'**

HOLE DIAMETER (BIT SIZE)

**10-5/8** Inches **0** Feet **100** Feet  
**8-1/2** Inches **100** Feet **425** Feet  
**6** Inches **425** Feet **860** Feet

CASING SCHEDULE

Size OD	Weight/Ft	Wall Thickness	From	To
<b>6-5/8</b>	<b>12.92</b>	<b>.188</b>	<b>+3</b>	<b>425</b>

PERFORATIONS

Type Perforation **Factory** Size Perforation **3/32 x 3**  
From **385** Feet to **425** Feet  
From \_\_\_\_\_ Feet to \_\_\_\_\_ Feet  
From \_\_\_\_\_ Feet to \_\_\_\_\_ Feet

SURFACE SEAL

Yes  No SEAL TYPE:  
 Neat Cement

Seal Depth **100'**  Cement Grout

PLACEMENT METHOD:  Pumped  Concrete Grout  
 Poured  Bentonite

GRAVEL PACKED

Yes  No  
From **100** Feet to **425** Feet

9. WATER LEVEL

Static Water Level **413** Feet Below Land Surface  
Artesian Flow \_\_\_\_\_ GPM \_\_\_\_\_ PSI  
Water Temperature **Cold** F Quality **No Test**

10. DRILLER'S CERTIFICATION

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

Name **Aqua Drilling & Well Service, Inc.**  
Address: **675 Edison Way**  
**Reno, NV 89502**

NV. CONTRACTOR'S LIC. NO **15291** DRILLER'S LIC. NO **2362**  
ON SITE

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

Dated **February 11, 2014**

Notes: **2nd. Well NAD 83/WGS 84: Latitude: N39.329312**  
**Longitude: W119.644306 \*\*\*No Casing from 425' to 860'. Open borehole.**

Date Started **Oct. 18, 2013** Date Completed **Dec. 17, 2013**

7. WELL TEST DATA

TEST METHOD  Bailer  Pump  Air Develop

	GPM	DRAWDOWN	TIME (HRS)
	<b>5</b>		<b>3 Hrs.</b>