REPORT NO. AE13.12

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

LOG NO. 119785
PERMIT NO. 82603
BASIN 103

NOTICE OF INTENT NO. 70305

1. OWNER Consolidated Virginia Mining Co.
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 82603 PARCEL NO 004-301-06 SUBDIVISION NAME

3. TYPE OF WORK
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Plug [ ] Other

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

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [X] Mud

6. LITHOLOGIC LOG

MATERIAL	STRATA	FROM	TO	THICKNESS
Dirt & Rock		0	5	
Black Rock		5	10	
Brown Rock		10	60	
Multi-Colored Rock		60	70	
Green Rock		70	80	
Light Green Rock		80	220	
Light & Dark Green Rock		220	240	
Light Green Rock & Gray Clay		240	250	
Fractured Light Green Rock		250	273	
Dark Green,Black & White Rock		273	400	
NAD27				
39.329324°N				
119.644592°W				

2013 AUG 27 AM 10:44
STATE ENGINEER'S OFFICE

Notes : WGS-84GPS Lat.:N39.329326 Long.:W119.644605. From 278' to 400' is an open borehole (no casing).

Date Started July 18,2013 Date Completed August 2, 2013

7. WELL TEST DATA

TEST METHOD [ ] Bailer [ ] Pump [X] Air Develop

	GPM	DRAWDOWN	TIME (HRS)
Air	Mist		

8. WELL CONSTRUCTION
Depth Drilled 400 Depth Cased 278

HOLE DIAMETER (BIT SIZE)
10 5/8 Inches 0 Feet 100 Feet
8 1/2 Inches 100 Feet 278 Feet
6 1/4 Inches 278 Feet 400 Feet

CASING SCHEDULE

Size OD	Weight/Ft	Wall Thickness	From	To
6 5/8	12.92	.188	+2	278

PERFORATIONS:
Type Perforation Factory Size Perforation 3/32 x 3
From 238 Feet to 258 Feet
From Feet to Feet
From Feet to Feet

SURFACE SEAL: [X] Yes [ ] No
Seal Depth 100'
PLACEMENT METHOD: [ ] Pumped [X] Poured
SEAL TYPE: [ ] Neat Cement [ ] Cement Grout [X] Concrete Grout [ ] Bentonite

GRAVEL PACKED: [X] Yes [ ] No
From 100 Feet to 278 Feet

9. WATER LEVEL
Static Water Level 240 Feet Below Land Surface
Artesian Flow GPM PSI
Water Temperature 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 knowledge.
Name Aqua Drilling & Well Service, Inc.
Address 675 Edison Way
Reno, NV 89502
NV. CONTRACTOR'S LIC. NO. 15291 DRILLER'S LIC. NO. ON SITE 2362
Signed
By driller performing actual drilling on site or contractor
Dated August 26, 2013