STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118500
Permit No. 83091T
Basin 108

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. **70627**

1. OWNER **Nevada Copper** **DW-01 Shaft Well**
MAILING ADDRESS **P.O. Box 1640**
Yerrington, NV. 89447

ADDRESS AT WELL LOCATION **9 Miles Southeast of Yerrington, NV.**
Subdivision Name: *County:* **Lyon**

2. LOCATION **NW¼NE¼ Sec02T12N/ R26E**
PERMIT/WAIVER NO. **8309IT**
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E **323392** ☒ NAD 27
N **4311503** ☐ NAD 83/WGS 84

3. WORK 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 **Flooded Rev**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Fill		0	10	10
Sandstone, Gravels		10	50	40
Strong Clay		50	100	50
Sandstone, Gravels		100	255	155
Grey Volcanic Gravels		255	330	75
Orange Volcanic Gravels		330	480	150
Andesite		480	850	370
Brown Volcanic Tuff		850	1070	220
Grey Volcanic Tuff		1070	1190	120
Red-Brown Volcanic Tuff		1190	1305	115
Endoskarn		1305	1460	155
Hornfels		1460	1500	40

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NAD 27
38.9365620N
119.0375860W

Date started: **September 21**, 20 **13**
Date completed: **October 9**, 20 **13**

9. *WELL CONSTRUCTION*

Depth Drilled **1500** Feet Depth Cased **1480** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	**0** Feet	**57** Feet
19 Inches	**57** Feet	**1500** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	0.375	0	57
12.75	41.52	0.312	+2	1480

Perforations:
Type of perforation **Rosco Moss Full Flow Louvered**
Size of perforation **.125**
From **660** feet to **1480** feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 300 to 1500 ☒ Pumped ☐ Poured
Type: **3/8 SRI**
Bentonite Chips: ☒ Yes ☐ No 50 to 300 ☒ Pumped ☐ Poured
Type: **3/8 Medium Kwik Plug**

7. *Water Level*
Static water level: **403** feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: **90** °F
Quality: **Good**

8. WELL TEST DATA

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
380	N/A	1:40

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Boart Longyear** (CONTRACTOR)
Address **2745 California Ave.** (CONTRACTOR)
SLC., UT. 84104
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* **2339**
Signed [signature]
By driller performing actual drilling on site or contractor
Date **November 4, 2013**

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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