STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 120327
Permit No. 83454
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. 70649

1. OWNER Nevada Copper DW-02
MAILING ADDRESS P.O Box 1640
Yerrington, NV. 89447

ADDRESS AT WELL LOCATION Nevada Copper Mine Site, East of Yerrington, NV.
Subdivision Name: County: Lyon

2. LOCATION NW¼NE¼ Sec2T12N/ R26E
PERMIT/WAIVER NO. 83454 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 323373 ☐ NAD 27
N 4311742 ☒ 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
Fine grey & tan rock		0	20	20
Medium tan & grey rock		20	30	10
Very fine tan & grey rock		30	90	60
Assorted gravel		90	130	40
Very fine tan rock		130	190	60
Clay w/gravel		190	390	200
Medium grey rock		390	750	360
Grey clay w/rock		750	1120	370
Tan / brown clay w/rock		1120	1380	260
Grey clay w/rock		1380	1420	40
Fine grey rock w/little clay		1420	1790	370
Clay w/grey rock		1790	1800	10
Grey shale w/little clay		1800	1890	90
Clay w/ dark grey rock		1890	1900	10
Dark grey rock		1900	1940	40
Light grey rock		1940	2095	155
150 94# bag cement		0	100	100
630 50# bag 3/8 holeplug		100	524	424
60 super sac 3/8 gravel		524	2095	1571

Date started: May 17, 20 14
Date completed: June 16, 20 14

7. Water Level
Static water level: 643 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
286	500	1hr 40min

Nad 27
38.9393 10N
119.0378 E W

9. WELL CONSTRUCTION
Depth Drilled 2095 Feet Depth Cased 2094 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	55 Feet
19 Inches	55 Feet	2095 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	55
12.75	49.56	.375	+2	2094

Perforations:
Type of perforation Full Flo Louvered
Size of perforation .0125
From 1254 feet to 2074 feet
From 649 feet to 749 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 100 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 524 to 2095 ☒ Pumped ☐ Poured
Type: SRI 3/8 X 1/4

Bentonite Chips: ☒ Yes ☐ No 100 to 524 ☐ Pumped ☒ Poured
Type: 3/8 Medium Holeplug

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 2085
Signed
By driller performing actual drilling on site or contractor
Date June 17, 2014

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com