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

OFFICE USE ONLY
Log No. 117823
Permit No.
Basin 108

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. 68672

1. OWNER Nevada Copper
MAILING ADDRESS PO Box 1640, Yerington, NV 89447
ADDRESS AT WELL LOCATION Pumpkin Hollow 8 Miles SE of Yerington
Subdivision Name: County: Lyon

2. LOCATION NW ¼ NE ¼ Sec 23 T 12 N/S R 26 E
PERMIT/WAIVER No. M/O-1802 MW-12-13 Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E 321528 N 4311541 ☒ NAD 27 ☐ NAD 83/WGS 84

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	Thickness
SAND	NO	0	30'	30'
CEMENTED GRAVEL	NO	30'	170'	140'
CLAY & GRAVEL	15GPM	170	290'	120'
CEMENTED GRAVEL	NO	290'	310'	20
CLAY & GRAVEL		310'	770'	460'
HARD GRAY ROCK		770'	820'	50'
FAULT ZONE - GRAY	50GPM	820'	860'	40'
HARD ROCK - GRAY	NO	860'	990'	130'
STICKY CLAY - GRAY		990'	1010'	20'
HARD ROCK		1010'	1090'	80'
FAULT ZONE - GRAY	YES	1090	1190	100'
HARD ROCK - GRAY		1190	1360	180'

Date started: FEB 7, 20 12
Date completed: FEB 22, 20 12

9. WELL CONSTRUCTION
Depth Drilled 1364 Feet Depth Cased 1360 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	SURFACE	Feet	40'	Feet
6 3/4"	Inches	40'	Feet	1250'	Feet
6 1/2"	Inches	1250	Feet	1364	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 3/4"	17.2 LB/FT	.188	0	40'
2 3/8"	4.7 LB/FT	.218	0	1360

Perforations:
Type of perforation SLOT
Size of perforation 0.020"
From 1360 feet to 1300 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 50 to 0 ☐ Pumped ☒ Poured
☒ Cement Grout 1290 to 50 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1364 to 1290 ☒ Pumped ☐ Poured
Type: 1/4" GRAVEL
Bentonite Chips: ☒ Yes ☐ No 1290 to 1280 ☒ Pumped ☐ Poured
Type: NO. 8

7. Water Level
Static water level: 250' feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality: CLEAR

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
300'	15		
830'	50		
1000'	100		
1160'	160		
1360	160		

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 Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2253
Signed (By driller performing actual drilling on site or contractor)
Date 3.15.12

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

NAD27 38.936527°N, 119.059088°W