WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 72342
Permit No.
Basin 179

NOTICE OF INTENT NO. 39228

1. OWNER BHP COPPER
MAILING ADDRESS P.O. BOX 89
RUTH, NV 89319

ADDRESS AT WELL LOCATION
LW-8 BHP MINE SITE

2. LOCATION NE 1/4 NW 1/4 Sec. 16 T 16 N/S R 62 E WHITE PINE County
PERMIT NO. 62795 (Issued by Water Resources) | N/A (Parcel No.) | N/A (Subdivision Name)

**3. WORK PERFORMED**
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [●] Abandon [●] Other

**4. PROPOSED USE**
[ ] Domestic [ ] Irrigation [ ] Test
[X] Municipal/Industrial (MINING) [ ] Monitor [ ] Stock

**5. WELL TYPE**
[ ] Cable [ ] Rotary [X] RVC
[ ] Air [ ] Other

**6. LITHOLOGIC LOG**

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| HOLE PLUG 20'-50' | | | | |
| RED AND BROWN ROCK | | 0 | 30 | 30 |
| NO RETURN | | 30 | 80 | 50 |
| See next line | | 80 | 310 | 230 |
| GRAY AND BLACK ROCK W/LITTLE CLAY | | | | |

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Date started 7/7/98, 19__
Date completed 7/15/98, 19__

**7. WELL TEST DATA**

TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 4.5 | N/A | 1 hr. |

**8. WELL CONSTRUCTION**
Depth Drilled 310 Feet Depth Cased 300 Feet

**HOLE DIAMETER (BIT SIZE)**

| | | From | | To | |
|---|---|---|---|---|---|
| 19 | Inches | 0 | Feet | 20 | Feet |
| 12 1/4 | Inches | 20 | Feet | 310 | Feet |
| | Inches | | Feet | | Feet |

**CASING SCHEDULE**

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 14 | 54.57 | .375 | +1 | 20 |
| 6 | 17.02 | .250 | +3 | 300 |

**Perforations:**
Type perforation LOUVERED FULL FLOW
Size perforation .125
From 100 feet to 120 feet
From 140 feet to 160 feet
From 180 feet to 200 feet
From 220 feet to 240 feet
From 260 feet to 280 feet

Surface Seal: [ ] Yes [X] No
Depth of Seal 20
Placement Method: [ ] Pumped [X] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [ ] Yes [X] No
From 50 feet to 310 feet

**9. WATER LEVEL**
Static water level 45 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality GOOD

**10. DRILLER'S CERTIFICATION**
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Lang Exploratory Drilling (Contractor)
Address P.O. BOX 5279 (Contractor)
ELKO, NV 89802

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 1716

Signed David Haas
By driller performing actual drilling on-site or contractor

Date 7/15/98