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

OFFICE USE ONLY
Log No. 125365
Permit No. 60072
Basin No. 054

PRINT OR TYPE IN BLACK INK 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. 74845
WELL NAME *(If applicable)*: 12"-RW

1. OWNER/CLIENT NAME NEVADA RAE GOLD, INC
MAILING ADDRESS 8023 ENTERPRISE STREET, BURN BAY, BC CANADA V5A1V5

DETAILED ADDRESS AT WELL LOCATION LOT 1 SEC 24
*Subdivision Name:* BLM *County:* Lander

2. PLS LOCATION NE ¼ NE ¼ 24 Sec 29 N/S 47 E
PERMIT/WAIVER NO. 60072 *Issued by Water Resources* 007-250-25 *Current Parcel No.*

Latitude ____ UTM E 532876 [X] NAD 27
Longitude ____ UTM N 4469291 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[ ] New Well [ ] Deepen: Orig WL#
[X] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Monitor
[X] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [ ] RVC
[ ] Air [X] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To |
|---|---|---|---|---|
| FINE SAND & GRAVEL | | | 0 | 160' |
| COUSER GRAVELS | | X | 160' | 420' |
| FINNER SANDS & GRAVELS | | XX | 420' | 510' |

NAD 27
40.375449
116.612735

Date started: 21-Jun, 20 16
Date completed: 19-Jul, 20 16

7. *WATER QUALITIES*
*Static water level:* 190 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 54 ° Fahrenheit
Water Quality: GOOD

8. WELL TEST DATA
*Test Method:* [ ] Bailer [ ] Pump [X] Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| 500' | 4,800 | 400'-3,200 | 300'-1,200 |
| 480' | 4,400 | 380'-2,800 | 280'-700 |
| 460' | 4,000 | 360'-2,400 | 260'-250 |
| 440' | 4,000 | 340'-2000 | 240'-0 |
| 420' | 3,600 | 320'-1,600 | HOURS 30 |

9. *INSTRUCTION*
Depth Drilled: 510' Feet Depth Cased: 504.5' Feet

*HOLE DIAMETER (BIT SIZE)*

| | | From | | To | |
|---|---|---|---|---|---|
| 21 | Inches | 0 | Feet | 510' | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

*CASING SCHEDULE*

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 12 3/4 | 33.41 | .25 | +2' | 504'.5 |

*ANNULAR MATERIALS*
Sanitary Seal [X] Yes [ ] No

| | | | | | |
|---|---|---|---|---|---|
| [X] Neat Cement | 0 | to 100' | [X] Pumped | [ ] Poured |
| [ ] Cement Grout | | to | [ ] Pumped | [ ] Poured |
| [ ] Concrete Grout | | to | [ ] Pumped | [ ] Poured |
| [X] Bentonite Chips | 100' | to 102' | [ ] Pumped | [X] Poured |
| [X] Gravel Pack [ > 0.2 in. ] | 102' | to 510' | [ ] Pumped | [X] Poured |
| [ ] Sand Pack [ < 0.2 in. ] | | to | [ ] Pumped | [ ] Poured |
| [ ] Other, explain: | | to | [ ] Pumped | [ ] Poured |

*PERFORATIONS:*
Type of perforation: PLASMA CUT- 60' OF DOUBLE ROW
Size of perforation: 3/16" X 6" 80' SINGLE ROW

| From | Feet | To | Feet |
|---|---|---|---|
| 360' | | 500' | |
| | | | |
| | | | |
| | | | |
| | | | |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. *Contractor*
Address P.O. BOX 850, ELKO, NV 89803 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 020582
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2329
Signed: *By driller performing actual drilling on site or contractor*
Date: 7/22/2016

(Rev 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

Replacing unknown well log