

**STATE OF OREGON**  
**GEOTECHNICAL HOLE REPORT**  
 (as required by OAR 690-240-035)

(1) OWNER/PROJECT: Hole Number L60883  
 Name Murel Long  
 Address P.O. Box M  
 City Merrill State OR Zip 97633

(2) TYPE OF WORK  
 New  Deepening  Alteration (repair/recondition)  Abandonment

(3) CONSTRUCTION:  
 Rotary Air  Hand Auger  Hollow Stem Auger  
 Rotary Mud  Cable Tool  Push Probe  Other

(4) TYPE OF HOLE:  
 Uncased Temporary  Cased Permanent  
 Uncased Permanent  Slope Stability  Other

(5) USE OF HOLE: Test hole for water District to determine availability of water for irrigation

(6) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Hole \_\_\_\_\_ ft.

| HOLE     |      |     | SEAL           |      |    | Sacks or pounds |
|----------|------|-----|----------------|------|----|-----------------|
| Diameter | From | To  | Material       | From | To |                 |
| 10"      | 0    | 19  | 3/8" Bentonite | 0    | 19 | 7 sacks         |
| 6 1/4"   | 19   | 211 | open           |      |    |                 |

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Filter Pack placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of pack \_\_\_\_\_

(7) CASING/SCREEN:

| Diameter    | From | To  | Gauge | SEAL                                |                          |                                     |                          |
|-------------|------|-----|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
|             |      |     |       | Steel                               | Plastic                  | Welded                              | Threaded                 |
| Casing: 6"  | +1'  | 19' | .250  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Screen: --- |      |     |       | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

Slot size \_\_\_\_\_

(8) WELL TEST:  
 Pump  Bailor  Air  Flowing Artesian  
 Permeability \_\_\_\_\_ Yield \_\_\_\_\_ GPM \_\_\_\_\_  
 Conductivity \_\_\_\_\_ PH \_\_\_\_\_  
 Temperature of water 58° <sup>(°F)</sup> 14° <sup>(°C)</sup> Depth artesian flow found \_\_\_\_\_ ft.  
 Was water analysis done?  Yes  No  
 By whom? \_\_\_\_\_  
 Depth of strata analyzed. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Remarks: More water in the well than could be tested with the rig's air - (A lot of water)

(9) LOCATION OF HOLE by legal description:  
 County Klamath Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 41 S N or S Range 09 E E or W. WM. \_\_\_\_\_  
 Section 12 SE 1/4 NE 1/4  
 Tax Lot 200 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) Lower Lake Rd. Klamath Falls, OR

Map with location identified must be attached

(10) STATIC WATER LEVEL:  
54' ft. below land surface. Date 10-29-02  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) SUBSURFACE LOG:  
 Ground Elevation 4050

| Material Description                          | From | To  | SWL |
|---|------|-----|-----|
| Top soil                                      | 0    | 6   |     |
| Brown sand & fine gravel                      | 6    | 14  |     |
| Brown & Black Lava rock & Brown Clay          | 14   | 35  |     |
| Black & Brown Lava rock & gray clay           | 35   | 75  |     |
| Fractured Br. & Bl. Lava rock & Br. clay      | 75   | 124 | 54' |
| Fractured brown & black lava / cinders & Clay | 124  | 152 | 54' |
| Gray Rock                                     | 152  | 166 | 54' |
| Gray rock with streaks of brown lava          | 166  | 211 |     |
| rock, cinders, clay                           | 211  | 461 | 54' |

Date Started 10-28-02 Date Completed 10-29-02

(12) ABANDONMENT LOG:

| Material Description                   | From | To | Sacks or Pounds |
|--|------|----|-----------------|
| RECEIVED                               |      |    |                 |
| JAN 14 2003                            |      |    |                 |
| WATER RESOURCES DEPT.<br>SALEM, OREGON |      |    |                 |

Date started \_\_\_\_\_ Date Completed \_\_\_\_\_

Professional Certification  
 (to be signed by a licensed water supply or monitoring well constructor, or register geologist or civil engineer).

I accept responsibility for the construction, alteration, or abandonment work performed on during the construction dates reported above. All work performed during this time is in compliance with Oregon geotechnical hole construction standards. This report is true to the best of my knowledge and belief.

License or Registration Number 777  
 Signed Stephen R Hughes Date 12-03-  
 Affiliation \_\_\_\_\_

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER