#### STATE OF OREGON GEOTECHNICAL HOLE REPORT

(as required by OAR 690-240-0035)

#### 7/17/2014

(1) OWNER/PROJECT Hole Number B-1	
PROJECT NAME/NBR: SAM 070814	(9) LOCATION OF HOLE (legal description)
First Name ZACHARY Last Name POOL Company	County   LINCOLN   Twp 7.00   S   N/S   Range 11.00   W   E/W WM
Address 323 BROADWAY STREET  City SEASIDE State OR Zip 97138	Lat ° " or DMS or DD
	Long or DMS or DD
(2) TYPE OF WORK New Deepening Abandonment  Alteration (repair/recondition)	Street address of hole Nearest address  3896 US 101, LINCOLN CITY, OR
(3) CONSTRUCTION  Rotary Air Hand Auger Hollow stem auger  Rotary Made Calaba Pack Pack	(10) STATIC WATER LEVEL  Date SWL(psi) + SWL(ft)
Rotary Mud Cable Push Probe Other	Existing Well / Predeepening Completed Well Flowing Artesian?
(4) TYPE OF HOLE:	WATER BEARING ZONES  Depth water was first found 17.00
<ul> <li>Uncased Temporary</li> <li>Uncased Permanent</li> <li>Other</li> <li>Other:</li> </ul>	SWL Date From To Est Flow SWL(psi) + SWL(ft)
	(4) SUPPLIED OF
(5) USE OF HOLE	(11) SUBSURFACE LOG Ground Elevation
GEOTECHNICAL	Material         From         To           SAND         0         20
Column	Date Started 7/8/2014 Completed 7/8/2014
Backfill placed from 0 ft. to 20 ft. Material BENTONITE CHIPS Filter pack from ft. to ft. Material Size	(12) ABANDONMENT LOG:  Sacks/  Material From To Amt lbs
(7) CASING/SCREEN	Bentonite Chips 0 20 10 S
Casing Screen Dia + From To Gauge Stl Plstc Wld Thrd	
(8) WELL TESTS	Date Started 7/8/2014 Completed 7/8/2014
Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration(hr)	Professional Certification (to be signed by an Oregon licensed water or monitoring well constructor, Oregon registered geologist or professional engineer).
Temperature °F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, or abandonment work performed during the construction dates reported above. All work performed
Supervising Geologist/Engineer	during this time is in compliance with Oregon geotechnical hole construction standards. This report is true to the best of my knowledge and belief.
Water quality concerns? Yes (describe below) TDS amount From To Description Amount Units	License/Registration Number 10400 Date 7/17/2014
	First Name ALLEN Last Name MEEUWSEN Affiliation SUBSURFACE TECHNOLOGIES
	JUBSUKFACE TECHNOLOGIES

GEOTECHNICAL HOLE REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

## LINC 53433

## 7/17/2014

# Map of Hole



