MULT 72561

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 68017
(START CARD) # 161698

(1) OWNER: Well Number PW-3
Name City of Portland
Address 1120 SW 5th Ave
City Portland State OR Zip 97204

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

(3) DRILL METHOD:
☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☑ Other test

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☑ No Depth of Completed Well 675 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12"	0	65'	cement	0	65'	35 bags
8"	65'	250'	cement	250'	0	35 bags
6"	250'	675'	open			

How was seal placed: Method ☐ A ☑ B ☑ C ☐ D ☐ E
☐ Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8"	0	65'		☑	☐	☑	☐
	6"	+ 2'	250'		☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
none						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☑ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
2,000	flowing		1 hr.

Temperature of water 58 F Depth Artesian Flow Found 310
Was a water analysis done? ☑ Yes By whom Golder Associates
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Multnomah Latitude Longitude
Township 1 S Range 5 E WM.
Section 35 NW 1/4 NE 1/4
Tax Lot 1400 Lot Block Subdivision
Street Address of Well (or nearest address) Below headworks & on N side of Bull Run River - W of Pilot Well 1 & N of PW-1

(10) STATIC WATER LEVEL:
ft. below land surface Date
Artesian pressure 65 lb. per square inch. Date 1-13-04

(11) WATER BEARING ZONES:
Depth at which water was first found 65

From	To	Estimated Flow Rate	SWL
65'	310'	3 gpm	
310'	445'	40 gpm	
445'	504'	110 gpm	
504'	570'	330 gpm	
570'	675'	550 gpm	65psi

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
(CONTINUED ON PAGE 2)			

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Date started 12-18-03 Completed 1-14-04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number 1523
Signed Date 3-31-04

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number
Signed Date

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

MULT 72561

Geo-Tech Explorations, Inc.
19700 SW Teton
Tualatin, OR 97062
Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: PW-3
Start Card #: 161698
Label #: L68017

Material Description	From:	To:
Pit Run Rock	0	2'
Boulder	2'	5'
Gravel & silt	5'	21'
Gray silt	21'	27'
Gravel & silt	27'	31'
Boulder	31'	38'
Gravel with gray silt	38'	48'
Gravels w/ broken basalt	48'	53'
Broken basalt - some vesicular	53'	55'
Basalt - gray / very hard	55'	65'
Black basalt w/ trace of pyrite	65'	310'
Basalt - black / blue / brown / white	310'	340'
Black basalt w/ trace of pyrite	340'	504'
Soft black basalt	504'	505'
Medium black basalt	505'	509'
Soft black basalt with yellow / gold / quartz	509'	512'
Basalt w/ gold quartz and green & white mineral deposits	512'	528'
Soft basalt with brown silt	528'	532'
Soft basalt w/ white & brown deposits	532'	543'
soft basalt w/ yellow/gold quartz deposits	543'	562'
Hard black / gray basalt	562'	568'
Medium black basalt	568'	573'
Soft basalt w/ bright green deposits	573'	576'
Soft black basalt	576'	579'
Soft basalt w/ quartz, pyrite & brown silt	579'	590'
Soft basalt w/ some white quartz & brown deposits	590'	593'
Soft basalt w/ some yellow / gold quartz and light green mineral deposits	593'	596'
Soft black basalt w/ darker green deposits and some white quartz	596'	603'
Soft black basalt w/ deposits of dark green & brown basalt	603'	610'
Soft black basalt w/ some white quartz	610'	615'
Medium black / gray basalt	615'	621'
Medium blackish gray basalt	621'	640'
Medium black basalt	640'	643'
Soft black basalt w/ some white quartz	643'	654'
Soft brown / black basalt w/ some white quartz	654'	675'

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