CLAC 58434

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 58410
(START CARD) # 150221

(1) OWNER: Well Number Pilot 2
Name City of Portland - Water Bureau
Address 1120 SW 5th Ave., Room 600
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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☑ No Depth of Completed Well 759 ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12"	0	130	Cement	0	130	92 sacks
8"	130	375	Cement	0	375	87 sacks
6"	375	759				

How was seal placed: Method ☐ A ☐ B ☑ C ☐ D ☐ E
☑ Other 8" seal was pumped inside out from the bottom up
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	130	.250	☑	☐	☑	☐
Liner:	6"	+1	375	.25	☑	☐	☑	☐

Final location of shoe(s)

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐

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

Yield gal/min	Drawdown	Drill stem at	Time
420		735	1 hr.

Temperature of water 54 F Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
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 Clackamas Latitude Longitude
Township 1 S Range 5 E WM.
Section 35 NW 1/4 NW 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) Bull Run Watershed, Dam #2 Headwords

(10) STATIC WATER LEVEL:
14.4 ft. below land surface. Date 12-11-02
Artesian pressure lb. per square inch. Date

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

From	To	Estimated Flow Rate	SWL
437	457	30 GPM	18.5
495	600	230 GPM	18.5
705	736	190 GPM	14.4

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
See Attached Sheet			

RECEIVED
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WATER RESOURCES DEPT.
SALEM, OREGON

Date started 11-11-02 Completed 12-11-02

(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 1672
Signed Date 12-19-02

(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 1464
Signed Date 12-19-02

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

CLAC 58434

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

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SALEM, OREGON

Well Name: Bull Run Pilot Well # 2
Start Card #: 150221
Label #: L58410

Material Description	From:	To:
Gravels and silt	0	118
Basalt, gray, fractured, weathered	118	120
Basalt, gray, medium	120	208
Basalt, gray, vesicular, medium	208	212
Basalt, gray, small fractures	212	240
Basalt, gray, fractured	240	243
Basalt, gray, vesicular, brown silt	243	247
Siltstone, brown/green with wood	247	251
Basalt vasicular, fractured, gray	251	257
Basalt, fractured, gray, soft	257	314
Basalt, fractured, gray, medium	314	333
Basalt, fractured, gray, hard	333	349
Basalt, fractured, gray, medium hard	349	362
Basalt, fractured, gray, hard	362	437
Basalt, medium, gray, fractured	437	444
Basalt vesicular (siltstone) gray/green	444	457
Basalt, medium, gray, fractured	457	535
Basalt, gray, hard, small fractures	535	641
Basalt, vesiculer, fractures, medium, black	641	646
Basalt, white with black specks	646	647
Basalt, medium, fractures, black	647	659
Basalt with siltstone, green	659	661
Basalt vesicular, black, some siltstone, green	661	673
Basalt, fractured, green	673	705
Basalt, vesicular, black, blues and browns	705	714
Basalt, hard, gractured, gray	714	721
Basalt, vesicular, gray, red to brown	721	725
Basalt medium fractured, gray	725	733
Basalt, vesicular, gray	733	736
Basalt, fractured, gray	736	759.5