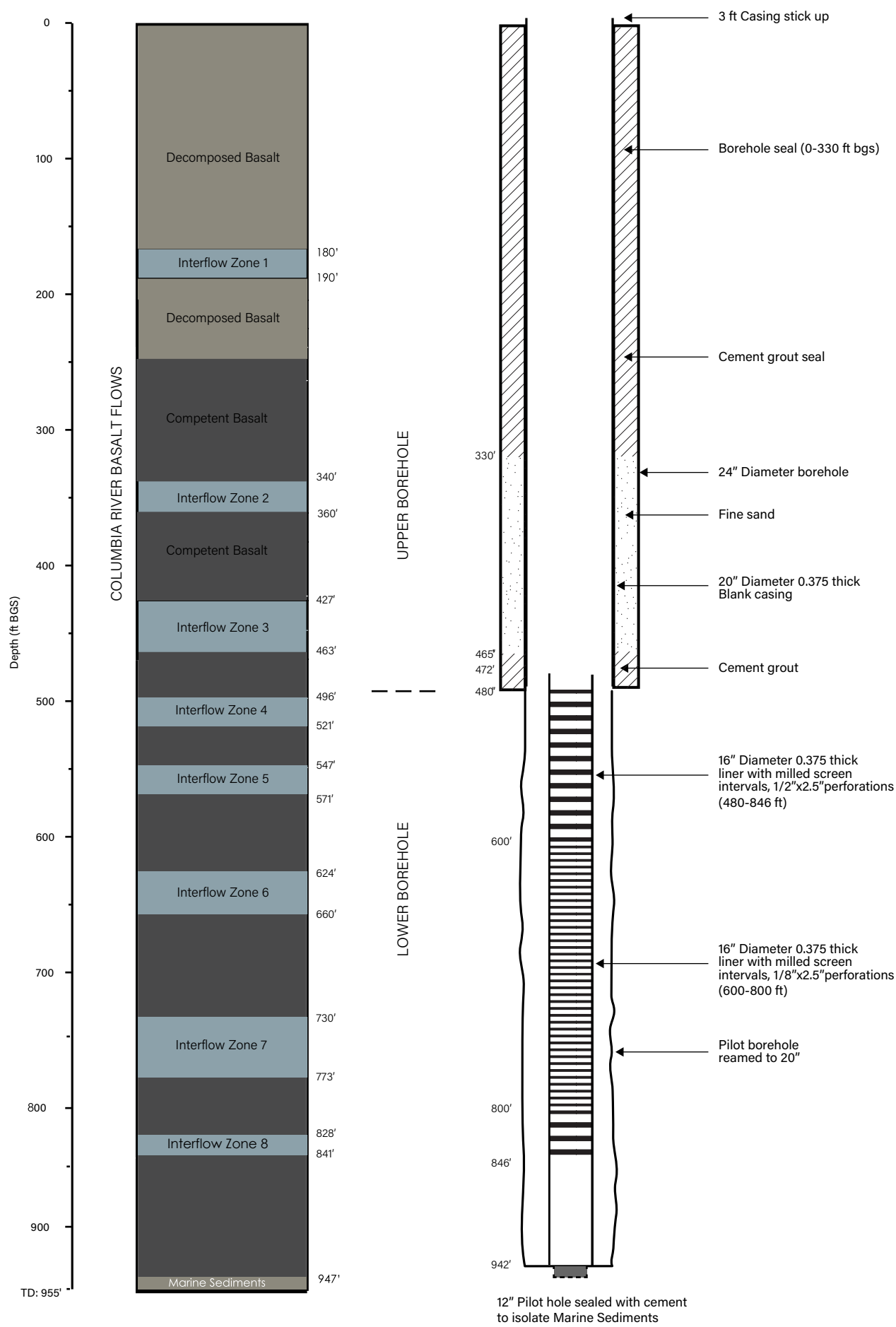


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City of Beaverton ASR-5 Formation Log

From	To	Detailed Description
0	2	Gravel Fill
2	8	Brown silt and gravels
8	35	Reddish brown clay/silt soft
35	49	Light brown clay occasional gravels
49	85	Light brown clay/silt
85	125	Highly weathered soft basalt with clay
125	148	Soft basalt some clay and silt
148	155	Broken basalt chunky
155	220	Basalt sticky silt bound
220	305	Basalt med less silt
305	390	Basalt hard, areas of broken rust colored and vesicular
390	398	Basalt broken and fractured
398	427	Basalt med hard
427	461	Basalt med some broken, staining and vesicular
461	464	Basalt med reddish stained
464	496	Basalt very hard black/white speckled chunks
496	516	Basalt soft broken, decayed vesicular
516	547	Basalt med tight grained
547	553	Basalt dark brown decayed with clay
553	568	Basalt weathered broken vesicular soft
568	571	Basalt med
571	590	Basalt hard blue
590	613	Basalt hard blue
613	615	Basalt fractured light grey
615	624	Basalt hard
624	627	Basalt brown med weathered
627	650	Basalt decayed brown/white/black
650	652	Basalt black med
652	660	Basalt weathered brown/red
660	705	Basalt med hard
705	730	Basalt med hard more chunky and fractured
730	773	Basalt broken and chunky blue staining and red clay like pieces
773	802	Basalt hard
802	824	Basalt medium
824	828	Basalt broken med
828	841	Basalt broken/vesicular with clay
841	911	Basalt med large chunks
911	935	Basalt med large chunks 1" to 2" pieces
935	947	Basalt hard
947	955	Basalt hard multicolored clay



Interflow zones based on visual description of cuttings. Geochemistry has yet to be performed to confirm depths..



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Special Standards Request Form

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: 10.07.16 Oral approval date (if applicable): 10.05.16

Bonded Well Constructor (name, license #, and mailing address): Richard Miller 1953
10621 Todd Rd E, Edgewood WA 98372

(1) Location of Well: SE 1/4 SW 1/4 Tax lot 200 Section 21,
Township 1 S, Range 1 W, Washington County
Address at well site: 13520 SW Hanson Rd

(2) Start Card Number(s)(for work to be done): 1031489

(3) Name and Address of Land Owner: City of Beaverton
PO Box 4755, Beaverton OR 97076

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)

(5) The unusual site conditions which necessitate this request: Rig will be off the hole from 10.03.16
thru 10.11.16.

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)
Well will be temporarily sealed with temp casing.

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- (7) Diagram showing the pertinent features of the proposed well design and construction: (attach additional pages if needed)

PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: *Laurel Meyer* **RECEIVED**

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