

Table 7-1 Summary of Radiocarbon Dating Test Results
EAST CONTRACT
Brightwater Conveyance System

Boring No.	Sample Top Depth (ft)	Elevation (ft) ^a	Lab Sample Number ^b	Finite 2 Sigma Calibrated Result in Calendar Years Before Present ^c	Infinite ^d Measured Radiocarbon Age Years Before Present	Interpreted Geologic Unit ^e	Sample Description	Remarks
BRIGHTWATER TUNNEL 1								
E-333	66.0	68.2	185,704			Olympia Beds	Peat	
E-337	122.0	244.5	183,735		>44,610	Pre-Fraser Nonglacial	Peat and Wood fragments	
E-349	54.7	177.6	180,773		>44,930	Pre-Fraser Nonglacial	Peat	
NORTH CREEK PORTAL SITE								
P41-04	66.0	63.6	197,280		>46,910	Holocene Alluvium	Wood fragment	Reworked older wood in recent sediments

Notes:

- a) Vertical datum = Metro. All locations surveyed to +/- 0.1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.
- b) All analyses performed by Beta Analytic, Inc.
- c) Before present defined as before calendar year 1950. 2-sigma calibrated results represents 2 standard deviations (95% probability).
- d) Infinite results indicate that the sample was older than the reported radiocarbon date.
- e) Formation name assigned if dates are finite.

Table 7-1 Summary of Radiocarbon Dating Test Results

CENTRAL CONTRACT

Brightwater Conveyance System

Boring No.	Sample Top Depth (ft)	Elevation (ft) ^a	Lab Sample Number ^b	Finite 2 Sigma Calibrated Result in Calendar Years Before Present ^c	Infinite ^d Measured Radiocarbon Age Years Before Present	Interpreted Geologic Unit ^e	Sample Description	Remarks
BRIGHTWATER TUNNEL 2								
E-322	45.8	300.3	183,734	24,170 to 22,850		Olympia Beds	Peat	
E-328	193.0	191.1	186,674		>49,570	Pre-Fraser Nonglacial	Wood fragments in sandy silt	
E-331	105.0	30.0	185,703		>48,880	Pre-Fraser Nonglacial	Peat	
BRIGHTWATER TUNNEL 3								
E-119	67.0	99.8	180,772	35,350 to 36,570		Olympia Age Soil on Older Till	Till with organic fragments (paleosol)	
E-214	91.0	327.0	183,733		>45,120	Pre-Fraser Nonglacial	Peat	
E-216	11.0	383.7	179,772	19,990 to 18,920		Olympia Beds	Silt with organic fragments	
E-217	76.0	342.8	179,771	19,880 to 18,990		Olympia Beds	Soil with organic fragments	
E-305	157.0	286.4	182,614		>42,490	Pre-Fraser Nonglacial	Soil with peat and organic fragments	

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- c) Before present defined as before calendar year 1950. 2-sigma calibrated results represents 2 standard deviations (95% probability).
- d) Infinite results indicate that the sample was older than the reported radiocarbon date.
- e) Formation name assigned if dates are finite.

Table 7-1 Summary of Radiocarbon Dating Test Results

WEST CONTRACT

Brightwater Conveyance System

Boring No.	Sample Top Depth (ft)	Elevation (ft) ^a	Lab Sample Number ^b	Finite 2 Sigma Calibrated Result in Calendar Years Before Present ^c	Infinite ^d Measured Radiocarbon Age Years Before Present	Interpreted Geologic Unit ^e	Sample Description	Remarks
BRIGHTWATER TUNNEL 4								
E-102	170.0	121.2	183,593	23,250 to 22,330		Olympia Beds	Soil with organic fragments	
E-104	319.0	82.3	187,118			Olympia Beds	Wood fragments	
E-105	356.0	193.0	180,087			Olympia Beds	Silt with fine organic fragments	
E-110	107.5	337.2	179,770		>47,970	Pre-Fraser Nonglacial	Silt with fine organic fragments	
E-208	218.0	233.0	182,385	19,290 to 18,430		Olympia Beds	Soil with organic fragments	
E-209	143.0	287.1	183,594		>43,420	Pre-Fraser Glacial	Peat	Detrital organics in glacial sediment
E-407	422.5	115.7	186,847			Olympia Beds	Organic sediment	
E-408	434.5	142.2	183,592			Olympia Beds	Soil with organic fragments	
E-413	80.0	333.1	182,919	19,220 to 18,165		Olympia Beds	Soil with organic fragments	
MW-4	226.0	257.3	180,088			Olympia Beds	Fibrous organic fragments in silt	
MW-6	79.0	331.3	180,089			Olympia Beds	Fibrous organic fragments in silt	

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- c) Before present defined as before calendar year 1950. 2-sigma calibrated results represents 2 standard deviations (95% probability).
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