

**Table 7-10 Summary of Macro-Paleontologic Analyses**  
**EAST CONTRACT**  
 Brightwater Conveyance System

Boring No.	Sample Top Depth (ft bgs)	Elevation (ft) <sup>a</sup>	Species Identification <sup>b</sup>	Habitat / Geologic Environment	Geologic Unit Interpretation
<b>BRIGHTWATER TUNNEL 1</b>					
E-357	102.0	140.1	Fragments: probably Mussel		Qpogm
E-357	142.5	99.6	Pine Cone: Lodgepole pine	Coniferous forest	Qpfnf

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) Shells identified by Elizabeth Nesbitt, University of Washington, pine cone identified by Kathy Troost, University of Washington.
- c) For all Geologic Unit descriptions, see Figure 3-1.

**Table 7-10 Summary of Macro-Paleontologic Analyses**  
**CENTRAL CONTRACT**  
Brightwater Conveyance System

Boring No.	Sample Top Depth (ft bgs)	Elevation (ft) <sup>a</sup>	Species Identification <sup>b</sup>	Habitat / Geologic Environment	Geologic Unit Interpretation
<b>BRIGHTWATER TUNNEL 3</b>					
E-111	328.0	65.0	Mussel: <i>Mytilus edulis</i> , and <i>Saxidomus nutalli</i>	Marginal marine, estuary, or bay	Qpfnm/Qpogm
E-111	329.5	63.5	Barnacles: <i>Balanus concaveus</i>	Shallow Marine & Estuary	Qpfnm/Qpogm
E-112	284.0	27.8	<i>Saxidomus nutalli</i> & <i>Balanus</i> sp.	Shallow Marine & Estuary	Qpfnm/Qpogm
E-116	242.0	85.4	Bivalves: <i>Saxidomus</i> , <i>Macoma calcarea?</i> or <i>Macoma nusuta</i> . Mussel: <i>Mytilus</i> . Snails: <i>Thalis lamellosa</i> , <i>Littorina</i> sp.	Shallow Marine & Estuary	Qpfnm/Qpogm
E-212	310.0	49.8	Mussel: <i>Mytilus edulis</i>	Subtidal to low intertidal shoreline, possibly low estuary	Qpfnm/Qpogm
E-216	155.5	239.2	Unidentifiable shell fragments		
E-416	278.5	157.1	Bivalve: <i>Saxidomis giganteus</i> (juvenile)	Sandy mud in bay or estuary	Qpfnm/Qpogm

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- b) Shells identified by Elizabeth Nesbitt, University of Washington, pine cone identified by Kathy Troost, University of Washington.
- c) For all Geologic Unit descriptions, see Figure 3-1.

**Table 7-10 Summary of Macro-Paleontologic Analyses**  
**WEST CONTRACT**  
 Brightwater Conveyance System

Boring No.	Sample Top Depth (ft bgs)	Elevation (ft) <sup>a</sup>	Species Identification <sup>b</sup>	Habitat / Geologic Environment	Geologic Unit Interpretation
<b>BRIGHTWATER TUNNEL 4</b>					
E-108	308.0	145.1	Bivalve: <i>Macoma calcaria</i>	Marine mud, not deep water	Qpfnm/Qpogm
E-110	322.0	122.7	Barnacle & mussel	Shallow Marine & Estuary	Qpfnm/Qpogm
E-110	435.0	9.7	Mussel: <i>Mytilus edulis</i> . Barnacle plate: probably <i>Balanus</i>	Shallow Marine & Estuary	Qpfnm/Qpogm
E-210	316.5	93.0	Barnacle plates and shell fragments	Shallow Marine & Estuary	Qpfnm/Qpogm

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- b) Shells identified by Elizabeth Nesbitt, University of Washington, pine cone identified by Kathy Troost, University of Washington.
- c) For all Geologic Unit descriptions, see Figure 3-1.