

Table 6-1 Summary of Borings and CPT Locations

EAST CONTRACT

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
BRIGHTWATER TUNNEL 1									
CPT-04	8/20/2003	59.4	125.8	283,425	1,309,135	Northwest Cone	CPT		
CPT-05	8/19/2003	47.2	127.1	283,427	1,309,011	Northwest Cone	CPT		
CPT-05A	8/20/2003	73.8	127.1	283,427	1,309,011	Northwest Cone	CPT		
CPT-07	8/14/2003	72.3	126.9	283,442	1,308,583	Northwest Cone	CPT		
CPT-08	8/22/2003	84.2	127.5	283,446	1,308,453	Northwest Cone	CPT		
E-332	9/24/2003	115.0	127.5	283,436	1,308,751	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-333	9/25/2003	106.0	134.2	283,405	1,309,542	Gregory Drilling, Inc.	Wireline Core		X
E-334	6/24/2003	190.0	189.5	283,307	1,310,033	Cascade Drilling, Inc.	Wireline Core	X	
E-335	8/28/2003	299.2	302.7	283,370	1,310,633	Crux Subsurface, Inc.	Wireline Core	X	X
E-336	9/24/2003	340.0	368.4	283,251	1,311,221	Gregory Drilling, Inc.	Wireline Core	X	
E-337	7/3/2003	340.0	366.5	283,297	1,311,736	Cascade Drilling, Inc.	Wireline Core	X	
E-338	6/26/2003	300.0	326.8	283,327	1,312,277	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		X
E-339	5/15/2003	270.0	291.5	283,237	1,312,807	Crux Subsurface, Inc.	Wireline Core		X
E-340	5/22/2003	240.0	258.3	283,259	1,313,435	Cascade Drilling, Inc.	Wireline Core		
E-341	5/28/2003	220.0	246.2	283,255	1,313,670	Cascade Drilling, Inc.	Wireline Core	X	
E-342	7/14/2003	205.0	227.5	283,263	1,314,200	Cascade Drilling, Inc.	Rotosonic	X	
E-343	5/11/2003	180.0	201.9	283,275	1,314,752	Cascade Drilling, Inc.	Rotosonic	X	
E-345	9/22/2003	147.0	199.8	283,894	1,315,350	Crux Subsurface, Inc.	Wireline Core		X
E-346	9/16/2003	180.0	209.5	284,338	1,315,278	Gregory Drilling, Inc.	Wireline Core		X
E-347	9/13/2003	187.0	210.9	284,791	1,315,359	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-348	9/12/2003	196.0	227.5	285,886	1,315,560	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core		
E-349	5/8/2003	200.0	232.3	285,451	1,315,645	Cascade Drilling, Inc.	Rotosonic	X	
E-350	10/1/2003	205.3	223.4	286,403	1,315,670	Crux Subsurface, Inc.	Wireline Core		X
E-351	10/3/2003	195.5	221.9	286,814	1,315,906	Crux Subsurface, Inc.	Wireline Core		X
E-352	9/17/2003	210.0	231.1	287,134	1,316,334	Cascade Drilling, Inc.	Rotosonic		X
E-353	9/15/2003	210.0	231.0	287,425	1,316,732	Cascade Drilling, Inc.	Rotosonic		X
E-354	9/13/2003	205.0	231.6	287,692	1,317,089	Cascade Drilling, Inc.	Rotosonic		X
E-355	9/11/2003	210.0	234.6	288,071	1,317,589	Cascade Drilling, Inc.	Rotosonic		X

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								OW	VWP
E-356	7/23/2003	207.0	229.0	288,787	1,317,618	Cascade Drilling, Inc.	Rotosonic		X
E-357	7/18/2003	265.0	242.1	289,150	1,318,325	Cascade Drilling, Inc.	Rotosonic		
E-366	9/4/2003	192.3	219.2	283,366	1,310,257	Crux Subsurface, Inc.	Wireline Core		X
E-517	11/9/2004	100.0	127.0	283,425	1,309,015	Geotech/Boart Longyear	Rotosonic	X	
E-518	1/25/2005	81.5	257.2	288,792	1,318,204	Geotech/Holt	Wireline Core		
E-519	1/19/2005	79.3	248.7	288,915	1,318,372	Geotech/Holt	Wireline Core	X	
E-524	2/10/2005	80.5	130.2	283,412	1,309,408	Geotech/Boart Longyear	Mud Rotary		X
NORTH CREEK PORTAL SITE									
GNC-1 ^c	8/13/2004	10.0	129.5	283,364	1,308,143	Geotech	Geoprobe		
GNC-2 ^c	8/13/2004	10.0	129.5	283,225	1,308,139	Geotech	Geoprobe		
GNC-3 ^c	8/13/2004	10.0	129.5	283,145	1,308,137	Geotech	Geoprobe		
GNC-4 ^c	8/13/2004	10.0	129.5	283,126	1,308,502	Geotech	Geoprobe		
GNC-5 ^c	8/13/2004	10.0	129.5	283,367	1,308,457	Geotech	Geoprobe		
GNC-6 ^c	8/13/2004	10.0	129.5	283,377	1,308,330	Geotech	Geoprobe		
P41-02	9/1/2004	121.5	129.4	283,368	1,308,330	Gregory Drilling, Inc.	Mud-Rotary		
P41-02A	10/14/2004	160.0	129.1	283,358	1,308,339	Geotech/Boart Longyear	Rotosonic		X
P41-03	9/1/2004	175.0	129.9	283,271	1,308,382	Geotech/Boart Longyear	Rotosonic		
P41-04	9/8/2004	175.0	129.6	283,354	1,308,173	Geotech/Boart Longyear	Rotosonic	X	X
P41-CPT01	10/27/2004	110.4	129.9	283,271	1,308,382	Northwest Cone	CPT		
P41-CPT02	10/27/2004	64.6	129.5	283,338	1,308,236	Northwest Cone	CPT		
P41-CPT02A	10/27/2004	109.9	129.5	283,337	1,308,251	Northwest Cone	CPT		
P41-CPT03	10/28/2004	60.2	129.5	283,309	1,308,207	Northwest Cone	CPT		
P41-CPT03A	10/28/2004	127.0	129.5	283,296	1,308,200	Northwest Cone	CPT		
W41-01	11/17/2004	163.0	129.9	283,275	1,308,383	Geotech/Holt	Hollow-Stem Auger	X	
NORTH CREEK CONNECTOR									
M-621	8/24/2004	111.5	130.2	283,099	1,308,171	Gregory Drilling, Inc.	Mud-Rotary	X	
M-622	12/30/2004	81.5	129.2	282,808	1,308,117	Geotech	Mud-Rotary	X	
M-623	1/3/2005	81.5	127.7	282,329	1,308,096	Geotech	Mud-Rotary	X	
M-624	1/7/2005	81.5	128.4	282,028	1,308,212	Geotech	Mud-Rotary	X	

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Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
M-625	1/11/2005	81.5	128.7	281,721	1,308,246	Geotech	Mud-Rotary	X	
TREATMENT PLANT PORTAL SITE									
P46-01	11/10/2004	80.0	250.4	289,222	1,318,500	Geotech/Boart Longyear	Rotosonic	X	X
P46-02	11/30/2004	80.0	258.1	289,504	1,318,637	Geotech/Boart Longyear	Rotosonic	X	X
P46-03	1/27/2005	79.0	258.6	289,383	1,318,643	Geotech/Holt	Mud-Rotary/Wireline Core	X	X
EAST CONTRACT OFF-ALIGNMENT									
E-126	3/26/2003	86.5	129.8	282,361	1,309,294	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-129	3/5/2003	335.0	355.8	286,569	1,313,225	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-130	2/25/2003	301.5	321.5	288,180	1,315,151	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-131	3/3/2003	45.0	249.3	289,186	1,316,350	Gregory Drilling, Inc.	Mud-Rotary		

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) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet. All locations surveyed to +/- 1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.
- c) GNC borings were part of the Phase II ESA exploration program and the boring logs can be found in the North Creek ESA report.

Table 6-1 Summary of Borings and CPT Locations

CENTRAL CONTRACT

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
BRIGHTWATER TUNNEL 2									
CPT-10	8/18/2003	102.0	129.0	283,456	1,308,156	Northwest Cone	CPT		
CPT-11	8/18/2003	105.3	130.2	283,461	1,307,990	Northwest Cone	CPT		
CPT-12	8/12/2003	113.0	130.9	283,464	1,307,890	Northwest Cone	CPT		
CPT-13	8/12/2003	114.2	131.2	283,466	1,307,843	Northwest Cone	CPT		
CPT-14	8/11/2003	121.1	131.4	283,467	1,307,794	Northwest Cone	CPT		
CPT-15	8/11/2003	114.0	131.5	283,469	1,307,744	Northwest Cone	CPT		
CPT-16	7/25/2003	98.6	131.9	283,469	1,307,696	Northwest Cone	CPT		
CPT-17	7/23/2003	98.6	132.6	283,472	1,307,655	Northwest Cone	CPT		
CPT-18A	8/14/2003	73.0	133.8	283,474	1,307,576	Northwest Cone	CPT		
CPT-19	7/21/2003	52.3	134.3	283,473	1,307,528	Northwest Cone	CPT		
CPT-20	8/13/2003	120.9	135.3	283,468	1,307,483	Northwest Cone	CPT		
CPT-21	7/24/2003	15.9	137.0	283,461	1,307,436	Northwest Cone	CPT		
CPT-21A	7/24/2003	119.8	136.6	283,462	1,307,444	Northwest Cone	CPT		
CPT-22	8/22/2003	76.4	128.9	283,546	1,307,395	Northwest Cone	CPT		
CPT-23	8/19/2003	100.5	128.8	283,545	1,307,330	Northwest Cone	CPT		
CPT-24	8/19/2003	80.5	129.4	283,545	1,307,282	Northwest Cone	CPT		
CPT-25	8/19/2003	93.5	129.1	283,555	1,307,228	Northwest Cone	CPT		
CPT-26	8/13/2003	64.5	134.8	283,364	1,307,411	Northwest Cone	CPT		
E-121	4/2/2003	329.0	364.9	283,908	1,299,288	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-122	4/2/2003	167.5	211.6	283,857	1,300,846	Cascade Drilling, Inc.	Rotosonic		X
E-123	3/26/2003	286.5	318.0	283,569	1,303,272	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-124	3/28/2003	345.0	385.9	283,440	1,304,623	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		
E-125	4/3/2003	116.0	160.2	283,616	1,306,584	Cascade Drilling, Inc.	Rotosonic		X
E-219	5/19/2003	320.0	361.1	283,901	1,298,116	Cascade Drilling, Inc.	Wireline Core	X	
E-220	5/6/2003	290.0	330.0	283,884	1,299,995	Cascade Drilling, Inc.	Rotosonic	X	
E-221	6/16/2003	160.0	197.2	283,588	1,301,382	Cascade Drilling, Inc.	Rotosonic		
E-222	7/15/2003	340.0	378.7	283,556	1,303,863	Crux Subsurface, Inc.	Wireline Core		X
E-223	6/6/2003	320.0	358.7	283,692	1,305,428	Gregory Drilling, Inc.	Wireline Core		X

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								OW	VWP
E-224	5/12/2003	100.0	128.3	283,699	1,308,028	Gregory Drilling, Inc.	Mud-Rotary	X	
E-321	9/11/2003	226.0	265.0	283,906	1,297,091	Cascade Drilling, Inc.	Wireline Core	X	
E-322	6/3/2003	299.3	346.1	283,842	1,297,537	Crux Subsurface, Inc.	Wireline Core		X
E-323	5/14/2003	330.0	366.8	283,800	1,298,601	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		
E-324	9/5/2003	310.0	344.6	283,774	1,299,734	Cascade Drilling, Inc.	Wireline Core	X	
E-326	9/23/2003	190.0	267.1	283,659	1,302,227	Cascade Drilling, Inc.	Wireline Core	X	
E-327	6/12/2003	240.0	278.8	283,547	1,302,662	Cascade Drilling, Inc.	Wireline Core		X
E-328	6/19/2003	365.0	384.1	283,453	1,304,167	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-329	8/6/2003	345.0	365.5	283,431	1,305,069	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-330	9/16/2003	236.6	275.0	283,522	1,305,920	Crux Subsurface, Inc.	Wireline Core	X	
E-331	9/18/2003	120.0	135.0	283,371	1,307,416	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core	X	X
E-514	11/21/2004	130.0	193.7	283,626	1,301,908	Cascade/Boart Longyear	Rotosonic		X
BRIGHTWATER TUNNEL 3									
E-111	3/10/2003	385.0	393.0	285,952	1,277,628	Cascade Drilling, Inc.	Rotosonic	X	X
E-112	2/28/2003	297.5	311.8	284,591	1,279,061	Cascade Drilling, Inc.	Rotosonic	X	X
E-113	3/17/2003	277.0	294.8	284,389	1,281,055	Cascade Drilling, Inc.	Rotosonic		X
E-114	2/24/2003	374.0	392.5	284,359	1,282,582	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-115	2/25/2003	447.0	622.1	284,401	1,285,251	Cascade Drilling, Inc.	Rotosonic		X
E-115A	10/22/2003	520.0	620.3	284,373	1,285,242	Gregory Drilling, Inc.	Wireline Core	X	X
E-116	2/18/2003	305.0	327.4	284,381	1,287,935	Cascade Drilling, Inc.	Rotosonic	X	X
E-117	2/24/2003	341.0	367.4	283,942	1,291,191	Cascade Drilling, Inc.	Rotosonic	X	X
E-118	2/8/2003	177.5	206.6	284,079	1,292,287	Cascade Drilling, Inc.	Rotosonic	X	X
E-119	2/10/2003	137.5	166.8	283,880	1,294,822	Cascade Drilling, Inc.	Rotosonic		X
E-120	2/3/2003	133.5	162.3	283,842	1,296,049	Cascade Drilling, Inc.	Hollow-Stem Auger	X	X
E-212	4/28/2003	315.0	359.8	285,118	1,278,070	Cascade Drilling, Inc.	Rotosonic		X
E-213	4/30/2003	278.0	322.6	284,334	1,280,144	Cascade Drilling, Inc.	Rotosonic		X
E-214	7/21/2003	321.0	418.0	284,225	1,283,323	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-215	4/11/2003	361.0	403.4	284,025	1,286,596	Cascade Drilling, Inc.	Rotosonic		X
E-216	4/11/2003	338.0	394.7	283,945	1,289,605	Cascade Drilling, Inc.	Rotosonic	X	X

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								OW	VWP
E-217	4/24/2003	310.0	418.8	283,914	1,290,351	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-218	4/16/2003	110.0	159.6	283,840	1,294,049	Cascade Drilling, Inc.	Rotosonic	X	
E-301	6/18/2003	170.0	304.5	284,370	1,279,346	Cascade Drilling, Inc.	Rotosonic		X
E-302	6/6/2003	190.0	321.6	284,422	1,280,420	Cascade Drilling, Inc.	Rotosonic		X
E-303	5/30/2003	160.0	285.6	284,316	1,281,382	Cascade Drilling, Inc.	Rotosonic		X
E-304	5/14/2003	295.0	339.0	284,225	1,282,102	Cascade Drilling, Inc.	Rotosonic		X
E-305	7/10/2003	320.0	443.4	284,259	1,283,000	Cascade Drilling, Inc.	Wireline Core	X	X
E-306	8/16/2003	380.0	497.6	284,221	1,283,846	Crux Subsurface, Inc.	Wireline Core	X	X
E-307	7/1/2003	501.0	607.0	284,140	1,284,362	Gregory Drilling, Inc.	Wireline Core	X	X
E-308	6/5/2003	500.0	613.2	284,188	1,284,762	Cascade Drilling, Inc.	Wireline Core	X	X
E-309	9/25/2003	480.0	589.1	284,052	1,285,466	Cascade Drilling, Inc.	Wireline Core	X	X
E-310	6/19/2003	250.0	353.2	284,186	1,287,244	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		X
E-311	6/11/2003	180.0	279.1	284,098	1,288,559	Crux Subsurface, Inc.	Wireline Core		X
E-312	7/23/2003	255.0	354.4	283,924	1,289,231	Cascade Drilling, Inc.	Wireline Core	X	
E-313	7/1/2003	329.6	418.3	283,871	1,290,726	Crux Subsurface, Inc.	Wireline Core	X	
E-314	6/6/2003	210.0	292.5	283,893	1,291,729	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core	X	
E-315	10/15/2003	81.7	155.5	283,946	1,292,840	Crux Subsurface, Inc.	Wireline Core		
E-316	6/17/2003	62.8	150.6	283,915	1,293,709	Crux Subsurface, Inc.	Wireline Core		X
E-317	7/2/2003	80.0	158.8	283,903	1,294,310	Cascade Drilling, Inc.	Rotosonic		X
E-318	6/10/2003	110.0	178.3	283,877	1,295,133	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		X
E-319	6/12/2003	100.0	174.1	283,862	1,295,608	Cascade Drilling, Inc.	Mud-Rotary/Wireline Core		X
E-416	8/18/2003	390.0	435.6	283,952	1,286,181	Gregory Drilling, Inc.	Mud-Rotary		X
E-506	11/10/2004	200.5	374.3	285,539	1,277,998	Gregory Drilling, Inc.	Wireline	X	
E-507	10/26/2004	195.0	344.2	284,876	1,278,590	Geotech	Rotosonic		X
E-510	11/4/2004	300.0	385.2	284,031	1,289,930	Cascade/Boart Longyear	Rotosonic	X	
TW-201	6/28/2004	478.0	617.5	284,308	1,284,391	Gregory Drilling, Inc.	Mud-Rotary	X	X
TW-202	7/23/2004	479.0	604.0	284,087	1,285,053	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core	X	
TW-202A	11/24/2004	482.5	605.4	284,098	1,285,053	Gregory Drilling, Inc.	Mud-Rotary	X	
TW-203	6/23/2004	332.0	509.4	283,144	1,285,008	Gregory Drilling, Inc.	Mud-Rotary	X	

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Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
NORTH KENMORE PORTAL SITE									
P44-01	8/9/2004	147.0	186.2	283,767	1,296,760	Gregory Drilling, Inc.	Wireline	X	X
P44-02	8/12/2004	151.0	179.1	283,737	1,296,613	Gregory Drilling, Inc.	Mud-Rotary	X	X
P44-03	8/9/2004	131.0	156.7	283,799	1,296,400	Gregory Drilling, Inc.	Wireline Core	X	X
P44-03A	8/10/2004	40.9	156.7	283,811	1,296,396	Gregory Drilling, Inc.	Mud-Rotary		
TP44-01N	9/1/2005	15.5	159.1	283,726	1,296,398	N/A	Test Pit		
TP44-01S	9/1/2005	14.0	165.3	283,111	1,296,588	N/A	Test Pit		
TP44-02N	9/1/2005	11.0	155.3	283,798	1,296,318	N/A	Test Pit		
TP44-02S	9/1/2005	15.0	164.2	283,056	1,296,508	N/A	Test Pit		
TP44-03N	9/1/2005	14.0	157.6	283,753	1,296,306	N/A	Test Pit		
TP44-03S	9/1/2005	15.0	162.9	283,011	1,296,435	N/A	Test Pit		
W44-01	9/7/2005	125.0	178.5	283,768	1,296,617	Boart Longyear	Rotosonic	X	
SWAMP CREEK CONNECTOR									
M-11	8/18/2004	29.0	148.4	283,399	1,294,074	Gregory Drilling, Inc.	Mud-Rotary	X	
M-13	8/19/2004	28.0	144.7	283,195	1,294,870	Gregory Drilling, Inc.	Mud-Rotary	X	
M-15	8/17/2004	39.0	141.4	282,988	1,295,511	Gregory Drilling, Inc.	Mud-Rotary		
M-16	8/16/2004	56.5	157.8	282,987	1,295,951	Gregory Drilling, Inc.	Mud-Rotary		X
M-17	8/12/2004	79.0	158.4	282,967	1,296,208	Gregory Drilling, Inc.	Mud-Rotary		X
M-19	8/11/2004	59.0	158.2	283,369	1,296,397	Gregory Drilling, Inc.	Mud-Rotary		
M-21	9/20/2004	41.5	149.1	282,985	1,295,798	GeoTech	Mud Rotary		
M-22	9/20/2005	36.5	142.5	282,984	1,295,639	GeoTech	Mud Rotary		
BALLINGER WAY PORTAL SITE									
HB-1 ^c	8/3/2004	25.5	406.4	286,131	1,277,258	Geotech	Hollow-Stem Auger		
HB-2 ^c	8/3/2004	25.0	407.9	286,104	1,277,211	Geotech	Hollow-Stem Auger		
HB-3 ^c	8/3/2004	30.5	409.7	286,082	1,277,188	Geotech	Hollow-Stem Auger		
HB-4 ^c	8/3/2004	26.0	412.6	286,022	1,277,128	Geotech	Hollow-Stem Auger		
HB-5 ^c	8/2/2004	20.8	414.5	285,967	1,277,073	Geotech	Hollow-Stem Auger		
HB-6 ^c	8/2/2004	17.5	415.5	285,886	1,276,987	Geotech	Hollow-Stem Auger		
HB-7 ^c	1/11/2005	34.0	415.0	286,351	1,277,066	Holt/Boart-Longyear	Hollow-Stem Auger	X	

Table 6-1 Summary of Borings and CPT Locations

CENTRAL CONTRACT

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
HB-8 ^c	1/11/2005	29.0	410.2	286,230	1,277,183	Holt/Boart Longyear	Hollow-Stem Auger	X	
HB-9 ^c	1/12/2005	28.0	405.7	286,085	1,277,304	Holt/Boart-Longyear	Hollow-Stem Auger	X	
P5-01	10/13/2003	250.0	405.0	286,100	1,277,317	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core	X	X
P5-02	11/17/2004	260.0	405.8	286,110	1,277,276	Geotech/Boart Longyear	Rotosonic		X
P5-03	8/26/2004	300.0	408.9	286,063	1,277,210	Geotech/Boart Longyear	Rotosonic		X
P5-04	12/21/2004	227.0	406.0	286,075	1,277,299	Gregory Drilling, Inc.	Wireline Core	X	X
CENTRAL CONTRACT OFF-ALIGNMENT									
E-362	5/14/2003	105.0	154.9	280,293	1,296,058	Gregory Drilling, Inc.	Mud-Rotary	X	
E-363	5/23/2003	110.0	158.5	281,154	1,296,092	Gregory Drilling, Inc.	Mud-Rotary	X	
E-364	5/21/2003	115.0	161.2	282,262	1,296,130	Gregory Drilling, Inc.	Mud-Rotary	X	
E-365	5/20/2003	95.0	153.6	283,435	1,296,152	Gregory Drilling, Inc.	Mud-Rotary		X
E-417	7/3/2003	76.5	124.5	279,583	1,291,789	Gregory Drilling, Inc.	Hollow-Stem Auger		X
E-418	7/2/2003	75.0	135.1	279,272	1,293,011	Gregory Drilling, Inc.	Hollow-Stem Auger		X
E-419	7/1/2003	75.0	131.0	279,000	1,294,040	Gregory Drilling, Inc.	Mud-Rotary		X
E-420	6/30/2003	75.0	130.5	278,942	1,294,824	Gregory Drilling, Inc.	Mud-Rotary		X
E-421	6/27/2003	91.5	128.3	278,801	1,295,525	Gregory Drilling, Inc.	Mud-Rotary		X
E-422	6/26/2003	101.5	151.3	279,523	1,296,021	Gregory Drilling, Inc.	Mud-Rotary		X
M-10	8/25/2004	39.0	118.0	278,801	1,292,287	Gregory Drilling, Inc.	Hollow-Stem Auger		
N-151	3/19/2003	110.0	148.3	278,911	1,284,068	Cascade/Boart Longyear	Rotosonic		
N-152	2/12/2003	123.0	167.0	279,438	1,286,794	Gregory Drilling/Cascade	Mud-Rotary/Wireline Core		X
N-153	2/5/2003	89.5	129.6	279,833	1,291,209	Cascade Drilling, Inc.	Hollow-Stem Auger	X	
N-154	2/7/2003	115.6	149.6	279,114	1,296,010	Cascade Drilling, Inc.	Hollow-Stem Auger		X
N-253	5/8/2003	76.5	134.0	279,386	1,292,522	Gregory Drilling, Inc.	Mud-Rotary	X	
N-254	5/9/2003	76.0	131.1	278,883	1,294,485	Gregory Drilling, Inc.	Mud-Rotary	X	
N-255	5/13/2003	105.0	152.7	279,889	1,296,040	Gregory Drilling, Inc.	Mud-Rotary	X	
N-256	5/15/2003	105.0	153.7	280,687	1,295,958	Gregory Drilling, Inc.	Mud-Rotary		
N-257	5/16/2003	115.0	159.3	281,867	1,296,120	Gregory Drilling, Inc.	Mud-Rotary	X	
N-258	5/19/2003	120.0	162.7	282,675	1,296,142	Gregory Drilling, Inc.	Mud-Rotary		
N-423	9/27/2003	143.0	213.7	283,467	1,292,343	Gregory Drilling, Inc.	Wireline Core		X

Table 6-1 Summary of Borings and CPT Locations
CENTRAL CONTRACT
Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
N-424	9/19/2003	157.5	221.4	283,044	1,292,190	Cascade Drilling, Inc.	Rotosonic		
N-425	8/11/2003	155.0	207.1	282,432	1,292,110	Cascade Drilling, Inc.	Wireline Core	X	
N-426	9/4/2003	100.0	166.0	281,931	1,292,158	Cascade Drilling, Inc.	Wireline Core	X	
N-427	9/9/2003	95.0	145.2	281,400	1,292,050	Cascade Drilling, Inc.	Wireline Core	X	
N-428	8/18/2003	125.0	152.3	281,026	1,292,016	Cascade Drilling, Inc.	Wireline Core	X	
N-429	8/14/2003	100.0	149.4	280,517	1,292,111	Cascade Drilling, Inc.	Wireline Core	X	
N-430	9/20/2003	85.0	130.6	280,004	1,291,966	Cascade Drilling, Inc.	Rotosonic	X	
P41-01	9/24/2003	105.0	172.0	283,127	1,306,435	Gregory Drilling, Inc.	Mud- Rotary/Wireline	X	

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) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet. All locations surveyed to +/- 1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.
- c) HB borings were part of the Phase II ESA exploration program and the boring logs can be found in the Ballinger Way ESA report.

Table 6-1 Summary of Borings and CPT Locations

WEST CONTRACT

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
BRIGHTWATER TUNNEL 4									
E-101	3/20/2003	140.0	131.2	287,747	1,256,907	Cascade Drilling, Inc.	Rotosonic/Mud-Rotary	X	
E-102	3/6/2003	270.0	291.2	287,608	1,258,098	Gregory Drilling, Inc.	Mud-Rotary	X	X
E-103	4/15/2003	380.0	404.3	287,558	1,260,186	Gregory Drilling, Inc.	Wireline Core	X	X
E-104	4/15/2003	361.5	401.3	287,260	1,262,110	Cascade/Boart Longyear	Rotosonic		X
E-105	4/3/2003	535.0	549.0	287,349	1,264,077	Cascade/Boart Longyear	Rotosonic		
E-106	4/22/2003	566.0	581.9	287,281	1,266,085	Cascade Drilling, Inc.	Wireline Core	X	
E-107	3/24/2003	548.0	549.5	287,288	1,268,071	Cascade Drilling, Inc.	Wireline Core		X
E-108	7/7/2003	346.0	453.1	287,249	1,270,073	Gregory Drilling, Inc.	Wireline Core	X	X
E-109	7/30/2003	260.0	395.0	287,168	1,272,288	Cascade Drilling, Inc.	Wireline Core	X	
E-110	4/4/2003	438.0	444.7	286,964	1,274,158	Cascade Drilling, Inc.	Wireline Core	X	X
E-201	4/22/2003	242.0	260.6	287,564	1,257,757	Cascade/Boart Longyear	Rotosonic	X	
E-202	5/2/2003	361.0	399.1	287,773	1,259,534	Gregory Drilling, Inc.	Wireline Core	X	
E-203	4/28/2003	360.0	393.2	287,468	1,261,534	Gregory Drilling, Inc.	Wireline Core	X	X
E-204	5/2/2003	475.0	516.3	287,466	1,263,049	Cascade Drilling, Inc.	Wireline Core		X
E-205	9/26/2003	410.0	506.1	287,424	1,264,553	Cascade Drilling, Inc.	Wireline Core	X	X
E-206	5/6/2003	493.0	566.1	287,136	1,267,334	Cascade Drilling, Inc.	Wireline Core	X	X
E-207	5/28/2003	386.0	508.5	287,226	1,268,538	Cascade Drilling	Wireline Core	X	
E-208	5/9/2003	425.0	451.0	287,241	1,270,574	Cascade Drilling, Inc.	Wireline Core	X	X
E-209	7/10/2003	290.0	430.1	287,035	1,273,778	Cascade Drilling, Inc.	Rotosonic	X	X
E-210	5/15/2003	340.0	409.5	287,061	1,276,107	Cascade Drilling, Inc.	Wireline Core		X
E-211	6/12/2003	280.0	413.4	286,325	1,277,100	Gregory Drilling, Inc.	Wireline Core	X	X
E-401	10/17/2003	121.0	211.8	287,641	1,257,412	Gregory Drilling, Inc.	Wireline Core		X
E-402	10/7/2003	206.5	304.4	287,489	1,258,407	Gregory Drilling, Inc.	Wireline Core		X
E-403	7/30/2003	315.0	378.1	287,364	1,259,144	Gregory Drilling, Inc.	Mud-Rotary	X	
E-404	8/29/2003	340.0	440.7	287,336	1,260,591	Cascade Drilling, Inc.	Wireline Core	X	
E-405	8/21/2003	310.0	393.0	287,584	1,260,823	Gregory Drilling, Inc.	Wireline Core	X	
E-406	7/18/2003	425.0	513.4	287,438	1,262,600	Cascade Drilling, Inc.	Wireline Core	X	
E-407	9/4/2003	457.5	538.2	287,439	1,263,360	Gregory Drilling, Inc.	Mud-Rotary/Wireline Core		X

Table 6-1 Summary of Borings and CPT Locations

WEST CONTRACT

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) ^a	Northing (ft) ^b	Easting (ft) ^b	Drilling Contractor	Drilling Method	GW Monitoring	
								OW	VWP
E-408	8/2/2003	438.3	576.7	287,274	1,266,633	Crux Subsurface, Inc.	Wireline Core		X
E-409	8/7/2003	387.0	496.4	287,415	1,269,144	Gregory Drilling, Inc.	Wireline Core		X
E-412	7/28/2003	260.0	400.7	287,185	1,271,597	Cascade Drilling, Inc.	Wireline Core		X
E-413	9/10/2003	280.0	413.1	287,126	1,273,250	Gregory Drilling, Inc.	Wireline Core		X
E-414	8/5/2003	297.0	439.7	287,015	1,274,876	Cascade Drilling, Inc.	Wireline Core	X	
E-415	9/18/2003	275.0	427.7	287,259	1,274,467	Gregory Drilling, Inc.	Wireline Core		X
E-503	2/4/2005	278.0	439.1	287,365	1,270,852	Geotech/Holt	Mud-Rotary/Wireline Core		
POINT WELLS PORTAL SITE AND MARINE OUTFALL CONNECTOR									
M-629	3/18/2005	14.0	109.3	287,854	1,256,607	Geotech	Hollow-Stem Auger		
M-630	3/25/2005	30.0	109.5	287,922	1,256,528	Geotech/ Boart Longyear	Wireline Core		X
M-631	3/25/2005	30.0	108.6	288,153	1,256,305	Geotech/ Boart Longyear	Wireline Core	X	
P19-01	8/20/2003	80.0	110.5	287,737	1,256,733	Cascade Drilling, Inc.	Wireline Core	X	
P19-02	8/25/2003	107.0	109.0	288,005	1,256,501	Cascade Drilling, Inc.	Wireline Core	X	X
P19-03	8/29/2003	76.0	108.8	288,365	1,256,276	Cascade Drilling, Inc.	Wireline Core	X	X
P19-04	3/24/2005	90.0	111.0	287,759	1,256,659	Geotech/ Boart Longyear	Wireline Core	X	X
P19-05	3/22/2005	90.0	111.1	287,792	1,256,725	Geotech/Boart Longyear	Wireline Core		
P19-06	4/20/2005	90.0	110.5	287,811	1,256,661	Geotech	Rotosonic	X	X
P19-07	3/18/2005	14.0	111.1	287,754	1,256,770	Geotech	Hollow-Stem Auger		
P19-08	4/5/2005	51.5	117.3	287,700	1,256,806	Geotech	Mud-Rotary/Wireline Core		
P19-09	4/25/2005	90.0	110.5	287,750	1,256,713	Geotech	Rotosonic		

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) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet. All locations surveyed to +/- 1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.