



UNIVERSITY OF WASHINGTON DEPARTMENT OF OCEANOGRAPHY

Technical Report No. 158

**BOTTOM SEDIMENT AND ROCK SAMPLES (1954-1965)
STORED AT THE DEPARTMENT OF OCEANOGRAPHY
UNIVERSITY OF WASHINGTON**

by

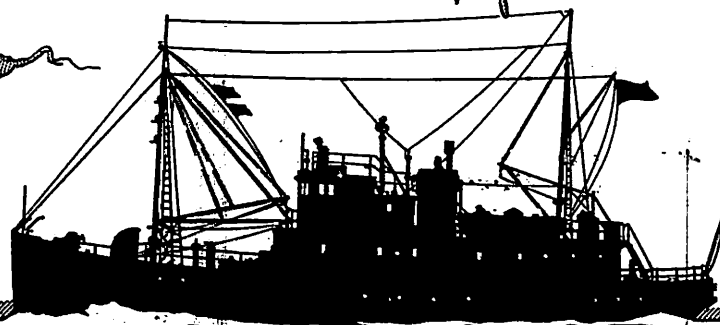
James L. Woodruff and Dean A. McMathus

U.S. Atomic Energy Commission
Contract AT(45-1)1725
(RLO-1725-63)

and

Office of Naval Research
Contract Nonr-477(37)
Project NR 083 012

Reference M66-32
May 1966



SEATTLE, WASHINGTON 98105

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RICHARD H. FLEMING
CHAIRMAN

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GOVERNMENT

INTRODUCTION

THIS REPORT CONTAINS COLLECTION DATA FOR GEOLOGIC SAMPLES OBTAINED BY THE UNIVERSITY OF WASHINGTON DEPARTMENT OF OCEANOGRAPHY DURING THE PERIOD 1954-1965. THE SAMPLES WERE COLLECTED ABOARD UNIVERSITY RESEARCH VESSELS (RV BROWN BEAR, RV ONAR), DRIFTING ICE STATION ALPHA II, CHARTERED VESSELS AND THE FOLLOWING ADDITIONAL SHIPS- USC AND GS NORTHWIND, USS STATEN ISLAND, USS BURTON ISLAND, USC AND GS SURVEYOR, AND USS EDISTO. THESE DATA WERE COMPILED FROM SAMPLE LISTS PREVIOUSLY PREPARED FROM CRUISE RECORDS BY DEPARTMENT PERSONNEL. THE PRESERVATION OF THE SAMPLES RANGES FROM DRY STORAGE TO 6 DEGREES CENTIGRADE MOIST STORAGE. SOME SAMPLES ARE UNEXAMINED WHILE OTHERS HAVE BEEN EXTENSIVELY ANALYZED. NO DATA ON ANALYSES ARE INCLUDED.

THE SAMPLES WERE COLLECTED OVER A WIDE AREA OF THE NORTHEAST PACIFIC AND ARCTIC OCEANS. MOST OF THE SAMPLES WERE TAKEN NEAR THE WASHINGTON COAST AND ON THE LAPTEV-CHUKCHI SEA'S CONTINENTAL SHELF.

CORE LENGTHS AND WATER DEPTHS ARE GIVEN TO THE NEAREST CENTIMETER AND METER RESPECTIVELY. LATITUDE AND LONGITUDE ARE REPORTED TO THE NEAREST MINUTE, ALTHOUGH TENTHS OF MINUTES ARE GIVEN IF AVAILABLE IN THE ORIGINAL CRUISE RECORDS. WATER DEPTHS WERE CONVERTED FROM FATHOMS TO METERS BY COMPUTER PROGRAM. VARIOUS TYPES OF SAMPLING DEVICES WERE EMPLOYED AS INDICATED BY THE ABBREVIATIONS FOLLOWING THE SAMPLE NUMBERS IN THE TABULATION.

INFORMATION WAS DELETED FROM THE REPORT ON SAMPLER TYPE, CORE LENGTH, WATER DEPTH OR POSITION IF THERE WAS ANY DOUBT OF ACCURACY.

ABBREVIATIONS USED IN SAMPLE LISTS

CA CAMERA ATTACHMENT SAMPLING DEVICES
DS DIETZ SAMPLER-SNAPPER
DH DREDGE HAUL, CHAINBAG DREDGE, UNDERWAY SAMPLER, PIPE DREDGE
EC EWING (PISTON) CORER
HC HYDRO-PLASTIC CORER (PISTON) OF VARIOUS DIAMETERS AND LENGTHS
KU KULLENBERG (PISTON) CORER
MS MISCELLANEOUS SAMPLER--PLANKTON SAMPLER HIT BOTTOM,
HEIGHTS, ANCHORS, ANY UNUSUAL RECOVERY
PC PISTON CORER, UNDIFFERENTIATED
PG PETTERSON GRAB SAMPLER
PL ORANGE PEEL GRAB SAMPLER
SA SUBAERIAL SAMPLES, BEACH SANDS, ROCKS, HAND SAMPLING
SD SCUBA DIVER RECOVERED
SG SHORT GRAVITY CORER, PHLEGER CORER
SS SHIPEK SAMPLER, INCLUDES CORE TAKEN IN SHIPEK SAMPLER
TR TRIGGER CORER OR PISTON CORER
VV VAN VEEN SAMPLER

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
(1) BROWN BEAR CRUISE NO. 64 - 1954 -----					
BB--064-001	SG		238	52-02.0N	131-12.5W
BB--064-002	SG		1554	52-02.0N	131-30.5W
BB--064-005	SG	95	2974	52-02.0N	134-30.3W
BB--064-006	SG	92	3420	51-42.1N	135-25.2W
BB--064-009	SG	105	2968	54-12.0N	137-06.0W
BB--064-011	SG	110	3658	54-08.3N	141-14.8W
BB--064-014	SG	32	3694	51-57.7N	143-14.8W
BB--064-017	SG	49	4005	54-32.0N	145-28.0W
BB--064-020	SG	44	4389	53-16.0N	149-28.5W
BB--064-022	SG	14	4389	52-05.0N	151-29.5W
BB--064-024	SG	114	4298	53-18.0N	153-27.0W
BB--064-027	SG	104	3658	55-43.3N	153-14.2W
BB--064-028	SG	58	969	56-13.5N	153-57.8W
BB--064-035	SG	116	658	57-47.9N	149-28.5W
BB--064-041	SG	102	2195	59-18.4N	145-32.5W
BB--064-044	SG	118	3786	57-24.6N	145-11.8W
BB--064-045	SG	26	3822	56-04.5N	145-14.5W
BB--064-046	SG	66	3749	57-24.3N	143-42.9W
BB--064-053	SG	116	3420	58-24.2N	141-11.8W
BB--064-055	SG	35	3639	56-11.0N	141-12.9W
BB--064-057	SG	111	2414	56-09.0N	136-47.2W
(2) BROWN BEAR CRUISE NO. 67 - 1954 -----					
BB--067-001	SG	4	62	47-45.2N	124-44.7W
BB--067-002	SG	4	95	47-45.6N	124-51.5W
BB--067-003	SG	4	141	47-45.8N	125-02.7W
BB--067-004	SG	4	208	47-46.8N	125-05.6W
BB--067-005	SG	4	397	47-46.9N	125-07.5W
BB--067-006	SG	4	455	47-47.3N	125-10.8W
BB--067-007	SG	4	558	47-47.8N	125-15.2W
BB--067-008	SG	4	640	47-48.5N	125-23.8W
BB--067-009	SG	4	768	47-48.8N	125-25.1W
BB--067-010	SG	4	841	47-49.0N	125-25.1W
BB--067-011	SG	4	924	47-49.3N	125-25.0W
BB--067-012	SG	4	1180	47-51.9N	125-46.8W
BB--067-013	SG	4	1280	47-53.2N	125-48.8W
BB--067-014	SG	4	1490	47-53.8N	125-51.4W
BB--067-015	SG	4	1646	47-54.9N	126-05.2W
BB--067-016	SG	43	1847	47-57.3N	126-15.9W
BB--067-018	SG	4	188	48-18.2N	124-03.5W
BB--067-019	SG	4	159	48-15.9N	123-49.5W
BB--067-020	SG	4	126	48-14.1N	123-24.8W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--067-021	SG	4	117	48-15.6N	123-07.9W
BB--067-022	SG	4	46	48-13.4N	122-53.3W

(3) BROWN BEAR CRUISE NO. 108 - 1954

BB--108-001	DS		132	48-27.7N	125-03.2W
BB--108-002	SG	50	130	48-22.1N	124-59.0W
BB--108-003	SG	37	168	48-15.7N	124-55.8W
BB--108-005	SG	11	90	47-59.4N	124-56.6W
BB--108-006	SG	33	104	47-50.9N	124-55.9W
BB--108-007	SG	35	126	47-42.9N	124-58.6W
BB--108-008	SG	35	154	47-35.8N	124-58.0W
BB--108-009	SG	27	150	47-15.0N	124-48.1W
BB--108-010	SG	32	119	47-06.7N	124-43.3W
BB--108-011	SG	25	119	46-57.2N	124-40.8W
BB--108-012	SG	35	134	46-47.3N	124-37.4W
BB--108-013	SG	18	179	46-35.0N	124-33.8W
BB--108-014	SG	6	185	46-26.3N	124-31.1W
BB--108-015	SG	9	130	46-20.1N	124-28.9W
BB--108-016	SG	38	430	46-14.5N	124-26.8W
BB--108-017	SG	31	126	46-05.4N	124-24.6W
BB--108-018	SG	19	143	45-56.8N	124-21.8W
BB--108-019	SG	26	150	45-48.8N	124-20.3W
BB--108-020	SG	31	148	45-43.3N	124-19.3W
BB--108-021	SG	36	157	45-33.8N	124-17.7W
BB--108-023	SG	23	177	45-01.4N	124-17.7W
BB--108-024	SG	19	159	44-52.0N	124-17.7W
BB--108-25A	DH		104	44-43.1N	124-23.6W
BB--108-25B	DH		110	44-34.7N	124-31.2W
BB--108-026	DS		115	44-34.7N	124-31.2W
BB--108-028	DH		108	44-15.6N	124-35.8W
BB--108-028	SG	2	108	44-15.6N	124-35.8W
BB--108-029	SG	34	121	44-06.3N	124-33.8W
BB--108-030	SG	23	132	43-54.2N	124-28.4W
BB--108-032	SG	26	159	43-37.7N	124-30.2W
BB--108-033	SG	17	113	43-24.0N	124-30.8W
BB--108-034	DH		104	43-13.1N	124-36.0W
BB--108-034	SG	2	104	43-13.1N	124-36.1W
BB--108-035	SG	36	150	43-04.5N	124-39.7W
BB--108-036	DS		37	42-54.0N	124-33.8W
BB--108-037	DS		55	42-53.8N	124-36.4W
BB--108-038	DS		73	42-54.0N	124-37.9W
BB--108-039	DS		91	42-53.9N	124-39.4W
BB--108-040	SG	33	110	42-53.2N	124-40.6W
BB--108-041	SG	27	128	42-53.7N	124-43.2W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--108-042	SG	32	146	42-54.0N	124-43.8W
BB--108-043	SG	34	165	42-54.7N	124-45.4W
BB--108-044	SG	30	192	42-55.0N	124-49.6W
BB--108-045	SG	17	382	42-53.8N	124-54.4W
BB--108-046	SG	35	704	42-53.7N	124-57.2W
BB--108-047	SG	43	1097	42-54.0N	125-00.0W
BB--108-048	SG	40	1463	42-54.0N	125-02.6W
BB--108-049	SG	13	1801	42-55.0N	125-09.0W
BB--108-050	SG	44	2734	42-51.7N	127-04.2W
BB--108-051	SG	15	3292	42-49.2N	128-50.8W
BB--108-053	SG	86	5029	33-34.3N	141-05.0W
BB--108-054	SG	98	5212	36-25.2N	144-37.0W
BB--108-056	SG	73	1829	48-35.9N	126-53.2W
BB--108-057	SG	52	1445	48-35.9N	126-47.4W
BB--108-058	SG	72	1116	48-39.1N	126-33.9W
BB--108-059	SG	55	786	48-39.8N	126-25.1W
BB--108-060	SG	36	375	48-40.8N	126-16.2W
BB--108-061	SG	6	188	48-41.2N	126-15.7W
BB--108-062	SG	7	165	48-42.0N	126-13.4W
BB--108-063	SG	19	146	48-42.8N	126-11.7W
BB--108-064	SG	31	128	48-43.7N	126-10.1W
BB--108-065	SG	6	110	48-44.4N	126-08.6W
BB--108-066	SG	30	91	48-46.2N	126-05.2W
BB--108-068	DS		55	48-50.3N	125-56.7W

(4) BROWN BEAR CRUISE NO. 110 - 1955

BB--110-001	SG	110	3131	55-00.8N	139-09.8W
BB--110-002	SG	46	3775	57-12.8N	144-10.7W
BB--110-003	SG	47	3563	58-15.4N	142-58.2W
BB--110-004	SG	10	132	60-28.0N	146-53.7W
BB--110-005	SG	38	71	60-09.6N	147-36.0W
BB--110-006	SG	39	108	60-04.8N	147-40.3W
BB--110-007	PG		155	59-53.7N	147-56.8W
BB--110-008	SG	88	172	59-44.0N	148-16.0W
BB--110-009	SG	40	101	59-33.7N	148-42.8W
BB--110-010	SG	84	210	59-24.3N	149-05.0W
BB--110-011	SG	32	141	59-14.6N	149-30.5W
BB--110-012	SG	35	219	58-50.6N	149-04.8W
BB--110-013	PG		126	58-22.6N	148-43.6W
BB--110-014	SG	4	549	58-13.0N	148-38.0W
BB--110-015	SG	27	1463	58-57.5N	148-28.3W
BB--110-016	SG	88	1829	57-55.0N	148-24.0W
BB--110-017	SG	86	2615	57-48.7N	148-22.5W
BB--110-018	SG	81	3091	57-43.5N	148-19.5W
BB--110-019	SG	45	3978	57-29.3N	148-14.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--110-020	SG	28	4020	56-33.6N	147-38.1W
BB--110-021	SG	92	245	57-27.6N	155-10.2W
BB--110-022	SG	37	245	55-24.2N	155-11.8W
BB--110-023	SG	57	2743	54-59.1N	155-11.5W
BB--110-024	SG	64	2304	55-06.3N	160-21.0W
BB--110-025	SG	15	113	54-58.7N	160-31.6W
BB--110-026	SG	20	38	54-52.0N	160-44.5W
BB--110-027	SG	45	112	54-45.6N	160-58.3W
BB--110-028	SG	2	150	54-27.7N	161-17.5W
BB--110-030	SG	27	366	54-15.5N	161-20.7W
BB--110-031	SG	102	732	54-12.3N	161-21.5W
BB--110-032	SG	84	1099	54-09.3N	161-22.2W
BB--110-033	SG	35	1478	53-59.1N	161-20.5W
BB--110-034	SG	114	1829	53-56.3N	161-21.5W
BB--110-035	SG	90	2780	53-51.4N	161-23.4W
BB--110-036	SG	97	3164	53-49.3N	161-24.1W
BB--110-037	SG	83	3978	53-47.0N	161-25.0W
BB--110-038	PG		166	54-33.3N	133-17.0W
BB--110-039	SG	120	2807	54-09.1N	133-34.0W
BB--110-040	SG	40	2140	54-16.8N	133-25.0W
BB--110-041	SG	2	183	54-20.0N	132-00.0W
BB--110-042	SG	2	183	54-20.0N	132-00.0W
BB--110-043	PG		238	54-20.0N	132-00.0W

(5) BROWN BEAR CRUISE NO. 139 - 1956

BB--139-001	DH		37	46-46.4N	130-48.8W
BB--139-001	SG	2	77	46-46.4N	130-48.6W
BB--139-002	DH		44	46-46.4N	130-48.8W
BB--139-002	SG	2	69	46-46.5N	130-49.0W
BB--139-003	DH		55	46-46.4N	130-48.8W
BB--139-003	SG	2	69	46-46.6N	130-48.9W
BB--139-004	SG	2	115	46-46.7N	130-48.5W
BB--139-005	SG	136	2890	47-00.0N	130-48.7W
BB--139-006	DH		91	46-46.4N	130-48.9W
BB--139-006	SG	61	2844	47-14.0N	130-47.8W
BB--139-008	DH		90	46-46.2N	130-49.4W
BB--139-008	SG	4	93	46-43.8N	130-52.8W
BB--139-009	DH		82	46-46.4N	130-49.0W
BB--139-010	DH		46	46-46.4N	130-48.8W
BB--139-010	SG	75	2405	46-37.8N	131-02.3W
BB--139-011	SG	1	2158	46-45.3N	130-59.8W
BB--139-012	SG	6	2231	46-43.9N	131-00.3W
BB--139-013	DH		73	46-46.6N	130-48.8W
BB--139-013	SG	2	2131	46-43.2N	130-59.2W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--139-014	DH		82	46-46.4N	130-48.8W
BB--139-015	SG	110	2652	47-01.8N	130-35.9W
BB--139-016	DH		201	46-46.0N	130-51.0W
BB--139-017	DH		198	46-46.2N	130-51.0W
BB--139-017	SG	1	2807	46-44.7N	130-19.9W
BB--139-018	DH		201	46-45.6N	130-50.8W
BB--139-019	DH		101	46-46.2N	130-49.0W
BB--139-020	DH		46	46-46.4N	130-48.8W
BB--139-021	DH		35	46-46.4N	130-48.8W
BB--139-022	DH		366	46-48.5N	130-50.5W
BB--139-023	DH		384	46-46.2N	130-44.2W

(6) BROWN BEAR CRUISE NO. 144 - 1956

BB--144-001	PG		101	46-46.2N	130-49.2W
BB--144-001	SG	46	3831	49-56.2N	136-59.2W
BB--144-002	SG	91	4005	48-38.0N	139-58.0W
BB--144-003	SG	34	4261	47-18.5N	139-56.8W
BB--144-004	SG	80	4334	46-02.6N	139-57.9W
BB--144-005	SG	109	4334	44-06.0N	140-05.0W
BB--144-006	SG	109	4142	44-00.5N	137-45.2W
BB--144-007	SG	25	3968	44-59.0N	134-57.0W
BB--144-008	SG	46	3557	44-00.9N	131-42.1W
BB--144-009	SG	111	2555	44-01.7N	128-29.3W
BB--144-010	SG	108	3394	49-04.3N	133-00.0W
BB--144-012	PG		1216	48-29.0N	129-36.0W
BB--144-024	DH		988	46-48.4N	130-43.8W
BB--144-025	DH		1189	46-59.9N	130-52.2W
BB--144-026	DH		1271	46-42.2N	130-44.7W
BB--144-027	DH		64	46-48.4N	130-48.8W

(7) BROWN BEAR CRUISE NO. 188 - 1958

BB--188-002	SG	90	2560	46-58.7N	126-54.9W
BB--188-003	SG	84	2560	48-13.2N	126-51.5W
BB--188-004	SG	50	2579	48-11.2N	127-59.2W

(8) BROWN BEAR CRUISE NO. 199 - 1958

BB--199-003	SG	56	3191	48-59.0N	132-56.0W
BB--199-004	SG	18	3819	49-11.0N	135-34.0W
BB--199-005	SG	65	3950	49-16.0N	138-08.0W
BB--199-008	SG	16	4285	49-48.0N	145-55.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--199-009	PG		4481	47-54.0N	146-22.0W
BB--199-010	SG	47	4700	46-04.0N	146-26.0W
BB--199-011	SG	9	4901	44-00.0N	146-26.0W
BB--199-027	SG	86	3822	40-35.0N	132-31.0W
BB--199-032	SG	72	4206	48-16.0N	142-42.0W

(9) BROWN BEAR CRUISE NO. 202 - 1958

BB--202-001	SG	58	3255	50-01.9N	132-21.7W
BB--202-002	SG	133	3383	49-44.9N	133-57.9W
BB--202-003	SG	110	3676	49-54.2N	135-40.2W
BB--202-004	SG	135	3731	47-57.3N	134-00.1W
BB--202-005	SG	72	2890	48-00.0N	131-02.1W

(10) BROWN BEAR CRUISE NO. 236 - 1959

BB--236-002	VV			65-42.0N	168-43.0W
BB--236-003	VV			65-59.0N	168-55.0W
BB--236-004	SG	14	48	66-01.0N	167-55.0W
BB--236-004	VV		48	66-01.0N	167-55.0W
BB--236-005	VV		11	66-04.0N	166-55.0W
BB--236-006	VV		22	66-26.0N	167-54.0W
BB--236-008	SG	15	33	66-43.0N	168-24.0W
BB--236-008	VV		33	66-43.0N	168-24.0W
BB--236-009	VV			66-54.0N	167-56.0W
BB--236-010	SG	57	42	67-21.0N	166-47.0W
BB--236-011	SG		38	67-32.0N	166-16.0W
BB--236-011	VV		38	67-32.0N	166-16.0W
BB--236-012	VV			67-45.0N	165-42.0W
BB--236-013	VV			67-54.0N	165-17.0W
BB--236-014	VV		22	68-05.0N	166-20.0W
BB--236-015	SG	20	33	68-17.0N	166-50.0W
BB--236-015	VV		33	68-17.0N	166-50.0W
BB--236-016	VV		42	68-32.0N	167-27.0W
BB--236-016	SG	22	42	68-32.0N	167-27.0W
BB--236-017	SG	132	49	68-49.0N	168-09.0W
BB--236-017	VV		49	68-49.0N	168-09.0W
BB--236-018	SG	120	48	69-08.0N	168-52.0W
BB--236-018	VV		48	69-08.0N	168-52.0W
BB--236-019	SG	111	42	68-58.0N	167-14.0W
BB--236-019	VV		42	68-58.0N	167-14.0W
BB--236-021	VV		13	68-53.0N	166-16.0W
BB--236-022	SG	90	37	68-45.0N	166-51.0W
BB--236-022	VV		37	68-45.0N	166-51.0W
BB--236-023	SG	48	55	68-16.0N	168-02.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	PAGE 9	
				LATITUDE	LONGITUDE
BB--236-023	VV		55	68-16.0N	168-02.0W
BB--236-024	SG	66	59	68-01.0N	168-38.0W
BB--236-024	VV		59	68-01.0N	168-38.0W
BB--236-025	SG	111		68-28.0N	168-41.0W
BB--236-025	VV			68-28.0N	168-41.0W
BB--236-028	SG	16	38	68-02.0N	167-28.0W
BB--236-028	VV		38	68-02.0N	167-28.0W
BB--236-029	SG	82		67-46.0N	168-04.0W
BB--236-029	VV			67-46.0N	168-04.0W
BB--236-030	SG	42	51	67-34.0N	168-36.0W
BB--236-030	VV		51	67-34.0N	168-36.0W
BB--236-031	VV			67-07.0N	168-32.0W
BB--236-032	SG	25	45	67-22.0N	167-53.0W
BB--236-032	VV		45	67-22.0N	167-53.0W
BB--236-033	SG	30	46	67-34.0N	167-23.0W
BB--236-033	VV		46	67-34.0N	167-23.0W
BB--236-034	VV			67-49.0N	166-43.0W
BB--236-037	VV		15	67-49.0N	164-53.0W
BB--236-039	VV			67-25.0N	165-43.0W
BB--236-040	VV			67-14.0N	166-23.0W
BB--236-042	VV			66-54.0N	167-35.0W
BB--236-044	VV			66-32.0N	167-40.0W
BB--236-045	VV			66-46.0N	167-08.0W
BB--236-047	VV		18	66-13.0N	167-20.0W
BB--236-048	VV		31	66-28.0N	166-38.0W
BB--236-049	VV		22	66-41.0N	166-00.0W
BB--236-050	VV		22	66-53.0N	165-20.0W
BB--236-051	SG	20	29	67-06.0N	164-39.0W
BB--236-051	VV		29	67-06.0N	164-39.0W
BB--236-053	VV		13	67-19.0N	163-58.0W
BB--236-054	VV		11	67-08.0N	163-54.0W
BB--236-055	SG	30	13	66-55.0N	163-20.0W
BB--236-055	VV		13	66-55.0N	163-20.0W
BB--236-056	SG	30	22	66-48.0N	163-34.0W
BB--236-056	VV		22	66-48.0N	163-34.0W
BB--236-057	SG	29	18	66-39.0N	163-53.0W
BB--236-057	VV		18	66-39.0N	163-53.0W
BB--236-058	SG	35	18	66-53.0N	164-31.0W
BB--236-058	VV		18	66-53.0N	164-31.0W
BB--236-059	SG	30	22	66-41.0N	165-03.0W
BB--236-059	VV		22	66-41.0N	165-03.0W
BB--236-060	VV			66-26.0N	165-41.0W
BB--236-061	VV			66-40.0N	166-20.0W
BB--236-062	SG	50	38	66-52.0N	166-50.0W
BB--236-062	VV		38	66-52.0N	166-50.0W
BB--236-070	SG	33		67-06.0N	167-32.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--236-070	VV			67-06.0N	167-32.0W
BB--236-071	VV			67-09.0N	167-40.0W
BB--236-076	VV		48	67-16.0N	167-24.0W
BB--236-077	VV		42	67-24.0N	167-06.0W
BB--236-078	VV		45	67-28.0N	166-58.0W
BB--236-079	VV		46	67-35.0N	166-42.0W
BB--236-080	VV			67-42.0N	166-26.0W
BB--236-081	VV			67-50.0N	166-09.0W
BB--236-082	VV			67-54.0N	166-01.0W
BB--236-083	VV			67-48.0N	165-51.0W
BB--236-084	VV			68-00.0N	165-47.0W
BB--236-085	VV			68-03.0N	165-47.0W
BB--236-086	VV			66-38.0N	163-58.0W
BB--236-088	VV		21	66-42.0N	163-58.0W
BB--236-089	VV			66-47.0N	163-58.0W
BB--236-090	VV			66-55.0N	164-00.0W
BB--236-091	SG	12	21	66-54.6N	164-00.0W
BB--236-092	VV		27	67-02.0N	164-00.0W
BB--236-093	VV		16	67-10.0N	164-01.0W
BB--236-094	VV		20	67-08.0N	163-50.0W
BB--236-095	SG	30	13	67-08.0N	163-54.0W
BB--236-095	VV		13	67-08.0N	163-54.0W
BB--236-096	VV		18	67-09.0N	164-00.0W
BB--236-097	VV		22	67-09.0N	164-05.0W
BB--236-098	VV			67-11.0N	164-23.0W
BB--236-099	SG	84	30	67-09.0N	164-42.0W
BB--236-099	VV		30	67-09.0N	164-42.0W
BB--236-108	SG	103	31	67-30.0N	165-57.0W
BB--236-108	VV		31	67-30.0N	165-57.0W
BB--236-110	SG	22	27	67-40.0N	165-16.0W
BB--236-110	VV		27	67-40.0N	165-16.0W
BB--236-112	VV		18	67-44.0N	165-08.0W
BB--236-113	VV		12	67-42.0N	164-41.0W
BB--236-115	VV			67-46.0N	164-54.0W
BB--236-116	VV			67-53.0N	165-18.0W
BB--236-117	VV			67-59.0N	165-37.0W
BB--236-119	VV		37	67-53.0N	165-24.0W
BB--236-127	VV		53	67-59.0N	167-08.0W
BB--236-128	VV		49	68-04.0N	166-57.0W
BB--236-129	VV		53	68-08.0N	166-48.0W
BB--236-130	VV		35	68-11.0N	166-43.0W
BB--236-131	VV		49	68-14.0N	166-36.0W
BB--236-132	VV			68-15.0N	166-39.0W
BB--236-133	VV			68-19.0N	166-46.0W
BB--236-134	VV			68-16.0N	166-46.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--236-136	VV			68-20.0N	167-01.0W
BB--236-137	VV		35	68-23.0N	167-09.0W
BB--236-138	VV		38	68-27.0N	167-18.0W
BB--236-141	VV			68-28.0N	167-00.0W
BB--236-142	VV		26	68-27.0N	166-44.0W
BB--236-143	VV		18	68-26.0N	166-33.0W
BB--236-144	VV		11	68-26.0N	166-29.0W
BB--236-145	VV			68-25.0N	166-40.0W
BB--236-146	VV			68-23.0N	166-53.0W
BB--236-147	VV		24	68-21.0N	166-47.0W
BB--236-150	VV			66-38.0N	164-31.0W
BB--236-151	VV			66-37.0N	164-46.0W
BB--236-152	VV			66-36.0N	165-02.0W
BB--236-153	VV		16	66-34.0N	165-22.0W
BB--236-155	VV			66-30.0N	163-21.0W
BB--236-156	VV		15	66-20.0N	163-17.0W
BB--236-157	VV		11	66-08.0N	163-12.0W
BB--236-158	VV			66-08.0N	162-55.0W
BB--236-159	VV			66-05.0N	162-43.0W
BB--236-160	VV		13	66-13.0N	162-44.0W
BB--236-161	VV		13	66-23.0N	162-44.0W
BB--236-162	VV		11	66-37.0N	162-46.0W
BB--236-163	SG	26	23	66-48.0N	165-55.0W
BB--236-163	VV		23	66-48.0N	165-55.0W
BB--236-165	SG	20	57	66-43.0N	167-44.0W
BB--236-165	VV		57	66-43.0N	167-44.0W
BB--236-167	VV		42	66-40.0N	168-58.0W
BB--236-168	VV		53	66-21.0N	168-54.0W
BB--236-170	VV		53	66-07.0N	168-52.0W
BB--236-172	VV		53	65-46.0N	168-49.0W
BB--236-174	VV			65-44.0N	168-38.0W
BB--236-176	VV			65-41.0N	168-16.0W
BB--236-178	VV			65-41.0N	168-10.0W

(11) BROWN BEAR CRUISE NO. 268 - 1960

BB--268-001	VV		29	64-26.0N	166-20.0W
BB--268-002	VV		31	64-10.0N	166-52.0W
BB--268-003	SG			63-53.0N	167-25.0W
BB--268-003	VV			63-53.0N	167-25.0W
BB--268-004	VV		29	63-37.0N	167-57.0W
BB--268-005	VV		31	63-18.0N	168-34.0W
BB--268-006	VV		20	63-18.0N	168-39.0W
BB--268-007	VV		29	63-07.0N	167-58.0W
BB--268-008	VV			62-50.0N	167-16.0W
BB--268-009	VV		22	62-34.0N	166-35.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--268-010	VV		8	62-19.0N	165-56.0W
BB--268-011	SG	15	20	62-52.0N	166-00.0W
BB--268-011	VV		20	62-52.0N	166-00.0W
BB--268-012	SG	11	26	63-26.0N	166-04.0W
BB--268-012	VV		26	63-26.0N	166-04.0W
BB--268-013	SG			63-58.0N	166-08.0W
BB--268-013	VV			63-58.0N	166-08.0W
BB--268-014	VV		27	64-22.0N	166-11.0W
BB--268-015	VV			64-32.0N	166-12.0W
BB--268-016	VV		27	64-32.0N	166-59.0W
BB--268-017	VV		27	64-44.0N	167-08.0W
BB--268-018	VV		24	64-52.0N	167-14.0W
BB--268-019	VV1		15	64-58.0N	167-19.0W
BB--268-019	VV2		15	64-58.0N	167-19.0W
BB--268-020	VV		16	65-13.0N	167-30.0W
BB--268-021	VV		41	64-54.0N	168-10.0W
BB--268-022	SG	13		64-34.0N	168-47.0W
BB--268-022	VV			64-34.0N	168-47.0W
BB--268-023	VV		40	64-16.0N	169-22.0W
BB--268-024	SG			63-58.0N	169-57.0W
BB--268-024	VV			63-58.0N	169-57.0W
BB--268-025	VV		36	63-44.0N	170-22.0W
BB--268-026	VV		37	63-50.0N	171-55.0W
BB--268-027	VV			63-46.0N	171-46.0W
BB--268-028	VV			63-58.0N	172-11.0W
BB--268-029	VV			64-19.0N	171-26.0W
BB--268-030	VV		38	64-41.0N	170-38.0W
BB--268-031	VV		45	65-01.0N	164-52.0W
BB--268-032	VV		52	65-23.0N	169-02.0W
BB--268-033	VV		49	65-44.0N	168-53.0W
BB--268-034	VV1		55	65-42.0N	168-30.0W
BB--268-034	VV2		55	65-42.0N	168-30.0W
BB--268-035	VV		18	65-40.0N	168-10.0W
BB--268-036	VV		37	65-47.0N	168-08.0W
BB--268-037	VV		39	65-55.0N	168-07.0W
BB--268-038	SG	28	29	66-01.0N	167-59.0W
BB--268-038	VV		29	66-01.0N	167-59.0W
BB--268-038	VV			66-12.0N	168-01.0W
BB--268-039	VV		14	66-07.0N	167-50.0W
BB--268-040	VV		19	66-11.0N	167-45.0W
BB--268-041	VV		15	66-06.0N	167-43.0W
BB--268-042	VV		21	66-02.0N	167-42.0W
BB--268-043	VV		17	65-56.0N	167-39.0W
BB--268-044	VV		19	66-03.0N	167-21.0W
BB--268-045	VV		18	66-09.0N	167-03.0W
BB--268-046	VV			66-10.0N	167-17.0W
BB--268-047	VV			66-11.0N	167-35.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--268-049	VV			66-12.0N	168-13.0W
BB--268-050	VV		55	66-15.0N	168-53.0W
BB--268-051	VV		45	66-48.0N	168-52.0W
BB--268-052	VV			66-44.0N	168-03.0W
BB--268-053	VV		33	66-40.0N	167-14.0W
BB--268-054	VV		31	66-38.0N	166-44.0W
BB--268-055	VV		16	66-36.0N	166-22.0W
BB--268-056	VV		20	66-34.0N	165-56.0W
BB--268-057	VV		16	66-32.0N	165-29.0W
BB--268-058	VV			66-47.0N	165-02.0W
BB--268-059	VV		27	67-00.0N	164-38.0W
BB--268-060	SG	93	28	67-04.0N	164-32.0W
BB--268-060	VV		28	67-04.0N	164-32.0W
BB--268-061	VV			67-06.0N	164-09.0W
BB--268-062	VV		21	67-20.0N	164-09.0W
BB--268-063	VV		30	67-19.0N	164-38.0W
BB--268-064	SG	93	32	67-18.0N	165-07.0W
BB--268-064	VV		32	67-18.0N	165-07.0W
BB--268-065	SG	44	23	67-18.0N	166-04.0W
BB--268-065	VV		23	67-18.0N	166-04.0W
BB--268-066	SG	46	44	67-17.0N	167-05.0W
BB--268-066	VV		44	67-17.0N	167-05.0W
BB--268-067	SG	32	37	67-16.0N	168-02.0W
BB--268-067	VV		37	67-16.0N	168-02.0W
BB--268-068	VV		49	67-15.0N	169-05.0W
BB--268-069	VV1		46	67-23.0N	168-26.0W
BB--268-069	VV2		46	67-23.0N	168-26.0W
BB--268-070	VV		46	67-35.0N	167-28.0W
BB--268-071	SG	58	48	67-38.0N	167-17.0W
BB--268-071	VV		48	67-38.0N	167-17.0W
BB--268-072	VV			67-48.0N	166-30.0W
BB--268-073	VV		48	67-52.0N	166-08.0W
BB--268-074	VV		20	67-57.0N	165-46.0W
BB--268-075	VV			68-00.0N	165-32.0W
BB--268-076	VV1		17	68-11.0N	166-23.0W
BB--268-076	VV2		17	68-11.0N	166-23.0W
BB--268-077	VV1		30	68-21.0N	166-55.0W
BB--268-077	VV2		30	68-21.0N	166-55.0W
BB--268-078	VV			68-19.0N	167-16.0W
BB--268-079	VV			68-16.0N	167-56.0W
BB--268-080	VV			68-14.0N	168-25.0W
BB--268-081	VV			68-11.0N	168-55.0W
BB--268-082	VV			68-20.0N	168-55.0W
BB--268-083	VV			68-34.0N	168-55.0W
BB--268-084	VV			68-40.0N	168-55.0W
BB--268-085	VV			68-47.0N	168-55.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--268-086	VV			68-54.0N	168-55.0W
BB--268-087	VV	115		68-53.0N	167-44.0W
BB--268-088	VV			68-52.0N	167-08.0W
BB--268-089	VV1			68-52.0N	166-21.0W
BB--268-089	VV2			68-52.0N	166-21.0W
BB--268-090	VV			68-57.0N	165-55.0W
BB--268-091	VV			69-00.0N	165-43.0W
BB--268-092	VV			69-03.0N	165-31.0W
BB--268-093	VV			69-06.0N	165-19.0W
BB--268-094	VV			69-09.0N	165-05.0W
BB--268-095	VV			69-12.0N	165-24.0W
BB--268-096	VV			69-12.0N	165-24.0W
BB--268-097	VV			69-17.0N	166-02.0W
BB--268-098	VV			69-26.0N	167-03.0W
BB--268-099	VV			69-34.0N	168-02.0W
BB--268-100	VV			69-43.0N	169-00.0W
BB--268-101	VV			70-00.0N	168-56.0W
BB--268-102	VV			70-18.0N	168-52.0W
BB--268-103	SG	27	50	70-28.0N	167-45.0W
BB--268-103	VV		50	70-28.0N	167-45.0W
BB--268-104	SG	26	40	70-38.0N	166-37.0W
BB--268-104	VV		40	70-38.0N	166-37.0W
BB--268-105	VV		43	70-48.0N	165-31.0W
BB--268-106	VV		49	70-50.0N	165-29.0W
BB--268-107	VV		46	70-33.0N	164-28.0W
BB--268-108	VV		30	70-18.0N	163-33.0W
BB--268-109	VV		27	70-13.0N	163-15.0W
BB--268-110	VV		19	70-07.0N	162-56.0W
BB--268-111	VV		15	70-04.0N	162-46.0W
BB--268-112	VV		18	70-04.0N	162-56.0W
BB--268-113	VV			70-01.0N	163-05.0W
BB--268-114	VV		10	69-51.0N	163-03.0W
BB--268-115	VV		16	69-46.0N	163-17.0W
BB--268-116	VV		23	69-47.0N	163-39.0W
BB--268-117	VV		26	69-48.0N	164-01.0W
BB--268-118	VV			69-49.0N	164-22.0W
BB--268-119	VV			69-50.0N	164-43.0W
BB--268-120	VV			69-51.0N	165-04.0W
BB--268-121	VV		46	69-47.0N	166-59.0W
BB--268-122	VV			69-17.0N	167-02.0W
BB--268-123	VV			69-12.0N	167-03.0W
BB--268-124	VV			69-06.0N	167-03.0W
BB--268-125	VV		44	68-54.0N	167-04.0W
BB--268-126	VV		37	68-42.0N	167-02.0W
BB--268-127	VV		18	68-21.0N	167-02.0W
BB--268-128	VV		10	68-23.0N	167-01.0W
BB--268-129	VV		9	66-43.0N	162-31.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--268-130	SG	8	13	66-35.0N	162-34.0W
BB--268-130	VV		13	66-35.0N	162-34.0W
BB--268-131	SG	15	13	66-28.0N	162-36.0W
BB--268-131	VV		13	66-28.0N	162-36.0W
BB--268-132	VV		9	66-07.0N	162-42.0W
BB--268-133	VV		13	66-10.0N	163-05.0W
BB--268-134	VV		12	66-13.0N	163-27.0W
BB--268-135	VV		10	66-15.0N	163-38.0W
BB--268-136	VV		10	66-24.0N	163-34.0W
BB--268-137	VV		13	66-21.0N	163-17.0W
BB--268-138	VV		13	66-14.0N	162-43.0W
BB--268-139	VV		12	66-10.0N	162-26.0W
BB--268-140	VV		10	66-08.0N	162-11.0W
BB--268-141	VV		6	66-06.0N	161-50.0W
BB--268-142	VV		8	66-11.0N	161-48.0W
BB--268-143	VV		6	66-15.0N	161-46.0W
BB--268-144	VV		10	66-22.0N	161-57.0W
BB--268-145	VV		14	66-25.0N	162-16.0W
BB--268-146	VV		13	66-29.0N	162-37.0W
BB--268-147	VV		22	66-34.0N	163-12.0W
BB--268-148	VV		24	66-37.0N	163-33.0W
BB--268-149	VV			66-39.0N	163-46.0W
BB--268-150	VV		23	66-46.0N	163-43.0W
BB--268-151	VV		20	66-51.0N	163-42.0W
BB--268-151	SG	13	20	66-51.0N	063-42.0W
BB--268-152	VV		15	66-55.0N	163-40.0W
BB--268-153	VV		13	67-03.0N	163-38.0W
BB--268-154	VV		16	67-04.0N	163-58.0W
BB--268-155	VV		25	67-04.0N	164-15.0W
BB--268-156	VV		19	67-12.0N	164-16.0W
BB--268-157	VV		10	67-13.0N	163-52.0W
BB--268-158	VV			67-11.0N	163-53.0W
BB--268-159	VV		7	67-08.0N	163-52.0W
BB--268-160	VV		9	67-10.0N	163-50.0W
BB--268-161	VV		13	67-11.0N	163-56.0W
BB--268-162	VV		8	67-15.0N	163-55.0W
BB--268-163	VV		22	67-18.0N	164-23.0W
BB--268-164	VV		18	67-26.0N	164-14.0W
BB--268-165	VV			67-30.0N	164-30.0W
BB--268-166	VV			67-30.0N	164-30.0W
BB--268-167	VV			67-31.0N	164-48.0W
BB--268-168	VV			67-37.0N	164-44.0W
BB--268-169	VV		12	67-44.0N	164-40.0W
BB--268-170	VV		39	67-30.0N	165-52.0W
BB--268-170	KU	744	39	67-30.0N	165-52.0W
BB--268-171	VV		48	67-52.0N	166-09.0W
BB--268-172	VV		48	67-53.0N	166-17.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--268-173	VV		26	65-22.0N	167-33.0W
BB--268-174	VV		10	65-16.0N	166-47.0W
BB--268-175	VV		16	65-21.0N	167-28.0W
BB--268-176	VV		30	65-19.0N	167-36.0W
BB--268-177	VV		31	65-15.0N	167-46.0W
BB--268-178				65-12.0N	167-56.0W
BB--268-179				64-48.0N	167-50.0W
BB--268-180	VV			64-41.0N	167-28.0W
BB--268-181	VV			66-28.0N	162-36.0W

(12) BROWN BEAR CRUISE NO. 269 - 1960

BB--269-001	VV		18	63-14.7N	165-19.0W
BB--269-002	VV		9	63-10.4N	165-00.4W

(13) BROWN BEAR CRUISE NO. 291 - 1962

BB--291-001	SG	4	262	48-24.4N	124-49.2W
BB--291-001	VV		262	48-24.4N	124-49.2W
BB--291-002	SG	157	369	48-09.6N	125-46.2W
BB--291-002	VV		369	48-09.6N	125-46.2W
BB--291-003	SG	50	1701	48-01.8N	126-22.6W
BB--291-004	SG	92	2195	47-56.0N	126-33.9W
BB--291-005	SG	93	2601	47-42.2N	127-31.7W
BB--291-006	SG	76	2441	47-29.0N	126-39.0W
BB--291-006	VV		2441	47-29.0N	126-39.0W
BB--291-007	SG	100	2249	47-32.3N	123-12.4W
BB--291-007	VV		2249	47-32.3N	126-12.4W
BB--291-008	KU	424	1293	47-39.0N	125-38.0W
BB--291-008	SG	15	1293	47-39.0N	125-38.0W
BB--291-008	VV		1293	47-39.0N	125-38.0W
BB--291-009	SG	85	786	47-41.6N	125-12.2W
BB--291-009	SG	2	786	47-41.6N	125-12.2W
BB--291-010	VV	8	26	47-46.6N	124-38.8W
BB--291-011	VV		31	47-22.4N	124-25.7W
BB--291-012	SG	93	772	47-20.8N	125-11.6W
BB--291-013	SG	120	2103	47-10.0N	126-03.5W
BB--291-014	SG	62	2597	46-59.0N	127-04.1W
BB--291-015	SG	37	2670	46-52.0N	127-38.0W
BB--291-016	SG	56	2597	46-40.0N	126-32.6W
BB--291-017	SG	91	2688	46-30.3N	125-52.8W
BB--291-018	KU	514	973	46-41.0N	125-12.0W
BB--291-018	SG	18	973	46-41.0N	125-12.0W
BB--291-019	SG	16	112	46-49.3N	124-36.3W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--291-019	VV		112	46-49.3N	124-36.3W
BB--291-020	VV		33	46-55.9N	124-15.2W
BB--291-021	VV		49	46-43.6N	124-14.8W
BB--291-022	VV		27	46-22.6N	124-09.0W
BB--291-023	VV	12	33	46-16.0N	124-08.0W
BB--291-024	VV	5	37	46-05.5N	124-02.5W
BB--291-025	VV	5	40	45-53.2N	124-02.9W
BB--291-026	KU	92	161	45-47.2N	124-29.0W
BB--291-026	SG	19	161	45-47.2N	124-29.0W
BB--291-026	VV		161	45-47.2N	124-29.0W
BB--291-027	SG	111	443	45-29.2N	124-28.8W
BB--291-027	VV		443	45-29.2N	124-28.8W
BB--291-028	SG		27	45-14.5N	124-00.5W
BB--291-029	SG	132	441	44-59.2N	124-35.6W
BB--291-030	SG	120	2606	44-40.2N	125-20.2W
BB--291-031	SG	40	135	44-25.8N	124-39.4W
BB--291-031	VV		135	44-25.8N	124-39.4W
BB--291-032	VV	7	44	44-15.0N	124-09.2W
BB--291-033	SG	2	137	43-57.8N	124-43.6W
BB--291-034	SG	111	585	43-29.7N	124-44.4W
BB--291-035	VV	6	60	43-18.4N	124-27.5W
BB--291-036	SG	100	2341	42-53.4N	125-09.8W
BB--291-037	SG	74	3072	42-43.2N	125-32.0W
BB--291-038	SG	35	2975	43-34.6N	125-32.0W
BB--291-039	SG	47	2926	43-52.4N	125-49.2W
BB--291-040	SG	46	2890	44-13.0N	126-27.5W
BB--291-041	SG	42	2798	44-42.6N	127-36.0W
BB--291-042	SG	54	2780	45-04.0N	126-41.0W
BB--291-043	SG	43	2560	45-17.2N	126-01.4W
BB--291-044	SG	72	2451	45-29.0N	125-31.0W
BB--291-044	VV		2451	45-29.0N	125-31.0W
BB--291-045	SG	12	1116	45-31.8N	125-12.3W
BB--291-046	SH	91	1600	45-34.2N	125-02.4W
BB--291-047	SG	51	2377	45-45.0N	125-51.0W
BB--291-048	SG	47	2707	45-57.4N	126-40.2W
BB--291-049	SG	145	2725	45-03.5N	127-10.6W
BB--291-050	SG	104	2663	46-12.1N	126-20.8W
BB--291-051	SG	97	2012	46-14.6N	125-29.0W
BB--291-052	SG	95	1646	46-17.5N	125-06.0W
BB--291-053	VV	14	146	46-20.7N	124-33.9W
BB--291-055	VV	8	121	46-05.8N	124-21.0W
BB--291-056	VV		119	45-55.2N	124-33.0W
BB--291-057	VV		357	46-04.0N	124-48.4W
BB--291-058	SG	52	1170	46-06.2N	124-53.3W
BB--291-059	SG	91	933	46-14.5N	124-41.9W
BB--291-060	KU	489	796	46-13.6N	124-37.4W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--291-060	TR	12	796	46-13.6N	124-37.4W
BB--291-061	KU	546	391	46-15.5N	124-26.0W
BB--291-061	SG	21	391	46-15.5N	124-26.0W
BB--291-062	SG	48	73	46-21.8N	124-17.8W
BB--291-063	SG	82	713	46-30.0N	124-34.0W
BB--291-064	SG	58	384	46-39.0N	124-47.9W
BB--291-065	SG	9	1957	46-27.0N	125-03.0W
BB--291-066	SG	11	1650	46-25.7N	124-54.6W
BB--291-067	SG	86	1138	46-23.3N	124-41.2W
BB--291-068	SG	11	960	46-14.5N	124-40.9W

(14) BROWN BEAR CRUISE NO. 308 - 1962

BB--308-029	VV			46-55.9N	124-49.0W
BB--308-031	SG			46-54.5N	124-22.8W
BB--308-032	VV			46-55.0N	124-16.0W
BB--308-033	VV			46-37.0N	124-11.4W
BB--308-034	VV			46-36.8N	124-26.7W
BB--308-035	VV			44-36.9N	124-38.3W
BB--308-043	VV			46-14.3N	124-29.3W
BB--308-046	VV			43-05.8N	124-06.3W
BB--308-047	VV			46-11.0N	124-13.4W
BB--308-051	VV			46-24.9N	124-15.3W
BB--308-052	VV			46-25.0N	124-22.0W
BB--308-060	VV			46-54.2N	124-40.0W
BB--308-061	VV			46-54.7N	124-26.7W
BB--308-062	VV			45-55.5N	124-12.0W
BB--308-064	VV			45-33.9N	124-18.0W
BB--308-065	VV			45-33.0N	124-02.0W
BB--308-066	VV			45-24.8N	124-12.6W
BB--308-076	VV			44-55.0N	124-59.0W
BB--308-078	VV			44-55.3N	124-25.2W
BB--308-079	VV			44-55.0N	124-10.6W

(15) BROWN BEAR CRUISE NO. 311 - 1962

BB--311-001	SS		13	BY27	COL R
BB--311-002	SS		24	BY14	COL R
BB--311-003	SS		24	BY02	COL R
BB--311-004	SS		80	46-06.0N	124-09.0W
BB--311-005	SG	11	143	46-01.8N	124-29.0W
BB--311-006	SG	13	1646	45-50.5N	125-10.2W
BB--311-007	SG	27	2012	45-48.0N	125-24.0W
BB--311-008	SG	23	2560	45-36.0N	126-09.0W
BB--311-009	SG	117	2789	44-48.2N	125-44.5W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--311-010	SG	2	2743	44-04.0N	125-19.0W
BB--311-012	SG	2	3155	43-58.5N	127-09.0W
BB--311-013	SG	60	2926	43-57.3N	127-05.8W
BB--311-014	SG	53	2835	44-07.0N	127-59.0W
BB--311-015	SG	25	2926	43-50.5N	128-11.0W
BB--311-016	SG	21	3146	43-34.0N	128-10.8W
BB--311-017	SG	44	3347	43-33.3N	128-45.0W
BB--311-018	SG	89	3072	43-19.0N	128-08.0W
BB--311-019	SG	43	2853	43-26.0N	127-30.0W
BB--311-020	SG	61	3127	43-10.0N	127-11.0W
BB--311-021	SG	63	3036	43-00.0N	125-26.0W
BB--311-022	SG	74	3072	42-20.0N	125-18.4W
BB--311-023	SG	67	2670	42-10.0N	126-26.0W
BB--311-024	SG	72	2890	41-36.0N	126-12.8W
BB--311-025	SG	88	3109	41-04.0N	126-00.0W
BB--311-026	SG	52	530	40-48.5N	124-33.0W
BB--311-027	SG	75	2981	40-55.5N	125-10.0W
BB--311-028	SG	18	2451	40-22.5N	125-53.0W
BB--311-029	SG	113	3840	40-06.0N	126-10.5W
BB--311-030	SG	105	4334	40-00.0N	127-30.0W
BB--311-031	SG	75	3200	40-29.0N	127-27.0W
BB--311-034	SG	25	3237	41-13.0N	128-58.0W
BB--311-036	SG	101	3155	42-17.2N	129-37.0W
BB--311-037	SG	54	3402	42-52.0N	130-19.0W
BB--311-038	SG	10	3520	43-60.0N	130-30.0W
BB--311-038	SS		3520	43-60.0N	130-30.0W
BB--311-039	SG	123	3475	42-59.0N	130-24.5W
BB--311-040	SG	113	3530	42-39.5N	131-07.0W
BB--311-041	SG	36	3548	42-50.0N	131-39.0W
BB--311-042	SG	37	3566	43-32.6N	132-26.0W
BB--311-043	SG	112	3475	43-31.5N	131-34.0W
BB--311-044	SG	94	3328	43-40.0N	130-25.0W
BB--311-045	SG	96	3383	43-28.5N	129-36.0W
BB--311-045	SS		3383	43-28.5N	129-36.0W
BB--311-046	SG	96	3146	44-00.5N	129-57.0W
BB--311-047	SS		4243	44-19.0N	130-01.0W
BB--311-049	SG	23	3603	44-53.0N	131-40.0W
BB--311-050	SG	120	2853	45-07.2N	130-55.5W
BB--311-051	SS		2286	45-25.0N	130-05.0W
BB--311-052	SG	2	2560	45-26.0N	129-27.0W
BB--311-053	SG	13	2793	45-28.5N	128-54.0W
BB--311-054	SG	40	2743	45-55.0N	128-45.0W
BB--311-056	SG	18	2761	46-20.5N	128-44.5W
BB--311-057	SG	2	2451	46-19.3N	129-50.0W
BB--311-058	SG	8	1957	46-19.2N	130-24.2W
BB--311-059	SG	2	82	46-45.6N	130-47.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--311-060	SG	62	3255	47-07.0N	131-48.0W
BB--311-061	SG	110	2890	47-29.2N	131-03.2W
BB--311-062	SG	104	2890	47-49.0N	130-19.0W
BB--311-063	SG	10	2761	47-32.0N	129-36.0W
BB--311-064	SG	34	2633	47-38.0N	128-48.0W
BB--311-065	SG	21	2652	47-44.0N	128-05.3W
BB--311-066	SG	90	2560	47-51.0N	127-09.0W
BB--311-067	SG	72	1884	47-57.0N	126-19.0W
BB--311-068	SG	66	1737	47-58.5N	126-10.4W
BB--311-069	SG	68	170	48-23.0N	125-13.5W
BB--311-070	SS		251	48-25.0N	125-00.0W
BB--311-012	SS		165	48-06.3N	125-13.5W

(16) BROWN BEAR CRUISE NO. 312 - 1962

BB--312-014	SG	71	1500	47-41.0N	126-00.0W
BB--312-017	SG	60	1463	47-25.7N	125-28.8W
BB--312-019	SG	75	201	47-23.0N	124-48.0W
BB--312-024	SS		42	46-52.5N	124-16.7W
BB--312-028	SG	73	1920	46-53.8N	125-46.0W
BB--312-031	SG	53	2652	46-52.0N	126-57.0W
BB--312-034	SG	8	1554	46-24.3N	124-51.5W
BB--312-036	SS		128	46-40.0N	124-36.0W
BB--312-037	SS		55	46-39.0N	124-16.0E
BB--312-039	SS		33	46-25.0N	124-10.3E
BB--312-041	SG	59	421	46-25.0N	124-34.6E
BB--312-043	SG	75	1573	46-13.9N	124-39.1E
BB--312-044	SG	69	384	46-16.3N	124-24.6E
BB--312-045	SS		11	46-14.0N	124-10.0E
BB--312-046	SS		77	46-10.4N	124-14.2E
BB--312-047	SS		101	46-07.0N	124-18.0E
BB--312-048	SS		33	46-07.8N	124-03.7E
BB--312-049	SS		80	46-02.7N	124-09.5E
BB--312-050	SS		77	45-56.0N	124-05.0E
BB--312-051	SS		124	45-57.8N	124-15.7E
BB--312-052	SS		146	46-01.0N	124-29.3E
BB--312-054	SG	87	1463	46-04.9N	124-57.7E
BB--312-056	SG	102	2560	46-14.5N	126-00.0E
BB--312-057	SG	42	2725	46-23.0N	127-01.0E
BB--312-058	SG	20	1189	45-49.2N	124-50.7E
BB--312-059	SS		152	45-43.3N	124-24.6E
BB--312-060	SS		86	45-39.3N	124-06.3E
BB--312-061	SS		101	45-21.0N	124-27.0E
BB--312-062	SS		201	45-23.9N	128-19.9E
BB--312-063	SG	76	421	45-24.8N	124-31.5E

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--312-064	SG	95	1646	45-28.3N	125-00.5L
BB--312-068	SG	41	2798	45-51.7N	127-10.5L
BB--312-201	SS			BY01	COL R
BB--312-202	SS			BY02	COL R
BB--312-211	SS			BY11	COL R
BB--312-214	SS			BY14	COL R
BB--312-227	SS			BY27	COL R
BB--312-233	SS			BY33	COL R

(17) BROWN BEAR CRUISE NO. 326 - 1963

BB--326-028	VV		132	46-25.6N	124-30.0W
BB--326-028	KU	145	132	46-25.6N	124-30.0W
BB--326-029	VV		4	46-26.6N	124-32.4W
BB--326-029	KU	70	402	46-26.6N	124-32.4W
BB--326-031	KU	90	503	46-31.7N	124-25.5W
BB--326-036	KU	290	658	46-29.0N	124-42.4W
BB--326-036	TR		658	46-29.0N	124-42.4W
BB--326-037	TR		1046	46-27.4N	124-39.4W
BB--326-039	VV		146	46-20.9N	124-32.7W
BB--326-042	KU	180	1271	46-23.5N	124-43.8W
BB--326-044	KU	70	1326	46-34.0N	125-02.0W
BB--326-044	TR		1326	46-34.0N	125-02.0W
BB--326-045	KU	130	1829	46-28.0N	124-59.9W
BB--326-045	TR		1829	46-28.0N	124-59.9W
BB--326-046	KU	148	1280	46-23.6N	124-56.8W
BB--326-046	TR		1280	46-23.6N	124-56.8W
BB--326-047	KU	235	1829	46-21.5N	125-11.2W
BB--326-048	KU	220	2054	46-27.0N	125-12.8W
BB--326-049	KU	170	1829	46-33.4N	125-15.2W
BB--326-050	KU	175	2103	46-27.7N	125-15.0W
BB--326-050	TR		2103	46-27.7N	125-15.0W
BB--326-051	KU	75	1554	46-14.9N	125-24.5W
BB--326-051	TR		1554	46-14.9N	125-24.5W
BB--326-052	KU	128	1889	46-20.8N	125-34.7W
BB--326-052	TR		1889	46-20.8N	125-34.7W

(18) BROWN BEAR CRUISE NO. 346 - 1964

BB--346-001	SG	149	704	46-12.9N	124-49.9W
BB--346-002	SG	57	914	46-13.0N	124-59.2W
BB--346-003	SG	122	914	46-13.4N	124-56.3W
BB--346-004	SG	127	1618	46-11.7N	125-14.5W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
(19) BROWN BEAR CRUISE NO. 351 - 1964 -----					
BB--351-001	PC		155	48-13.6N	123-42.5W
BB--351-002	PC		165	48-14.9N	126-45.0W
BB--351-003	PC		168	48-16.2N	123-45.9W
BB--351-004	PC		170	48-15.8N	123-56.5W
BB--351-005	PC		192	48-17.4N	124-00.2W
BB--351-006	PC		192	48-18.1N	124-02.0W
(20) BROWN BEAR CRUISE NO. 366 - 1965 -----					
BB--366-001	DH		605	48-03.0N	132-51.2W
BB--366-001	VV		640	48-05.0N	132-48.0W
BB--366-002	DH		740	48-02.8N	132-48.9W
BB--366-003	DH		786	48-02.0N	132-48.0W
BB--366-004	DH		1000	48-16.0N	133-09.0W
BB--366-005	DH		1050	48-16.0N	133-09.0W
BB--366-006	DH		914	48-15.5N	133-10.5W
BB--366-007	DH		951	48-15.8N	133-11.0W
(21) BROWN BEAR CRUISE NO. 367 - 1965 -----					
BB--367-001	PC	140	269	48-29.0N	124-47.0W
BB--367-002	PC	240	302	48-26.5N	124-50.0W
BB--367-004	PC	92	291	48-23.6N	125-00.2W
BB--367-005	PC	149	108	48-22.1N	124-57.7W
BB--367-007	PC	32	304	48-20.0N	124-54.7W
BB--367-008	PC	85	163	48-18.8N	124-52.9W
BB--367-009	PC	119	316	48-18.2N	124-58.0W
BB--367-010	PC	224	241	48-12.5N	125-00.0W
BB--367-010	TR	33	241	48-12.5N	125-00.0W
BB--367-011	PC	45	113	48-13.0N	125-08.0W
BB--367-012	SS		22	46-53.0N	124-13.5W
BB--367-013	SS		37	46-52.5N	124-15.0W
BB--367-014	SS		55	46-51.7N	124-21.0W
BB--367-015	SS		73	46-50.2N	124-25.0W
BB--367-016	SS		91	46-49.6N	124-31.0W
BB--367-017	SS		110	46-48.5N	124-35.2W
BB--367-018	SS		128	46-48.0N	124-39.5W
BB--367-019	SS		144	46-47.1N	124-44.3W
BB--367-020	SS		161	46-46.0N	124-46.6W
BB--367-021	SS		190	46-45.5N	124-49.2W
BB--367-023	SG	129	494	46-44.4N	124-53.8W
BB--367-024	SG	105	713	46-43.5N	124-58.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BB--367-025	SG	125	860	46-42.9N	125-06.0W
BB--367-026	SG	108	1006	46-41.5N	125-11.0W
BB--367-027	SG	101	336	47-06.1N	124-58.7W
BB--367-028	SS		179	47-06.2N	124-57.8W
BB--367-029	SS		163	47-06.1N	124-56.4W
BB--367-030	SS		148	47-06.5N	124-51.8W
BB--367-031	SS		128	47-05.9N	124-47.2W
BB--367-032	SS		110	47-06.0N	124-43.5W
BB--367-033	SS		88	47-07.0N	124-38.6W
BB--367-034	SS		77	47-05.9N	124-35.0W
BB--367-035	SS		51	47-07.0N	124-27.5W
BB--367-036	SS		33	47-07.6N	124-18.5W
BB--367-037	SS		29	47-07.4N	124-16.7W
BB--367-038	SS		22	47-23.5N	124-26.8W
BB--367-039	SS		33	47-23.5N	124-29.4W
BB--367-040	SS		44	47-23.0N	124-32.0W
BB--367-041	SS		69	47-22.6N	124-35.9W
BB--367-042	SS		86	47-22.1N	124-39.0W
BB--367-043	SS		102	47-21.9N	124-42.0W
BB--367-044	SS		123	47-21.7N	124-43.8W
BB--367-045	SS		144	47-21.5N	124-45.3W
BB--367-046	SS		157	47-21.6N	124-46.1W
BB--367-094	SS		91	48-34.6N	125-03.7W
BB--367-095	SS		73	48-35.8N	125-01.5W
BB--367-096	SS		55	48-38.1N	124-56.2W
BB--367-097	SS		37	48-39.3N	124-53.0W

(22) BROWN BEAR CRUISE NO. 368 - 1965

BB--368-003	KU	463	154	48-14.0N	123-36.5W
BB--368-004	KU	160	146	48-13.6N	123-40.0W
BB--368-005	KU	130	146	48-11.8N	123-37.3W
BB--368-006	KU	35	68	48-09.9N	123-36.8W

(23) DRIFTING ICE STATION - ALPHA II - 1959

IA-1959-001	DH		311	77-35.0N	163-37.0W
IA-1959-001	PL		2114	76-57.1N	161-20.8W
IA-1959-001	SG		461	77-35.0N	163-13.8W
IA-1959-002	DH		311	77-40.0N	163-40.0W
IA-1959-002	PL		2143	77-04.1N	159-50.2W
IA-1959-002	SG		390	77-35.0N	163-13.8W
IA-1959-003	DH		349	77-41.0N	163-41.8W
IA-1959-003	PL		1988	77-18.5N	160-08.9W
IA-1959-003	SG			77-41.0N	164-03.5W
IA-1959-004	DH		265	77-41.0N	164-00.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
IA-1959-004	PL		2001	77-19.0N	160-08.9W
IA-1959-004	SG		265	77-42.0N	163-39.2W
IA-1959-005	DH		265	77-41.0N	164-00.0W
IA-1959-005	PL		1900	77-22.7N	160-08.0W
IA-1959-005	SG		271	77-48.0N	163-56.3W
IA-1959-006	DH		260	77-41.0N	164-03.5W
IA-1959-006	PL		1981	77-29.7N	160-29.4W
IA-1959-007	DH		265	77-41.5N	164-00.0W
IA-1959-007	PL		1600	77-33.5N	160-26.1W
IA-1959-008	DH		265	77-42.0N	163-39.2W
IA-1959-008	PL		1125	77-33.0N	160-24.9W
IA-1959-009	DH		271	77-42.0N	163-39.2W
IA-1959-009	PL		2800	77-39.3N	161-36.0W
IA-1959-010	DH		265	77-42.0N	163-39.2W
IA-1959-010	PL		891	77-41.6N	163-13.8W
IA-1959-011	DH		271	77-48.0N	163-56.3W
IA-1959-011	PL		547	77-40.0N	163-13.8W
IA-1959-012	DH		271	77-40.0N	163-50.0W
IA-1959-012	PL		536	77-40.0N	163-13.8W
IA-1959-013	DH		271	77-40.0N	163-50.0W
IA-1959-013	PL		527	77-37.0N	163-13.8W
IA-1959-014	DH		274	77-05.1N	163-34.7W
IA-1959-014	PL		461	77-36.0N	163-13.8W
IA-1959-015	DH		274	77-45.5N	163-48.6W
IA-1959-015	PL		316	77-36.0N	163-13.8W
IA-1959-016	DH		269	77-43.5N	164-00.0W
IA-1959-016	PL		490	77-35.0N	163-13.8W
IA-1959-017	DH		274	77-41.0N	164-20.0W
IA-1959-017	PL		395	77-33.0N	163-13.8W
IA-1959-018	DH		274	77-41.5N	164-21.5W
IA-1959-018	PL		300	77-35.0N	163-37.0W
IA-1959-019	DH		274	77-41.5N	164-21.5W
IA-1959-019	PL		265	77-41.0N	163-41.8W
IA-1959-020	DH		274	77-39.5N	164-29.4W
IA-1959-020	PL		265	77-41.0N	163-41.8W
IA-1959-021	PL		265	77-41.0N	164-00.0W
IA-1959-022	PL		260	77-41.0N	164-00.0W
IA-1959-023	PL		254	77-41.0N	164-00.0W
IA-1959-024	PL		271	77-41.0N	164-03.5W
IA-1959-025	PL		262	77-42.0N	163-39.2W
IA-1959-026	PL		265	77-42.0N	163-39.2W
IA-1959-027	PL		271	77-42.0N	163-39.2W
IA-1959-028	PL		272	77-48.0N	163-56.3W
IA-1959-029	PL		269	77-48.0N	163-56.3W
IA-1959-030	PL		271	77-40.0N	163-50.0W
IA-1959-031	PL		269	77-40.0N	163-50.0W
IA-1959-032	PL		263	77-05.1N	163-34.7W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
IA-1959-033	PL		263	77-05.1N	163-34.7W
IA-1959-034	PL		258	77-05.1N	163-34.7W
IA-1959-035	PL		276	77-05.1N	163-34.7W
IA-1959-036	PL		276	77-45.5N	163-48.6W
IA-1959-037	PL		271	77-45.5N	163-48.6W
IA-1959-038	PL		274	77-45.5N	163-48.6W
IA-1959-039	PL		274	77-45.5N	163-48.6W
IA-1959-040	PL		278	77-45.5N	163-48.6W
IA-1959-041	PL		274	77-45.5N	163-48.6W
IA-1959-042	PL		271	77-45.5N	163-48.6W
IA-1959-043	PL		267	77-42.5N	164-05.0W
IA-1959-044	PL		274	77-41.5N	164-21.5W
IA-1959-045	PL		274	77-39.5N	164-29.4W
IA-1959-046	PL		278	77-39.5N	164-29.4W
IA-1959-047	PL		274	77-36.5N	164-42.7W
IA-1959-048	PL		271	77-36.5N	164-42.7W
IA-1959-049	PL		283	77-36.5N	164-42.7W
IA-1959-050	PL		280	77-36.5N	164-42.7W
IA-1959-051	PL		278	77-36.5N	164-42.7W
IA-1959-052	PL		280	77-36.5N	164-42.7W
IA-1959-053	PL		276	77-36.5N	164-42.7W
IA-1959-054	PL		278	77-36.5N	164-42.7W
IA-1959-055	PL		282	77-36.5N	164-42.7W
IA-1959-056	PL		280	77-36.5N	164-42.7W
IA-1959-057	PL		278	77-36.5N	164-42.7W
IA-1959-058	PL		274	77-36.5N	164-42.7W
IA-1959-059	PL		274	77-36.5N	164-42.7W
IA-1959-060	PL		271	77-35.0N	164-42.8W
IA-1959-061	PL		282	77-35.0N	164-42.8W
IA-1959-062	PL		304	77-35.0N	164-42.8W
IA-1959-063	PL		300	77-35.0N	164-42.8W
IA-1959-064	PL		315	77-35.0N	164-42.8W
IA-1959-065	PL		311	77-35.0N	164-42.8W
IA-1959-066	PL		305	77-35.0N	164-42.8W
IA-1959-067	PL		316	77-35.0N	164-42.8W
IA-1959-068	PL		316	77-35.0N	164-42.8W
IA-1959-069	PL		324	77-20.5N	164-30.0W
IA-1959-069	PL		324	77-20.5N	164-30.0W
IA-1959-069	PL		324	77-20.5N	164-30.0W
IA-1959-070	PL		327	77-20.5N	164-30.0W
IA-1959-071	PL		304	77-20.5N	164-30.0W
IA-1959-072	PL		287	77-20.5N	164-30.0W
IA-1959-073	PL		282	77-20.5N	164-30.0W
IA-1959-074	PL		294	77-20.5N	164-30.0W
IA-1959-075	PL		293	77-20.5N	164-30.0W
IA-1959-076	PL		305	77-20.5N	164-30.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
IA-1959-077	PL		305	77-20.5N	164-30.0W
IA-1959-078	PL		304	77-20.5N	164-30.0W
IA-1959-079	PL		282	77-22.9N	163-42.7W
IA-1959-080	PL		274	77-22.9N	163-42.7W
IA-1959-081	PL		272	77-22.9N	163-42.7W
IA-1959-082	PL		283	77-22.9N	163-42.7W
IA-1959-083	PL		293	77-28.5N	163-58.3W
IA-1959-083	PL		293	77-28.5N	163-58.3W
IA-1959-084	PL		304	77-28.5N	163-58.3W
IA-1959-085	PL		274	77-28.5N	163-58.3W
IA-1959-086	PL		265	77-28.5N	163-58.3W
IA-1959-087	PL		263	77-28.5N	163-58.3W
IA-1959-088	PL		269	77-37.2N	164-03.7W
IA-1959-089	PL		271	77-37.2N	164-03.7W
IA-1959-090	PL		272	77-37.2N	164-03.7W
IA-1959-091	PL		272	77-37.2N	164-03.7W
IA-1959-092	PL		263	77-37.2N	164-03.7W
IA-1959-093	PL		280	77-41.8N	164-13.8W
IA-1959-094	PL		283	77-41.8N	164-13.8W
IA-1959-095	PL		274	77-41.8N	164-13.8W
IA-1959-096	PL		327	77-41.8N	164-13.8W
IA-1959-097	PL		357	77-42.5N	164-53.4W
IA-1959-098	PL		468	77-42.5N	164-53.4W
IA-1959-099	PL		475	77-43.5N	165-00.0W
IA-1959-100	PL		499	77-43.5N	165-00.0W
IA-1959-101	PL		450	77-43.5N	165-00.0W
IA-1959-102	PL		395	77-43.5N	165-00.0W
IA-1959-103	PL		386	77-43.5N	165-00.0W
IA-1959-104	PL		415	77-43.5N	165-00.0W
IA-1959-105	PL		545	77-49.0N	166-14.1W
IA-1959-106	PL		404	77-49.0N	166-14.1W
IA-1959-107	PL		344	77-49.0N	166-14.1W
IA-1959-108	PL		315	77-49.0N	166-14.1W
IA-1959-109	PL		349	77-49.0N	166-14.1W
IA-1959-110	PL		468	77-49.0N	166-14.1W
IA-1959-111	PL		497	77-49.0N	166-14.1W
IA-1959-112	PL		516	77-49.0N	166-14.1W
IA-1959-113	PL		486	77-49.0N	166-14.1W
IA-1959-114	PL		470	78-01.0N	168-21.6W
IA-1959-115	PL		492	77-57.5N	168-38.0W
IA-1959-116	PL		614	77-56.5N	168-44.0W
IA-1959-117	PL		847	77-56.5N	168-44.0W
IA-1959-118	PL		966	77-56.5N	168-44.0W
IA-1959-119	PL		1514	77-56.5N	168-44.0W
IA-1959-120	PL		2268	77-56.5N	168-44.0W
IA-1959-121	PL		2182	77-56.5N	168-44.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
<u>(24) USCGC NORTHWIND BSP PHASE II - 1961</u>					
NW-1961-001	PL		20	64-15.5N	165-31.5W
NW-1961-002	PL		25	64-15.0N	164-30.5W
NW-1961-003	PL		20	64-15.0N	163-31.0W
NW-1961-004	PL		20	64-15.0N	162-29.5W
NW-1961-005	PL		17	64-15.0N	161-30.0W
NW-1961-006	PL		15	63-44.7N	161-30.1W
NW-1961-007	PL		16	63-45.0N	162-30.0W
NW-1961-008	PL		17	63-45.2N	163-28.8W
NW-1961-009	PL		16	63-45.0N	164-31.0W
NW-1961-010	PL		22	63-42.5N	165-31.0W
NW-1961-011	PL		29	63-45.0N	166-30.0W
NW-1961-012	PL		28	63-15.0N	166-30.0W
NW-1961-013	PL		22	63-15.0N	165-30.0W
NW-1961-014	PL		16	62-44.0N	165-30.0W
NW-1961-015	PL		26	62-40.0N	166-36.0W
NW-1961-016	PL		34	62-16.0N	166-50.0W
NW-1961-017	PL		26	62-15.0N	167-30.0W
NW-1961-018	PL		28	62-43.0N	167-28.0W
NW-1961-019	PL		33	62-45.0N	168-30.0W
NW-1961-020	PL		35	62-13.5N	168-32.0W
NW-1961-021	PL		29	62-12.5N	169-33.0W
NW-1961-022	PL		43	62-16.0N	170-28.0W
NW-1961-023	PL		46	62-15.5N	171-30.0W
NW-1961-024	PL		54	62-16.5N	172-26.0W
NW-1961-025	PL		52	62-45.0N	172-30.0W
NW-1961-026	PL		48	62-45.0N	171-30.0W
NW-1961-027	PL		46	62-45.2N	170-31.0W
NW-1961-028	PL		43	62-45.0N	169-30.0W
NW-1961-029	PL		34	63-15.5N	170-44.0W
NW-1961-030	PL		47	63-14.5N	171-29.5W
NW-1961-031	PL		66	63-15.0N	172-30.5W
NW-1961-032	PL		69	62-45.0N	173-30.0W
NW-1961-033	PL		58	62-20.0N	173-28.0W
NW-1961-034	PL		71	62-16.0N	174-26.0W
NW-1961-035	PL		84	62-16.5N	175-30.0W
NW-1961-036	PL		75	62-40.5N	174-28.0W
NW-1961-037	PL		73	63-14.5N	173-29.0W
NW-1961-038	PL		49	63-44.2N	172-27.2W
NW-1961-039	PL		28	63-51.5N	171-40.5W
NW-1961-040	PL		38	63-45.0N	170-29.0W
NW-1961-041	PL		37	63-44.9N	169-30.5W
NW-1961-042	PL		33	63-45.0N	168-30.0W
NW-1961-043	PL		35	63-15.2N	168-30.0W
NW-1961-044	PL		35	63-15.0N	167-30.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW-1961-045	PL		32	63-46.0N	167-30.0W
NW-1961-046	PL		30	64-15.1N	166-30.5W
NW-1961-047	PL		32	64-15.0N	167-30.0W
NW-1961-048	PL		38	64-15.5N	168-31.0W
NW-1961-049	PL		38	64-15.5N	169-30.0W
NW-1961-050	PL		37	64-14.0N	170-30.0W
NW-1961-051	PL		49	64-16.0N	171-30.0W
NW-1961-052	PL		44	64-44.0N	171-24.0W
NW-1961-053	PL		48	64-45.3N	170-29.9W
NW-1961-054	PL		46	64-44.5N	169-30.2W
NW-1961-055	PL		44	64-45.0N	168-30.0W
NW-1961-056	PL		31	64-45.5N	167-30.0W
NW-1961-057	PL		20	64-46.0N	166-46.7W
NW-1961-058	PL		30	65-00.0N	167-30.0W
NW-1961-059	PL		47	65-00.0N	168-30.0W
NW-1961-060	PL		49	64-59.8N	169-32.0W
NW-1961-061	PL		46	65-00.5N	170-30.0W
NW-1961-062	PL		44	65-00.0N	171-24.0W
NW-1961-063	PL		38	65-14.0N	171-18.0W
NW-1961-064	PL		44	65-15.0N	170-30.0W
NW-1961-065	PL		50	65-14.2N	169-30.0W
NW-1961-066	PL		51	65-14.5N	168-30.0W
NW-1961-067	PL		31	65-15.2N	167-45.0W

(25) USCGC NORTHWIND CRUISE 31967 PHASE I - 1962

NW31967-001	KU	64	128	59-00.0N	176-00.0W
NW31967-002	KU	58	132	59-22.0N	176-40.0W
NW31967-003	KU	91	174	59-42.0N	177-18.0W
NW31967-004	KU	71	137	60-04.5N	178-01.5W
NW31967-005	KU		585	60-46.0N	179-30.0W
NW31967-006	KU	84	146	61-09.0N	179-46.0E
NW31967-007	KU	46	176	61-29.0N	179-04.5E
NW31967-008	KU		110	61-50.0N	178-21.0E
NW31967-009	KU		37	62-15.0N	177-28.0E
NW31967-010	KU	150	1253	59-40.9N	170-52.0E
NW31967-011	KU	145	1920	59-22.5N	171-21.0E
NW31967-012	KU	132	3658	57-21.0N	174-15.0E
NW31967-013	KU	15	1573	55-06.5N	177-14.0E
NW31967-014	KU	163	3722	55-18.0N	177-00.0E
NW31967-015	KU	112	3246	58-29.7N	164-30.0E
NW31967-016	KU	124	3670	56-51.8N	165-39.0E
NW31967-017	KU	145	3840	55-16.0N	168-36.0E
NW31967-018	KU	18	1097	52-57.0N	171-27.0E
NW31967-019	KU	109	4691	52-16.5N	172-03.0E

SAMPLE NO. TYPE CORE LENGTH DEPTH LATITUDE
(CM) (M)(26) USCGC NORTHWIND CRUISE 31969 PHASE II - 1962

NW31969-001	SG	23	33	64-05.8N	166-59.0W
NW31969-002	SG	25	79	64-00.5N	175-00.0W
NW31969-003	KU	36	79	64-00.5N	175-00.0W
NW31969-004	KU	48	82	64-00.0N	175-59.0W
NW31969-005	SG	38	82	63-59.5N	177-02.0W
NW31969-006	SG	36	85	64-00.0N	178-00.0W
NW31969-007	SG	33	75	64-30.0N	178-00.0W
NW31969-008	SG	48	78	64-29.5N	176-59.9W
NW31969-009	SG	28	76	64-30.0N	176-00.0W
NW31969-010	SG	18	64	64-30.0N	175-00.0W
NW31969-011	SG	23	56	64-59.5N	176-58.0W
NW31969-012	SG	56	63	64-55.5N	179-49.0W
NW31969-013	PL		43	63-31.0N	179-59.0W
NW31969-014	PL		70	64-00.0N	179-46.5W
NW31969-015	SG		91	61-59.8N	179-00.5E
NW31969-016	SG	23	182	62-00.0N	180-00.0W
NW31969-017	SG	56	76	62-00.1N	178-59.9W
NW31969-018	SG	33	96	63-00.0N	178-00.0W
NW31969-019	SG	43	99	62-32.0N	177-56.0W
NW31969-020	SG	61	117	62-00.0N	178-00.0W
NW31969-021	SG	69	108	62-00.5N	177-00.0W
NW31969-022	SG	66	98	62-29.5N	177-02.0W
NW31969-023	SG	64	93	63-00.0N	177-00.0W
NW31969-024	KU	117	90	63-30.0N	177-01.0W
NW31969-025	KU	119	85	63-30.0N	176-00.0W
NW31969-026	KU	102	85	63-00.0N	176-00.0W
NW31969-027	KU	99	88	62-30.0N	176-00.0W
NW31969-028	KU	71	90	62-01.0N	175-58.0W
NW31969-029	SG	33	75	62-31.4N	175-00.0W
NW31969-030	SG	56	80	63-00.0N	175-00.0W
NW31969-031	KU	124	83	63-30.0N	175-00.0W
NW31969-032	PL		76	63-30.0N	174-00.0W
NW31969-033	KU	94	75	63-00.0N	174-02.0W
NW31969-035	PL	10	65	62-00.0N	174-00.0W
NW31969-036	KU	41	61	62-30.0N	173-00.0W
NW31969-037	KU	38	65	63-00.0N	173-00.0W
NW31969-038	SG	18	50	62-00.0N	171-00.0W

(27) USCGC NORTHWIND CRUISE 31968 PHASE III - 1962

NW31968-001	PL		23	63-31.5N	167-58.0W
NW31968-002	PL		29	66-30.0N	167-00.0W
NW31968-003	PL		26	67-00.0N	165-01.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW31968-004	PL		24	66-59.0N	165-58.0W
NW31968-005	PL		41	67-32.5N	166-04.0W
NW31968-006	SG	8	41	69-08.5N	179-02.5W
NW31968-007	PL		44	69-34.0N	178-39.0W
NW31968-008	PL		46	69-59.0N	178-00.0W
NW31968-009	PL		44	70-01.0N	180-00.0W
NW31968-010	PL		41	69-51.0N	177-52.0E
NW31968-011	PL		37	70-10.0N	174-30.0E
NW31968-012	PL		29	70-22.0N	169-55.0E
NW31968-013	PL		23	70-43.0N	169-57.0E
NW31968-014	PL		36	71-02.0N	170-02.0E
NW31968-015	PL		38	71-30.0N	170-00.0E
NW31968-016	PL		40	70-34.0N	174-33.0E
NW31968-017	PL		44	69-52.0N	177-59.0E
NW31968-018	PL		49	70-14.5N	178-00.0E
NW31968-019	PL		32	71-05.0N	177-38.0E
NW31968-020	PL		31	71-15.0N	177-44.0E
NW31968-021	PL		30	71-30.8N	177-47.5E
NW31968-022	PL		34	71-45.0N	177-49.0E
NW31968-023	PL		37	72-00.0N	178-03.0E
NW31968-024	PL		47	72-03.0N	178-28.0W
NW31968-025	PL		69	72-00.5N	176-01.2W
NW31968-026	PL		26	71-32.3N	176-33.0W
NW31968-027	PL		32	71-16.0N	176-35.0W
NW31968-028	PL		38	70-59.0N	176-49.0W
NW31968-029	PL		42	70-45.0N	177-08.0W
NW31968-030	PL		48	70-30.0N	177-30.0W
NW31968-031	PL		48	70-14.8N	177-46.0W
NW31968-032	PL		53	70-00.0N	176-02.0W
NW31968-033	PL		41	71-00.0N	174-00.0W
NW31968-034	PL		56	72-00.0N	172-00.0W
NW31968-035	PL		50	72-05.0N	168-01.0W
NW31968-036	PL		47	72-07.0N	166-00.0W
NW31968-037	PL		40	72-08.0N	164-03.0W
NW31968-038	PL		29	72-00.0N	161-59.0W
NW31968-039	PL		41	72-00.0N	159-57.0W
NW31968-040	PL		69	72-00.0N	158-12.0W
NW31968-041	PL		61	71-57.0N	156-07.0W
NW31968-042	PL		73	71-00.0N	160-00.0W
NW31968-043	PL		44	71-00.0N	162-00.0W
NW31968-044	PL		44	71-00.0N	163-58.0W
NW31968-045	PL		41	70-58.0N	166-08.5W
NW31968-046	PL		45	71-00.0N	168-05.0W
NW31968-047	PL		50	71-30.0N	169-31.0W
NW31968-048	PL		40	71-00.0N	170-47.0W
NW31968-049	PL		32	70-29.0N	172-08.0W
NW31968-050	PL		47	70-00.0N	173-26.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW31968-051	PL		44	69-30.0N	174-40.0W
NW31968-052	PL		31	70-01.0N	172-17.0W
NW31968-053	PL		47	70-03.0N	167-57.0W
NW31968-054	PL		44	70-03.0N	166-00.0W
NW31968-055	PL		29	70-04.0N	164-00.0W
NW31968-056	PL		46	69-00.0N	167-00.0W
NW31968-057	PL		49	69-00.0N	168-00.0W
NW31968-058	PL		53	69-00.0N	168-58.0W
NW31968-059	PL		53	69-00.0N	170-06.0W
NW31968-060	SG	28	50	69-00.0N	174-00.0W
NW31968-061	SG	40	50	69-01.0N	175-04.0W
NW31968-062	SG	44	50	69-00.0N	176-00.0W
NW31968-063	PL		50	68-31.0N	176-00.0W
NW31968-064	PL		50	68-30.0N	175-01.0W
NW31968-065	PL			68-57.5N	178-26.0W
NW31968-066	PL			68-30.0N	177-00.0W
NW31968-067	SG	29	48	68-30.0N	174-00.0W
NW31968-068	SG	34	50	68-30.0N	173-00.0W
NW31968-069	SG	34	52	68-30.0N	172-00.0W
NW31968-070	SG	38	54	68-30.0N	170-59.0W
NW31968-071	SG	26	56	68-32.0N	169-59.0W
NW31968-072	SG	30	56	68-29.0N	169-01.0W
NW31968-073	PL		53	68-29.8N	168-01.0W
NW31968-073	SG		53	68-29.8N	168-01.0W
NW31968-074	PL		30	68-30.0N	167-01.0W
NW31968-075	PL		53	67-59.2N	166-46.0W
NW31968-075	SG		53	67-59.2N	166-46.0W
NW31968-076	PL		55	68-00.0N	167-58.0W
NW31968-076	SG		55	68-00.0N	167-58.0W
NW31968-077	SG	26	54	68-01.0N	169-02.0W
NW31968-078	SG	30	53	68-02.0N	170-00.0W
NW31968-079	SG	26	50	68-02.0N	171-00.0W
NW31968-080	SG	15	47	68-02.0N	172-04.0W
NW31968-081	SG	35	47	68-02.0N	173-08.0W
NW31968-082	SG	17	47	68-02.0N	174-08.0W
NW31968-083	PL		43	68-00.0N	175-00.0W
NW31968-084	PL		35	67-31.2N	173-55.0W
NW31968-085	PL		47	67-30.0N	173-00.0W
NW31968-086	PL		47	67-30.0N	172-07.0W
NW31968-087	PL		47	67-30.0N	171-00.0W
NW31968-088	PL		47	67-30.5N	169-58.5W
NW31968-089	PL		48	67-31.0N	169-00.2W
NW31968-090	PL		45	67-30.0N	168-00.0W
NW31968-091	PL		40	67-30.0N	165-57.0W
NW31968-092	PL		26	66-59.0N	165-55.0W
NW31968-093	PL		38	67-00.0N	167-07.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
(28) USCGC NORTHWIND - 1963					
NW-1963-001	PL		36	65-36.0N	169-50.0W
NW-1963-002	PL		43	65-29.3N	169-21.5W
NW-1963-003	PL		55	65-26.0N	168-53.0W
NW-1963-004	PL		57	65-23.5N	168-27.5W
NW-1963-005	PL		49	65-59.6N	168-27.3W
NW-1963-006	PL		47	66-01.4N	168-42.5W
NW-1963-007	PL		47	66-05.4N	169-02.0W
NW-1963-008	PL		49	66-29.0N	169-49.0W
NW-1963-009	PL		45	66-40.5N	169-26.0W
NW-1963-010	PL		47	67-01.0N	168-35.0W
NW-1963-011	PL		49	67-04.0N	169-53.0W
NW-1963-012	PL		51	67-06.5N	171-11.0W
NW-1963-013	PL		47	67-18.5N	170-46.5W
NW-1963-014	SG	63	48	67-28.0N	170-22.0W
NW-1963-015	SG	67	49	67-40.0N	169-50.0W
NW-1963-016	SG	113	51	67-50.0N	169-24.0W
NW-1963-017	SG	71	55	68-16.5N	170-24.0W
NW-1963-018	SG	116	55	68-36.0N	171-36.0W
NW-1963-019	SG	92	49	68-08.0N	172-24.0W
NW-1963-020	SG	83	49	67-49.0N	173-02.0W
NW-1963-021	SG	35	47	67-35.0N	173-24.5W
NW-1963-022	PL		25	67-22.0N	173-55.0W
NW-1963-023	PL		38	68-10.5N	176-00.0W
NW-1963-024	PL		51	68-26.0N	175-23.0W
NW-1963-025	SG	88	51	68-43.0N	174-50.0W
NW-1963-026	SG	99	51	68-55.8N	174-15.0W
NW-1963-027	SG	105	52	69-09.0N	173-47.0W
NW-1963-028	SG	113	54	69-25.0N	173-15.0W
NW-1963-029	SG	119	52	69-53.5N	174-26.5W
NW-1963-030	SG	78	66	70-19.0N	175-30.0W
NW-1963-031	SG	86	57	70-04.0N	176-10.0W
NW-1963-032	SG	112	53	69-48.0N	176-39.0W
NW-1963-033	SG	85	51	69-30.3N	177-09.0W
NW-1963-034	PL		48	69-19.2N	177-35.0W
NW-1963-034	SG	18	48	69-19.2N	177-35.0W
NW-1963-035	PL		46	69-00.0N	178-30.0W
NW-1963-036	PL		47	69-31.5N	179-30.0E
NW-1963-037	SG	17	50	69-45.0N	179-48.0E
NW-1963-038	SG	19	48	69-58.8N	179-53.3E
NW-1963-039	SG	41	44	70-10.5N	179-34.0W
NW-1963-040	SG	47	40	70-26.0N	179-15.0W
NW-1963-041	SG	57	39	70-38.0N	179-00.0W
NW-1963-042	SG	111	54	69-38.0N	171-00.0W
NW-1963-043	SG	120	54	69-11.0N	171-00.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW-1963-044	SG	78	53	69-12.0N	172-00.0W
NW-1963-045	PL		40	70-09.0N	175-00.0E
NW-1963-046	SG	62	45	70-27.0N	175-00.0E
NW-1963-047	PL		42	70-40.0N	175-00.0E
NW-1963-048	SG	89	39	70-55.0N	175-00.0E
NW-1963-049	SG	70	39	71-10.0N	175-00.0W
NW-1963-050	SG	98	41	71-25.0N	174-57.0E
NW-1963-051	SG	78	46	71-34.0N	170-00.0E
NW-1963-052	SG	116	51	71-23.0N	168-59.5E
NW-1963-053	SG	87	38	71-10.0N	170-00.0E
NW-1963-054	SG	38	30	70-43.0N	170-00.0E
NW-1963-055	PL		30	70-21.0N	170-00.0E
NW-1963-056	SG	63	26	69-50.0N	165-01.0E
NW-1963-057	SG	67	24	70-05.5N	165-00.0E
NW-1963-058	PL		17	70-20.2N	165-00.0E
NW-1963-059	SG	8	19	70-35.0N	164-51.0E
NW-1963-060	SG	25	24	70-50.0N	165-04.0E
NW-1963-061	PL		25	71-04.0N	165-02.0E
NW-1963-062	SG	8	25	71-20.0N	165-00.0E
NW-1963-063	PL		24	71-35.0N	165-00.0E
NW-1963-064	SG	40	10	71-10.0N	159-57.0E
NW-1963-065	SG	17	19	71-24.9N	160-01.0E
NW-1963-066	PL		18	71-40.0N	160-00.0E
NW-1963-067	SG	13	23	71-55.3N	160-02.0E
NW-1963-068	PL		23	72-10.0N	160-00.0E
NW-1963-069	PL		24	72-24.0N	160-01.0E
NW-1963-070	PL		25	72-40.0N	160-07.0E
NW-1963-071	PL		27	72-56.0N	160-15.0E
NW-1963-072	PL		22	72-24.0N	158-15.0E
NW-1963-073	SG	8	13	71-33.0N	154-58.0E
NW-1963-074	SG	15	17	71-45.0N	155-02.0E
NW-1963-075	SG	25	19	71-59.0N	155-08.0E
NW-1963-076	SG	15	18	72-12.0N	155-12.0E
NW-1963-077	SG	52	21	72-24.0N	155-14.0E
NW-1963-078	SG	66	25	72-38.0N	155-18.0E
NW-1963-079	SG	103	31	72-50.0N	155-20.0E
NW-1963-080		108	34	73-04.0N	155-22.0E
NW-1963-081	SG	107	35	73-15.0N	155-24.0E
NW-1963-082	SG	85	37	73-28.0N	155-24.0E
NW-1963-083	SG	129	36	73-42.0N	155-24.0E
NW-1963-084	SG	141	39	73-58.0N	155-24.0E
NW-1963-085	SG	8	16	73-50.0N	149-50.0E
NW-1963-086			15	73-35.0N	149-40.0E
NW-1963-087	SG	8	16	73-20.0N	149-40.0E
NW-1963-088	SG	13	15	73-02.0N	149-38.0E
NW-1963-089			15	72-50.0N	149-38.0E

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW-1963-090	SG	17	10	72-35.0N	149-30.0E
NW-1963-091	SG	15	16	73-58.0N	148-05.0E
NW-1963-092	SG	8	15	74-08.0N	146-40.0E
NW-1963-093	PL		14	74-08.0N	145-20.0E
NW-1963-094	SG	14	17	74-19.5N	143-44.0E
NW-1963-095	SG	16	16	74-26.5N	142-43.0E
NW-1963-096	PL		21	74-32.5N	141-28.0E
NW-1963-097			28	74-30.0N	140-26.0E
NW-1963-098	SG	10	21	74-19.0N	138-58.0E
NW-1963-099	SG	30	20	74-30.0N	138-00.0E
NW-1963-100	SG	31	19	74-15.0N	138-03.0E
NW-1963-101	SG	97	21	74-00.0N	138-02.0E
NW-1963-102	SG	75	21	73-45.0N	138-00.0E
NW-1963-103	SG	97	22	73-30.0N	138-00.0E
NW-1963-104	SG	104	23	73-14.0N	137-54.0E
NW-1963-105	SG	109	22	73-00.0N	137-50.0E
NW-1963-106	SG	96	24	72-45.0N	137-46.0E
NW-1963-107	SG	89	24	72-30.0N	137-40.0E
NW-1963-108	PL		17	72-16.0N	137-36.0E
NW-1963-109			17	72-10.0N	137-00.0E
NW-1963-110			16	72-05.0N	136-00.0E
NW-1963-111	PL		16	72-00.0N	134-30.0E
NW-1963-112			21	72-15.0N	134-25.0E
NW-1963-113			22	72-30.0N	134-16.0E
NW-1963-114	SG	82	17	72-45.0N	134-15.0E
NW-1963-115			17	73-00.0N	134-10.0E
NW-1963-116	PL		14	73-15.0N	134-05.0E
NW-1963-117			16	73-30.0N	133-59.0E
NW-1963-118			16	73-45.0N	133-53.0E
NW-1963-119	PL		16	72-48.0N	133-00.0E
NW-1963-119	SG	75	16	72-48.0N	133-00.0E
NW-1963-120	SG	11	16	72-24.0N	132-13.0E
NW-1963-121	SG	91	17	71-59.0N	131-16.0E
NW-1963-122	SG	75	15	71-30.0N	130-55.0E
NW-1963-123	SG	73	16	71-45.0N	130-52.0E
NW-1963-124	SG	20		72-00.0N	130-47.0E
NW-1963-125	SG	56	17	72-15.0N	131-00.0E
NW-1963-126	SG	65	18	72-31.0N	131-16.0E
NW-1963-127	SG	39	25	72-46.0N	131-07.0E
NW-1963-128	SG	96	24	73-02.0N	131-10.0E
NW-1963-129	SG	96	24	73-18.0N	131-14.0E
NW-1963-130	SG	87	25	73-34.0N	131-25.0E
NW-1963-131	SG	10	20	73-50.0N	131-35.0E
NW-1963-132	PL		14	74-08.0N	131-47.0E
NW-1963-133	SG	10	20	74-32.0N	134-45.0E
NW-1963-134	SG	45	22	74-46.0N	134-29.0E
NW-1963-135	PL		21	75-00.0N	134-30.0E

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW-1963-136	SG		29	75-15.0N	134-30.0E
NW-1963-137	SG	123	37	75-28.5N	134-37.0E
NW-1963-138	SG	123	38	75-45.5N	134-30.0E
NW-1963-139	SG	105	36	76-01.0N	134-33.0E
NW-1963-140	SG	10	28	76-25.0N	134-47.0E
NW-1963-141	SG		37	76-25.0N	133-30.0E
NW-1963-142	SG	123	54	76-42.0N	131-35.0E
NW-1963-143	SG	37	56	76-26.0N	129-53.0E
NW-1963-144	SG	69	53	76-02.0N	129-52.0E
NW-1963-145	SG	57	47	75-47.5N	129-52.0E
NW-1963-146	SG	55	44	75-34.0N	129-49.0E
NW-1963-147	SG	105	42	75-20.0N	129-47.0E
NW-1963-148	SG	111	40	75-04.5N	129-47.0E
NW-1963-149	SG	220	34	74-47.5N	129-46.0E
NW-1963-150	PL		18	74-32.5N	129-45.0E
NW-1963-151	SG	78	34	74-32.0N	128-23.0E
NW-1963-152	SG	51	35	74-32.0N	127-05.0E
NW-1963-153	SG	18	33	74-31.5N	125-56.0E
NW-1963-154	PL		18	74-23.0N	124-24.0E
NW-1963-155	SG	19	28	74-39.0N	124-23.0E
NW-1963-156	SG	81	44	74-55.0N	124-22.0E
NW-1963-157	SG	21	41	75-11.0N	124-20.0E
NW-1963-158	SG	14	42	75-26.0N	124-25.0E
NW-1963-159				- . N	- . E
NW-1963-160	SG	38	50	75-43.0N	124-22.0E
NW-1963-161	SG	13	47	76-02.0N	125-58.0E
NW-1963-162	SG	22	51	76-17.0N	125-58.0E
NW-1963-163	SG	19	57	76-34.0N	125-53.0E
NW-1963-164	SG	45	56	75-28.0N	122-14.0E
NW-1963-165	SG	69	53	75-45.0N	120-00.0E
NW-1963-166	SG	18	45	75-30.0N	120-00.0E
NW-1963-167	PL		31	75-19.0N	119-45.0E
NW-1963-168	PL		31	75-06.0N	119-10.0E
NW-1963-169	PL		19	74-46.0N	119-33.0E
NW-1963-170	PL		11	73-52.0N	119-00.0E
NW-1963-171	PL		14	74-02.0N	118-58.0E
NW-1963-172	PL		16	74-15.0N	118-54.0E
NW-1963-173	PL		18	74-31.0N	118-48.0E
NW-1963-174	PL		20	74-35.0N	117-10.0E
NW-1963-175	PL		21	74-38.0N	166-00.0E
NW-1963-176	PL		34	74-00.0N	115-00.0E
NW-1963-177	PL		20	74-15.0N	114-57.0E
NW-1963-178	PL		30	74-29.5N	114-55.0E
NW-1963-179	PL		31	74-46.0N	114-47.0E
NW-1963-180	PL		33	75-04.0N	115-01.0E
NW-1963-181	PL		15	74-20.0N	122-00.0E

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NW-1963-182	PL		19	74-40.0N	122-00.0E
NW-1963-183	PL		27	74-59.0N	122-00.0E
NW-1963-184	SG	69	400	74-50.0N	231-60.0E
NW-1963-185	SG	109	52	74-59.0N	124-09.0E
NW-1963-186	SG	91	41	74-57.0N	125-05.0E
NW-1963-187	PL		33	74-57.0N	126-02.0E
NW-1963-188	SG	113	38	4-56.0N	127-18.0E
NW-1963-189	SG	28	34	74-45.5N	127-18.0E
NW-1963-190	PL		32	74-31.0N	127-18.0E
NW-1963-191	SG	61	34	74-15.5N	127-18.0E
NW-1963-192	SG	102	30	74-02.0N	127-18.0E
NW-1963-193	SG	117	25	73-56.0N	128-17.0E
NW-1963-194	PL		14	73-50.0N	129-20.0E
NW-1963-195	PL		15	73-36.0N	129-43.0E
NW-1963-196	SG	103	26	73-26.0N	130-30.0E
NW-1963-197	SG	31	13	71-39.0N	157-00.0E
NW-1963-198	PL		13	71-32.0N	157-58.0E
NW-1963-199	PL		16	71-26.0N	159-02.0E
NW-1963-200	PL		25	70-24.5N	166-55.0E
NW-1963-201	PL		37	70-23.0N	168-32.0E

(29) USS STATEN ISLAND CRUISE 689 - 1961

SI--689-001	SG	41	1353	76-15.0N	167-00.0W
SI--689-002	PL		35	70-43.0N	170-45.0W
SI--689-003	PL		29	70-47.0N	169-30.0W
SI--689-004	PL		27	70-48.0N	168-45.0W
SI--689-005	SG	51	38	70-46.0N	167-39.0W
SI--689-006	PL		38	70-46.0N	167-39.0W
SI--689-007	SG	25	33	70-46.0N	166-30.0W
SI--689-008	PL		29	70-45.0N	165-30.0W
SI--689-009	SG	41	29	70-45.0N	165-30.0W
SI--689-010	SG	48	22	70-44.0N	164-30.0W
SI--689-011	SG	43	40	70-43.0N	163-30.0W
SI--689-012	SG		27	70-42.0N	162-32.0W
SI--689-013	PL		27	70-44.0N	161-30.0W
SI--689-014	PL		33	70-45.0N	160-30.0W
SI--689-015	PL		35	71-15.0N	160-30.0W
SI--689-016	SG	71	35	71-15.0N	160-30.0W
SI--689-017	PL		40	71-15.0N	159-30.0W
SI--689-018	SG	41	40	71-15.0N	159-30.0W
SI--689-019	PL		101	71-18.0N	158-30.0W
SI--689-020	PL		62	71-17.0N	157-31.0W
SI--689-021	SG	20	62	71-17.0N	157-31.0W
SI--689-022	SG	74	73	71-45.0N	156-30.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
SI--689-023	SG		26	70-13.0N	169-36.0W
SI--689-024	SG	20	29	70-13.0N	168-40.0W
SI--689-025	PL		35	70-14.0N	167-33.0W
SI--689-026	SG	25	35	70-14.0N	167-33.0W
SI--689-027	PL		33	70-15.0N	166-36.0W
SI--689-028	SG	20	33	70-15.0N	166-36.0W
SI--689-029	PL		31	70-15.0N	165-30.0W
SI--689-030	SG	51	31	70-15.0N	165-30.0W
SI--689-031	PL		27	70-14.0N	164-28.0W
SI--689-032	PL		11	69-45.0N	163-32.0W
SI--689-033	PL		18	69-46.0N	164-27.0W
SI--689-034	SG	38	33	69-48.0N	165-30.0W
SI--689-035	PL		33	69-48.0N	165-30.0W
SI--689-036	SG	46	40	69-45.0N	166-29.0W
SI--689-037	SG	18	35	69-45.0N	167-30.0W
SI--689-038	PL		40	69-47.0N	168-28.0W
SI--689-039	SG	38	40	69-47.0N	168-28.0W
SI--689-040	SG	28	38	69-46.0N	169-20.0W
SI--689-041	PL		38	69-46.0N	169-20.0W
SI--689-042	SG	51	49	69-15.0N	169-22.0W
SI--689-043	PL		49	69-15.0N	169-22.0W
SI--689-044	PL		46	69-14.0N	168-27.0W
SI--689-045	SG	56	46	69-14.0N	168-27.0W
SI--689-046	SG	30	42	69-16.0N	167-28.0W
SI--689-047	SG	33	35	69-16.0N	166-28.0W
SI--689-048	PL		20	69-15.0N	165-33.0W
SI--689-049	PL		16	69-15.0N	164-30.0W
SI--689-050	PL		13	69-15.0N	163-40.0W
SI--689-051	PL		24	68-46.0N	166-30.0W
SI--689-052	PL		37	68-44.0N	167-30.0W
SI--689-053	SG	56	37	68-44.0N	167-30.0W
SI--689-054	SG	79	42	68-47.0N	168-29.0W
SI--689-055	SG	64	46	68-44.0N	169-30.0W
SI--689-056	SG	58	55	68-16.0N	169-30.0W
SI--689-057	PL		55	68-17.0N	168-32.0W
SI--689-058	PL		42	68-12.0N	167-42.0W
SI--689-059	PL		7	68-15.0N	166-30.0W
SI--689-060	PL		13	67-43.0N	164-46.0W
SI--689-061	SG	36	46	67-45.0N	166-29.0W
SI--689-062	SG	51	42	67-45.0N	167-30.0W
SI--689-063	SG	53	40	67-38.0N	168-30.0W
SI--689-064	SG	33	35	67-13.0N	168-32.0W
SI--689-065	SG	38	29	67-11.0N	167-27.0W
SI--689-066	SG	36	40	67-09.0N	166-30.0W
SI--689-067	SG	33	31	67-07.0N	165-32.0W
SI--689-068	SG	18	20	67-15.0N	164-30.0W
SI--689-069	SG	13	15	66-45.0N	164-28.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
SI--689-070	PL		15	66-45.0N	164-28.0W
SI--689-071	PL		15	66-45.0N	165-29.0W
SI--689-072	PL		15	66-45.0N	165-29.0W
SI--689-073	PL		15	66-45.0N	166-30.0W
SI--689-074	PL		7	66-15.0N	166-30.0W
SI--689-075	PL		15	66-13.5N	167-28.0W
SI--689-076	SG	18	22	66-45.0N	167-32.0W
SI--689-077	SG	15	29	66-41.0N	168-23.0W
SI--689-078	SG	8	48	66-15.0N	168-30.0W
SI--689-079	PL		48	66-14.0N	168-30.0W
SI--689-080	PL		46	65-46.0N	168-46.0W
SI--689-081	SG	13	46	65-46.0N	168-46.0W
SI--689-082	PL		49	65-42.0N	168-37.0W
SI--689-083	PL		46	65-41.0N	168-26.0W
SI--689-084	SG	23	37	65-39.0N	168-15.0W

(30) USS BURTON ISLAND CRUISE 667 - 1960

BI--667-001	VV		37	70-40.5N	162-07.0W
BI--667-002	VV		36	71-51.0N	160-25.0W
BI--667-003	VV		44	71-40.0N	161-10.0W
BI--667-004	VV		25	70-15.6N	146-00.0W
BI--667-005			110	70-50.0N	146-00.0W
BI--667-006			1600	70-46.1N	140-13.7W
BI--667-007	PL		58	70-30.0N	143-32.0W
BI--667-008	PL		33	70-57.3N	148-54.7W
BI--667-009	PL		22	71-17.0N	156-47.0W
BI--667-010	PL		116	73-43.3N	126-40.8W
BI--667-011	PL		374	73-40.0N	126-10.0W
BI--667-012	PL		400	74-20.0N	127-30.0W
BI--667-013	PL		3300	74-52.0N	134-49.0W
BI--667-014	PL		180	72-43.3N	127-29.0W
BI--667-015	PL		48	69-59.0N	140-13.5W
BI--667-016	PL		25	71-07.7N	151-15.0W
BI--667-019	PL		44	70-34.3N	164-01.4W
BI--667-020	PL		39	70-54.6N	165-02.7W
BI--667-022	PL		38	69-57.6N	164-49.0W
BI--667-023	PL		51	65-48.6N	168-34.0W
BI--667-024	PL		22	62-59.6N	167-57.5W

(31) USS BURTON ISLAND CRUISE PG-010 - 1964

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BIPG010-001	SG	30	42	69-58.0N	177-29.0E
BIPG010-001	SG	30	421	69-58.0N	177-29.0W
BIPG010-002	PL		51	66-03.0N	169-06.0W
BIPG010-002	SG		51	66-03.0N	169-06.0E
BIPG010-003	SG	79	20	72-24.0N	154-40.0E
BIPG010-004	SG	130	35	73-18.2N	154-40.0E
BIPG010-005	PL		26	74-08.7N	157-42.0E
BIPG010-006	PL		27	74-21.0N	157-30.0E
BIPG010-007	PL		49	74-37.0N	157-30.0E
BIPG010-008	PL		40	74-53.0N	157-30.0E
BIPG010-009	PL		42	74-56.0N	160-00.0E
BIPG010-010	SG	79	46	74-37.0N	160-00.0E
BIPG010-011	SG	135	42	74-21.0N	160-00.0E
BIPG010-012	SG	38	38	73-48.0N	150-30.0E
BIPG010-013	PL		18	73-31.0N	157-30.0E
BIPG010-014	PL		19	73-20.0N	157-56.0E
BIPG010-015	SG	33	21	72-56.0N	157-30.0E
BIPG010-016	SG	28	23	72-39.0N	157-30.0E
BIPG010-018	SG	30	19	72-05.0N	157-40.0E
BIPG010-019	SG	79	17	69-57.5N	163-14.2E
BIPG010-020	PL		25	72-08.0N	165-00.0E
BIPG010-022	PL		23	71-50.0N	165-00.0E
BIPG010-022	PL		23	71-36.0N	165-00.0E
BIPG010-023	SG	23	20	71-20.0N	165-00.0E
BIPG010-024	PL		20	71-06.0N	165-00.0E
BIPG010-025	SG	25	17	70-50.0N	165-00.0E
BIPG010-026	SG	23	28	73-15.0N	167-30.0E
BIPG010-027	PL		26	71-56.0N	167-30.0E
BIPG010-028	PL		26	71-37.0N	167-30.0E
BIPG010-029	PL		23	71-16.0N	167-30.0E
BIPG010-030	PL		26	70-57.0N	167-30.0E
BIPG010-031	SG	66	274	70-38.0N	167-30.0E
BIPG010-032	SG	28	27	70-20.0N	167-30.0E
BIPG010-033	SG	91	27	69-51.0N	165-00.0E
BIPG010-034	SG	104	23	70-03.0N	165-00.0E
BIPG010-035	PL		34	70-20.0N	170-00.0E
BIPG010-036	SG	46	29	70-39.0N	170-00.0E
BIPG010-037	SG	30	33	70-57.0N	170-00.0E
BIPG010-038	SG	135	48	71-16.0N	170-00.0E
BIPG010-039	SG	69	35	71-35.0N	170-00.0E
BIPG010-040	SG	122	44	71-33.0N	172-30.0E
BIPG010-041	SG	61	42	71-14.0N	172-30.0E
BIPG010-042	SG	33	33	70-55.0N	172-30.0E
BIPG010-043	PL		33	70-37.0N	172-30.0E
BIPG010-044	SG	33	37	70-19.0N	172-30.0E
BIPG010-045	PL		37	70-09.0N	175-00.0E
BIPG010-046	SG	99	46	70-27.0N	175-00.0E

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
BIPG010-047	SG	86	40	70-40.0N	175-00.0E
BIPG010-048	SG	71	38	70-40.0N	175-00.0E
BIPG010-049	SG	53	35	71-10.0N	175-00.0E
BIPG010-050	SG	41	44	71-25.0N	175-00.0E
BIPG010-051	SG	33	35	71-28.0N	177-30.0E
BIPG010-052	SG	46	35	71-07.0N	177-30.0E
BIPG010-053	SG	79	42	70-46.0N	177-30.0E
BIPG010-054	PL		51	70-27.0N	177-30.0E
BIPG010-055	SG	132	49	70-00.0N	177-30.0E
BIPG010-056	SG	46	17	69-57.5N	163-14.2E
BIPG010-057	SG	38	17	70-06.0N	163-30.0E
BIPG010-058	PL		15	70-28.0N	163-30.0E
BIPG010-059	SG	30	15	70-47.0N	163-30.0E
BIPG010-060	PL		15	71-07.0N	163-30.0E
BIPG010-061	PL		18	71-27.0N	163-30.0E
BIPG010-062	SG	36	20	71-48.0N	163-30.0E

(32) ONAR CRUISE 57 - 1965

OA--057-001	PC	108	439	48-26.5N	124-34.8W
OA--057-002	PC	21	439	48-26.8N	124-37.7W
OA--057-003	PC	61	448	48-25.4N	124-29.7W
OA--057-004	PC	112	411	48-23.6N	124-26.5W
OA--057-005	SG	122	421	48-25.5N	124-24.7W
OA--057-006	SG	146	366	48-26.9N	124-23.8W
OA--057-007	SG	59	366	48-28.8N	124-27.0W
OA--057-008	HC		393	48-27.0N	124-28.5W
OA--057-009	SG	56	384	48-25.6N	124-19.9W
OA--057-010	SG	144	384	48-23.7N	124-21.0W
OA--057-011	SG	178	384	48-21.5N	124-22.3W
OA--057-012	SG	158	384	48-20.1N	124-19.4W
OA--057-013	SG	51	430	48-22.7N	124-17.4W
OA--057-014	SG	129	338	48-24.3N	124-16.3W
OA--057-015	SG	88	411	48-28.5N	124-32.9W
OA--057-016	SG	92	430	48-28.6N	124-36.8W
OA--057-017	SG	51	366	48-30.3N	124-36.4W
OA--057-018	SG	34	366	48-30.4N	124-32.4W
OA--057-019	SG	88	366	48-18.9N	124-14.8W
OA--057-020	SG	39	402	48-21.1N	124-13.7W
OA--057-021	SG	142	347	48-22.8N	124-11.7W
OA--057-022	SG	143	311	48-21.3N	124-08.4W
OA--057-023	SG	135	375	48-17.4N	124-10.9W
OA--057-024	HC		347	48-19.4N	124-09.4W
OA--057-025	VV		329	48-15.3N	124-07.7W
OA--057-026	VV		283	48-14.1N	124-03.3W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
OA--057-027	VV		219	48-13.4N	123-58.4W
OA--057-028	VV		183	48-12.9N	123-54.6W
OA--057-029	VV		155	48-12.0N	123-50.5W
OA--057-030	VV		238	48-12.3N	123-46.0W

(33) US BCF CHARTERED VESSEL TORDENSKJOLD CRUISE 2 - 1961

TO--002-001	DH		135	58-08.9N	136-45.0W
TO--002-002	DH		335	52-02.7N	136-44.5W
TO--002-003	DH		95	58-37.1N	137-56.5W
TO--002-004	DH		99	58-36.2N	137-58.5W
TO--002-005	DH		59	58-34.6N	137-39.6W
TO--002-006	DH		77	58-48.2N	138-12.8W
TO--002-007	DH		132	58-42.7N	138-26.5W
TO--002-008	DH		110	58-49.2N	138-31.2W
TO--002-009	DH		95	59-00.0N	138-31.0W
TO--002-010	DH		155	59-03.2N	138-45.7W
TO--002-011	DH		183	58-56.7N	138-44.1W
TO--002-012	DH		123	59-00.0N	138-58.7W
TO--002-013	DH		157	58-54.3N	139-00.6W
TO--002-014	DH		227	58-47.9N	139-02.7W
TO--002-015	DH		139	58-51.2N	138-44.7W
TO--002-016	DH		104	58-41.2N	138-44.1W
TO--002-017	DH		99	58-33.1N	138-44.2W
TO--002-018	DH		174	58-11.4N	136-58.6W
TO--002-019	DH		146	58-16.7N	137-02.0W
TO--002-020	DH		183	58-19.8N	137-15.4W
TO--002-021	DH		117	58-14.7N	137-10.5W
TO--002-022	DH		126	58-09.0N	137-09.7W
TO--002-023	DH		146	58-02.6N	137-12.5W
TO--002-024	DH		183	57-57.3N	137-12.5W
TO--002-025	DH		283	57-52.2N	137-16.4W
TO--002-026	DH		161	58-01.6N	137-27.5W
TO--002-027	DH		139	58-06.8N	137-28.3W
TO--002-028	DH		141	58-11.7N	137-29.2W
TO--002-029	DH		139	58-17.2N	137-28.8W
TO--002-030	DH		161	58-08.2N	137-44.6W
TO--002-031	DH		170	58-03.4N	137-46.8W
TO--002-032	DH		205	57-59.7N	137-45.6W
TO--002-033	DH		183	57-55.2N	137-27.2W
TO--002-034	DH		161	58-05.2N	138-00.3W
TO--002-035	DH		141	58-12.8N	138-02.6W
TO--002-036	DH		165	58-15.2N	137-43.1W
TO--002-037	DH		181	58-20.7N	137-36.6W
TO--002-038	DH		177	58-25.4N	137-43.8W
TO--002-039	DH		77	58-35.4N	137-46.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
TO--002-040	DH		121	58-31.3N	137-32.2W
TO--002-041	DH		185	58-24.7N	137-28.6W
TO--002-042	DH		143	58-30.4N	137-59.1W
TO--002-043	DH		154	58-25.8N	138-03.0W
TO--002-044	DH		134	58-17.9N	138-00.3W
TO--002-045	DH		143	58-16.7N	138-15.6W
TO--002-046	DH		155	58-08.7N	138-14.7W
TO--002-047	DH		421	58-00.2N	137-02.5W
TO--002-048	DH		256	58-06.7N	137-00.8W
TO--002-049	DH		132	58-22.4N	138-19.1W
TO--002-050	DH		124	58-26.9N	138-12.3W
TO--002-051	DH		135	58-33.0N	138-17.6W
TO--002-052	DH		113	58-38.9N	138-12.7W
TO--002-053	DH		121	58-38.2N	138-28.2W
TO--002-054	DH		113	58-33.1N	138-30.0W
TO--002-055	DH		128	58-25.8N	138-28.5W
TO--002-056	DH		198	58-06.4N	138-28.3W
TO--002-057	DH		112	58-28.5N	139-01.2W
TO--002-058	DH		123	58-35.4N	139-00.0W
TO--002-059	DH		177	58-41.2N	139-02.0W
TO--002-060	DH		66	59-06.2N	139-00.0W
TO--002-061	DH		53	59-10.0N	138-59.0W
TO--002-062	DH		59	59-14.7N	139-12.8W
TO--002-063	DH		73	59-13.2N	139-16.6W
TO--002-064	DH		95	59-06.0N	139-14.1W
TO--002-065	DH		113	58-58.4N	139-13.2W
TO--002-066	DH		132	58-49.3N	139-13.8W
TO--002-067	DH		241	58-44.2N	139-13.1W
TO--002-068	DH		252	58-40.0N	139-17.3W
TO--002-069	DH		144	58-32.1N	139-13.4W
TO--002-070	DH		219	58-22.7N	139-14.4W
TO--002-071	DH		263	58-31.4N	139-30.5W
TO--002-072	DH		263	58-36.1N	139-33.2W
TO--002-073	DH		194	58-42.3N	139-29.8W
TO--002-074	DH		106	59-10.0N	138-59.0W
TO--002-075	DH		199	59-25.7N	139-59.7W
TO--002-076	DH		148	59-18.5N	139-58.0W
TO--002-077	DH		119	59-11.8N	140-01.4W
TO--002-078	DH		124	59-06.6N	139-58.7W
TO--002-079	DH		132	59-01.4N	140-00.0W
TO--002-080	DH		165	58-55.2N	140-02.2W
TO--002-081	DH		177	58-49.4N	140-05.1W
TO--002-082	DH		187	58-42.7N	140-02.2W
TO--002-083	DH		225	58-36.2N	140-02.0W
TO--002-084	DH		241	58-33.2N	139-58.8W
TO--002-085	DH		230	58-28.0N	139-45.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
TO--002-086	DH		205	58-33.5N	139-46.2W
TO--002-087	DH		190	58-36.7N	139-53.5W
TO--002-088	DH		176	58-45.7N	139-32.4W
TO--002-089	DH		159	58-48.1N	139-26.1W
TO--002-090	DH		132	58-54.9N	139-29.3W
TO--002-091	DH		117	59-00.3N	139-29.7W
TO--002-092	DH		115	59-05.8N	139-28.9W
TO--002-093	DH		113	59-12.3N	139-27.4W
TO--002-094	DH		110	59-18.5N	139-25.4W
TO--002-095	DH		174	59-22.2N	139-45.3W
TO--002-096	DH		161	59-15.8N	139-43.5W
TO--002-097	DH		113	59-10.0N	139-45.0W
TO--002-098	DH		121	59-04.2N	139-46.8W
TO--002-099	DH		134	58-56.4N	139-44.3W
TO--002-100	DH		159	58-51.9N	139-43.8W
TO--002-101	DH		181	58-51.2N	140-10.2W
TO--002-102	DH		157	58-59.3N	140-14.0W
TO--002-103	DH		130	59-02.9N	140-17.0W
TO--002-104	DH		128	59-18.9N	140-19.2W
TO--002-105	DH		130	59-17.9N	140-16.9W
TO--002-106	DH		172	59-22.0N	140-16.7W
TO--002-107	DH		241	59-27.7N	140-16.5W
TO--002-108	DH		271	59-30.6N	140-30.0W
TO--002-109	DH		146	59-25.0N	140-33.7W
TO--002-110	DH		135	59-18.0N	140-30.6W
TO--002-111	DH		135	59-12.1N	140-27.5W
TO--002-112	DH		152	59-05.9N	140-28.8W
TO--002-113	DH		168	59-00.3N	140-26.9W
TO--002-114	DH		185	58-54.0N	140-32.3W
TO--002-115	DH		192	58-53.7N	140-30.2W
TO--002-116	DH		198	58-44.0N	140-13.5W
TO--002-117	DH		227	58-40.6N	140-13.3W
TO--002-118	DH		216	58-38.0N	140-15.0W
TO--002-119	DH		201	58-45.3N	140-30.2W
TO--002-120	DH		212	58-46.7N	140-47.2W
TO--002-121	DH		210	58-47.8N	140-47.2W
TO--002-122	DH		190	58-53.4N	140-45.0W
TO--002-123	DH		188	58-58.7N	140-32.3W
TO--002-124	DH		179	59-03.7N	140-45.0W
TO--002-125	DH		159	59-09.2N	140-48.2W
TO--002-126	DH		150	59-16.9N	140-45.8W
TO--002-127	DH		150	59-23.2N	140-43.8W
TO--002-128	DH		210	59-28.3N	140-40.3W
TO--002-129	DH		256	59-34.1N	140-45.1W
TO--002-130	DH		40	59-41.8N	140-45.8W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
TO--002-131	DH		29	59-43.3N	141-00.7W
TO--002-132	DH		73	59-37.5N	141-02.0W
TO--002-133	DH		282	59-32.1N	140-58.0W
TO--002-134	DH		161	59-26.6N	140-58.8W
TO--002-135	DH		172	59-19.4N	140-51.0W
TO--002-136	DH		183	59-14.0N	141-01.8W
TO--002-137	DH		194	59-08.3N	141-02.8W
TO--002-138	DH		194	59-01.8N	141-01.7W
TO--002-139	DH		35	59-45.3N	141-10.2W
TO--002-140	DH		24	59-48.3N	141-26.7W
TO--002-141	DH		64	59-44.3N	141-31.0W
TO--002-142	DH		91	59-39.8N	141-30.0W
TO--002-143	DH		183	59-31.7N	141-21.0W
TO--002-144	DH		55	58-48.0N	138-01.0W
TO--002-145	DH		159	59-19.3N	140-55.5W
TO--002-146	DH		274	59-09.0N	141-10.7W
TO--002-147	DH		342	59-18.2N	141-15.0W
TO--002-148	DH		2149	59-20.6N	141-13.4W
TO--002-149	DH		336	59-27.2N	141-12.0W
TO--002-150	DH		188	59-30.3N	141-15.0W
TO--002-151	DH		176	59-30.0N	141-30.6W
TO--002-152	DH		198	59-23.3N	141-29.6W
TO--002-153	DH		333	59-15.7N	141-31.0W
TO--002-154	DH		201	59-17.5N	141-46.4W
TO--002-155	DH		192	59-21.6N	141-45.7W
TO--002-156	DH		185	59-27.5N	141-45.0W
TO--002-157	DH		159	59-33.0N	141-43.3W
TO--002-158	DH		121	59-40.1N	141-46.6W
TO--002-159	DH		88	59-44.6N	141-46.8W
TO--002-160	DH		35	59-40.6N	141-41.8W
TO--002-161	DH		48	59-54.8N	142-00.0W
TO--002-162	DH		93	59-48.0N	142-00.0W
TO--002-163	DH		113	59-48.6N	142-12.7W
TO--002-164	DH		146	59-46.8N	142-17.0W
TO--002-165	DH		161	59-41.8N	142-04.3W
TO--002-166	DH		174	59-36.8N	141-58.7W
TO--002-167	DH		183	59-31.6N	141-58.3W
TO--002-168	DH		219	59-22.8N	141-59.0W
TO--002-169	DH		185	59-33.3N	142-09.7W
TO--002-170	DH		219	59-38.8N	142-09.0W
TO--002-171	DH		176	59-42.8N	142-24.4W
TO--002-172	DH		77	59-56.6N	142-11.7W
TO--002-173	DH		97	59-54.0N	142-30.1W
TO--002-174	DH		75	60-00.3N	142-30.3W
TO--002-175	DH		154	59-41.3N	144-02.3W
TO--002-176	DH		119	59-47.2N	143-59.2W
TO--002-177	DH		93	59-53.2N	144-00.6W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
TO--002-178	DH		336	59-56.2N	143-44.1W
TO--002-179	DH		152	59-49.7N	143-44.3W
TO--002-180	DH		146	59-45.5N	143-46.0W
TO--002-181	DH		322	59-46.1N	143-26.8W
TO--002-182	DH		285	59-52.8N	143-28.3W
TO--002-183	DH		146	59-41.2N	144-29.5W
TO--002-184	DH		457	59-37.6N	144-16.0W
TO--002-185	DH		271	59-38.4N	144-09.3W
TO--002-186	DH		190	59-40.2N	144-16.5W
TO--002-187	DH		113	59-45.0N	144-16.0W
TO--002-188	DH		62	59-52.8N	144-13.4W
TO--002-189	DH		143	59-59.0N	143-18.2W
TO--002-190	DH		241	59-52.5N	143-16.7W
TO--002-191	DH		322	59-45.8N	143-16.6W
TO--002-192	DH		194	59-42.6N	142-56.7W
TO--002-193	DH		190	59-46.8N	142-57.2W
TO--002-194	DH		256	59-44.8N	142-47.8W
TO--002-195	DH		470	59-40.7N	142-42.7W
TO--002-196	DH		165	59-46.2N	142-27.5W
TO--002-197	DH		124	59-58.3N	142-46.7W
TO--002-198	DH		135	60-00.7N	142-58.7W
TO--002-199	DH		188	59-50.9N	142-45.0W
TO--002-200	DH		146	59-53.2N	142-58.8W
TO--002-201	DH		146	59-11.6N	150-29.8W
TO--002-202	DH		121	59-02.0N	150-34.0W
TO--002-203	DH		137	58-54.5N	150-31.6W
TO--002-204	DH		187	58-48.3N	150-31.5W
TO--002-205	DH		192	58-40.5N	150-27.3W
TO--002-206	DH		168	58-35.0N	150-26.0W
TO--002-207	DH		88	58-30.2N	150-26.0W

(34) USCGS SURVEYOR CRUISE OPR 441 - 1962

SU--441-001	EQ1	2	2140	47-53.4N	126-30.3W
SU--441-001	EQ2	116	2114	47-55.0N	126-28.5W
SU--441-001	SG1	66	2140	47-53.4N	126-30.3W
SU--441-001	SG2	25	2114	47-55.0N	126-28.5W
SU--441-002	EQ	188	2597	47-40.5N	127-59.6W
SU--441-002	MS	106	2597	47-38.8N	127-58.0W
SU--441-002	SG	43	2597	47-40.5N	127-59.6W
SU--441-003	EQ	786	2577	46-21.2N	126-07.5W
SU--441-003	MS	281	2580	46-20.0N	126-07.6W
SU--441-003	SG	71	2577	46-21.2N	126-07.6W
SU--441-004	EQ	251	2787	45-59.9N	127-58.5W
SU--441-004	MS	35	2789	45-59.1N	127-57.4W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
SU--441-004	SG	287	2787	45-59.9N	127-58.5W
SU--441-005	EC	297	2877	44-29.6N	125-58.9W
SU--441-005	MS	170	2880	44-26.8N	125-59.7W
SU--441-005	SG	71	2877	44-29.6N	125-58.9W

(35) USCGS SURVEYOR CRUISE OPR 421 - 1963

SU--421-004	PC	450	5490	24-56.0N	176-58.0W
SU--421-005	PC	480	5229	30-06.0N	179-49.0W
SU--421-008	PC	520	4109	35-14.0N	179-59.0W
SU--421-011	PC	560	5000	39-55.0N	179-58.0W
SU--421-013	PC	560	5508	45-01.0N	179-57.0W
SU--421-018	PC	440	5450	50-00.0N	179-57.0W
SU--421-019	PC	170	6361	50-13.0N	179-56.0W

(36) USCGS SURVEYOR CRUISE OPR 394 - 1964

SU--394-001	PC	523	2820	45-06.0N	129-06.0W
SU--394-001	SG	30	2820	45-06.0N	129-06.0W
SU--394-002	PC	594	3391	51-59.0N	135-02.0W
SU--394-002	SG	68	3391	51-59.0N	135-02.0W
SU--394-003	PC	348	3098	55-00.0N	138-36.0W
SU--394-003	SG	68	3098	55-00.0N	138-36.0W

(37) USS EDISTO - 1963

ED-1963-001	KU	25	475	67-30.0N	18-50.0W
ED-1963-002	KU	114	276	67-00.0N	17-30.0W
ED-1963-003	KU	30	181	67-00.0N	15-00.0W
ED-1963-004	KU	135	1463	67-00.0N	12-30.0W
ED-1963-005	KU	150	1463	67-09.0N	9-50.0W
ED-1963-006	KU	145	1920	68-00.0N	9-51.3W
ED-1963-007	KU	140	1792	68-00.0N	7-30.0W
ED-1963-008	KU	114	1920	67-00.0N	7-30.0W
ED-1963-009	KU	142	3612	68-00.0N	5-00.0W
ED-1963-010	KU	86	3100	68-34.0N	1-26.0W
ED-1963-011	KU	107	3018	68-00.0N	0-00.0W
ED-1963-012	KU	99	3018	69-00.0N	0-00.0W
ED-1963-013	KU	119	3018	69-00.0N	2-30.0W
ED-1963-014	KU	140		69-00.0N	5-00.0W
ED-1963-015	KU	104	2560	69-00.0N	7-30.0W
ED-1963-016	KU	155	786	69-30.0N	8-30.0W
ED-1963-017	KU	109	2200	69-00.0N	10-00.0W
ED-1963-018	KU	145	3146	69-30.0N	11-15.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
ED-1963-019	KU	142	1646	70-00.0N	10-00.0W
ED-1963-020	KU		210	70-30.0N	9-00.0W
ED-1963-021	KU	48	1463	70-00.0N	7-30.0W
ED-1963-022	KU	112	2670	70-30.0N	6-15.0W
ED-1963-023	KU	107	3018	70-00.0N	5-00.0W
ED-1963-024	KU	104	2652	70-00.0N	2-30.0W
ED-1963-025	KU	150	3281	70-00.0N	0-00.0W
ED-1963-026	KU		2195	71-00.0N	0-00.0W
ED-1963-027	KU	99	2469	71-00.0N	2-30.0W
ED-1963-028	KU		1373	71-00.0N	5-00.0W
ED-1963-029	KU	66		71-00.0N	7-30.0W
ED-1963-030	KU	132	1097	71-00.0N	10-00.0W
ED-1963-031	KU		475	71-00.0N	12-30.0W
ED-1963-032	KU	127	914	71-00.0N	13-00.0W
ED-1963-033	KU	142	1646	71-00.0N	15-00.0W
ED-1963-034	KU	91	1006	71-00.0N	19-15.0W
ED-1963-035	KU	127	1554	70-30.0N	18-45.0W
ED-1963-036	KU	112	914	70-30.0N	16-00.0W
ED-1963-037	KU	104	1280	70-33.0N	13-15.0W
ED-1963-038	KU	147	1463	70-30.0N	11-15.0W
ED-1963-039	KU	109	1792	70-00.0N	12-30.0W
ED-1963-040	KU	112	1024	70-00.0N	15-00.0W
ED-1963-041	KU	124	1646	70-00.0N	17-30.0W
ED-1963-042	KU	33	338	69-30.0N	20-55.0W
ED-1963-043	KU	152	1258	69-00.0N	23-30.0W
ED-1963-044	KU	142	1134	69-30.0N	21-40.0W
ED-1963-045	KU	122	1372	69-00.0N	20-00.0W
ED-1963-046	KU	185	1554	69-30.0N	18-45.0W
ED-1963-047	KU	185	1554	69-00.0N	17-30.0W
ED-1963-048	KU	132		69-30.0N	16-15.0W
ED-1963-049	KU	109	1609	69-00.0N	14-18.0W
ED-1963-050	KU	97	16459	69-30.0N	13-45.0W
ED-1963-051	KU	99	1970	69-00.0N	12-30.0W
ED-1963-052	KU	86	1920	68-00.0N	12-30.0W
ED-1963-053	KU	122	2103	68-00.0N	15-00.0W
ED-1963-054	KU	142	1280	68-00.0N	17-30.0W
ED-1963-055	KU	150	1189	68-00.0N	20-00.0W
ED-1963-055	KU	150	1189	68-00.0N	20-00.0W
ED-1963-056	PL		549	64-00.0N	12-30.0W
ED-1963-057	PL		128	64-30.0N	13-30.0W
ED-1963-058	PL		201	65-00.0N	12-30.0W
ED-1963-059	PL		229	66-00.0N	12-30.0W
ED-1963-060	KU	109	1372	66-02.0N	9-52.0W
ED-1963-061	KU	38	1280	65-45.0N	7-54.0W
ED-1963-062	KU	97	3292	66-00.0N	5-00.0W
ED-1963-063	KU	137	3658	67-00.0N	2-30.0W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
ED-1963-064	KU	46	3658	67-00.0N	0-00.0E
ED-1963-065	KU		3200	66-00.0N	0-00.0E
ED-1963-066	KU	53	2926	65-30.0N	2-30.0E
ED-1963-067	KU	117	1463	65-00.0N	4-00.0E
ED-1963-068	KU	41	347	64-30.0N	6-30.0E
ED-1963-069	KU	66	311	64-00.0N	8-00.0E
ED-1963-070	KU		631	63-30.0N	5-45.0E
ED-1963-071	KU	36	1646	64-00.0N	4-00.0E
ED-1963-072	KU	33	2743	64-30.0N	2-00.0E
ED-1963-073	KU	89		65-00.0N	0-00.0W
ED-1963-074	KU	38	2771	65-00.0N	2-30.0W
ED-1963-075	KU	107	3840	65-00.0N	5-00.0W
ED-1963-076	KU	28	2332	65-00.0N	7-30.0W
ED-1963-077	KU	30	768	65-00.0N	10-00.0W
ED-1963-078	PL		735	63-22.0N	11-30.0W
ED-1963-079	PL		470	62-55.0N	10-27.0W
ED-1963-080	PL		104	62-15.0N	7-45.0W
ED-1963-081	PL		695	63-00.0N	7-30.0W
ED-1963-082	KU		1554	64-00.0N	7-30.0W
ED-1963-083	KU	56	3475	64-00.0N	5-00.0W
ED-1963-084	KU	119	3292	64-00.0N	2-30.0W
ED-1963-085	KU	66	2560	64-00.0N	0-00.0W
ED-1963-086	KU		1646	63-00.0N	0-00.0W
ED-1963-087	KU	137	2012	63-00.0N	2-30.0W
ED-1963-088	KU	157	2024	63-00.0N	5-00.0W
ED-1963-089	PL		119	62-23.0N	5-30.0W
ED-1963-090	PL		101	61-40.0N	6-30.0W
ED-1963-091	PL		247	61-25.0N	5-00.0W
ED-1963-092	PL		465	62-00.0N	4-00.0W
ED-1963-093	KU		1189	61-10.0N	4-00.0W
ED-1963-094	KU	53	814	60-55.0N	3-00.0W
ED-1963-095	PL		119	60-30.8N	1-44.3W
ED-1963-096	KU		1474	61-34.0N	2-04.0W
ED-1963-097	KU	145	1189	62-00.0N	2-00.0W
ED-1963-098	KU	124	1028	62-00.0N	0-00.0W
ED-1963-099	KU	124	165	61-00.0N	0-00.0W

(38) NO BOAT - WILLAPA BAY - 1965

NB-1965-001	VV		TF	46-24.2N	123-59.4W
NB-1965-002	VV		TF	46-24.1N	124-00.1W
NB-1965-003	SG	48	TF	46-25.3N	123-59.4W
NB-1965-004	VV		TF	46-26.1N	124-00.1W
NB-1965-005	VV			46-26.9N	123-59.8W
NB-1965-006	VV		TF	46-27.6N	124-00.4W
NB-1965-007	VV			46-28.1N	124-00.4W
NB-1965-008	VV			46-28.6N	124-00.4W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NB-1965-009	SG	54		46-29.2N	124-01.0W
NB-1965-010	VV		TF	46-29.8N	124-01.0W
NB-1965-011	VV		9	46-28.6N	124-00.8W
NB-1965-012	SG	51	TF	46-27.7N	124-00.9W
NB-1965-013	VV		5	46-27.0N	124-00.6W
NB-1965-014	VV		TF	46-26.5N	124-00.5W
NB-1965-015	VV		TF	46-26.1N	124-00.7W
NB-1965-016	SG	15	TF	46-35.0N	124-02.1W
NB-1965-017	VV		TF	46-36.5N	124-02.3W
NB-1965-018	VV		TF	46-35.1N	124-01.4W
NB-1965-019	VV		TF	46-33.1N	124-01.4W
NB-1965-020	VV		11	46-31.0N	124-00.0W
NB-1965-021	VV		5	46-31.0N	124-00.7W
NB-1965-022	VV		13	46-33.3N	123-58.0W
NB-1965-023	VV		7	46-33.2N	123-58.7W
NB-1965-024	VV		11	46-33.2N	123-59.0W
NB-1965-025	VV			46-33.2N	123-59.4W
NB-1965-026	VV		10	46-34.9N	123-58.4W
NB-1965-027	VV		2	46-34.8N	123-59.0W
NB-1965-028	VV		8	46-35.1N	123-59.6W
NB-1965-029	VV		4	46-35.1N	124-00.4W
NB-1965-030	VV		TF	46-36.2N	124-01.1W
NB-1965-031	VV		11	46-36.3N	124-00.5W
NB-1965-032	VV		8	46-36.5N	123-59.8W
NB-1965-033	VV		9	46-38.4N	124-01.4W
NB-1965-034	VV		6	46-38.1N	124-01.4W
NB-1965-035	VV		5	46-37.9N	123-59.2W
NB-1965-036	VV			46-37.6N	123-58.6W
NB-1965-037	VV		1	46-38.4N	123-58.3W
NB-1965-038	VV		7	46-36.5N	123-58.5W
NB-1965-039	VV			46-34.7N	123-57.1W
NB-1965-040	VV			46-34.0N	123-56.5W
NB-1965-041	VV		9	46-31.2N	123-58.4W
NB-1965-042	VV		7	46-29.9N	123-58.0W
NB-1965-043	VV		TF	46-31.1N	123-58.2W
NB-1965-044	VV		TF	46-29.5N	124-01.7W
NB-1965-045	VV		TF	46-24.7N	124-01.0W
NB-1965-046	VV		TF	46-27.2N	124-01.5W
NB-1965-047	VV		TF	46-22.8N	123-57.1W
NB-1965-048	VV		TF	46-24.8N	123-56.2W
NB-1965-049	VV		TF	46-25.8N	123-54.2W
NB-1965-050	VV		TF	46-37.7N	123-57.4W
NB-1965-051	VV		TF	46-42.4N	123-57.4W
NB-1965-052	VV		TF	46-42.1N	123-58.6W
NB-1965-053	VV		TF	46-43.5N	124-04.5W
NB-1965-054	VV		TF	46-42.9N	124-02.2W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	LATITUDE	LONGITUDE
NB-1965-055	VV		TF	46-43.0N	124-00.9W
NB-1965-056	SG	27	TF	46-43.8N	123-52.4W
NB-1965-057	VV		2	46-38.6N	124-02.2W
NB-1965-058	VV		4	46-39.6N	124-02.6W
NB-1965-059	VV		19	46-40.0N	124-02.3W
NB-1965-060	VV		30	46-41.8N	124-01.1W
NB-1965-061	VV		5	46-41.3N	124-01.0W
NB-1965-062	VV		14	46-41.8N	123-58.4W
NB-1965-063	VV		TF	46-43.2N	123-58.4W
NB-1965-064	VV		TF	46-43.4N	123-56.1W
NB-1965-065	VV		4	46-43.7N	123-54.4W
NB-1965-066	VV		TF	46-42.8N	123-53.8W
NB-1965-067	VV		8	46-42.2N	123-53.2W
NB-1965-068	VV		TF	46-41.7N	123-52.9W
NB-1965-069	VV		14	46-41.7N	123-55.8W
NB-1965-070	VV		2	46-42.6N	123-56.2W
NB-1965-071	VV		TF	46-40.4N	123-55.6W
NB-1965-072	VV		3	46-38.8N	123-57.0W
NB-1965-073	VV		20	46-28.0N	123-56.4W
NB-1965-074	VV		3	46-26.7N	123-56.4W
NB-1965-075	VV		8	46- 6.6N	123-55.3W
NB-1965-076	VV		TF	46-26.6N	123-54.7W
NB-1965-077	VV		TF	46-29.2N	123-56.7W
NB-1965-078	VV		1	46-31.2N	123-56.2W

(39) RENTED BOAT - COLUMBIA RIVER VICINITY BEACH SEDIMENT -
1961 - 1962

RB--	-001			45-57.9N	123-56.0W
RB--	-002			46-02.0N	123-05.5W
RB--	-003			46-05.8N	123-56.1W
RB--	-004			46-09.1N	123-57.7W
RB--	-005			46-10.7N	123-58.7W
RB--	-006			46-13.2N	123-00.5W
RB--	-007			46-13.5N	124-07.0W
RB--	-008			46-14.3N	124-05.7W
RB--	-009			46-14.8N	124-08.2W
RB--	-010			46-15.2N	124-06.0W
RB--	-011			46-15.9N	124-07.8W
RB--	-012			46-17.7N	124-04.5W
RB--	-013			46-21.2N	124-03.5W
RB--	-014			46-24.2N	124-03.3W
RB--	-015			46-29.4N	124-03.5W
RB--	-016			46-32.8N	124-03.6W
RB--	-017			46-36.1N	124-03.8W
RB--	-018			46-38.6N	124-02.0W
RB--	-019			46-40.0N	124-06.8W

SAMPLE NO.	TYPE	CORE LENGTH (CM)	DEPTH (M)	PAGE 51	
				LATITUDE	LONGITUDE
RB--	-020			46-41.8N	124-06.4W
RB--	-021			46-43.0N	124-05.2W
RB--	-022			46-43.4N	124-04.7W
RB--	-023			46-44.8N	124-05.6W
RB--	-024			46-47.8N	124-05.9W
RB--	-025			46-51.6N	124-06.8W
RB--	-026			46-54.0N	124-07.8W
RB--	-027			46-54.2N	124-10.2W
RB--	-028			46-55.8N	124-10.2W
RB--	-029			46-58.3N	124-10.0W
RB--	-030			47-01.2N	124-10.0W

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3. REPORT TITLE BOTTOM SEDIMENT AND ROCK SAMPLES (1954-1965) STORED AT THE DEPARTMENT OF OCEANOGRAPHY, UNIVERSITY OF WASHINGTON			
4. DESCRIPTIVE NOTES (Type of report and inclusive dates) Interim Report 1954-1965			
5. AUTHOR(S) (Last name, first name, initial) Woodruff, James L. McManus, Dean A.			
6. REPORT DATE May 1966	7a. TOTAL NO. OF PAGES 51	7b. NO. OF REFS 0	
8a. CONTRACT OR GRANT NO. Nonr-477(37) AT(45-1)-1725	9a. ORIGINATOR'S REPORT NUMBER(S) Technical Report No. 158		
b. PROJECT NO. NR 083 012			
c.			
d.	9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report) Reference M66-32 AEC-RLO-1725-63		
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14. KEY WORDS	LINK A		LINK B		LINK C	
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