

TABLE 1 (continued)

Station	North Latitude	West Longitude	Depth (m)	% Gravel	% Sand	% Silt	% Clay	% Mud	Mean(ϕ)
AJT 72- 3	70°29.0'	149° 3.3'	3.0	0	58.8	33.1	8.1	41.2	3.8
AJT 72- 4	70°29.5'	149° 7.6'	2.4	0	40.9	48.6	10.5	59.1	4.5
SL877- 1	70°33.70'	149°36.30'	1.5	0.4	80.2	14.5	4.9	19.4	2.8
SL877- 2	70°32.85'	149°34.75'	1.8	0.4	92.6	3.3	3.7	7.0	1.7
SL877- 3	70°32.05'	149°34.65'	2.6	0.4	34.5	45.2	19.9	65.1	5.4
SL877- 4	70°32.61'	149°32.55'	2.1	0.3	19.1	56.5	24.1	80.6	6.2
SL877- 5	70°31.10'	149°34.85'	1.8	0.0	35.2	52.8	12.0	64.8	4.9
SL877- 6	70°30.46'	149°34.60'	2.0	0.1	32.0	50.5	17.4	67.9	5.2
SL877- 7	70°29.98'	149°34.85'	0.9	17.1	75.0	3.7	4.2	7.9	1.2
SL877- 8	70°29.83'	149°34.90'	0.3	9.1	65.1	17.3	8.5	25.8	3.0
SL877- 9	70°31.13'	149°31.30'	1.5	0.0	24.9	54.8	20.3	75.1	5.9
SL877- 11	70°33.55'	149°37.50'	2.1	1.3	14.7	65.7	18.3	84.0	5.9
SL877- 12	70°33.12'	149°38.05'	2.1	0.7	29.9	52.6	16.8	69.4	5.4
SL877- 13	70°32.60'	149°38.95'	2.4	0.0	7.7	79.5	12.8	92.3	5.5
SL877- 14	70°32.02'	149°40.45'	2.3	0.2	38.1	47.6	14.1	61.7	4.9
SL877- 15	70°31.40'	149°41.15'	1.8	5.0	69.9	13.0	12.1	25.1	3.5
SL877- 17	70°30.36'	149°41.60'	0.6	14.0	61.7	15.0	9.3	24.3	2.7
SL877- 18	70°30.03'	149°41.53'	0.5	0.3	54.4	31.0	14.3	45.3	4.5
SL877- 19	70°33.00'	149°46.80'	3.2	1.6	65.8	23.4	9.2	32.6	3.5
SL877- 20	70°32.48'	149°46.70'	2.6	0.0	85.2	9.0	5.8	14.8	2.7
SL877- 21	70°31.78'	149°46.85'	2.9	1.2	15.8	59.6	23.4	83.0	6.3
SL877- 22	70°31.02'	149°47.20'	2.4	0.0	11.0	75.4	13.6	89.0	5.6
SL877- 23	70°30.50'	149°46.50'	2.4	2.2	22.4	61.5	13.9	75.4	5.1
SL877- 24	70°29.95'	149°46.85'	1.5	7.0	64.9	18.9	9.2	28.1	3.4
SL877- 25	70°31.33'	149°51.69'	2.6	1.3	62.5	26.1	10.1	36.2	3.5
SL877- 26	70°31.58'	149°51.85'	2.9	0.0	20.2	66.8	13.0	79.8	5.4
SL877- 27	70°32.23'	149°52.01'	3.0	0.1	19.8	64.2	15.9	80.1	5.5
SL877- 28	70°32.92'	149°52.20'	2.7	0.0	14.3	64.9	20.8	85.7	6.1
SL877- 29	70°33.57'	149°52.35'	2.4	3.1	19.2	57.3	20.4	77.7	5.8
SL877- 30	70°32.72'	149°26.80'	1.1	2.2	76.0	18.1	3.7	21.8	2.5
SL877- 31	70°32.46'	149°26.91'	2.6	0.0	10.5	64.2	25.3	89.5	6.6
SL877- 32	70°31.96'	149°27.20'	2.3	0.0	32.6	48.3	19.1	67.4	5.3
SL877- 33	70°31.53'	149°27.45'	2.1	0.0	49.2	34.0	16.8	50.8	4.8
SL877- 34	70°31.18'	149°27.60'	1.5	0.3	98.0	0.7	1.0	1.7	2.0
SL877- 35	70°31.18'	149°30.81'	2.0	0.2	44.0	39.4	16.4	55.8	5.1
SL877- 36	70°31.62'	149°30.80'	2.1	0.0	39.4	44.0	16.6	60.6	5.1
SL877- 37	70°32.16'	149°30.72'	2.3	0.0	37.7	47.6	14.7	62.3	4.9
SL877- 38	70°32.55'	149°30.78'	2.3	0.8	25.4	53.8	20.0	73.8	5.4
SL877- 39	70°32.93'	149°30.58'	2.0	5.5	29.9	43.1	21.5	64.6	5.2
SL877- 40	70°33.36'	149°30.55'	1.5	4.8	64.4	17.3	13.5	30.8	3.7
UG877- 1	70°29.33'	149°46.45'	0.8	0.0	56.5	28.5	15.0	43.5	4.4

TABLE 1 (continued)

Station	North Latitude	West Longitude	Depth (m)	% Gravel	% Sand	% Silt	% Clay	% Mud	Mean(ϕ)
STEFANSSON SOUND - PRUDHOE BAY									
BS 70- 18	70°22.7'	148° 9.8'	2.0	3	91.6	4.9	0.4	5.3	2.1
AER 71- 15	70°19.0'	148°19.0'	1.0	0	79.5	14.0	6.5	20.5	3.1
AER 72-129	70°29.4'	148°20.3'	3.0	0	11.5	54.8	33.7	88.5	7.0
AER 72-166	70°26.6'	148°34.3'	7.0	0	41.4	47.6	11.0	58.6	4.7
AER 72-167	70°25.9'	148°34.5'	5.5	0	63.3	31.2	5.5	36.7	3.6
AJT 71- 1	70°24.6'	148°23.2'	3.2	0	84.8	6.8	8.4	15.2	3.3
AJT 71- 2	70°20.6'	148°23.2'	2.5	0	8.9	68.3	22.8	91.1	6.7
AJT 71- 3	70°27.0'	148°15.3'	8.5	0	22.1	31.4	46.5	77.9	6.9
AJT 71- 5	70°26.2'	148° 0.0'	6.7	3	79.8	12.9	4.4	17.3	2.7
AJT 71- 6	70°22.6'	148° 0.0'	4.6	0	94.4	2.3	3.3	5.6	2.7
AJT 71- 8	70°22.1'	147°30.0'	6.7	0	55.3	28.2	16.5	44.7	4.8
AJT 71- 10	70°14.0'	147°30.0'	5.0	0	81.2	9.4	9.4	18.8	2.9
AJT 71- 12	70°11.3'	147° 2.0'	5.2	0	31.5	51.8	16.7	68.5	5.9
AJT 71- 13	70°12.8'	146°47.8'	4.0	0	28.7	41.8	29.5	71.3	6.6
AJT 71- 14	70°16.3'	147° 0.0'	4.9	0	17.3	59.5	23.2	82.7	6.2
AJT 71- 15	70°23.8'	148°29.0'	2.6	0	65.0	23.3	11.7	35.0	4.9
AJT 71- 16	70°26.5'	148°30.0'	7.0	0	56.7	30.6	12.7	43.3	4.8
AJT 71- 17	70°28.0'	148°45.0'	4.6	0	7.1	45.4	47.5	92.9	8.1
AJT 71- 19	70°29.2'	148°30.0'	8.8	0	45.5	28.3	26.2	54.5	6.1
AJT 72- 5	70°27.2'	148°10.3'	7.3	0	81.5	14.0	4.5	18.5	2.4
AJT 72- 6	70°25.2'	148°10.2'	5.5	0	97.8	1.0	1.2	2.2	1.1
AJT 72- 7	70°22.8'	148°10.8'	2.4	0	28.0	61.5	10.5	72.0	5.4
AJT 72- 8	70°21.4'	147°56.7'	3.7	0	13.7	73.8	12.5	86.3	5.9
PDB 74- 34	70°23.0'	148°31.0'	1.8	0	66.0	27.5	6.5	34.0	3.9
PDB 74- 39	70°23.4'	148°33.1'	1.0	0	90.0	6.5	3.5	10.0	3.1
PDB 74- 41	70°22.0'	148°29.2'	1.4	0	53.0	41.5	5.5	47.0	3.8
PDB 74- 43	70°18.6'	148°21.0'	0.6	0	96.5	2.7	0.8	3.5	2.5
BEAUFORT LAGOON									
BL771- 1	69°54.9'	142°23.7'	2.6	0.0	15.5	61.5	23.0	84.5	6.3
BL771- 2	69°55.2'	142°21.7'	2.6	0.0	26.0	53.1	20.9	74.0	5.9
BL771- 3	69°54.8'	142°19.5'	0.6	0.4	97.8	1.2	0.6	1.8	1.9
BL771- 4	69°54.0'	142°19.5'	3.0	0.0	7.5	66.4	26.1	92.5	6.7
BL771- 5	69°53.5'	142°15.5'	3.2	0.0	53.9	28.5	17.6	46.1	4.2
BL771- 6	69°51.1'	142° 7.5'	0.6	0.0	77.8	15.5	6.7	22.2	3.1
BL771- 7	69°51.0'	142°10.8'	0.5	0.0	97.1	1.7	1.2	2.9	2.5
BL771- 8	69°51.8'	142° 9.8'	1.1	0.0	98.4	0.6	1.0	1.6	1.9
BL771- 9	69°52.6'	142°11.8'	2.1	0.0	32.9	52.2	14.9	67.1	4.9

TABLE 1 (continued)

Station	North Latitude	West Longitude	Depth (m)	% Gravel	% Sand	% Silt	% Clay	% Mud	Mean(ϕ)
BL771- 10	69°51.8'	142°13.0'	2.7	0.0	1.4	64.1	34.5	98.6	7.6
BL771- 11	69°51.0'	142°13.9'	2.7	0.0	1.6	59.7	38.7	98.4	7.6
BL771- 14	69°52.6'	142°16.4'	2.9	0.0	15.7	60.6	23.7	84.3	6.3
BL771- 15	69°52.5'	142°14.4'	3.0	0.0	3.3	44.8	51.9	96.7	8.1
BL771- 16	69°53.0'	142°13.8'	2.9	0.0	9.1	68.1	22.8	90.9	6.4
BL771- 17	69°53.8'	142°17.0'	3.2	0.0	28.0	52.5	19.5	72.0	5.7
BL771- 18	69°53.3'	142°19.9'	1.8	0.5	40.0	39.0	20.5	59.5	5.6
BL771- 20	69°52.9'	142°19.2'	0.2	0.0	85.0	11.8	3.2	15.0	3.0
OPEN SHELF									
HB 80- 1	70°42.0'	151° 0.7'	15.0	0	58.7	23.0	18.3	41.3	5.1
HB 80- 2	70°44.2'	151°19.2'	16.0	0	19.1	37.7	43.2	80.9	7.0
HB 80- 4	70°45.5'	151°38.4'	11.0	0	7.4	37.1	55.5	92.6	8.3
BS 70- 21	70°31.4'	148°34.6'	16.0	0	36.6	60.7	2.7	63.4	5.6
AER 72-134	70°31.9'	148°12.8'	14.5	0	17.1	55.9	27.0	82.9	7.2
AER 72-137	70°29.9'	148° 0.4'	12.5	0	84.0	11.5	4.5	16.0	3.0
AJT 71- 4	70°30.0'	148° 0.0'	11.3	0	70.5	9.8	19.7	29.5	3.8
AJT 71- 18	70°31.0'	148°45.0'	13.7	0	12.7	49.5	37.8	87.3	7.2
AJT 71- 20	70°31.8'	148°30.0'	14.6	0	24.7	48.2	27.1	75.3	6.2
AJT 71- 21	70°34.3'	148°45.0'	16.8	0	85.7	4.9	9.4	14.3	2.7
AJT 71- 26	70°43.0'	149°22.5'	17.0	0	98.5	1.5	0.0	1.5	2.4
AJT 71- 29	70°39.4'	149°45.0'	14.6	25	56.1	12.6	6.7	19.3	1.2
AJT 71- 30	70°34.7'	149°45.0'	7.6	0	76.7	19.7	3.6	23.3	2.7
AJT 71- 33	70°40.5'	150°30.0'	16.2	0	34.5	26.9	38.6	65.5	6.5
AJT 71- 36	70°44.0'	150° 7.5'	17.1	1	92.9	3.0	3.2	6.2	3.0
AJT 71- 40	70°34.3'	149°22.5'	10.4	0	22.8	64.8	12.4	77.2	—
AJT 71- 43	70°30.0'	147°30.0'	14.0	0	17.8	45.7	36.5	82.2	—
BS 70- 19	70°30.9'	148°35.4'	13.0						
ABP 73- 9	70°56.8'	150°56.4'	17.0						