

Measuring Organization of Large Surficial Clasts in Heterogeneous Gravel Beach Sediments

Supplemental Information

Supplemental Table S1. Treatment status, tidal elevation, mean particle size, and cobble/pebble/granule content values for surficial sediments at study beaches in western Prince William Sound. Sites are ordered from north (Disk Island) to south (Latouche Island). m MLLW = meters above mean low-low water. Variance measures: ^a: standard deviation; ^b: standard error.

Site Designation	Treatment Status	Approximate Tidal Elevation (m MLLW)	Mz (mm)	% Cobble / Pebble/ Granule
DI66	Washed (observed)	0.03	20.20	98.2
DI67A	Washed (observed)	-0.3	20.25	89.7
DI67B	Washed (observed)	0.61	6.52	70.3
IN32	Washed (observed)	0.43	30.98	95.1
KN103A	Washed (presumed)	0.34	25.11	89.8
KN103B	Washed (presumed)	0.09	28.02	89.1
KN104	Washed (presumed)	-0.18	8.04	78.2
KN118	Washed (presumed)	0.21	23.88	96.8
KN106A	Washed (presumed)	-0.09	8.48	68.9
KN106B	Washed (presumed)	-0.15	23.10	90.0
KN502	Washed (presumed)	0.21	10.84	80.0
KN130	Washed (presumed)	-0.52	17.93	86.8
KN131A	Washed (presumed)	0.3	4.95	66.2
KN131B	Washed (presumed)	-0.64	3.31	55.5
KN133	Washed (presumed)	0	10.59	78.1
KN507	Unwashed	-0.21	9.53	87.6
CH9	Washed (presumed)	-0.15	7.08	72.2
KN5	Washed (presumed)	0.43	13.10	79.5
KN208	Unwashed	-0.06	8.04	76.1
KN553	Unwashed	0.94	3.01	58.3
CH7A	Unwashed	-0.15	7.57	78.7
CH7B	Unwashed	-0.4	5.04	72.3
KN554A	Unwashed	-0.21	9.03	65.6
KN554B	Unwashed	0	10.95	41.7
SL1	Unwashed	0.24	5.17	65.1
KN575	Unwashed	0.6	15.38	44.3
FL4A	Washed (presumed)	-0.3	19.32	84.6
FL4B	Washed (presumed)	0.06	11.21	76.3
FL3A	Unwashed	-0.3	3.14	58.7
FL3B	Unwashed	-0.55	10.53	67.1
FL3C	Unwashed	0.27	12.17	58.7
EV16	Washed (presumed)	0.18	20.30	87.8
EV21	Washed (observed)	0.09	16.72	81.8

EV8	Unwashed	-0.03	13.63	67.6
EV70	Unwashed	0.21	11.53	32.1
LA16	Washed (observed)	0.03	37.07	97.3
LA18	Washed (observed)	0.08	51.85	99.9
Mean±SD		0.03±0.34 ^a	14.69±10.34 ^a	75.3±16.3 ^a