

APPENDIX 3

Chemical composition of shelf sediments

Oxide in wt.%	East coast							Central coast					West coast						
	JP4	JP5	JP6	JP7	JP8	JP9	JP10	JP13	JP14	JP15	JP29	JP32	JP36	JP38	JP40	JP41	JP43	JP49	JP53
SiO ₂	38.15	39.57	18.57	35.63	43.00	38.69	32.89	43.64	17.04	22.30	62.57	66.50	61.55	20.11	61.30	54.03	33.37	33.93	62.39
Al ₂ O ₃	1.02	1.04	0.34	0.54	0.73	0.76	0.70	9.78	6.63	5.15	13.56	11.09	14.84	3.86	14.83	13.79	9.72	0.54	13.31
Fe ₂ O ₃	13.70	12.53	4.19	6.21	8.42	9.23	6.52	14.27	6.85	3.10	6.03	4.94	6.14	2.27	5.52	5.57	3.45	5.73	6.19
MgO	32.07	33.60	16.25	28.24	34.42	38.33	26.28	14.11	2.39	2.66	4.80	1.93	3.35	6.18	2.85	2.52	2.33	26.24	3.84
CaO	0.34	0.37	27.47	11.75	1.72	1.79	12.58	8.28	35.89	32.71	5.35	6.00	6.72	33.69	8.26	11.63	26.49	14.55	4.59
Na ₂ O	0.14	0.16	0.89	0.56	0.49	0.45	0.72	1.55	1.36	1.95	3.77	3.44	4.02	2.00	3.76	3.48	2.60	0.51	4.20
K ₂ O	0.03	0.07	0.04	0.04	0.05	0.03	0.04	0.21	0.14	0.28	0.55	0.58	0.51	0.11	0.41	0.47	0.18	0.03	0.41
TiO ₂	0.02	0.02	<0.01	<0.01	0.02	0.02	0.03	0.78	0.37	0.35	0.29	0.26	0.30	0.09	0.25	0.55	0.34	<0.01	0.47
P ₂ O ₅	0.08	0.10	0.03	0.01	<0.01	0.03	0.01	0.08	0.07	0.05	0.02	0.01	0.03	0.04	0.03	0.03	0.05	0.02	0.04
MnO	0.09	0.09	0.05	0.08	0.09	0.10	0.07	0.16	0.08	0.06	0.10	0.14	0.12	0.05	0.10	0.13	0.08	0.09	0.09
Cr ₂ O ₃	0.78	0.85	0.36	0.50	0.63	0.68	0.32	0.69	0.02	0.01	0.04	0.02	0.04	0.04	0.04	0.01	0.01	0.37	0.04
LOI	12.70	11.00	31.00	15.60	9.60	9.50	19.00	6.00	28.60	–	2.80	5.00	–	31.10	2.50	7.60	21.00	17.10	4.30
Total	99.53	99.72	99.34	99.38	99.40	99.92	99.40	99.67	99.46	68.63	99.87	99.90	97.73	99.57	99.85	99.82	99.67	99.40	99.84