

**Table 2: Descriptive Statistics for ICP-AES data (<0.002 mm fraction) Rideout Island**

	Mean	Std. Dev.	Count	Minimum	Maximum	Coef. Var.	Geom. Mean	Skewness	Kurtosis	Median	Mode
Ag ppm	0.10	0.02	97	0.10	0.20	0.17	0.10	5.42	27.37	0.10	0.10
Al %	3.48	0.80	97	0.01	5.29	0.23	3.25	-0.69	2.53	3.57	•
As ppm	8.05	9.70	97	1.00	72.00	1.20	4.97	3.64	18.66	6.00	2.00
Ba ppm	116.08	55.93	97	10.00	270.00	0.48	102.27	0.66	-0.24	100.00	90.00
Be ppm	0.62	0.27	97	0.25	1.50	0.43	0.57	1.86	2.85	0.50	0.50
Bi ppm	1.01	0.10	97	1.00	2.00	0.10	1.01	9.70	92.01	1.00	1.00
Ca %	0.52	0.28	97	0.01	1.85	0.53	0.44	1.57	5.39	0.49	•
Cd ppm	0.28	0.14	97	0.05	1.50	0.51	0.26	7.04	57.07	0.25	0.25
Co ppm	25.15	10.56	97	1.00	54.00	0.42	22.76	0.97	0.97	23.00	21.00
Cr ppm	72.62	23.97	97	1.00	156.00	0.33	66.84	0.34	1.02	72.00	66.00
Cu ppm	112.01	70.00	97	1.00	416.00	0.62	92.41	1.73	3.89	94.00	62.00
Fe %	4.38	1.03	97	0.01	6.84	0.23	4.07	-0.60	2.28	4.40	•
Ga ppm	8.20	2.41	97	5.00	10.00	0.29	7.79	-0.58	-1.66	10.00	10.00
Hg ppb	60.68	52.48	97	1.00	290.00	0.86	39.33	1.48	2.91	50.00	10.00
K %	0.46	0.25	97	0.01	1.14	0.56	0.38	0.75	-0.35	0.38	•
La ppm	48.76	18.22	97	10.00	150.00	0.37	45.91	2.09	8.71	40.00	40.00
Mg %	1.35	0.53	97	0.01	2.44	0.39	1.20	-0.05	-0.69	1.38	•
Mn ppm	454.95	238.95	97	5.00	1940.00	0.53	399.99	2.92	14.45	425.00	•
Mo ppm	1.12	1.03	97	0.50	7.00	0.92	0.88	2.88	10.50	1.00	0.50
Na %	0.94	0.42	97	0.01	2.64	0.44	0.84	1.00	1.77	0.85	0.85
Ni ppm	45.15	16.26	97	1.00	95.00	0.36	41.23	0.42	0.76	44.00	•
P ppm	4840.82	2429.78	73	1500.00	9810.00	0.50	4164.42	0.19	-1.08	4910.00	•
Pb ppm	12.95	5.84	97	2.00	40.00	0.45	11.91	2.01	5.55	12.00	10.00
Sb ppm	1.03	0.17	97	1.00	2.00	0.17	1.02	5.42	27.37	1.00	1.00
Sc ppm	6.78	2.38	97	1.00	15.00	0.35	6.28	0.30	0.97	7.00	6.00
Sr ppm	38.73	19.98	97	1.00	140.00	0.52	34.06	1.93	6.18	34.00	29.00
Ti %	0.12	0.05	97	0.01	0.23	0.39	0.11	0.27	-0.46	0.12	•

P ppm	4840.82	2429.78	73	1500.00	9810.00	0.50	4164.42	0.19	-1.08	4910.00	•
Pb ppm	12.95	5.84	97	2.00	40.00	0.45	11.91	2.01	5.55	12.00	10.00
Sb ppm	1.03	0.17	97	1.00	2.00	0.17	1.02	5.42	27.37	1.00	1.00
Sc ppm	6.78	2.38	97	1.00	15.00	0.35	6.28	0.30	0.97	7.00	6.00
Sr ppm	38.73	19.98	97	1.00	140.00	0.52	34.06	1.93	6.18	34.00	29.00
Ti %	0.12	0.05	97	0.01	0.23	0.39	0.11	0.27	-0.46	0.12	•
Tl ppm	5.05	0.51	97	5.00	10.00	0.10	5.04	9.70	92.01	5.00	5.00
U ppm	8.56	11.46	97	5.00	80.00	1.34	6.35	4.30	19.79	5.00	5.00
V ppm	80.38	23.67	97	1.00	198.00	0.29	74.98	1.00	6.13	80.00	96.00
W ppm	5.05	0.51	97	5.00	10.00	0.10	5.04	9.70	92.01	5.00	5.00
Zn ppm	89.15	31.05	97	2.00	180.00	0.35	81.55	0.01	-0.18	84.00	78.00