

Core, section, interval (cm)	Top depth CSF-A (m)	Top depth CSF-B (m)	Alkalinity (mM)	Ba (µM) 455.4 nm ICP-AES	Ba (µM) 493.4 nm ICP-AES	B (µM) 249.7 nm ICP-AES	B (µM) 249.8 nm ICP-AES	Bromide (mM) IC	Calcium (mM) IC	Chloride (mM) Titra_man	Chloride (mM) IC	Fe (µM) 238.2 nm ICP-AES	Fe (µM) 239.6 nm ICP-AES	Fe (µM) 259.9 nm ICP-AES	Li (µM) 670.8 nm ICP-AES	Magnesium (mM) IC	Mn (µM) 257.6 nm ICP-AES	Mn (µM) 259.4 nm ICP-AES	Alkalinity	Potassium (mM) IC	Si (µM) 250.7 nm ICP-AES	Si (µM) 288.2 nm ICP-AES	Sodium (mM) IC	Sr (µM) 407.8 nm ICP-AES	Sr (µM) 421.6 nm ICP-AES	Sr (µM) 460.7 nm ICP-AES	Sulfate (mM) IC		
368-U1502A-																													
2R-1, 139-149	376.39	376.39	7.577	2.12	2	465.56	467.09	0.881	11	569.76	553.46	REJ	REJ	REJ	91.09	32.68	1.2	1.14	7.91	3.6	250.73	304.52	478.47	141.47	139.41	143.66	4.02		
9R-4, 136-151	448.05	448.05	21.215					0.883	14.07	537.67	540.26					36.05			7.68	3.24			463.39				5.63		
10R-4, 137-152	457.27	457.27	25.93					0.893	16.32	539.72	544.97					34.99			7.41	3.81			473.64				5.57		
11R-4, 108-123	466.99	466.99	29.227					0.862	18.41	532.65	536.9					35.17			7.32	3.59			465.71				5.69		
12R-4, 136-151	476.87	476.87	27.125	1.4	1.21	442.78	440.94	0.855	19.94	535.43	539.96	8.62	8.76	8.6	367.05	34.79	2.4	2.37	7.31	3.96	734.18	795.44	468.96	102.59	100.83	106.36	6.61		
13R-4, 16-91	485.88	485.88	39.077	1.16	1	373.94	372.11	0.834	16.92	524.93	530.11	REJ	1.68	1.57	386.05	35.51	8	7.9	7.51	3.67	683.13	736.27	462.94	102.95	101.01	106.17	6.62		
14R-4, 135-150	496.07	496.07	34.192	1.21	1.03	407.53	409.79	0.853	22.67	527.92	536.43	34.41	34.97	34.88	387.28	35.4	8.57	8.51	7.18	3.82	869.91	930.35	466.64	100.44	98.06	104.05	6.82		
18R-2, 136-151	531.47	531.47	38.447	1.85	1.66	548.63	553.86	0.835	26.74	525.33	527.71	65.55	66.81	65.76	446.22	37.82	9.88	9.91	7.17	4.53	1115.35	1175.07	455.33	98.82	96.13	100.96	7.72		
24R-1, 135-150	587.25	587.25	44.191	1.52	1.27	450.67	453.4	0.86	28.86	523.91	546.3	66.86	68.29	66.93	520.09	37.30	17.17	17.23	7.25	4.32	970.87	1027.73	463.65	99.12	95.78	102.46	6.58		
25R-2, 133-148	598.33	598.33	42.814					0.84	30.51	532.59	533.35					33.77			7.21	5.13			461.24				6.13		
28R-1, 134-149	625.54	625.54	45.919	1.9	1.68	513.83	522.55	0.822	31.99	531.62	521.10	32.74	33.39	33.28	647.53	35.61	10.03	10.01	7.25	4.54	901.66	953.81	443.79	83.31	79.28	86.43	5.56		
29R-4, 135-150	639.65	639.61	45.765	1.62	1.46	458.96	461.63	0.846	32.38	520.59	526.67	36.48	37.27	36.75	716.64	38.91	4.26	4.19	7.27	4.24	875.79	937.69	447.71	71.09	67.07	73.9	6.1		
30R-4, 136-151	649.26	649.1	45.915					0.839	32.2	522.23	532.23					41.91			7.3	4.32			449.57				7.24		
31R-4, 132-147	658.79	658.64	43.019					0.823	32.66	522.15	526.3					42.54			7.38	4.2			441.70				8.09		
32R-4, 135-150	668.35	668.35	44.243					0.837	30.47	526.8	534.66					43.47			7.45	4.65			449.54				8.59		
33R-3, 135-150	676.46	676.46	43.649	2.46	2.2	480.27	485.83	0.839	31.14	522.53	532.55	101.66	102.3	102.77	824.92	45.40	45.9	46.35	7.28	5.3	1182.85	1248.64	448.1	59.61	55.82	61.88	9.88		
34R-3, 135-150	686.05	686.05						0.831	16.23		527.99					43.48				5.34			444.36				9.94		
35R-3, 135-150	695.65	695.65		1.58	1.34	539.19	541.39	0.81	30.67		515.99	36.49	36.83	36.82	854.8	46.50	46.61	47.73		4.09	1057.15	1128.12	430.52	70.84	66.73	72.35	8.97		
37R-4, 130-150	716.21	716.21		0.73	0.53	527.85	529.68	0.791	23.57		508.95	8.48	8.75	8.66	785.41	39.59	13.11	13.03		4.51	935.47	992.52	421.45	95.42	91.9	98.12	9.02		