

Core, section, interval (cm)	Top depth CSF-A (m)	Top depth CCSF-A (m)	Sample type	Alkalinity (mM) Titration	pH ISE	Salinity (‰) Refract	Cl ⁻ (mM) Titration	Cl ⁻ (mM) IC	SO ₄ ²⁻ (mM) IC	Br ⁻ (mM) IC	Na (mM) ICP	Ca (mM) ICP	Mg (mM) ICP	K (mM) ICP	B (μM) ICP	Ba (μM) ICP	Fe (μM) ICP	Li (μM) ICP	Mn (μM) ICP	Si (μM) ICP	Sr (μM) ICP	NH ₄ ⁺ (μM) Spec	PO ₄ ³⁻ (μM) Spec	H ₂ SiO ₄ (μM) Spec
346-U1424A-																								
1H-1, 0	0.00	0.00	ML	2.25	7.41	34.50	543.44	556.91	29.28	1.03	470.78	9.93	51.57	10.32	405.35	1.12	BD	25.92	BD	137.49	86.12	9.96	1.74	
1H-1, 145-150	1.45	1.45	IW-Sq	3.87	7.41	35.00	541.02	556.30	28.18	1.03	474.28	10.11	49.63	11.84	532.55	9.58	33.57	27.96	49.21	459.02	86.15	63.31	20.45	
2H-1, 145-150	8.25	9.02	IW-Sq	6.79	7.35	34.50	535.84	553.75	24.99	1.03	498.49	10.41	50.78	12.19	568.46	11.95	BD	25.86	98.65	613.68	86.32	345.42	51.92	
3H-1, 145-150	17.75	19.65	IW-Sq	9.46	7.72	34.00	531.49	547.50	22.07	1.03	469.75	9.64	46.99	11.37	446.42	8.88	2.48	27.01	70.26	734.30	84.68	549.11	49.49	
4H-1, 145-150	27.25	30.55	IW-Sq	11.04	7.48	34.00	532.70	539.98	20.32	1.01	483.14	9.95	47.48	11.34	521.74	18.24	BD	30.89	63.72	739.86	85.20	662.67	43.68	
5H-1, 145-150	36.75	40.75	IW-Sq	11.53	7.34	34.00	531.12	551.11	19.93	1.03	481.37	10.09	46.18	11.17	471.25	15.44	BD	36.24	64.00	718.51	84.97	791.72	37.92	
6H-1, 145-150	46.25	50.82	IW-Sq	12.09	7.54		532.95	552.60	19.36	1.04	466.14	9.88	44.84	10.56	366.37	15.35	7.64	40.56	55.60	745.92	85.13	827.81	17.59	
7H-1, 145-150	55.75	60.88	IW-Sq	12.05	7.44		539.20	549.21	18.44	1.04	474.98	10.20	44.94	10.29	427.59	12.01	10.30	46.93	51.39	564.83	87.39	841.98	13.07	
8H-1, 145-150	65.25	69.87	IW-Sq	12.01	7.49		542.19	550.48	18.01	1.04	460.87	9.99	43.12	9.91	394.77	19.52	2.19	51.27	59.70	811.93	89.61	875.05	10.83	
9H-1, 145-150	74.75	80.09	IW-Sq	12.15	7.48		540.73	555.67	17.71	1.05	471.80	10.34	43.80	9.89	391.31	11.78	4.55	54.86	74.01	958.56	90.43	1012.23	10.02	
10H-1, 145-150	84.25	90.11	IW-Sq	22.33	7.42		543.06	560.49	17.62	1.06	448.58	10.00	41.65	8.93	385.14	9.70	5.30	57.37	80.18	988.97	92.00	1031.31	8.74	
11H-1, 145-150	93.75	100.28	IW-Sq	11.52	7.55		541.70	549.98	17.51	1.04	473.90	10.53	43.32	9.44	381.84	12.33	BD	57.59	72.30	918.32	91.76	960.83	9.12	
12H-1, 145-150	103.25	109.30	IW-Sq	11.54	7.62		542.45	560.28	17.09	1.06	471.50	9.97	45.20	10.60	392.08	18.56	BD	60.74	70.69	914.95	92.73	1068.74	7.55	
13H-1, 145-150	112.75	119.53	IW-Sq	11.36	7.58		534.36	560.45	16.62	1.07	475.59	10.71	42.69	8.87	378.31	16.12	2.31	61.02	68.64	968.24	93.17	1044.08	6.74	
14H-1, 145-150	122.25	129.58	IW-Sq	11.41	7.48		538.85	551.84	16.34	1.05	480.15	11.01	42.58	8.52	381.81	9.67	9.53	64.20	70.89	1012.12	94.01	1114.44	8.07	
15H-1, 145-150	131.75	135.99	IW-Sq	10.73	7.66		540.41	561.19	16.58	0.98	477.91	10.95	42.68	8.55	392.77	12.82	1.18	64.93	64.91	906.11	96.17	1097.56	9.50	
16H-1, 145-150	141.25	149.41	IW-Sq	10.38	7.50		539.50	562.69	16.10	0.99	471.99	11.04	42.13	8.07	404.64	11.73	BD	66.86	75.45	1049.77	95.45	1136.24	9.45	
17H-1, 145-150	150.75	159.63	IW-Sq	10.60	7.62		539.11	560.81	16.17	1.07	478.41	11.29	42.56	7.85	402.72	18.11	0.85	68.36	70.09	1048.47	98.61	1167.15	4.02	
1H-1, 5	0.05	0.05	IW-Rh	2.65	7.24		542.03	555.93	28.96	1.03	468.35	9.87	50.12	11.31	460.21	1.39	BD	28.18	6.10	435.82	85.74	9.65		
1H-1, 15	0.15	0.15	IW-Rh	2.67	7.24		543.38	549.09	28.77	1.02	468.60	9.89	49.98	11.22	449.21	1.15	BD	27.48	12.75	423.95	84.55	9.71		
1H-1, 25	0.25	0.25	IW-Rh	2.75	7.09						461.55	9.73	49.00	10.96	462.61	1.14	BD	28.10	18.08	429.12	86.23	7.85	13.16	
1H-1, 40	0.40	0.40	IW-Rh	2.75	7.13		548.02				475.79	10.26	50.66	11.23	440.95	1.61	7.62	27.56	29.42	407.84	87.68	7.29	10.69	
1H-1, 60	0.60	0.60	IW-Rh	3.18	7.35						469.34	10.06	50.42	11.07	479.39	0.43	BD	28.07	14.00	424.71	93.23	15.29		
1H-1, 90	0.90	0.90	IW-Rh	3.35	7.32		540.21	555.93	28.47	1.03	470.43	10.06	50.14	11.50	499.80	0.59	3.28	27.55	45.80	462.67	91.23	30.84		
1H-1, 120	1.20	1.20	IW-Rh	3.55	7.47		545.51	559.23	28.25	0.96	473.24	10.15	49.84	11.80	576.91	1.90	17.76	27.70	39.82	447.11	85.78	44.78		
1H-2, 10	1.60	1.60	IW-Rh	3.86	7.44		540.71	552.74	28.11	1.03					530.89	1.91	1.78	26.57	63.51	402.83	86.14	69.07		
1H-2, 30	1.80	1.80	IW-Rh	3.90	7.34			562.42	28.27	1.05				493.29	1.85	4.57	26.10	73.68	402.99	83.18	81.03	17.40		
1H-2, 60	2.10	2.10	IW-Rh	4.00	7.35		544.05	555.16	28.05	1.03				454.10	1.91	46.64	25.87	60.66	373.63	85.20	112.25	27.30		
1H-2, 90	2.40	2.40	IW-Rh	4.39	7.47		545.75	549.56	27.57	1.02				455.50	1.27	45.88	25.88	66.25	380.41	88.16	134.93	28.87		
1H-2, 120	2.70	2.70	IW-Rh	4.46	7.43		543.34	552.28	27.11	0.95				501.36	2.51	37.16	26.86	74.40	416.65	88.90	148.15			
1H-3, 10	3.10	3.10	IW-Rh	4.58	7.50			563.28	27.11	0.97				569.97	2.07	41.55	26.59	87.00	462.75	85.16	167.99			
1H-3, 30	3.30	3.30	IW-Rh	4.75	7.57									569.85	1.20	35.18	26.79	89.38	485.63	86.57	183.67	38.54		
1H-3, 60	3.60	3.60	IW-Rh	4.88	7.39			549.42	26.36	0.94				472.79	1.97	30.39	26.88	86.72	471.72	85.92	174.04			
1H-3, 100	4.00	4.00	IW-Rh	5.03	7.57			554.03	26.88	1.03				553.47	1.01	24.28	26.00	89.42	490.06	88.25	195.58	43.54		
1H-3, 120	4.20	4.20	IW-Rh	5.16	7.51			552.56	26.40	0.95				502.58	1.02	25.72	26.92	97.96	544.03	88.75	200.11			
1H-4, 10	4.60	4.60	IW-Rh	5.31	7.46			553.50	26.75	1.03				533.61	1.04	22.87	29.60	106.02	588.81	97.92	214.47	45.87		
1H-4, 30	4.80	4.80	IW-Rh	5.16	7.37			556.90	26.25	0.96				448.80	2.07	20.30	25.21	94.62	516.76	83.06	258.12			
1H-4, 60	5.10	5.10	IW-Rh	5.55	7.67			554.93	26.59	1.03				497.51	1.51	17.85	28.47	106.52	582.01	98.33	226.00			
1H-4, 90	5.40	5.40	IW-Rh	5.54	7.48			555.38	26.48	1.03				440.54	1.85	19.59	25.96	98.44	544.22	86.62	225.06			
1H-4, 120	5.70	5.70	IW-Rh	6.03	7.81			558.66	25.63	0.91				390.95	1.94	9.32	25.84	83.13	467.31	82.77	261.14	42.54		
1H-5, 10	6.10	6.10	IW-Rh											630.66	1.32	12.97	26.84	104.60	597.75	90.52	260.20			
1H-5, 30	6.30	6.30	IW-Rh	5.82	7.64			554.05	25.46	0.95				547.52	1.76	8.37	26.99	107.79	537.72	87.15	301.96			
1H-5, 60	6.60	6.60	IW-Rh	6.08	7.60			547.95	25.44	1.02				612.74	2.24	3.04	25.27	99.46	557.88	85.08	283.63	47.39		
2H-1, 10	6.90	7.67	IW-Rh	6.53	7.58			559.44	25.87	1.04				455.03	1.84	11.04	24.72	98.29	526.47	86.69				
2H-1, 30	7.10	7.87	IW-Rh	6.60	7.42			549.18	25.27	1.02				427.35	1.73	12.48	25.00	100.59	554.31	86.44				
2H-1, 60	7.40	8.17	IW-Rh	6.72	7.56			552.28	25.36	1.03				438.82	1.80	12.16	24.45	99.89	532.83	85.21		59.87		
2H-1, 90	7.70	8.47	IW-Rh	6.91	7.61			550.54	25.03	1.02				452.10	2.09	10.41	25.76	102.52	571.10	87.43				
2H-1, 120	8.00	8.77	IW-Rh	6.94	7.51			553.72	24.58	0.96	471.69	9.93	48.78	11.27	469.36	2.01	10.31	25.67	101.23	567.91	86.36	359.91	58.44	
2H-2, 17	8.47	9.24	IW-Rh	7.03	7.58			548.78	24.10	0.94	464.98	9.72	47.63	10.98	549.31	1.93	8.70	25.37	110.52	581.97	86.03			
2H-2, 30	8.60	9.37	IW-Rh	7.31	7.65			550.12	24.15	0.95				557.90	1.16	7.77	24.74	113.28	589.44	88.35		56.63		
2H-2, 60	8.90	9.67	IW-Rh	7.20	7.59			546.29	24.36	1.02				494.46	1.95	14.88	25.69	107.04	572.62	86.52				
2H-2, 90	9.20	9.97	IW-Rh	7.19	7.46			545.78	23.95	0.94				449.36	1.19	16.68	24.92	102.19	561.93	87.10		60.15		
2H-3, 60	10.40	11.17	IW-Rh	7.57	7.49			551.57	23.67	0.95				603.03	1.28	22.81	27.67	119.54	627.52	96.53	448.08	60.39		
2H-4, 60	11.90	12.67	IW-Rh	8.23	7.83			555.39	23.63	0.96		</												