

Profile	Latitude	Longitude	Depth (ft)	As (ug/L)	Fe (mg/L)	Mn (mg/L)	S (mg/L)	Na (mg/L)	Mg (mg/L)	Si (mg/L)	K (mg/L)	Ca (mg/L)	Fe(II)/Fe	As (mg/kg)	P-ext	As (mg/kg)
NS06/36	23.788	90.612	10	2.4	0.01	0.02	2.52	9.3	5.8	26.8	1.6	7.2	0.18			
			15	2.5	0.05	0.03	1.16	8.8	5.3	23.5	3.1	10.8	0.28		0.21	
			20	3.7	0.02	0.02	3.93	7.2	6.7	19.3	6.2	11.3	0.30		0.24	
			25	2.4	0.01	0.26	0.80	5.9	6.0	19.1	10.7	10.5	0.37		0.41	
			30	2.7	0.01	0.87	0.70	6.9	10.5	20.8	14.8	15.5	0.36		0.32	
			35	3.5	0.02	1.48	0.95	7.3	10.4	19.0	16.6	17.7	0.40		0.19	
			40	6.5	0.25	2.61	2.52	11.8	7.6	17.4	8.9	17.8	0.67		0.09	
			45	8.4	1.44	2.96	4.53	12.4	9.6	18.5	6.6	21.2	0.70		0.09	
			55	62.9	8.95	3.79	13.83	21.9	21.8	22.1	5.1	63.8	0.81		0.52	
NS07/37	23.775	90.593	20	39.3	17.58	1.47	193.02	328.2	232.2	21.5	21.0	421.2	0.83		0.15	
			25	224.4	8.38	3.15	0.22	37.8	42.5	23.1	5.1	127.4	0.86		0.49	
			30	239.0	0.16	3.71	0.60	21.7	29.3	22.7	4.4	99.8	0.61		0.78	
			35	253.5	0.01	0.47	5.09	26.6	30.9	20.5	15.7	64.9	0.41		0.89	
			40	468.0	0.05	1.91	1.41	22.4	22.0	19.6	7.1	70.4	0.51		1.26	
			45	609.4	2.80	2.31	0.14	34.8	17.1	12.2	5.7	62.6	0.77		0.81	
			50	200.6	0.02	0.36	4.71	38.0	24.7	18.5	16.4	52.6	0.66		1.05	
			70	279.1	1.56	0.36	0.37	118.8	21.4	18.3	10.4	37.0	0.86		0.52	
NS19	25.911	88.533	60	26.7	3.0	0.20	0.4	11.0	4.2	15.1	2.7	17.1	0.78	0.38	0.05	
			70	9.8	2.8	0.13	0.5	9.6	2.0	19.1	2.6	7.7	0.65	0.37		
			80	4.1	0.2	0.17	0.7	9.7	2.6	19.9	8.9	10.1	0.82	0.11	0.02	
			90	4.0	0.1	0.16	0.6	9.6	2.4	21.4	7.5	10.5	0.86	0.04	0.01	
			100	12.3	15.4	0.52	0.7	10.9	3.8	26.6	9.4	13.7	0.93	0.11	0.02	
			110	14.2	38.3	0.39	0.3	9.8	2.8	26.3	3.1	12.6	0.72	0.10		
NS20	25.867	88.36	30	1.0	0.0	0.05	2.4	5.5	2.3	9.99	4.0	14.9	0.62	0.15	0.07	
			40	1.6	0.1	0.26	1.5	8.8	5.3	17.20	12.8	15.0	0.53	0.14	0.10	
			50	1.2	0.0	0.09	0.7	5.7	3.6	18.06	6.0	7.8	0.64	0.15	0.10	
			60	2.0	0.2	0.21	1.2	7.5	5.3	17.97	12.7	10.7	0.54	0.09	0.08	
			70	1.0	0.1	0.12	1.1	7.2	5.6	17.24	7.0	7.2	0.62	0.08	0.05	
			80	1.4	4.0	0.07	1.3	6.2	2.8	18.92	5.1	4.6	0.62	0.04	0.01	
			90	1.1	5.1	0.16	1.2	7.2	3.9	18.35	4.5	6.7	0.75	0.04	0.01	
			100	4.1	9.7	0.42	0.3	9.1	3.1	22.06	3.4	8.8	0.66	0.09	0.01	
NS21	23.076	90.828	11	110.8	2.3	1.66	0.3	33.9	36.9	32.7	14.4	83.3	0.58	3.1	1.94	
			15	787.4	0.0	0.29	0.3	25.1	32.8	10.1	11.3	63.4	0.74	10.7	7.11	
			20	919.3	0.7	0.15	0.3	177.4	14.6	13.3	11.2	27.8	0.77	3.8	4.04	
			25	758.4	7.1	0.74	0.5	587.5	55.5	15.6	20.0	152.4	0.77	3.5	3.01	
			35	498.0	20.5	0.31	0.6	667.0	57.1	23.3	17.3	178.3	0.81	3.0	1.58	
			40	422.7	17.1	0.21	0.5	575.7	45.4	25.6	15.1	147.2	0.83	3.6	2.05	
			62	459.2	14.3	0.21	0.5	651.0	74.3	23.6	16.5	130.4	0.85	3.2	1.16	
			75	398.1	4.2	0.11	0.5	892.6	113.6	24.5	21.9	130.9	0.80	1.1	0.86	
NS23	23.078	90.828	14	93.6	18.8	0.44	0.3	9.1	12.2	18.8	5.0	20.8	0.82	1.4	0.71	
			20	100.4	6.4	0.44	0.3	7.0	10.6	19.1	4.6	20.7	0.81	1.1	0.80	
			30	487.5	6.8	0.16	0.2	35.8	19.4	18.4	7.7	34.6	0.83	2.0	1.04	
			45	665.9	11.0	0.16	0.4	358.1	42.4	21.0	13.0	90.2	0.79	1.3	0.83	
			55	745.3	13.8	0.26	0.4	535.3	54.4	17.6	15.1	102.3	0.75	1.7	1.43	
			66	539.1	10.5	0.18	0.5	721.8	82.5	21.8	16.7	123.0	0.95	5.1	1.75	