

Table 3

Monthly Values for Smith Lake 1 Site - 1999											
1999 Monthly Data											
	10	25	50	75	80	85	90	95	100		
	Probe Depth (cm)										
January-99											
Average	-13.63	-5.74	-2.66	-1.38	-1.11	-0.93	-0.81	-0.74	-0.72		
Median	-14.07	-5.68	-2.48	-1.21	-0.94	-0.72	-0.54	-0.45	-0.42		
Std Dev	3.52	1.12	0.85	0.82	0.75	0.67	0.58	0.53	0.47		
Max	-6.90	-3.90	-1.33	-0.32	-0.28	-0.28	-0.29	-0.29	-0.34		
Min	-19.76	-7.73	-4.58	-3.15	-2.77	-2.48	-2.22	-2.06	-1.94		
	Probe Depth (cm)										
February-99	10	25	50	75	80	85	90	95	100		
Average	-13.51	-8.02	-5.69	-4.51	-4.18	-3.92	-3.68	-3.53	-3.43		
Median	-13.07	-7.77	-5.62	-4.63	-4.35	-4.13	-3.94	-3.82	-3.75		
Std Dev	2.92	0.90	0.47	0.49	0.52	0.54	0.57	0.58	0.59		
Max	-8.82	-6.62	-4.59	-3.16	-2.79	-2.49	-2.23	-2.07	-1.97		
Min	-19.12	-9.45	-6.47	-5.14	-4.78	-4.51	-4.25	-4.09	-3.98		
	Probe Depth (cm)										
March-99	10	25	50	75	80	85	90	95	100		
Average	-8.71	-6.30	-5.19	-4.59	-4.40	-4.26	-4.14	-4.05	-4.00		
Median	-8.90	-6.49	-5.38	-4.70	-4.49	-4.33	-4.19	-4.09	-4.04		
Std Dev	2.79	1.18	0.63	0.41	0.36	0.31	0.27	0.26	0.24		
Max	-2.52	-3.91	-4.01	-3.79	-3.69	-3.62	-3.56	-3.51	-3.50		
Min	-13.81	-8.10	-5.99	-5.12	-4.86	-4.67	-4.49	-4.38	-4.32		

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		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
April-99											
Average		-8.71	-6.30	-5.19	-4.59	-4.40	-4.26	-4.14	-4.05	-4.00	
Median		-8.90	-6.49	-5.38	-4.70	-4.49	-4.33	-4.19	-4.09	-4.04	
Std Dev		2.79	1.18	0.63	0.41	0.36	0.31	0.27	0.26	0.24	
Max		-2.52	-3.91	-4.01	-3.79	-3.69	-3.62	-3.56	-3.51	-3.50	
Min		-13.81	-8.10	-5.99	-5.12	-4.86	-4.67	-4.49	-4.38	-4.32	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
May-99											
Average		-1.90	-2.41	-2.58	-2.74	-2.73	-2.74	-2.76	-2.75	-2.79	
Median		-1.88	-2.26	-3.16	-3.20	-3.18	-3.16	-3.16	-3.11	-3.13	
Std Dev		4.15	1.96	1.47	1.06	0.96	0.88	0.81	0.77	0.73	
Max		17.40	-0.36	-0.73	-1.16	-1.22	-1.32	-1.40	-1.44	-1.51	
Min		-9.77	-5.54	-4.33	-3.94	-3.80	-3.71	-3.64	-3.58	-3.57	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
June-99											
Average		6.49	0.64	-0.67	-0.95	-1.00	-1.05	-1.12	-1.14	-1.21	
Median		6.02	0.47	-0.67	-0.94	-0.98	-1.04	-1.10	-1.12	-1.19	
Std Dev		6.29	0.94	0.04	0.09	0.10	0.11	0.12	0.12	0.13	
Max		24.79	2.74	-0.57	-0.80	-0.84	-0.88	-0.93	-0.94	-1.01	
Min		-2.82	-0.42	-0.74	-1.16	-1.22	-1.30	-1.40	-1.42	-1.50	

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		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
July-99											
Average		14.09	4.18	-0.54	-0.72	-0.75	-0.81	-0.87	-0.88	-0.95	
Median		13.63	4.35	-0.56	-0.77	-0.79	-0.83	-0.88	-0.89	-0.95	
Std Dev		6.39	1.79	0.06	0.11	0.09	0.08	0.07	0.07	0.06	
Max		33.23	7.68	-0.41	-0.46	-0.54	-0.66	-0.73	-0.77	-0.85	
Min		-0.61	0.09	-0.65	-0.86	-0.88	-0.92	-0.98	-0.99	-1.06	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
August-99											
Average		13.69	7.06	-0.22	-0.58	-0.60	-0.66	-0.71	-0.73	-0.79	
Median		13.13	6.98	-0.23	-0.61	-0.63	-0.68	-0.73	-0.74	-0.80	
Std Dev		5.39	1.78	0.22	0.08	0.08	0.08	0.07	0.07	0.06	
Max		27.73	11.76	0.26	-0.43	-0.43	-0.50	-0.56	-0.58	-0.65	
Min		1.15	3.16	-0.52	-0.71	-0.74	-0.79	-0.84	-0.86	-0.91	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
September-99											
Average		11.35	6.98	0.79	-0.31	-0.37	-0.41	-0.47	-0.49	-0.57	
Median		11.35	7.07	0.80	-0.37	-0.39	-0.40	-0.45	-0.48	-0.56	
Std Dev		5.07	2.16	0.23	0.12	0.06	0.04	0.06	0.06	0.06	
Max		27.20	12.44	1.46	-0.10	-0.24	-0.34	-0.38	-0.41	-0.48	
Min		-1.19	1.60	0.31	-0.49	-0.47	-0.54	-0.61	-0.64	-0.70	

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		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
October-99											
Average		3.90	2.71	0.35	-0.17	-0.25	-0.34	-0.40	-0.42	-0.49	
Median		3.55	2.63	0.38	-0.16	-0.25	-0.34	-0.40	-0.42	-0.49	
Std Dev		5.22	2.03	0.29	0.06	0.03	0.02	0.02	0.02	0.02	
Max		14.69	7.53	0.88	-0.03	-0.18	-0.30	-0.33	-0.36	-0.43	
Min		-9.15	-0.43	-0.28	-0.33	-0.33	-0.40	-0.45	-0.47	-0.55	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
November-99											
Average		-5.05	-1.72	-0.33	-0.34	-0.31	-0.32	-0.35	-0.37	-0.43	
Median		-5.46	-1.79	-0.33	-0.34	-0.32	-0.33	-0.36	-0.37	-0.44	
Std Dev		4.04	1.37	0.01	0.02	0.02	0.02	0.02	0.02	0.02	
Max		2.94	-0.37	-0.27	-0.29	-0.27	-0.28	-0.31	-0.32	-0.39	
Min		-14.87	-4.71	-0.36	-0.37	-0.34	-0.36	-0.39	-0.41	-0.47	
		Probe Depth (cm)									
		10	25	50	75	80	85	90	95	100	
December-99											
Average		-8.85	-3.64	-0.32	-0.32	-0.29	-0.30	-0.33	-0.34	-0.40	
Median		-9.00	-3.66	-0.32	-0.32	-0.29	-0.31	-0.33	-0.34	-0.40	
Std Dev		2.06	0.71	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Max		-4.08	-2.01	-0.28	-0.28	-0.25	-0.26	-0.30	-0.30	-0.37	
Min		-13.10	-4.91	-0.37	-0.37	-0.34	-0.35	-0.37	-0.39	-0.44	