

































Table 5. Soils data for Toolik lake permanent plots

Sample No.	Plot No.	Paste pH	Paste EC mmhos/cm	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> H-CO <sub>3</sub> -DTPA Extract (ppm)	NH <sub>4</sub> OAc Extract (meq/100g)	NH <sub>4</sub> OAc Extract (meq/100g)	NH <sub>4</sub> OAc Extract (meq/100g)	NH <sub>4</sub> OAc Extract (meq/100g)	% CaCO <sub>3</sub> equivalent	meq/100g CEC	Bray# P ppm
				NO <sub>3</sub> -N	P	K	Zn	Fe	Mn	Cu	Ca	Mg	Na	K			
T-175	SWT-73	4.6	0.3	6	1.1	21.9	1.7	540	16.2	3.8	0.78	0.25	0.25	0.12	<0.1	4.9	12.8
T-176	SWT-74	4.6	0.3	10	14	3.6	2.4	923	23.7	7.4	##	##	##	##	##	6.5	11
T-177	SWT-75	4.2	0.4	20	18.2	2520	103	277	1330	6.9	18.76	9.43	1.38	4.92	<0.1	33.3	****
T-178	SWT-75	5.2	1	<4	8	324	15.4	856	1912	5.8	8.72	3.8	0.48	0.77	<0.1	45	<0
T-179	SWT-75	4.5	0.5	8	15.2	102	25.5	3420	776	18.8	6.3	2.36	0.44	0.16	<0.1	24	****
T-180	SWT-75	4.3	0.4	<1	5	21.7	3.6	934	22.1	7.3	2.07	0.81	0.34	0.17	<0.1	13.3	14
T-181	SWT-76	4.5	1.1	20	70	411	4.8	1740	198	2.1	##	##	##	##	##	11.3	80
T-182	SWT-76																
T-183	SWT-76																
T-184	SWT-77																
T-185	SWT-77																
T-186	SWT-77	5.9	0.7	20	28	18	14.4	1420	299	28.4	##	##	##	##	##	82.2	128.4
T-187	SWT-78	4.6	0.5	20	11	260	33.1	6350	435	11.3	##	##	##	##	##	26.6	0.4
T-188	SWT-78																
T-189	SWT-79	4.5	0.5	40	167	2530	126	629	1990	6.7	35.83	14.79	3.34	7.86	<0.1	51.9	****
T-190	SWT-79	5.8	0.8	10	3	849	28.3	659	5410	5.2	13.63	6.52	0.87	2.46	1.5	53	7.2
T-191	SWT-79	4.5	0.6	20	8	379	36.2	4460	2320	13.4	15.67	5.89	0.91	1.04	<0.1	48.3	<0
T-192	SWT-79	4.2	0.5	8	15.2	133	19.6	3364	75.6	17.1	4.62	1.67	0.39	0.3	<0.1	23.2	17.2
T-193	SWT-79	4.5	0.4	2	2.8	38.7	2.8	745	24.8	4.9	1.1	0.36	0.08	0.07	<0.1	6.7	19.8
T-194	SWT-80	4.6	0.3	10	8	15.6	4.9	1960	21.7	10.6	##	##	##	##	##	6.1	5
T-195	SWT-81																
T-196	SWT-81																
T-197	SWT-81	4.8	0.5	10	38	140	18.7	1980	358	11	##	##	##	##	##	28.5	29.4
T-198	SWT-81																
T-199	SWT-81	7.1	0.4	2	3.1	65.3	1.1	98.1	4.1	2.7	7.54	0.86	0.16	0.18	0.4	10.2	