

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
2	031C761191	44.949362	-77.892354	405	0		2.3	88.2	87.7	86.7	1.2	3.71	2.3	0.03	3.7	40	3.2	0.2	0.22	0.03		
3	031C761192	44.971162	-77.891154	405	0		2.1	33.4	32.4	29.6	3.0	0.91	8.7	0.07	7.3	40	3.3	1.8	1.09	0.05		
4	031C761194	44.915662	-77.903654	405	0		0.7	86.2	87.5	84.7	3.1	2.47	1.1	-0.02	6.8	40	0.8	0.1	0.16	-0.02		
5	031C761195	44.887762	-77.916454	405	0		1.3	89.8	90.1	89.0	1.2	2.50	0.9	0.02	4.5	40	1.3	-0.1	0.18	-0.02		
6	031C761196	44.853364	-77.884552	405	0		1.9	47.0	45.9	43.8	0.5	2.26	6.5	0.05	3.2	50	4.4	1.2	0.95	0.08		
7	031C761197	44.813963	-77.881952	405	0		4.1	52.6	55.2	52.6	0.4	0.56	3.5	0.06	1.5	50	3.4	0.2	0.19	0.10		
8	031C761290	44.800164	-77.850151	405	0		5.0	46.6	50.3	47.3	0.6	0.57	5.2	0.04	2.1	50	1.9	0.8	0.63	0.04		
9	031C761291	44.837864	-77.841851	405	0		1.7	-1.0	1.6	1.0	0.4	0.13	13.8	0.11	3.7	50	4.6	3.0	1.55	0.08		
10	031C761292	44.865163	-77.795349	405	0		1.1	54.8	57.5	54.5	1.5	1.03	3.1	0.04	5.2	50	3.2	0.6	0.68	0.11		
11	031C761293	44.880564	-77.809949	405	0		1.1	79.8	80.0	78.6	0.8	2.10	2.4	0.03	2.9	40	2.0	0.3	0.31	0.05		
12	031C761294	44.925364	-77.83235	405	0		3.5	56.6	59.5	56.8	0.9	0.93	4.0	0.05	1.6	60	4.2	0.5	0.37	0.10		
13	031C761295	44.938364	-77.815449	405	0		3.3	11.6	10.9	10.0	0.6	0.22	12.4	0.10	3.9	60	4.6	2.4	1.64	0.08		
14	031C761296	44.983063	-77.641243	405	0		0.9	31.0	49.6	29.8	19.7	1.90	3.0	0.03	28.2	-10	3.1	0.6	0.95	0.03		
15	031C761297	44.972263	-77.648143	405	0		2.8	67.6	67.5	66.3	0.8	3.07	4.5	0.04	3.4	50	3.3	0.9	0.77	0.03		
16	031C761298	44.954063	-77.660043	405	0		0.8	23.6	40.7	27.0	9.8	0.71	7.6	-0.02	21.2	10	2.7	0.4	0.85	0.02		
17	031C761299	44.928463	-77.717446	405	0		1.2	54.0	57.2	54.2	0.7	0.85	3.4	0.04	1.3	50	1.6	0.5	0.27	0.05		
18	031C761302	44.879563	-77.640943	405	0		1.5	22.2	22.9	21.2	0.5	0.36	11.5	0.11	3.6	60	5.3	2.6	1.88	0.08		
19	031C761304	44.832263	-77.674944	405	1		1.5	37.2	39.4	35.7	-0.2	0.83	7.1	0.06	2.3	50	4.0	1.0	0.83	0.08		
20	031C761305	44.832263	-77.674944	405	2		1.4	36.2														
21	031C761307	44.793763	-77.659744	405	0		0.5	89.6	89.1	87.8	0.5	1.87	1.3	0.04	3.5	50	0.9	0.2	0.18	0.02		
22	031C761308	44.786163	-77.707346	405	0		1.4	86.4	85.1	84.1	0.6	3.64	1.8	0.04	3.6	50	3.2	0.3	0.35	0.03		
23	031C761309	44.760163	-77.715046	405	0		0.5	56.4	58.9	55.8	2.4	1.18	1.9	0.06	2.4	40	9.9	0.2	0.12	0.36		
24	031C761310	44.758763	-77.640343	405	0		0.9	50.2	52.5	48.8	0.6	1.16	3.5	0.04	2.1	60	2.7	0.4	0.77	0.06		
25	031C761311	44.777863	-77.626242	405	0		0.6	58.4	58.9	56.9	0.2	0.93	4.9	0.04	2.8	50	2.9	0.7	0.88	0.07		
26	031C761313	44.815763	-77.595641	405	0		-0.5	70.8														
27	031C761314	44.848563	-77.57814	405	0		2.3	33.8	36.8	34.4	-0.2	1.62	8.8	0.07	3.4	60	5.4	1.7	1.60	0.08		
28	031C761316	44.868363	-77.614542	405	0		0.9	22.4	36.9	22.3	13.6	0.81	6.2	0.05	21.7	10	2.6	1.3	1.07	0.04		
29	031C761317	44.893763	-77.629042	405	0		1.4	14.6	14.5	13.0	0.6	0.16	12.9	0.13	3.8	60	6.0	3.0	2.16	0.11		
30	031C761318	44.903363	-77.592441	405	0		1.3	9.2	10.6	9.4	0.8	0.14	13.2	0.11	4.2	60	4.9	2.9	2.09	0.08		
31	031C761319	44.897562	-77.537139	405	0		1.1	35.0	56.4	37.5	18.8	2.40	1.8	-0.02	28.1	-10	2.6	0.2	0.59	0.05		
32	031C761352	44.936162	-77.509338	405	0		1.8	88.0	85.9	84.2	0.6	3.94	1.2	0.03	3.8	40	2.7	0.2	0.34	0.04		
33	031C761353	44.918962	-77.515938	405	0		0.6	90.2	87.2	86.2	-0.2	-0.02	1.8	0.03	2.4	50	0.8	0.1	0.21	0.02		
34	031C761354	44.938263	-77.57344	405	0		1.3	26.6	26.9	24.9	1.7	0.54	9.1	0.12	4.4	60	7.6	2.0	1.73	0.60		
35	031C761355	44.942063	-77.614042	405	0		0.9	37.4	43.3	35.1	9.2	1.70	4.4	0.08	14.4	30	12.7	0.9	0.79	0.38		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
2	031C761191	-0.1	0.33	-20	3.8	80	0.08	-10
3	031C761192	2.1	0.28	30	41.6	390	0.49	530
4	031C761194	-0.1	0.15	-20	3	90	0.07	-10
5	031C761195	-0.1	0.16	-20	2.4	80	0.05	-10
6	031C761196	1.3	0.21	30	37.2	270	0.56	480
7	031C761197	-0.1	0.65	-20	36.8	100	0.10	-10
8	031C761290	0.7	0.38	-20	39.4	110	0.28	-10
9	031C761291	3.9	0.22	70	65.4	480	0.59	450
10	031C761292	0.4	0.28	-20	29.8	140	0.18	60
11	031C761293	0.1	0.29	-20	13.6	100	0.11	30
12	031C761294	0.3	0.55	-20	31.4	130	0.18	50
13	031C761295	3.3	0.24	50	60.8	510	0.74	590
14	031C761296	0.3	0.20	-20	12.6	170	0.16	40
15	031C761297	0.7	0.27	30	19.5	180	0.28	170
16	031C761298	1.9	0.12	-20	26.2	320	0.23	60
17	031C761299	0.4	0.31	-20	36.7	100	0.17	50
18	031C761302	2.5	0.25	70	48.3	360	0.62	200
19	031C761304	1.3	0.29	40	43.5	170	0.35	130
20	031C761305							
21	031C761307	-0.1	0.23	-20	5.7	120	0.08	10
22	031C761308	-0.1	0.25	-20	5.2	140	0.11	-10
23	031C761309	-0.1	0.32	-20	28.5	40	0.06	-10
24	031C761310	0.4	0.34	-20	38.5	130	0.21	50
25	031C761311	0.6	0.24	-20	29.3	160	0.32	100
26	031C761313							
27	031C761314	1.9	0.24	40	40.4	300	0.56	260
28	031C761316	1.2	0.14	30	29.1	270	0.30	100
29	031C761317	2.9	0.28	70	54.9	390	0.69	220
30	031C761318	3.3	0.24	60	59.4	430	0.66	330
31	031C761319	0.1	0.16	-20	7	210	0.08	10
32	031C761352	-0.1	0.32	20	5.3	80	0.10	10
33	031C761353	-0.1	0.14	-20	7.5	60	0.06	-10
34	031C761354	1.6	0.42	60	45.7	290	0.52	110
35	031C761355	0.6	0.99	30	22.1	170	0.23	60

ANALYTICAL DATA LAKE SEDIMENT ADDITIONAL ANALYSIS						LAKE SEDIMENT GEOCHEMICAL DATA BANCROFT, ON AREA (PARTS OF NTS 031C, D, E AND F)														* ORIGINAL DATA *			
Station # <i>Location</i> <i>Map</i>	Unique ID	Latitude NAD83	Longitude NAD83	Original GSC OF #	Rep Stat	Element Lower Detection Limit Unit Dissolution Instrumentation	U 0.5 PPM -	LOI 1.0 % 500°C Grav	LOI 0.2 % 900°C Grav	C-Org 0.2 % - LECO	CO <sub>2</sub> 0.2 % - Titration	S 0.02 % Fusion XRF-LiBO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub> 0.1 % Fusion XRF-LiBO <sub>2</sub>	BaO 0.02 % Fusion XRF-LiBO <sub>2</sub>	CaO 0.1 % Fusion XRF-LiBO <sub>2</sub>	Cr 10 PPM XRF-LiBO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub> 0.1 % Fusion XRF-LiBO <sub>2</sub>	K <sub>2</sub> O 0.1 % Fusion XRF-LiBO <sub>2</sub>	MgO 0.05 % Fusion XRF-LiBO <sub>2</sub>	MnO 0.02 % Fusion XRF-LiBO <sub>2</sub>			
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03			
36	031C761356	44.994562	-77.57174	405	0		0.8	63.6	60.3	57.9	0.5	1.38	3.5	0.04	2.4	70	2.6	0.3	0.91	0.03			
37	031C763100	44.970962	-77.993957	405	0		17.4	31.4	32.9	30.5	0.6	0.52	7.2	0.06	2.3	60	4.0	1.2	1.00	0.08			
38	031C763102	44.910662	-77.983856	405	0		1.2	83.2	83.1	82.2	0.8	1.90	1.9	0.03	3.3	50	2.3	0.3	0.54	0.08			
39	031C763103	44.878061	-77.985555	405	0		0.7	22.2	54.1	20.9	28.3	0.62	0.2	-0.02	42.7	-10	0.2	-0.1	0.23	-0.02			
40	031C763104	44.833161	-77.983854	405	1		2.1	5.4	5.3	4.7	0.3	0.24	13.8	0.06	5.9	90	4.8	1.5	2.73	0.07			
41	031C763105	44.833161	-77.983854	405	2		1.7	5.6															
42	031C763106	44.785661	-77.985954	405	0		7.6	31.2	32.4	30.2	0.8	0.53	8.0	0.30	2.8	60	8.0	1.7	1.43	3.71			
43	031C763107	44.752761	-77.952853	405	0		1.4	30.8	74.5	73.3	0.9	0.98	1.5	0.03	2.4	40	1.8	0.1	0.10	0.04			
44	031C763191	44.757761	-77.910552	405	0		17.0	53.8	53.4	50.5	0.8	0.67	3.0	0.05	1.9	40	1.9	0.1	0.18	0.08			
45	031C763192	44.785661	-77.953453	405	0		9.3	57.0	56.6	54.5	0.6	1.09	3.5	0.04	2.4	50	2.6	0.6	0.68	0.06			
46	031C763193	44.808561	-77.961953	405	0		7.0	41.2	41.4	38.8	0.7	0.43	3.3	0.05	1.4	50	4.1	0.5	0.61	0.24			
47	031C763194	44.828161	-77.944653	405	0		1.0	85.2															
48	031C763195	44.875861	-77.948655	405	0		2.3	92.0	91.6	90.9	0.7	2.37	0.8	0.03	2.7	40	0.6	0.1	0.09	-0.02			
49	031C763196	44.891461	-77.936055	405	0		1.0	83.6	82.4	81.2	0.9	2.20	1.6	0.03	3.1	50	2.9	0.2	0.41	0.09			
50	031C763197	44.941562	-77.933255	405	0		1.0	48.4	47.7	46.0	1.6	1.15	4.1	0.11	4.1	50	13.6	0.9	0.76	0.79			
51	031C763198	44.943462	-77.975956	405	0		1.9	64.6															
52	031C763199	44.958762	-77.932155	405	0		0.9	55.8	56.1	53.8	2.6	1.68	1.9	0.07	5.4	40	6.0	0.4	0.44	0.29			
53	031C763200	44.983562	-77.921855	405	0		3.9	52.8	52.9	50.2	0.5	1.63	2.7	0.04	2.3	50	3.0	0.5	0.96	0.25			
54	031C763202	44.975063	-77.766347	405	1		-0.5	89.0	89.1	87.8	0.7	1.90	1.4	0.03	3.8	40	1.2	0.2	0.30	0.06			
55	031C763203	44.975063	-77.766347	405	2		0.6	89.4															
56	031C763204	44.949163	-77.772848	405	0		3.2	52.4	49.6	48.5	0.8	0.75	6.4	0.06	3.3	90	3.4	1.2	1.04	0.07			
57	031C763205	44.917663	-77.786948	405	0		2.1	77.2	75.7	74.5	0.8	2.52	3.4	0.04	3.1	50	2.8	0.5	0.56	0.03			
58	031C763206	44.913363	-77.758947	405	0		1.5	54.6	55.2	54.0	0.7	1.87	6.0	0.06	3.8	60	3.2	1.1	0.93	0.05			
59	031C763207	44.877063	-77.739947	405	0		1.1	53.6	53.1	50.5	0.8	0.94	5.1	0.04	3.4	50	3.1	0.5	1.05	0.04			
60	031C763208	44.836063	-77.767348	405	0		1.1	52.0	57.9	54.6	1.0	0.46	4.3	0.08	1.7	50	3.4	0.1	0.19	0.21			
61	031C763209	44.829264	-77.81105	405	0		0.9	70.8	73.2	71.4	0.6	1.40	1.2	0.03	1.8	50	1.1	0.1	0.21	-0.02			
62	031C763210	44.810964	-77.795249	405	0		1.9	89.2	88.9	87.7	0.7	2.98	1.8	0.03	2.8	40	0.9	0.2	0.30	0.03			
63	031C763211	44.785963	-77.776248	405	0		0.5	18.8	41.2	7.9	28.4	0.57	2.1	-0.02	42.9	-10	1.5	0.4	0.73	0.07			
64	031C763212	44.772864	-77.81385	405	0		2.1	80.2	79.5	78.4	0.8	0.91	1.9	0.04	2.5	50	1.0	0.3	0.16	-0.02			
65	031C763300	44.755463	-77.749247	405	0		10.1	43.4	44.7	42.6	0.9	0.41	6.1	0.04	1.9	70	3.7	0.6	0.85	0.09			
66	031C763302	44.786663	-77.743647	405	0		1.9	36.6	34.6	31.2	0.5	0.24	6.9	0.11	2.5	60	6.7	0.8	0.86	0.53			
67	031C763303	44.803063	-77.740447	405	0		1.1	74.0	74.0	71.8	0.8	1.76	2.0	0.04	3.1	40	2.2	0.3	0.38	0.08			
68	031C763304	44.826863	-77.695645	405	0		1.4	43.8	49.2	45.5	0.3	0.85	5.6	0.05	2.4	50	3.7	0.7	0.68	0.10			
69	031C763307	44.910163	-77.721346	405	0		1.2	58.6	60.1	56.8	0.7	0.84	4.0	0.04	1.9	50	2.9	0.4	0.34	0.13			

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
36	031C761356	0.5	0.26	-20	30.6	90	0.29	40
37	031C763100	1.2	0.29	30	49.4	270	0.35	210
38	031C763102	-0.1	0.28	-20	9.8	80	0.14	10
39	031C763103	-0.1	0.04	-20	1.2	270	-0.02	-10
40	031C763104	3.5	0.21	-20	60.9	470	0.63	260
41	031C763105							
42	031C763106	1.4	0.41	50	39.7	310	0.50	210
43	031C763107	-0.1	0.34	-20	20.8	120	0.07	-10
44	031C763191	-0.1	0.42	-20	40.5	130	0.07	-10
45	031C763192	0.4	0.22	-20	34.1	130	0.25	120
46	031C763193	0.3	0.75	30	48.4	90	0.18	50
47	031C763194							
48	031C763195	-0.1	0.14	-20	3.2	70	0.06	-10
49	031C763196	-0.1	0.35	-20	10.5	100	0.11	-10
50	031C763197	0.8	1.49	30	27.7	170	0.24	130
51	031C763198							
52	031C763199	0.2	0.93	-20	28.8	100	0.13	40
53	031C763200	0.4	0.21	30	38	100	0.17	50
54	031C763202	-0.1	0.23	-20	5.5	90	0.10	-10
55	031C763203							
56	031C763204	1.2	0.27	30	34.9	340	0.39	290
57	031C763205	0.4	0.20	-20	14.3	150	0.24	100
58	031C763206	1.2	0.23	50	28.4	310	0.38	240
59	031C763207	0.7	0.30	-20	33.2	180	0.29	100
60	031C763208	-0.1	0.96	-20	33.7	100	0.11	-10
61	031C763209	-0.1	0.13	-20	23.7	80	0.06	-10
62	031C763210	-0.1	0.30	-20	5	100	0.09	-10
63	031C763211	0.3	0.05	-20	10.3	230	0.10	30
64	031C763212	0.1	0.28	-20	15.7	130	0.10	-10
65	031C763300	0.7	0.38	30	42.9	170	0.29	100
66	031C763302	0.8	0.49	40	46.8	150	0.29	90
67	031C763303	0.1	0.33	-20	18.4	70	0.11	-10
68	031C763304	0.7	0.35	30	37.7	120	0.28	90
69	031C763307	0.3	0.39	-20	31.8	60	0.15	40

ANALYTICAL DATA LAKE SEDIMENT ADDITIONAL ANALYSIS						LAKE SEDIMENT GEOCHEMICAL DATA BANCROFT, ON AREA (PARTS OF NTS 031C, D, E AND F)												* ORIGINAL DATA *				
Station # <i>Location</i> <i>Map</i>	Unique ID	Latitude NAD83	Longitude NAD83	Original GSC OF #	Rep Stat	Element Lower Detection Limit Unit Dissolution Instrumentation	U 0.5 PPM -	LOI 1.0 % 500°C Grav	LOI 0.2 % 900°C Grav	C-Org 0.2 % - LECO	CO <sub>2</sub> 0.2 % - Titration	S 0.02 % Fusion XRF-LiBO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub> 0.1 % Fusion XRF-LiBO <sub>2</sub>	BaO 0.02 % Fusion XRF-LiBO <sub>2</sub>	CaO 0.1 % Fusion XRF-LiBO <sub>2</sub>	Cr 10 PPM XRF-LiBO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub> 0.1 % Fusion XRF-LiBO <sub>2</sub>	K <sub>2</sub> O 0.1 % Fusion XRF-LiBO <sub>2</sub>	MgO 0.05 % Fusion XRF-LiBO <sub>2</sub>	MnO 0.02 % Fusion XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
70	031C763310	44.985263	-77.698645	405	0		1.3	72.4	72.2	70.8	0.6	3.27	3.0	0.03	2.6	50	3.6	0.5	0.52	0.03		
71	031C765030	44.967262	-77.525338	405	0		3.7	64.6														
72	031C765031	44.772261	-77.901352	405	0		15.2	64.8														
73	031C765042	44.819463	-77.677144	405	0		1.0	47.2	48.7	3.9	0.2	1.11	4.7	0.06	2.0	40	4.8	0.6	0.58	0.28		
74	031C765043	44.848163	-77.690245	405	0		-0.5	77.4	81.6	80.3	0.2	1.87	1.2	0.03	1.8	50	1.0	0.2	0.13	-0.02		
75	031C765044	44.858462	-77.536339	405	1		1.6	46.2														
76	031C765045	44.858462	-77.536339	405	2		1.3	47.4														
77	031C765046	44.819762	-77.521138	405	0		0.5	56.4														
78	031C765047	44.821962	-77.545839	405	0		1.2	77.8														
79	031C765049	44.779462	-77.55634	405	0		2.4	76.8														
80	031C765050	44.789962	-77.502338	405	0		2.0	42.0														
81	031D821002	44.97146	-78.486076	900	0		5.1	35.6	36.9	34.2	0.9	0.26	7.6	0.06	1.9	60	5.4	0.7	0.66	0.12		
82	031D821003	44.95796	-78.447875	900	0		2.3	52.0	57.2	54.8	0.6	0.28	1.7	0.03	1.1	50	0.9	0.2	0.18	-0.02		
83	031D821004	44.99526	-78.408973	900	0		5.4	68.6	67.5	65.5	1.1	1.45	2.2	0.04	1.9	50	1.6	0.3	0.34	0.03		
84	031D821005	44.975661	-78.411773	900	1		3.2	54.6	54.4	51.6	1.8	0.63	4.7	0.08	1.0	60	7.7	0.3	0.24	0.30		
85	031D821006	44.975661	-78.411773	900	2		3.4	55.4	54.6	51.8	1.2	0.58	4.7	0.08	1.0	60	6.3	0.3	0.24	0.27		
86	031D821007	44.958561	-78.368872	900	0		24.8	44.4	43.9	40.8	0.6	0.84	4.6	0.05	2.3	60	2.7	0.8	1.02	0.06		
87	031D821008	44.965362	-78.31597	900	0		26.8	66.6	65.0	63.2	0.7	1.04	2.1	0.03	2.4	50	1.1	0.3	0.34	0.03		
88	031D821009	44.963861	-78.269268	900	0		11.8	57.4	60.2	57.4	0.7	1.23	2.9	0.04	1.4	50	1.9	0.4	0.43	0.03		
89	031D821010	44.968061	-78.198165	900	0		30.3	51.2	50.5	47.5	0.7	0.71	6.1	0.04	0.7	60	3.0	0.3	0.20	0.02		
90	031D821011	44.957561	-78.161664	900	0		2.4	53.4	52.9	50.8	0.7	0.67	2.3	0.04	1.2	50	1.1	0.4	0.27	0.02		
91	031D821012	44.958362	-78.131061	900	0		6.1	50.0	49.7	47.5	0.7	0.36	4.3	0.04	0.9	50	1.8	0.4	0.31	0.05		
92	031D821013	44.944962	-78.092259	900	0		26.2	55.0	54.8	52.0	1.0	0.87	3.5	0.05	1.5	50	5.0	0.5	0.55	0.11		
93	031D821014	44.952462	-78.073759	900	0		15.1	73.8	74.1	72.2	0.7	1.76	1.0	0.02	1.5	50	0.6	0.2	0.22	-0.02		
94	031D821015	44.983762	-78.068859	900	0		29.9	40.0	39.5	36.4	1.0	0.54	6.3	0.07	1.5	60	5.9	0.7	0.60	0.30		
95	031D821016	44.958762	-78.028958	900	0		16.6	28.6	28.6	26.8	0.7	0.46	8.6	0.07	2.7	60	5.1	1.6	1.35	0.08		
96	031D821017	44.921662	-78.026257	900	0		2.4	59.4	59.1	56.8	0.5	1.25	2.6	0.03	2.1	50	2.2	0.4	0.48	0.03		
97	031D821018	44.911161	-78.061258	900	0		1.9	48.8	48.8	46.2	0.6	0.57	5.5	0.05	1.2	50	2.7	0.5	0.40	0.12		
98	031D821020	44.905361	-78.102759	900	0		14.3	30.2	32.4	30.2	0.6	0.27	9.2	0.07	2.2	60	6.9	1.4	1.07	0.12		
99	031D821022	44.892362	-78.14006	900	0		17.8	33.4	33.9	31.4	0.7	0.28	9.2	0.07	2.1	70	7.0	1.3	1.07	0.14		
100	031D821023	44.867861	-78.14756	900	0		7.8	58.8	58.8	56.1	1.1	0.70	3.7	0.07	1.5	60	5.4	0.2	0.18	0.26		
101	031D821024	44.872262	-78.164861	900	0		10.5	56.2	56.5	54.2	0.7	0.80	2.9	0.03	2.3	50	2.7	0.3	0.29	0.05		
102	031D821026	44.873162	-78.208462	900	1		3.0	76.4	75.1	73.9	0.4	0.99	2.0	0.03	2.0	50	1.3	0.2	0.20	0.03		
103	031D821027	44.873162	-78.208462	900	2		2.6	75.2	74.0	72.8	0.7	0.89	1.8	0.03	2.0	50	1.3	0.2	0.20	0.03		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
70	031C763310	0.6	0.10	-20	17.9	100	0.26	90
71	031C765030							
72	031C765031							
73	031C765042	0.7	0.30	-20	38.9	100	0.23	40
74	031C765043	-0.1	0.27	-20	15.3	50	0.08	-10
75	031C765044							
76	031C765045							
77	031C765046							
78	031C765047							
79	031C765049							
80	031C765050							
81	031D821002	0.7	0.57	30	46.8	300	0.29	130
82	031D821003	0.1	0.28	-20	40.3	140	0.08	-10
83	031D821004	0.2	0.33	30	27	340	0.13	50
84	031D821005	0.2	1.05	-20	32.4	80	0.12	20
85	031D821006	0.2	1.03	20	33.4	90	0.12	30
86	031D821007	0.7	0.25	20	45.2	270	0.21	80
87	031D821008	0.2	0.34	20	29.1	330	0.09	-10
88	031D821009	0.3	0.37	30	33.8	650	0.17	60
89	031D821010	0.2	0.17	20	40.4	30	0.11	50
90	031D821011	0.3	0.26	20	43	150	0.14	60
91	031D821012	0.3	0.45	40	43.2	110	0.17	30
92	031D821013	0.4	0.44	20	35.5	110	0.17	90
93	031D821014	-0.1	0.13	-20	23.6	50	0.08	-10
94	031D821015	0.6	0.74	-20	45.1	150	0.23	50
95	031D821016	1.7	0.29	40	49.1	330	0.44	390
96	031D821017	0.4	0.28	-20	34	110	0.16	80
97	031D821018	0.4	0.54	30	40.6	130	0.20	80
98	031D821020	1.4	0.42	40	45.9	260	0.39	190
99	031D821022	1.2	0.45	50	44.3	240	0.39	170
100	031D821023	0.1	1.06	-20	31.2	170	0.11	-10
101	031D821024	0.2	0.37	30	36.3	110	0.12	40
102	031D821026	-0.1	0.29	40	20	130	0.12	-10
103	031D821027	-0.1	0.24	-20	21.8	110	0.11	-10

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
104	031D821028	44.901662	-78.205464	900	0		5.9	54.4	54.9	52.2	0.3	1.19	1.6	0.03	1.5	50	1.8	0.3	0.23	0.02		
105	031D821029	44.908462	-78.193163	900	0		31.4	42.0	42.9	40.2	0.8	0.38	7.6	0.07	2.2	60	9.7	0.9	0.63	0.29		
106	031D821030	44.921662	-78.178563	900	0		3.2	50.4	51.9	48.9	0.6	0.66	3.8	0.04	0.8	50	2.3	0.2	0.13	0.03		
107	031D821031	44.936362	-78.146661	900	0		3.9	51.4	52.6	50.2	0.6	0.55	3.1	0.05	1.2	50	1.3	0.4	0.34	0.02		
108	031D821032	44.933061	-78.215766	900	0		15.4	70.8	69.5	67.8	0.5	1.72	0.8	0.03	2.0	40	0.8	0.1	0.10	-0.02		
109	031D821033	44.930961	-78.251268	900	0		141.3	54.6	55.2	52.0	0.9	0.88	3.5	0.05	1.3	50	5.1	0.2	0.21	0.10		
110	031D821034	44.903361	-78.269469	900	0		8.9	46.8	48.6	46.1	0.6	0.62	4.1	0.05	1.9	50	2.2	0.6	0.60	0.06		
111	031D821035	44.883161	-78.268269	900	0		9.3	69.8	70.7	68.8	0.5	0.83	1.7	0.03	1.5	50	1.5	0.2	0.17	0.03		
112	031D821036	44.886261	-78.352272	900	0		3.3	71.2	73.0	71.1	0.4	1.62	2.2	0.04	1.7	50	1.6	0.4	0.34	0.02		
113	031D821037	44.912461	-78.379373	900	0		24.5	46.8	49.8	45.3	0.5	1.12	5.6	0.06	2.6	50	3.7	0.8	0.79	0.10		
114	031D821038	44.930561	-78.366872	900	0		23.6	66.0	66.3	64.0	0.4	1.32	1.6	0.03	2.0	50	1.3	0.2	0.31	0.05		
115	031D821039	44.92806	-78.417974	900	0		4.9	51.4	54.5	51.9	0.5	0.50	2.5	0.04	0.6	40	0.4	0.2	0.12	-0.02		
116	031D821040	44.912659	-78.452775	900	0		1.3	66.6	68.2	66.1	0.6	0.87	2.7	0.04	0.7	50	2.7	0.3	0.18	0.03		
117	031D821043	44.93126	-78.466776	900	0		2.9	33.2	35.3	32.6	0.4	0.32	7.0	0.07	1.5	60	3.9	1.0	0.71	0.08		
118	031D821048	44.88186	-78.446775	900	0		9.2	66.2	67.5	65.5	0.3	1.30	1.3	0.02	1.6	50	0.8	0.2	0.36	-0.02		
119	031D821049	44.89326	-78.423674	900	0		3.7	67.4	68.5	66.5	0.3	1.59	1.4	0.03	1.7	50	1.0	0.3	0.34	-0.02		
120	031D821050	44.864061	-78.389573	900	0		3.3	71.2	71.8	70.0	0.2	1.46	2.2	0.04	1.5	50	1.5	0.3	0.32	0.02		
121	031D821051	44.843361	-78.350972	900	0		1.4	84.8	84.1	83.2	0.5	2.23	1.3	0.04	2.4	50	1.4	0.2	0.70	0.03		
122	031D821052	44.831561	-78.300171	900	0		7.0	56.4	58.5	56.2	0.5	0.51	3.9	0.03	0.6	50	1.8	0.2	0.21	0.02		
123	031D821053	44.810761	-78.294568	900	0		10.5	60.4	62.9	60.7	0.7	0.66	3.2	0.03	0.9	50	1.7	0.2	0.19	0.03		
124	031D821054	44.795662	-78.215663	900	0		14.3	51.0	53.1	50.2	0.8	0.62	4.3	0.04	0.9	50	2.8	0.2	0.22	0.12		
125	031D821055	44.799062	-78.184162	900	0		6.9	44.4	46.1	43.8	0.6	0.35	4.0	0.04	0.8	50	1.7	0.4	0.27	0.03		
126	031D821056	44.800461	-78.155261	900	0		11.2	49.8	51.9	49.6	0.4	0.48	4.8	0.04	1.2	50	2.2	0.5	0.39	0.03		
127	031D821057	44.820861	-78.13626	900	0		62.0	64.4	66.0	64.3	0.9	0.70	2.4	0.04	1.3	50	1.3	0.3	0.23	-0.02		
128	031D821058	44.827261	-78.158861	900	0		12.8	51.0	53.7	51.5	1.0	0.40	4.0	0.04	1.1	50	1.5	0.5	0.38	0.04		
129	031D821059	44.871661	-78.106259	900	0		20.8	52.4	56.4	52.4	0.6	3.50	2.2	0.04	2.4	50	5.4	0.2	0.33	0.05		
130	031D821060	44.824661	-78.029256	900	0		2.1	73.4	74.9	73.0	0.6	1.96	1.3	0.03	1.7	50	2.0	0.3	0.37	0.02		
131	031D821062	44.812461	-78.007855	900	0		7.4	49.2	50.5	49.2	0.4	0.92	6.4	0.06	3.7	70	4.8	1.1	2.10	0.07		
132	031D821063	44.798161	-78.040256	900	0		5.7	37.4	38.6	37.1	0.5	0.97	6.9	0.04	4.8	50	7.6	0.7	2.35	0.10		
133	031D821064	44.773961	-78.003455	900	1		5.2	62.6	64.7	62.0	0.6	1.21	2.7	0.03	1.2	50	1.7	0.2	0.26	0.03		
134	031D821065	44.773961	-78.003455	900	2		5.8	62.2	65.1	62.4	0.7	1.11	2.6	0.03	1.3	60	1.8	0.2	0.26	0.03		
135	031D821066	44.704561	-78.018356	900	0		8.2	31.2	34.3	32.1	0.7	0.32	7.8	0.08	2.6	70	14.1	1.4	1.37	0.55		
136	031D821067	44.663461	-78.015855	900	0		2.9	68.6	69.8	68.5	0.8	1.89	3.0	0.04	2.4	50	2.7	0.6	0.56	0.04		
137	031D821068	44.637561	-78.016556	900	0		1.0	61.6	64.3	62.1	0.8	0.87	1.3	0.02	1.7	40	2.6	0.1	0.14	0.05		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
104	031D821028	0.2	0.14	-20	41	180	0.09	-10
105	031D821029	0.7	0.58	40	36	160	0.25	100
106	031D821030	-0.1	0.49	-20	42.3	50	0.08	-10
107	031D821031	0.4	0.28	-20	41.9	150	0.19	70
108	031D821032	-0.1	0.08	-20	27.4	50	0.05	-10
109	031D821033	0.2	0.71	30	35.6	90	0.10	20
110	031D821034	0.6	0.31	30	42.5	130	0.20	90
111	031D821035	0.1	0.31	-20	25.6	100	0.08	-10
112	031D821036	0.3	0.18	20	22	170	0.18	60
113	031D821037	0.8	0.51	40	36.7	260	0.26	120
114	031D821038	0.1	0.18	-20	29.3	100	0.08	-10
115	031D821039	0.1	0.29	-20	42.6	60	0.09	-10
116	031D821040	0.2	0.50	-20	26.9	60	0.14	20
117	031D821043	1.0	0.44	40	49.3	240	0.29	150
118	031D821048	0.1	0.18	-20	29.5	80	0.07	-10
119	031D821049	0.2	0.10	20	27.2	110	0.09	-10
120	031D821050	0.3	0.17	-20	23.3	180	0.15	50
121	031D821051	0.1	0.19	20	10.3	120	0.11	-10
122	031D821052	0.2	0.27	-20	35.8	50	0.12	50
123	031D821053	0.1	0.38	-20	32.1	160	0.12	50
124	031D821054	0.1	0.64	-20	39.7	170	0.16	-10
125	031D821055	0.3	0.43	20	47.7	110	0.19	50
126	031D821056	0.4	0.42	-20	39.7	150	0.23	80
127	031D821057	0.3	0.34	30	29.7	180	0.13	30
128	031D821058	0.4	0.38	30	39.7	130	0.24	80
129	031D821059	0.2	0.30	20	34.2	160	0.09	-10
130	031D821060	0.2	0.13	-20	20.9	80	0.10	-10
131	031D821062	1.0	0.24	50	31.6	280	0.44	160
132	031D821063	1.3	0.36	30	37.8	200	1.02	180
133	031D821064	0.2	0.41	-20	30.1	80	0.12	20
134	031D821065	0.2	0.40	-20	29.9	80	0.13	-10
135	031D821066	1.1	0.32	50	37.8	180	0.39	110
136	031D821067	0.5	0.15	40	21.5	110	0.25	100
137	031D821068	-0.1	0.22	30	31	20	0.07	-10



ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
138	031D821070	44.606661	-78.040457	900	0		5.9	21.0	52.2	22.1	30.0	1.24	0.4	-0.02	40.7	-10	1.3	-0.1	0.37	0.03		
139	031D821071	44.621861	-78.084459	900	0		4.2	64.2	70.5	63.7	6.2	1.84	1.7	0.04	11.8	30	3.8	0.2	0.51	0.31		
140	031D821072	44.597161	-78.145761	900	0		2.1	28.8	52.4	29.3	22.6	1.07	1.8	-0.02	32.2	-10	1.9	0.3	1.10	0.04		
141	031D821073	44.607261	-78.176362	900	0		25.3	29.8	32.0	29.2	0.5	1.59	9.6	0.07	3.1	70	10.7	1.6	1.74	0.16		
142	031D821075	44.59766	-78.265766	900	0		4.7	81.8	82.8	82.2	0.5	3.86	1.8	0.03	4.1	50	2.4	0.3	0.21	-0.02		
143	031D821076	44.64066	-78.337169	900	0		36.0	66.0	69.2	66.8	0.6	1.88	1.5	0.04	1.9	50	1.2	0.2	0.17	0.02		
144	031D821077	44.63096	-78.374071	900	0		8.5	23.2	54.5	25.0	29.9	1.34	0.3	-0.02	40.4	-10	0.7	-0.1	0.30	-0.02		
145	031D821078	44.61286	-78.395172	900	0		1.0	30.6	59.2	31.7	26.5	1.19	0.2	-0.02	38.7	-10	0.5	-0.1	0.37	-0.02		
146	031D821079	44.57526	-78.386271	900	0		3.1	40.0	58.6	39.2	18.1	1.41	0.9	-0.02	28.6	-10	1.2	-0.1	0.35	0.02		
147	031D821080	44.57326	-78.419173	900	0		6.2	39.0	40.9	37.4	0.5	1.09	4.3	0.05	2.3	50	3.6	0.8	0.57	0.05		
148	031D821082	44.56346	-78.482575	900	0		8.0	46.8	49.2	45.2	2.2	1.70	8.1	0.06	2.5	80	11.4	1.3	1.28	0.11		
149	031D821083	44.57146	-78.473575	900	0		4.3	33.2	35.9	33.2	0.7	0.87	8.6	0.07	2.8	70	7.8	1.7	1.40	0.11		
150	031D821084	44.62506	-78.428073	900	0		14.3	42.2	44.2	43.0	0.7	0.73	6.9	0.08	2.4	50	1.9	1.4	0.55	0.04		
151	031D821085	44.65906	-78.435973	900	0		13.8	60.4	63.5	60.5	0.5	0.90	2.9	0.04	1.0	50	2.8	0.2	0.19	0.03		
152	031D821087	44.65716	-78.466474	900	1		14.8	46.6	49.8	46.5	1.1	0.88	3.1	0.05	0.8	50	4.3	0.2	0.16	0.09		
153	031D821088	44.65716	-78.466474	900	2		3.8	49.4	50.9	47.7	1.0	0.94	3.3	0.05	0.8	50	5.1	0.2	0.20	0.10		
154	031D821098	44.53056	-78.487275	900	0		2.1	51.8	55.5	52.9	0.7	1.06	3.7	0.04	2.2	60	3.4	0.7	0.63	0.05		
155	031D821099	44.544961	-78.405272	900	0		1.7	19.4	52.5	22.0	30.5	0.68	0.9	-0.02	40.4	-10	0.6	0.2	0.43	-0.02		
156	031D821100	44.53596	-78.35907	900	0		3.8	60.6	64.3	62.2	0.7	1.54	2.6	0.03	3.1	50	2.6	0.5	0.40	0.06		
157	031D821102	44.55926	-78.313868	900	0		4.2	45.4	49.2	46.3	0.9	2.15	5.1	0.05	2.4	60	4.6	0.9	0.69	0.07		
158	031D821103	44.56296	-78.268566	900	0		5.8	70.8	72.9	70.8	0.7	1.90	1.5	0.03	5.2	40	1.6	0.2	0.28	0.10		
159	031D821104	44.54756	-78.270467	900	0		4.0	45.0	49.8	46.8	0.5	1.34	5.1	0.05	2.4	60	3.8	0.8	0.77	0.07		
160	031D821105	44.550161	-78.246365	900	1		2.7	40.6	46.1	42.8	0.5	0.89	3.9	0.04	2.0	60	3.3	0.6	0.55	0.06		
161	031D821107	44.550161	-78.246365	900	2		2.9	40.0	45.9	42.6	0.6	0.88	3.8	0.04	1.9	60	3.3	0.6	0.55	0.06		
162	031D821108	44.553861	-78.187163	900	0		4.3	42.0	47.2	44.0	0.6	0.99	4.7	0.04	2.0	60	3.9	0.7	0.86	0.06		
163	031D821109	44.563461	-78.173663	900	0		13.2	75.0	76.9	75.5	0.7	2.05	1.3	0.03	3.6	50	1.7	0.2	0.26	0.05		
164	031D821110	44.554861	-78.153862	900	0		4.9	40.6	46.9	42.8	0.7	1.53	4.2	0.04	2.1	60	4.2	0.6	0.80	0.06		
165	031D821111	44.563461	-78.134261	900	0		5.0	42.0	48.5	44.8	1.1	1.44	4.7	0.04	2.5	60	7.0	0.5	1.14	0.09		
166	031D821112	44.553261	-78.111961	900	0		6.0	32.8	39.2	35.5	1.0	1.50	7.6	0.07	2.9	70	12.5	1.3	1.88	0.17		
167	031D821113	44.573661	-78.08956	900	0		13.2	23.4	29.1	24.9	0.8	0.98	8.4	0.08	2.5	80	23.6	1.4	1.55	0.39		
168	031D821114	44.578261	-78.052758	900	0		8.0	38.2	44.5	41.4	1.0	0.55	4.9	0.08	1.7	70	13.2	0.5	1.02	0.74		
169	031D821115	44.58746	-78.012956	900	0		1.2	73.6	77.4	75.7	0.7	1.02	1.8	0.04	1.3	50	1.9	0.1	0.18	0.02		
170	031D821116	44.54286	-78.010657	900	0		0.7	14.0	49.5	16.7	31.5	0.79	0.5	-0.02	43.4	-10	0.6	0.1	0.38	-0.02		
171	031D821117	44.52306	-78.09196	900	0		2.2	28.0	57.5	30.9	25.5	1.03	0.6	-0.02	37.3	-10	0.7	-0.1	0.44	-0.02		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
138	031D821070	-0.1	0.12	-20	2.6	480	-0.02	-10
139	031D821071	0.1	0.27	30	12.1	270	0.09	10
140	031D821072	0.1	0.20	-20	9.5	330	0.10	-10
141	031D821073	1.7	0.24	60	38.8	300	0.48	240
142	031D821075	0.1	0.14	50	7.8	190	0.13	50
143	031D821076	-0.1	0.11	-20	27	510	0.09	-10
144	031D821077	-0.1	0.05	-20	1.8	550	-0.02	-10
145	031D821078	-0.1	0.11	-20	-1	390	-0.02	-10
146	031D821079	-0.1	0.42	-20	10.5	360	0.03	-10
147	031D821080	0.8	0.26	20	47.1	200	0.21	90
148	031D821082	0.5	0.30	60	26.8	120	0.38	90
149	031D821083	1.3	0.33	70	40.6	220	0.57	370
150	031D821084	1.5	0.34	30	41.3	430	0.32	240
151	031D821085	0.1	0.19	20	30.7	180	0.11	40
152	031D821087	0.1	0.27	-20	42.8	390	0.11	30
153	031D821088	0.2	0.25	-20	41.1	400	0.12	30
154	031D821098	0.4	0.15	20	35	120	0.21	50
155	031D821099	-0.1	0.12	-20	4.2	220	0.03	-10
156	031D821100	0.2	0.15	20	27.9	120	0.14	30
157	031D821102	0.7	0.19	40	37.3	160	0.26	120
158	031D821103	0.1	0.19	-20	19.6	130	0.11	-10
159	031D821104	0.5	0.23	20	38.3	130	0.30	110
160	031D821105	0.4	0.17	40	44.3	90	0.20	60
161	031D821107	0.4	0.17	30	43.5	80	0.20	60
162	031D821108	0.4	0.21	30	40.7	100	0.31	80
163	031D821109	-0.1	0.24	40	16.9	130	0.07	-10
164	031D821110	0.3	0.22	30	42.4	100	0.24	50
165	031D821111	0.3	0.27	30	36.2	100	0.29	60
166	031D821112	0.9	0.32	50	34	140	0.53	220
167	031D821113	1.0	0.78	20	31.9	190	0.47	200
168	031D821114	0.3	0.75	30	33.7	70	0.26	60
169	031D821115	-0.1	0.46	-20	18.7	100	0.11	-10
170	031D821116	-0.1	0.07	-20	3.8	350	0.02	-10
171	031D821117	-0.1	0.09	20	3.1	310	0.02	-10

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
172	031D821118	44.51206	-78.200464	900	0		5.3	42.2	48.9	45.2	0.7	1.74	5.4	0.05	2.4	60	7.1	0.9	0.78	0.09		
173	031D821119	44.526761	-78.271566	900	0		3.9	41.0	48.0	44.4	0.7	1.04	4.7	0.04	2.2	60	4.1	0.8	0.69	0.04		
174	031D821120	44.50396	-78.329469	900	0		0.7	8.2	48.9	12.3	35.4	0.40	0.5	-0.02	47.3	-10	0.3	-0.1	0.35	-0.02		
175	031D821122	44.51006	-78.36667	900	0		2.9	45.2	50.4	47.2	0.7	1.42	5.3	0.05	2.6	60	3.6	1.0	0.72	0.06		
176	031D821123	44.503861	-78.419073	900	0		2.2	82.4	85.7	84.4	1.3	2.72	1.1	0.03	4.3	50	1.8	0.2	0.24	0.04		
177	031D821154	44.82346	-78.480077	900	0		5.3	59.6	64.2	61.7	0.7	1.75	2.6	0.03	2.3	50	2.4	0.4	0.66	0.03		
178	031D821155	44.83836	-78.440575	900	0		8.1	39.4	44.5	41.8	0.8	0.42	7.4	0.07	3.2	70	7.9	1.0	1.36	0.51		
179	031D821156	44.83836	-78.440575	900	0		6.0	33.8	40.5	37.5	0.9	0.85	7.1	0.07	2.9	60	6.3	1.1	1.33	0.22		
180	031D821157	44.82236	-78.437475	900	0		0.9	60.2	64.7	62.2	0.5	1.34	2.5	0.03	2.5	70	1.9	0.4	0.83	0.03		
181	031D821158	44.810461	-78.349872	900	0		14.5	49.2	51.1	48.0	1.2	0.59	4.6	0.08	1.8	60	11.2	0.6	0.51	0.56		
182	031D821159	44.792661	-78.325172	900	0		7.5	52.2	52.5	49.8	0.6	0.41	4.1	0.05	0.8	50	1.8	0.4	0.34	0.03		
183	031D821160	44.764662	-78.326768	900	0		18.2	39.8	41.9	38.4	0.8	0.33	6.6	0.07	1.3	60	11.6	0.6	0.44	0.52		
184	031D821162	44.762662	-78.281865	900	0		8.5	42.0	42.2	39.2	0.7	0.43	6.5	0.07	1.6	60	4.1	1.0	0.60	0.09		
185	031D821163	44.778062	-78.211663	900	0		19.7	37.4	40.8	37.8	0.7	0.28	8.0	0.05	1.1	60	13.3	0.7	0.45	0.22		
186	031D821164	44.787562	-78.178061	900	1		9.3	46.2	48.6	45.5	0.7	0.34	3.9	0.03	1.1	50	2.9	0.3	0.22	0.03		
187	031D821165	44.787562	-78.178061	900	2		10.2	46.4	48.5	45.4	0.6	0.35	4.0	0.04	1.1	50	2.9	0.2	0.22	0.03		
188	031D821166	44.775161	-78.13326	900	0		5.5	77.0	76.6	75.2	0.8	1.88	1.8	0.04	3.8	40	2.0	0.2	0.24	0.03		
189	031D821167	44.768561	-78.092359	900	0		8.1	21.2	22.9	21.0	0.5	0.50	10.3	0.09	3.1	50	4.8	1.9	1.47	0.09		
190	031D821168	44.761361	-78.069358	900	0		4.2	56.0	58.1	55.1	0.5	0.70	3.2	0.04	2.9	50	3.0	0.3	0.58	0.19		
191	031D821169	44.740961	-78.054057	900	0		5.2	76.0	76.0	73.9	0.5	1.64	1.7	0.03	2.2	40	1.2	0.2	0.24	0.04		
192	031D821171	44.709361	-78.035856	900	0		5.0	22.4	25.5	23.5	0.8	0.32	9.7	0.08	3.1	60	5.2	2.0	1.55	0.10		
193	031D821172	44.682761	-78.051557	900	0		10.7	55.8	56.7	54.3	1.0	0.66	5.2	0.07	2.6	60	8.4	0.9	1.22	0.46		
194	031D821173	44.634361	-78.031956	900	0		4.5	64.2	68.8	61.7	6.6	1.81	1.7	0.04	12.4	20	3.2	0.2	0.47	0.28		
195	031D821174	44.646361	-78.168561	900	0		4.6	53.0	54.2	51.0	0.7	0.50	4.2	0.04	0.8	60	3.1	0.4	0.34	0.07		
196	031D821175	44.636261	-78.203963	900	0		13.3	62.8	64.8	61.4	0.5	1.92	1.7	0.07	1.5	50	2.2	0.2	0.28	0.03		
197	031D821176	44.650961	-78.230164	900	0		37.8	37.8	39.9	36.8	0.7	0.49	6.8	0.07	1.6	60	6.7	1.0	0.69	0.15		
198	031D821177	44.666862	-78.208062	900	0		10.5	49.8	52.2	48.9	0.4	0.64	3.2	0.04	0.8	50	1.8	0.2	0.29	0.03		
199	031D821178	44.681362	-78.222163	900	0		27.2	33.4	37.0	34.3	0.6	0.57	7.1	0.08	1.9	50	3.3	1.3	0.75	0.08		
200	031D821179	44.68436	-78.289967	900	0		40.3	61.0	63.2	60.0	0.4	1.82	2.4	0.05	1.4	50	2.7	0.3	0.23	0.06		
201	031D821180	44.65636	-78.294067	900	0		20.1	46.2	48.5	44.6	0.6	1.07	3.7	0.07	1.6	50	3.3	0.5	0.44	0.08		
202	031D821182	44.67486	-78.330469	900	0		9.8	75.6	76.2	74.5	0.6	1.07	1.3	0.04	0.9	50	1.1	0.2	0.10	0.02		
203	031D821183	44.68846	-78.394471	900	0		2.7	66.8	68.5	66.1	0.7	0.93	3.1	0.04	1.5	50	2.0	0.3	0.32	0.05		
204	031D821184	44.67476	-78.469574	900	0		8.9	52.2	54.6	50.8	0.6	1.82	2.3	0.08	0.6	50	11.4	0.2	0.23	0.39		
205	031D821198	44.77116	-78.484978	900	0		9.4	62.4	63.1	61.0	0.4	2.08	4.5	0.05	3.0	60	2.9	0.9	1.02	0.04		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
172	031D821118	0.5	0.25	40	34.8	120	0.27	120
173	031D821119	0.4	0.23	40	40.1	120	0.22	80
174	031D821120	-0.1	0.04	-20	2.4	220	-0.02	10
175	031D821122	0.6	0.20	40	36.9	180	0.30	130
176	031D821123	-0.1	0.25	-20	6.4	110	0.08	-10
177	031D821154	0.3	0.21	20	27.5	140	0.16	40
178	031D821155	0.9	0.54	60	34	240	0.37	150
179	031D821156	1.0	0.57	20	39.2	290	0.38	190
180	031D821157	0.2	0.21	20	27.7	90	0.20	50
181	031D821158	0.5	0.79	20	30.9	90	0.18	70
182	031D821159	0.3	0.47	20	40.6	190	0.21	30
183	031D821160	0.4	0.79	-20	37.2	90	0.23	60
184	031D821162	0.9	0.57	30	43.1	240	0.36	110
185	031D821163	0.6	0.84	40	34.9	140	0.26	140
186	031D821164	0.2	0.35	-20	43.6	240	0.14	20
187	031D821165	0.2	0.36	-20	43.6	290	0.13	40
188	031D821166	-0.1	0.27	-20	16.7	430	0.08	-10
189	031D821167	2.3	0.30	50	53.5	400	0.53	330
190	031D821168	0.2	0.51	-20	32.4	120	0.14	40
191	031D821169	0.1	0.28	-20	19.7	50	0.12	20
192	031D821171	1.9	0.28	50	49.4	320	0.50	210
193	031D821172	0.7	0.39	50	25.1	160	0.32	120
194	031D821173	0.1	0.27	-20	13.5	250	0.09	10
195	031D821174	0.3	0.37	20	37.8	190	0.19	60
196	031D821175	-0.1	0.23	-20	30.6	650	0.13	-10
197	031D821176	0.9	0.53	40	43	360	0.34	140
198	031D821177	0.1	0.33	20	42.4	240	0.14	-10
199	031D821178	1.3	0.39	20	47.3	440	0.34	180
200	031D821179	0.2	0.16	30	30.7	680	0.15	50
201	031D821180	0.4	0.35	30	42.5	550	0.18	70
202	031D821182	0.1	0.27	-20	21.7	200	0.07	-10
203	031D821183	0.2	0.46	20	25.2	110	0.16	40
204	031D821184	0.1	1.11	30	31.2	120	0.14	50
205	031D821198	0.8	0.26	40	24.7	300	0.29	130

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA														* ORIGINAL DATA *	
LAKE SEDIMENT						BANCROFT, ON AREA															
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)															
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO	
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02	
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%	
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03	
206	031D821199	44.76866	-78.454877	900	0		4.3	36.0	37.9	35.5	0.4	0.79	8.2	0.07	3.9	70	4.8	1.5	2.11	0.08	
207	031D821200	44.76206	-78.431576	900	0		2.5	49.6	52.5	49.2	0.3	1.04	3.7	0.04	2.4	50	3.0	0.4	0.51	0.11	
208	031D821202	44.74776	-78.429975	900	0		4.1	77.8	78.4	77.1	0.6	0.98	1.4	0.04	1.3	50	0.7	0.1	0.21	0.02	
209	031D821203	44.78046	-78.397274	900	0		2.1	66.4	68.2	64.5	0.9	2.38	2.3	0.03	1.8	60	4.4	0.3	0.46	0.07	
210	031D821204	44.774861	-78.385774	900	0		19.5	52.0	53.2	51.2	0.8	1.16	6.5	0.06	3.5	60	3.4	1.3	1.43	0.09	
211	031D821205	44.73896	-78.358269	900	0		7.5	85.6	85.3	83.9	0.9	2.63	1.6	0.03	4.0	50	1.4	0.3	0.84	0.02	
212	031D821207	44.748661	-78.323868	900	0		16.0	40.8	42.3	38.8	1.2	0.31	5.9	0.09	1.2	60	13.9	0.5	0.40	1.21	
213	031D821208	44.743262	-78.283866	900	0		14.3	33.4	37.1	34.6	1.0	0.50	5.8	0.08	1.6	50	4.1	1.1	0.72	0.11	
214	031D821209	44.737562	-78.229264	900	0		78.9	32.6	32.8	32.7	0.8	0.38	7.0	0.12	1.7	70	15.5	0.9	0.60	1.04	
215	031D821210	44.742762	-78.175762	900	1		64.0	54.4	56.2	53.2	0.7	1.25	4.3	0.05	1.3	70	2.9	0.6	0.59	0.06	
216	031D821211	44.742762	-78.175762	900	2		63.6	52.0	56.2	52.5	0.5	1.21	4.1	0.04	1.3	60	2.9	0.5	0.54	0.06	
217	031D821212	44.744761	-78.14236	900	0		112.1	57.8	60.2	57.1	0.6	0.66	4.0	0.05	1.4	60	2.3	0.4	0.57	0.08	
218	031D821213	44.704761	-78.113759	900	0		2.4	37.4	50.7	35.8	15.0	0.96	2.7	0.03	22.6	10	3.4	0.4	1.17	0.22	
219	031D821214	44.683761	-78.14536	900	0		16.2	54.0	56.6	53.4	0.8	0.62	3.3	0.05	0.9	60	2.4	0.3	0.36	0.06	
220	031D821215	44.693161	-78.15096	900	0		16.8	48.0	51.2	47.5	1.1	0.90	5.5	0.08	1.5	60	6.7	0.6	0.42	0.25	
221	031D821216	44.706962	-78.186362	900	0		33.7	63.6	65.6	62.8	0.6	1.41	2.7	0.05	1.7	50	1.9	0.3	0.34	0.03	
222	031D821217	44.710862	-78.234764	900	0		36.3	59.2	62.6	59.5	0.7	1.11	2.4	0.04	1.4	60	2.2	0.2	0.28	0.04	
223	031D821218	44.717361	-78.272465	900	0		56.3	36.0	39.0	35.4	0.4	0.49	5.2	0.06	1.5	60	2.6	0.7	0.59	0.06	
224	031D821219	44.70846	-78.321368	900	0		54.0	35.0	37.9	34.2	0.6	0.45	5.9	0.08	1.5	60	4.1	0.8	0.57	0.20	
225	031D821220	44.69316	-78.36187	900	0		7.5	62.8	64.4	62.0	0.8	1.08	3.2	0.06	2.5	70	2.6	0.3	0.63	0.08	
226	031D821222	44.71546	-78.36197	900	1		5.3	58.6	61.4	58.5	0.8	0.83	2.8	0.06	1.8	90	2.0	0.2	0.43	0.05	
227	031D821223	44.71546	-78.36197	900	2		5.0	64.8	66.5	63.8	0.7	1.03	2.7	0.07	1.9	90	1.6	0.2	0.42	0.05	
228	031D821224	44.72766	-78.402071	900	0		112.1	86.6	85.5	84.1	1.4	3.68	1.0	0.02	3.9	50	2.1	0.2	0.28	0.02	
229	031D821225	44.72246	-78.455573	900	0		3.1	79.2	79.5	77.8	0.9	1.05	2.2	0.06	1.7	50	3.6	0.2	0.28	0.06	
230	031D821226	44.74396	-78.461577	900	0		2.1	58.8	60.7	57.0	0.5	2.26	1.9	0.03	2.2	50	3.7	0.3	0.42	0.09	
231	031D821227	44.75466	-78.483878	900	0		5.5	22.8	26.3	24.1	0.5	0.42	9.5	0.09	3.8	70	7.4	1.8	2.13	0.34	
232	031E821003	45.018661	-78.372671	900	0		14.6	20.2	21.2	19.2	0.4	0.80	10.0	0.10	3.8	60	5.8	2.1	1.89	0.12	
233	031E821004	45.034761	-78.35167	900	0		3.7	52.0	55.7	52.6	0.5	1.29	3.7	0.05	1.9	50	2.9	0.8	0.76	0.05	
234	031E821005	45.041461	-78.319469	900	0		5.7	39.4	41.9	39.4	0.5	1.99	6.8	0.07	3.3	60	3.8	1.4	1.20	0.06	
235	031E821006	45.036861	-78.260167	900	0		7.0	34.4	42.9	38.8	0.5	0.88	3.5	0.04	2.0	50	2.5	0.6	0.73	0.06	
236	031E821007	45.029361	-78.237266	900	0		20.0	50.4	55.9	52.7	0.4	2.63	2.2	0.04	2.1	50	4.1	0.4	0.47	0.08	
237	031E821008	45.014761	-78.257667	900	0		5.8	76.2	79.2	77.5	0.7	4.18	1.9	0.04	2.1	50	4.1	0.5	0.47	0.02	
238	031E821009	45.010161	-78.212866	900	0		11.5	43.6	48.5	45.5	0.4	1.54	4.7	0.05	2.4	50	3.8	0.9	0.69	0.06	
239	031E821010	45.026861	-78.179464	900	0		24.4	57.6	60.8	56.6	0.4	2.64	2.0	0.02	1.9	50	3.2	0.2	0.27	0.03	

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
206	031D821199	1.3	0.34	30	39.8	390	0.53	260
207	031D821200	0.3	0.46	20	37.7	110	0.21	60
208	031D821202	0.1	0.23	-20	19	100	0.11	-10
209	031D821203	0.2	0.38	20	23.8	110	0.17	20
210	031D821204	1.1	0.30	40	30.1	280	0.35	150
211	031D821205	0.2	0.13	-20	6.3	150	0.14	40
212	031D821207	0.4	0.80	30	34.9	80	0.20	20
213	031D821208	1.1	0.28	40	48.2	290	0.33	140
214	031D821209	0.7	0.67	50	40.1	230	0.27	110
215	031D821210	0.5	0.32	40	34.4	310	0.28	110
216	031D821211	0.4	0.34	20	34.8	330	0.25	100
217	031D821212	0.3	0.40	20	32	180	0.23	60
218	031D821213	0.4	0.23	-20	20	350	0.16	60
219	031D821214	0.2	0.43	30	37.6	210	0.18	-10
220	031D821215	0.5	0.85	30	35.1	230	0.22	80
221	031D821216	0.2	0.30	20	29.1	410	0.19	40
222	031D821217	0.2	0.31	30	32.1	290	0.13	-10
223	031D821218	0.7	0.44	20	50.1	220	0.26	80
224	031D821219	0.7	0.68	40	48.3	230	0.26	80
225	031D821220	0.2	0.37	-20	27.5	160	0.20	20
226	031D821222	0.1	0.41	-20	32.3	180	0.13	-10
227	031D821223	0.1	0.37	-20	27.9	190	0.13	-10
228	031D821224	0.1	0.21	20	6.4	90	0.07	20
229	031D821225	0.1	0.35	-20	14	110	0.18	50
230	031D821226	0.1	0.26	-20	32.2	70	0.09	30
231	031D821227	1.9	0.56	60	45.2	410	0.52	330
232	031E821003	2.3	0.34	70	49.8	580	0.51	390
233	031E821004	0.6	0.26	20	34.2	430	0.24	100
234	031E821005	1.4	0.24	60	39.1	430	0.39	310
235	031E821006	0.5	0.23	20	47.1	170	0.17	50
236	031E821007	0.3	0.22	30	34.5	180	0.15	70
237	031E821008	0.3	0.10	30	13.2	340	0.15	60
238	031E821009	0.9	0.21	30	38.2	280	0.29	160
239	031E821010	0.1	0.29	-20	33.1	180	0.11	-10

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
240	031E821011	45.013861	-78.178464	900	0		30.0	67.4	68.4	65.2	0.4	1.66	1.3	0.02	1.7	40	1.3	0.1	0.19	0.02		
241	031E821012	45.022261	-78.140063	900	0		12.7	33.6	36.5	32.7	0.3	0.31	5.1	0.03	0.6	50	3.5	0.4	0.28	0.07		
242	031E821014	45.003862	-78.052658	900	0		27.2	37.4	39.2	36.4	0.3	0.52	7.5	0.07	2.1	70	10.7	1.2	1.24	0.17		
243	031E821015	45.015662	-78.052858	900	1		6.1	45.6	47.5	44.2	0.2	0.45	4.3	0.06	1.3	50	5.3	0.6	0.38	0.09		
244	031E821016	45.015662	-78.052858	900	2		6.5	45.2	47.2	44.1	0.7	0.44	4.4	0.06	1.3	50	5.2	0.5	0.38	0.09		
245	031E821017	45.035461	-78.09496	900	0		5.6	38.2	40.6	37.2	0.2	0.36	6.5	0.05	1.4	60	4.0	0.9	0.62	0.07		
246	031E821018	45.072962	-78.065959	900	0		6.9	44.6	46.5	43.1	0.2	0.73	5.1	0.05	1.8	60	3.1	0.7	0.52	0.06		
247	031E821019	45.069762	-78.037958	900	0		9.5	33.6	35.9	31.8	0.5	0.53	4.2	0.05	1.3	50	3.2	0.6	0.47	0.10		
248	031E821020	45.101964	-78.002159	900	0		4.6	34.8	38.0	34.6	0.4	0.47	5.5	0.06	1.3	60	6.5	0.7	0.51	0.09		
249	031E821022	45.107963	-78.040061	900	0		3.8	46.2	47.4	44.4	0.2	0.82	3.3	0.04	1.3	50	1.7	0.5	0.33	0.03		
250	031E821023	45.102261	-78.114462	900	1		5.3	62.2	63.7	61.2	0.2	1.54	1.2	0.03	1.5	50	1.2	0.2	0.22	-0.02		
251	031E821024	45.102261	-78.114462	900	2		5.5	64.2	65.9	63.5	0.5	1.49	1.1	0.03	1.6	50	1.2	0.2	0.24	0.02		
252	031E821025	45.068061	-78.137062	900	0		20.1	36.0	38.9	35.6	0.2	0.34	4.6	0.05	1.1	60	1.9	0.7	0.51	0.05		
253	031E821026	45.054361	-78.161363	900	0		18.1	37.2	40.2	36.9	0.2	0.36	5.3	0.05	1.3	60	2.4	0.6	0.51	0.07		
254	031E821027	45.088661	-78.173364	900	0		13.9	57.8	60.6	57.1	0.4	1.59	3.0	0.04	1.9	60	4.3	0.4	0.37	0.07		
255	031E821028	45.091461	-78.197464	900	0		4.3	10.8	11.9	10.8	0.3	0.37	12.3	0.11	3.4	60	4.5	2.7	1.55	0.09		
256	031E821029	45.074661	-78.233366	900	0		4.9	10.0	11.0	9.5	0.2	0.15	12.3	0.11	3.3	60	6.3	2.6	1.61	0.14		
257	031E821030	45.075761	-78.272267	900	0		5.9	39.0	42.5	38.3	0.4	0.62	5.2	0.07	1.4	60	4.2	0.6	0.50	0.17		
258	031E821032	45.059861	-78.313469	900	0		4.5	13.8	14.6	13.3	0.3	0.46	11.1	0.10	3.4	60	4.3	2.4	1.40	0.08		
259	031E821033	45.05266	-78.34867	900	0		7.4	77.8	78.1	76.7	0.4	1.93	0.7	0.03	2.1	50	0.5	0.1	0.27	0.02		
260	031E821034	45.04716	-78.399572	900	0		7.4	46.6	49.5	45.9	0.4	0.75	3.4	0.04	1.7	50	2.1	0.4	0.32	0.06		
261	031E821035	45.030559	-78.446175	900	0		2.6	61.8	63.0	60.3	0.4	1.02	1.2	0.02	1.4	50	1.9	0.2	0.17	0.04		
262	031E821036	45.02366	-78.474475	900	0		5.2	85.6	84.8	84.0	0.5	1.99	1.1	0.03	3.1	50	0.9	0.1	0.14	0.05		
263	031E821037	45.06006	-78.451074	900	0		4.6	34.2	35.3	32.2	0.4	0.28	7.8	0.07	1.6	60	3.5	1.2	0.90	0.08		
264	031E821038	45.07086	-78.404672	900	0		10.9	28.4	30.1	26.8	0.4	0.20	7.6	0.08	1.7	60	7.1	1.1	0.82	0.34		
265	031E821039	45.08876	-78.407072	900	0		8.7	24.4	25.0	21.8	0.4	0.17	9.1	0.09	2.1	60	6.5	1.5	1.08	0.28		
266	031E821043	45.10286	-78.294368	900	0		3.7	52.8	54.7	51.5	0.4	1.20	0.9	0.03	1.3	40	1.1	0.1	0.14	-0.02		
267	031E821044	45.103761	-78.258166	900	0		3.1	45.6	48.5	45.3	0.5	0.63	4.5	0.05	1.5	60	2.7	0.6	0.67	0.08		
268	031E821045	45.12206	-78.252466	900	1		7.6	43.8	46.0	42.5	0.5	0.40	3.8	0.05	1.5	100	2.1	0.4	0.57	0.04		
269	031E821046	45.12206	-78.252466	900	2		7.5	43.8	46.2	43.7	0.6	0.41	3.8	0.04	1.5	100	1.9	0.4	0.59	0.04		
270	031E821047	45.14196	-78.198264	900	0		8.5	33.6	38.9	36.5	0.2	0.32	6.1	0.10	1.7	70	8.0	0.6	0.61	0.57		
271	031E821048	45.16056	-78.201264	900	0		2.1	41.0	46.9	44.2	0.2	0.57	3.2	0.08	1.1	50	2.1	0.3	0.25	0.04		
272	031E821049	45.151861	-78.182264	900	0		3.1	43.4	45.5	43.3	0.5	0.46	2.3	0.04	1.2	50	1.0	0.4	0.32	0.02		
273	031E821050	45.136661	-78.177063	900	0		6.3	48.4	50.3	47.8	0.4	0.73	3.7	0.05	1.6	50	1.8	0.6	0.45	0.03		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

\* ORIGINAL DATA \*

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
240	031E821011	-0.1	0.30	30	28.4	160	0.06	-10
241	031E821012	0.3	0.25	20	52.6	80	0.15	30
242	031E821014	1.0	0.28	40	37.5	200	0.34	150
243	031E821015	0.5	0.69	20	40.7	210	0.20	50
244	031E821016	0.5	0.69	20	41	190	0.19	60
245	031E821017	0.8	0.45	40	44.8	190	0.29	90
246	031E821018	0.6	0.47	-20	41.8	240	0.24	100
247	031E821019	0.6	0.38	30	52.4	190	0.19	60
248	031E821020	0.7	0.47	-20	46.9	170	0.24	80
249	031E821022	0.5	0.12	30	45.5	190	0.17	50
250	031E821023	0.2	0.10	-20	33	100	0.08	20
251	031E821024	0.2	0.10	-20	30.6	120	0.08	-10
252	031E821025	0.6	0.43	30	50.5	190	0.24	80
253	031E821026	0.6	0.39	20	48.6	160	0.24	80
254	031E821027	0.3	0.33	20	30.4	120	0.16	40
255	031E821028	3.0	0.23	50	61.3	460	0.57	400
256	031E821029	2.9	0.28	70	59.9	460	0.59	400
257	031E821030	0.4	0.64	20	45.3	200	0.19	50
258	031E821032	2.7	0.25	60	59.2	460	0.54	550
259	031E821033	-0.1	0.11	-20	18.2	300	0.05	-10
260	031E821034	0.3	0.29	20	42.8	200	0.13	30
261	031E821035	0.1	0.19	-20	33.1	170	0.07	-10
262	031E821036	-0.1	0.14	-20	10.3	510	0.07	-10
263	031E821037	1.1	0.44	60	47.3	310	0.35	120
264	031E821038	1.0	0.57	40	48.7	190	0.29	100
265	031E821039	1.5	0.61	40	50.7	310	0.38	170
266	031E821043	-0.1	0.08	-20	43.2	200	0.06	-10
267	031E821044	0.4	0.40	40	41.9	150	0.21	80
268	031E821045	0.3	0.39	20	45.8	130	0.16	40
269	031E821046	0.3	0.39	20	46	110	0.17	50
270	031E821047	0.5	1.18	30	43.5	230	0.23	80
271	031E821048	0.2	0.41	20	47.1	160	0.13	-10
272	031E821049	0.4	0.19	-20	49	160	0.13	50
273	031E821050	0.5	0.29	40	41.5	220	0.21	90



ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *			
LAKE SEDIMENT						BANCROFT, ON AREA															
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)															
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO	
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02	
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%	
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03	
274	031E821051	45.133163	-78.133165	900	0		3.9	48.2	50.2	47.7	0.4	1.07	2.4	0.04	1.2	50	2.5	0.4	0.31	0.02	
275	031E821053	45.137663	-78.059863	900	0		2.5	27.6	29.1	27.0	-0.2	0.43	6.6	0.07	1.9	50	2.6	1.2	0.65	0.05	
276	031E821054	45.125663	-78.021761	900	0		4.0	47.6	49.2	46.5	0.3	0.88	3.0	0.04	1.2	50	1.7	0.4	0.30	0.02	
277	031E821055	45.160763	-78.017061	900	0		6.3	47.0	48.9	46.4	0.2	0.78	1.8	0.03	1.4	50	1.3	0.2	0.24	0.03	
278	031E821056	45.159163	-78.053163	900	0		4.8	63.0	63.9	62.0	0.4	0.96	0.8	0.03	1.5	40	0.8	0.1	0.14	0.02	
279	031E821057	45.189663	-78.035262	900	0		2.6	47.4	49.3	46.8	0.7	0.47	3.8	0.06	1.0	60	4.8	0.2	0.18	0.09	
280	031E821058	45.191963	-78.056063	900	0		3.1	48.8	51.4	48.8	0.6	0.56	3.5	0.07	1.0	50	3.8	0.3	0.23	0.06	
281	031E821059	45.218063	-78.031162	900	0		2.8	42.2	44.9	42.6	0.7	0.45	5.1	0.07	1.1	60	6.9	0.6	0.45	0.10	
282	031E821060	45.231563	-78.055563	900	0		1.6	44.6	47.1	44.5	0.2	0.43	4.3	0.07	1.3	60	2.8	0.5	0.38	0.10	
283	031E821069	45.229563	-78.098065	900	0		1.9	37.2	40.8	38.5	0.5	0.46	5.3	0.06	1.4	60	3.1	0.8	0.56	0.09	
284	031E821070	45.201364	-78.133566	900	0		1.5	45.2	48.7	46.1	0.9	0.55	3.6	0.06	0.6	60	11.8	0.2	0.22	0.22	
285	031E821071	45.187564	-78.157467	900	0		3.1	28.2	33.7	31.7	0.6	0.28	6.8	0.06	1.5	60	4.7	0.9	0.72	0.08	
286	031E821072	45.19266	-78.222465	900	0		4.2	31.2	34.3	31.8	0.5	0.29	5.3	0.05	1.2	60	2.4	0.8	0.63	0.04	
287	031E821073	45.161359	-78.276767	900	0		5.0	41.6	43.5	41.0	0.4	0.29	4.8	0.07	1.2	60	5.8	0.4	0.36	0.26	
288	031E821074	45.12846	-78.317569	900	0		3.4	72.8	74.2	72.5	0.4	1.15	1.5	0.03	1.8	50	0.8	0.2	0.24	0.02	
289	031E821075	45.13956	-78.370871	900	0		3.8	48.0	50.0	47.6	0.6	0.43	3.4	0.04	0.6	50	1.1	0.2	0.23	0.02	
290	031E821076	45.12586	-78.395072	900	0		5.2	52.2	54.5	52.2	0.7	0.71	5.1	0.07	1.7	50	3.8	0.6	0.74	0.11	
291	031E821077	45.10856	-78.429373	900	0		7.9	56.0	57.7	55.6	-0.2	0.69	4.8	0.05	1.1	60	2.1	0.5	0.45	0.03	
292	031E821078	45.08046	-78.478075	900	0		2.8	62.4	62.3	60.6	0.4	0.68	1.9	0.04	1.3	50	0.7	0.2	0.22	-0.02	
293	031E821079	45.10936	-78.478575	900	0		4.5	42.6	44.5	41.7	0.7	0.38	5.4	0.05	0.9	60	1.9	0.4	0.39	0.06	
294	031E821080	45.13346	-78.448773	900	0		6.7	51.2	55.9	52.3	0.5	1.98	1.8	0.04	1.5	50	3.6	0.2	0.48	0.03	
295	031E821082	45.15736	-78.399271	900	0		5.4	50.0	52.9	49.4	1.0	0.91	4.7	0.07	1.5	60	7.2	0.3	0.47	0.23	
296	031E821083	45.16146	-78.323469	900	0		7.7	57.0	60.1	57.0	0.7	1.16	2.3	0.03	1.4	50	1.9	0.2	0.44	0.06	
297	031E821084	45.17606	-78.335969	900	1		3.9	45.4	48.0	45.5	0.4	0.80	1.8	0.03	1.1	40	0.8	0.3	0.22	-0.02	
298	031E821085	45.17606	-78.335969	900	2		3.9	47.6	49.5	47.0	0.3	0.83	1.7	0.03	1.1	50	0.8	0.3	0.23	-0.02	
299	031E821086	45.202159	-78.266366	900	0		2.8	42.4	44.7	42.2	0.5	0.33	3.9	0.04	1.0	60	2.5	0.3	0.24	0.04	
300	031E821087	45.217363	-78.205268	900	0		5.3	41.4	45.5	42.6	0.6	0.54	3.5	0.04	0.9	60	3.1	0.3	0.32	0.07	
301	031E821088	45.223264	-78.174167	900	0		2.7	35.2	40.6	37.7	0.5	0.28	4.6	0.04	0.9	60	3.2	0.4	0.38	0.05	
302	031E821153	45.221759	-78.269466	900	0		4.6	55.4	57.7	55.8	-0.2	0.56	2.5	0.03	0.7	50	0.6	0.2	0.15	-0.02	
303	031E821154	45.218859	-78.293667	900	0		6.4	23.8	25.0	23.2	-0.2	0.24	9.1	0.07	1.9	60	3.3	1.4	0.81	0.07	
304	031E821155	45.20956	-78.320968	900	0		8.6	40.0	43.7	41.0	-0.2	0.35	5.4	0.04	0.9	60	2.2	0.4	0.31	0.03	
305	031E821156	45.19866	-78.35477	900	0		6.4	26.6	28.5	27.0	-0.2	0.26	9.6	0.08	1.8	80	18.2	1.3	0.87	0.25	
306	031E821157	45.20516	-78.400871	900	0		6.3	25.4	27.2	25.2	-0.2	0.23	9.0	0.09	1.9	70	6.9	1.5	1.03	0.26	
307	031E821158	45.17866	-78.434973	900	0		6.9	25.2	28.2	26.2	-0.2	0.25	8.8	0.08	2.1	80	8.4	1.5	1.15	0.10	

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
274	031E821051	0.4	0.11	-20	43.8	120	0.13	60
275	031E821053	1.4	0.24	20	55.1	340	0.35	250
276	031E821054	0.3	0.34	20	45	140	0.16	40
277	031E821055	0.2	0.15	-20	46.9	90	0.11	30
278	031E821056	-0.1	0.13	-20	33.4	80	0.06	-10
279	031E821057	0.1	0.67	-20	41.5	100	0.12	-10
280	031E821058	0.2	0.68	30	40.4	130	0.18	20
281	031E821059	0.5	0.66	-20	40.9	140	0.27	110
282	031E821060	0.4	0.54	-20	44.2	130	0.23	60
283	031E821069	0.9	0.16	-20	47.6	160	0.27	160
284	031E821070	0.1	0.78	20	35.8	40	0.12	-10
285	031E821071	1.0	0.37	20	50.4	170	0.34	170
286	031E821072	0.7	0.31	40	54	150	0.25	110
287	031E821073	0.3	0.56	20	44.4	120	0.18	50
288	031E821074	-0.1	0.28	20	22.1	100	0.07	-10
289	031E821075	0.2	0.39	-20	46	170	0.12	-10
290	031E821076	0.5	0.53	20	33.9	240	0.26	100
291	031E821077	0.4	0.33	20	34.3	200	0.19	70
292	031E821078	0.2	0.15	20	34.3	160	0.10	30
293	031E821079	0.3	0.41	20	47	310	0.16	30
294	031E821080	0.1	0.30	20	38	70	0.08	20
295	031E821082	0.2	0.63	20	33.5	190	0.18	20
296	031E821083	0.2	0.45	-20	35	100	0.10	-10
297	031E821084	0.3	0.09	20	48.3	100	0.10	50
298	031E821085	0.3	0.10	-20	47.3	120	0.09	40
299	031E821086	0.3	0.40	20	47.8	120	0.17	-10
300	031E821087	0.2	0.36	20	47.1	80	0.14	40
301	031E821088	0.4	0.35	-20	50.5	100	0.20	30
302	031E821153	-0.1	0.19	-20	39.5	120	0.08	-10
303	031E821154	1.6	0.18	40	55.5	240	0.38	260
304	031E821155	0.3	0.35	20	47.7	130	0.15	40
305	031E821156	1.2	0.39	30	37.5	170	0.37	170
306	031E821157	1.4	0.45	50	50	250	0.39	180
307	031E821158	1.4	0.34	30	47.9	260	0.43	180

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
308	031E821159	45.13686	-78.490075	900	0		7.6	18.8	21.2	19.5	-0.2	0.16	9.7	0.10	2.3	70	5.7	1.9	1.49	0.18		
309	031E821172	45.17916	-78.497975	900	0		2.4	41.4	44.9	42.0	0.8	0.41	5.9	0.07	1.2	70	7.2	0.7	0.50	0.13		
310	031E821173	45.20996	-78.491974	900	0		2.1	45.8	48.6	45.8	0.3	0.75	4.6	0.05	1.0	60	3.1	0.5	0.42	0.05		
311	031E821174	45.23386	-78.490174	900	0		1.9	27.0	29.3	27.2	0.4	0.30	7.9	0.08	1.7	60	4.4	1.3	0.74	0.07		
312	031E821175	45.21226	-78.445273	900	0		1.5	46.6	49.7	47.3	0.6	0.41	4.2	0.06	1.1	60	3.2	0.4	0.31	0.08		
313	031E821176	45.22566	-78.433372	900	0		6.8	29.4	33.0	30.2	0.4	0.28	5.9	0.05	1.1	60	3.6	0.7	0.50	0.08		
314	031E821178	45.24566	-78.411271	900	0		3.3	41.4	45.6	43.2	0.3	0.32	6.7	0.06	0.7	80	15.4	0.3	0.28	0.56		
315	031E821179	45.24326	-78.363569	900	0		8.8	48.2	50.3	47.6	0.4	0.47	5.1	0.03	0.7	60	1.7	0.3	0.21	0.05		
316	031F761160	45.033963	-77.817249	406	0		3.7	75.6	59.3	56.5	0.6	1.69	3.2	0.03	2.4	50	2.5	0.6	0.58	0.03		
317	031F761162	45.017864	-77.814649	406	0		1.3	38.8	41.3	38.0	1.1	1.09	3.1	0.10	3.2	50	11.0	0.6	0.77	1.23		
318	031F761163	45.000963	-77.856751	406	1		1.2	87.0	87.0	85.8	-0.2	3.63	1.2	0.03	2.8	40	2.7	0.2	0.26	0.07		
319	031F761164	45.000963	-77.856751	406	2		1.2	85.4														
320	031F761165	45.009364	-77.782748	406	0		1.5	87.8	88.2	87.0	0.6	2.42	0.9	0.03	2.8	40	0.6	0.2	0.53	-0.02		
321	031F761166	45.091963	-77.78465	406	0		3.3	17.0	15.9	14.8	0.3	0.53	11.8	0.10	3.5	50	4.5	2.5	1.29	0.10		
322	031F761169	45.089861	-77.611344	406	0		1.3	77.0	78.2	76.2	0.6	2.35	1.3	0.04	1.9	50	1.7	0.2	0.23	-0.02		
323	031F761170	45.064061	-77.591543	406	0		1.2	35.6	45.6	32.8	11.4	1.15	3.1	0.04	17.1	20	2.6	0.6	1.11	0.10		
324	031F761171	45.037461	-77.589243	406	0		1.8	59.2	60.9	58.2	0.7	2.51	5.0	0.06	3.1	60	4.0	1.1	1.07	0.08		
325	031F761172	45.048961	-77.632145	406	0		2.1	73.2	74.8	72.2	0.9	2.02	2.0	0.04	2.6	50	3.2	0.3	0.55	0.05		
326	031F761174	45.016461	-77.612044	406	0		1.4	32.6	56.2	30.9	7.4	1.43	0.9	-0.02	35.5	-10	1.4	0.1	0.56	0.02		
327	031F761175	45.009261	-77.553442	406	0		1.7	53.4	55.3	52.8	0.4	1.50	5.0	0.04	2.7	70	4.6	0.5	1.10	0.07		
328	031F761199	45.076161	-77.50904	406	0		6.8	68.6	70.2	68.3	0.5	0.86	1.4	0.04	1.3	50	0.9	0.1	0.16	-0.02		
329	031F761200	45.058361	-77.556042	406	0		2.1	31.4	32.1	29.9	0.6	1.55	8.6	0.07	3.4	60	4.5	1.6	1.67	0.07		
330	031F761202	45.089661	-77.558942	406	0		3.7	38.6	39.4	37.6	0.6	2.12	7.4	0.07	3.2	60	3.9	1.6	1.35	0.06		
331	031F761203	45.108061	-77.565942	406	0		16.5	46.6	50.9	47.6	0.5	0.79	3.4	0.06	1.5	50	3.8	0.4	0.38	0.23		
332	031F761204	45.150861	-77.658345	406	0		2.1	54.0	56.5	54.2	0.6	0.59	4.5	0.05	1.7	60	1.8	0.7	0.50	0.03		
333	031F761205	45.157162	-77.731348	406	1		6.6	66.4	67.6	65.3	0.8	3.78	3.2	0.04	3.5	60	4.3	0.6	0.47	0.03		
334	031F761206	45.157162	-77.731348	406	2		9.4	72.6														
335	031F761207	45.137163	-77.762049	406	0		14.8	51.6	55.2	51.9	0.5	1.69	3.1	0.05	1.7	60	4.5	0.5	0.48	0.09		
336	031F761208	45.096063	-77.822651	406	0		3.4	90.6	72.5	70.4	0.7	1.83	1.3	0.03	1.6	50	1.7	0.2	0.29	-0.02		
337	031F761209	45.101863	-77.837552	406	0		7.3	48.0	50.2	47.8	0.3	1.20	2.7	0.04	1.6	50	1.8	0.5	0.31	-0.02		
338	031F763089	45.143761	-77.541441	406	0		2.3	65.2	66.5	12.2	0.3	1.17	1.4	0.03	2.0	50	1.7	0.2	0.32	0.03		
339	031F763090	45.149861	-77.576342	406	0		6.6	20.0	19.6	17.8	0.4	0.38	11.0	0.10	3.2	60	4.3	2.1	1.42	0.08		
340	031F763091	45.041862	-77.910055	406	0		26.0	46.0	49.9	46.6	0.6	1.58	3.1	0.04	1.3	50	5.0	0.5	0.50	0.10		
341	031F763093	45.031762	-77.947455	406	0		23.5	57.4	58.4	56.2	0.3	0.95	4.8	0.04	2.2	50	2.3	0.7	0.56	0.09		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
308	031E821159	1.7	0.39	60	53.5	310	0.50	170
309	031E821172	0.6	0.63	-20	40.1	140	0.23	80
310	031E821173	0.4	0.39	30	42.3	120	0.21	40
311	031E821174	1.4	0.35	30	52	230	0.34	130
312	031E821175	0.3	0.55	30	41.9	150	0.17	40
313	031E821176	0.6	0.35	20	54.3	120	0.24	90
314	031E821178	0.2	0.62	-20	31.8	30	0.15	30
315	031E821179	0.1	0.39	30	42.3	40	0.10	20
316	031F761160	0.4	0.19	-20	32.2	130	0.19	80
317	031F761162	0.4	1.71	-20	38.4	100	0.20	80
318	031F761163	-0.1	0.21	-20	6.7	130	0.08	-10
319	031F761164							
320	031F761165	-0.1	0.12	20	6.8	60	0.07	-10
321	031F761166	3.0	0.25	60	56.7	470	0.66	720
322	031F761169	0.1	0.18	-20	17.8	50	0.08	20
323	031F761170	0.5	0.22	30	29.1	200	0.19	70
324	031F761171	0.8	0.29	-20	25.5	180	0.33	120
325	031F761172	0.2	0.38	-20	17.6	80	0.17	20
326	031F761174	-0.1	0.32	-20	4.3	130	0.04	-10
327	031F761175	0.8	0.31	-20	30.7	100	0.48	100
328	031F761199	-0.1	0.19	30	28.2	90	0.08	-10
329	031F761200	2.0	0.24	50	46.7	320	0.54	300
330	031F761202	1.6	0.22	40	37.1	330	0.54	430
331	031F761203	0.3	0.27	-20	41.6	70	0.16	60
332	031F761204	0.7	0.28	-20	35.7	150	0.28	150
333	031F761205	0.4	0.15	-20	21.2	160	0.20	90
334	031F761206							
335	031F761207	0.4	0.26	30	36.6	100	0.19	70
336	031F761208	-0.1	0.11	-20	23.9	140	0.09	-10
337	031F761209	0.4	0.12	-20	43.2	130	0.16	60
338	031F763089	0.2	0.12	-20	29.2	60	0.10	30
339	031F763090	2.4	0.29	50	54.1	400	0.62	400
340	031F763091	0.4	0.28	30	40.4	160	0.22	70
341	031F763093	0.7	0.30	30	31.5	240	0.23	140

ANALYTICAL DATA						LAKE SEDIMENT GEOCHEMICAL DATA												* ORIGINAL DATA *				
LAKE SEDIMENT						BANCROFT, ON AREA																
ADDITIONAL ANALYSIS						(PARTS OF NTS 031C, D, E AND F)																
Station #	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO		
Location		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02		
Map						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%		
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion		
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>		
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03		
342	031F763094	45.020362	-77.973056	406	0		20.8	54.2	57.2	53.8	0.6	1.34	4.3	0.04	2.1	60	9.7	0.5	0.37	0.05		
343	031F763095	45.003362	-77.972356	406	0		10.0	52.6	55.6	52.8	0.8	0.89	1.4	0.03	1.4	40	1.6	0.2	0.13	-0.02		
344	031F763096	45.013262	-77.938855	406	0		143.0	35.2	36.4	33.5	0.5	2.02	7.9	0.07	3.0	70	12.6	1.6	1.23	0.12		
345	031F763097	45.019362	-77.876953	406	0		4.5	51.4	53.5	50.8	0.6	2.13	2.2	0.03	1.9	40	4.1	0.4	0.63	0.14		
346	031F763098	45.024363	-77.860452	406	0		3.2	50.2	52.2	49.8	0.6	3.01	6.1	0.06	2.8	60	7.1	1.3	1.03	0.15		
347	031F763099	45.011363	-77.739646	406	0		1.5	70.8	72.5	70.8	0.5	1.71	1.9	0.03	2.5	50	2.9	0.3	0.46	0.04		
348	031F763100	45.010562	-77.663044	406	0		2.5	80.4	81.5	80.1	0.5	3.96	2.0	0.04	3.6	50	3.5	0.4	0.37	0.02		
349	031F763102	45.062461	-77.683646	406	0		1.5	52.0	54.1	51.5	1.0	1.15	4.2	0.10	3.2	60	7.1	0.6	0.63	0.39		
350	031F763104	45.056761	-77.736948	406	0		2.1	41.2														
351	031F763105	45.075963	-77.827551	406	0		14.1	50.8	54.1	51.5	0.6	0.57	3.0	0.05	1.6	50	1.9	0.4	0.34	0.03		
352	031F763106	45.128663	-77.883554	406	0		8.4	51.0	54.5	52.1	0.5	1.30	3.2	0.04	2.0	50	2.2	0.6	0.53	0.04		
353	031F763107	45.173863	-77.857454	406	1		2.4	75.8	77.4	75.6	0.3	2.26	1.0	0.03	2.1	50	2.2	0.2	0.16	-0.02		
354	031F763108	45.173863	-77.857454	406	2		2.6	73.2														
355	031F763109	45.196063	-77.813352	406	0		4.0	33.8	35.9	33.1	0.6	1.02	6.7	0.07	2.4	50	3.3	1.4	0.98	0.06		
356	031F763110	45.249162	-77.67595	406	0		2.4	6.2	7.4	6.5	0.4	0.90	12.5	0.11	3.7	50	6.4	2.6	1.48	0.12		
357	031F763112	45.236561	-77.500239	406	0		8.1	31.8	32.7	30.8	0.4	0.61	9.6	0.08	3.6	70	5.0	2.0	1.88	0.08		
358	031F763196	45.202163	-77.874756	406	0		2.6	27.8	30.8	27.5	1.0	0.72	5.6	0.06	1.5	70	18.4	0.9	0.55	0.06		
359	031F763198	45.067262	-77.883253	406	0		25.1	40.2	41.4	38.5	0.8	1.49	5.9	0.07	2.3	60	5.7	1.1	0.80	0.10		
360	031F763199	45.110463	-77.880453	406	0		3.7	10.2	10.0	9.2	0.4	0.47	12.4	0.10	3.4	50	4.7	2.4	1.35	0.07		
361	031F763200	45.153563	-77.77925	406	0		5.4	52.6	54.2	51.6	0.4	0.81	1.7	0.03	1.3	50	1.1	0.3	0.24	-0.02		
362	031F763202	45.169163	-77.795551	406	1		5.3	70.4	72.2	70.5	0.4	2.15	1.7	0.04	2.1	50	2.7	0.4	0.28	-0.02		
363	031F763203	45.169163	-77.795551	406	2		6.0	73.2														
364	031F763204	45.206962	-77.716049	406	0		5.3	18.8	19.9	18.3	0.6	0.26	10.9	0.11	3.0	60	5.3	2.2	1.32	0.09		
365	031F763205	45.203361	-77.673945	406	0		9.0	50.4	52.5	49.7	0.6	1.96	2.6	0.04	1.9	50	3.4	0.5	0.34	0.03		
366	031F763206	45.184461	-77.683846	406	0		7.3	49.2														
367	031F763207	45.194761	-77.644744	406	0		4.9	33.6	32.5	30.8	0.5	0.86	9.1	0.09	2.9	60	3.6	1.9	1.13	0.07		
368	031F763208	45.181561	-77.644344	406	0		4.6	68.6	68.2	66.4	0.6	1.74	3.5	0.05	2.0	50	2.6	0.7	0.44	0.04		
369	031F763209	45.203261	-77.588042	406	0		4.6	13.0														
370	031F763258	45.064663	-77.926155	406	0		12.4	31.8	36.5	33.4	0.9	0.40	4.4	0.07	1.2	60	3.0	0.5	0.41	0.14		
371	031F763259	45.046162	-77.979756	406	0		8.1	71.8	34.1	31.2	0.3	3.24	6.8	0.06	3.1	60	6.4	1.2	0.81	0.06		
372	031F763260	45.081763	-77.993757	406	0		6.1	60.0	66.3	63.4	0.2	1.89	2.2	0.03	2.1	50	3.2	0.3	0.48	0.06		
373	031F763262	45.091463	-77.938956	406	1		12.4	70.8	71.7	69.8	0.5	2.31	1.5	0.02	2.0	50	1.1	0.3	0.27	-0.02		
374	031F763263	45.091463	-77.938956	406	2		3.7	56.8														
375	031F763264	45.097164	-77.992058	406	0		2.4	1.8	3.9	3.2	0.3	0.53	13.3	0.14	4.6	50	4.9	3.0	1.65	0.10		

LAKE SEDIMENT GEOCHEMICAL DATA  
BANCROFT, ON AREA  
(PARTS OF NTS 031C, D, E AND F)

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
342	031F763094	0.3	0.30	-20	27.7	120	0.18	80
343	031F763095	-0.1	0.19	-20	40.1	150	0.06	-10
344	031F763096	1.6	0.26	50	35.9	440	0.47	320
345	031F763097	0.3	0.20	40	38	120	0.16	30
346	031F763098	1.1	0.29	40	29.9	250	0.35	240
347	031F763099	0.2	0.21	-20	20.8	100	0.14	-10
348	031F763100	0.1	0.19	20	9.3	140	0.13	20
349	031F763102	0.4	0.43	30	31.1	100	0.21	60
350	031F763104							
351	031F763105	0.3	0.31	-20	40.2	360	0.14	70
352	031F763106	0.4	0.20	-20	37.9	290	0.20	90
353	031F763107	-0.1	0.09	-20	18.7	150	0.07	-10
354	031F763108							
355	031F763109	1.4	0.26	40	49.4	310	0.40	260
356	031F763110	3.3	0.22	40	60.2	410	0.76	590
357	031F763112	1.9	0.25	60	44.2	320	0.60	260
358	031F763196	0.9	0.29	-20	42.6	120	0.29	190
359	031F763198	1.0	0.34	30	40.8	270	0.38	200
360	031F763199	3.2	0.20	60	62.4	460	0.64	550
361	031F763200	0.3	0.17	-20	43.2	110	0.11	40
362	031F763202	0.3	0.09	-20	22.5	260	0.13	50
363	031F763203							
364	031F763204	2.4	0.29	50	54.5	350	0.53	290
365	031F763205	0.4	0.19	-20	40.4	100	0.17	70
366	031F763206							
367	031F763207	2.2	0.25	50	46.9	350	0.55	480
368	031F763208	0.7	0.11	-20	24.3	200	0.25	150
369	031F763209							
370	031F763258	0.4	0.48	-20	52.7	160	0.20	100
371	031F763259	1.2	0.21	50	45.6	480	0.37	280
372	031F763260	0.1	0.23	-20	26.9	100	0.14	20
373	031F763262	-0.1	0.08	-20	23.4	450	0.09	-10
374	031F763263							
375	031F763264	3.7	0.44	70	63.5	950	0.61	650

Station # <i>Location</i> <i>Map</i>	Unique ID	Latitude	Longitude	Original	Rep	Element	U	LOI	LOI	C-Org	CO <sub>2</sub>	S	Al <sub>2</sub> O <sub>3</sub>	BaO	CaO	Cr	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO
		NAD83	NAD83	GSC OF #	Stat	Lower Detection Limit	0.5	1.0	0.2	0.2	0.2	0.02	0.1	0.02	0.1	10	0.1	0.1	0.05	0.02
						Unit	PPM	%	%	%	%	%	%	%	%	PPM	%	%	%	%
						Dissolution	-	500°C	900°C	-	-	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
						Instrumentation	NADNC	Grav	Grav	LECO	Titration	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	44.981164	-77.84565	405	0		4.0	66.8	68.2	66.1	1.2	2.28	2.4	0.03	2.9	50	3.6	0.3	0.42	0.03
376	031F763265	45.115064	-77.994959	406	0		5.8	33.8	39.2	36.6	0.4	0.78	6.6	0.06	2.2	60	3.3	1.1	0.78	0.08
377	031F763266	45.130063	-77.962258	406	0		5.2	35.6	38.5	36.1	0.6	0.64	6.9	0.05	1.7	70	5.9	1.0	0.63	0.09
378	031F763267	45.155463	-77.951558	406	0		2.0	14.0	15.9	14.6	0.3	0.42	10.7	0.09	2.7	50	3.9	2.1	1.07	0.10
379	031F763268	45.184463	-77.937758	406	0		1.5	44.6	48.3	45.4	0.9	0.46	2.3	0.04	1.4	40	1.2	0.3	0.21	-0.02
380	031F763269	45.219463	-77.96856	406	0		1.4	8.8	11.9	10.2	0.3	0.81	11.7	0.09	2.6	50	12.0	2.4	0.93	0.06
381	031F763270	45.196563	-77.989061	406	0		3.4	37.8	40.3	38.1	0.3	0.64	5.2	0.05	1.5	60	2.2	0.9	0.55	0.04
382	031F763271	45.235563	-77.946559	406	0		1.9	32.8	35.3	33.2	0.3	0.47	6.0	0.05	1.8	50	2.2	1.1	0.55	0.04
383	031F763274	45.248363	-77.992761	406	0		1.1	6.2	6.0	5.0	-0.2	0.17	11.8	0.08	3.0	50	3.8	2.2	1.09	0.12

Station #	Unique ID	NaO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	Rb	SiO <sub>2</sub>	Sr	TiO <sub>2</sub>	Zr
Location		0.1	0.02	20	1	20	0.02	10
Map		%	%	PPM	%	PPM	%	PPM
		Fusion	Fusion	Fusion	Fusion	Fusion	Fusion	Fusion
		XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>	XRF-LiBO <sub>2</sub>
1	031C761190	0.1	0.22	-20	22.5	100	0.14	30
376	031F763265	1.0	0.36	40	46.2	280	0.35	160
377	031F763266	0.9	0.38	-20	44.9	200	0.29	150
378	031F763267	2.5	0.24	40	60.6	350	0.52	450
379	031F763268	0.3	0.25	-20	48.3	140	0.14	50
380	031F763269	2.7	0.17	50	55.8	320	0.39	190
381	031F763270	0.9	0.25	40	49.1	210	0.30	210
382	031F763271	1.1	0.26	-20	52.2	220	0.36	180
383	031F763274	3.0	0.18	50	66.9	360	0.81	930