

APPENDIX B
TABLES

Table 1: Properties Comprising the Project Site, South Canoe Wind Project, NS

Project # 11-4314

PID	Lot #	Civic Address	Property Owner	Total Land Area of PID (acres)	Total Land Area of PID (hectares)
60398856	Block 25	New Russell Road, Lunenburg County	Atlantic Star Forestry	104.8	42.4
60398864	Block 25	New Russell Road, Lunenburg County	Atlantic Star Forestry	45.7	18.5
60398872	Block 25	New Russell Road, Lunenburg County	Atlantic Star Forestry	379.6	153.6
60398906	Block 25	New Russell Road, Lunenburg County	Atlantic Star Forestry	457.9	185.3
60398914	Block 25	New Russell Road, Lunenburg County	Atlantic Star Forestry	500.0	202.3
60399086		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	8892.0	3598.5
60399029		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	420.0	170.0
60398716	Grant 12134B	New Russell Road, Leminster, Lunenburg County	Annapolis Group Inc.	75.0	30.4
60399037		Cooney Lake, Leminster, Lunenburg County	Annapolis Group Inc.	187.0	75.7
60398898	Block 25	New Russell Road, New Russell, Lunenburg County	Atlantic Star Forestry	167.5	67.8
60398880	Block 25	New Russell Road, New Russell, Lunenburg County	Atlantic Star Forestry	221.3	89.5
60398997		New Russell Road, Leminster, Lunenburg County	Annapolis Group Inc.	165.0	66.8
60399003		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	180.0	72.8
60663077		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	17.0	6.9
60663069		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	23.0	9.3
60399011		South Canoe Lake, Leminster Lunenburg County	Annapolis Group Inc.	34.0	13.8
60662657		New Russell Road, Leminster, Lunenburg County	Annapolis Group Inc.	40.0	16.2
60124617		New Russell Road, Leminster, Lunenburg County	Annapolis Group Inc.	63.0	25.5
60408887		No 14 Highway Windsor Road, Lunenburg County	Annapolis Group Inc.	400.0	161.9
60408895		No 14 Highway Windsor Road, Lunenburg County	Annapolis Group Inc.	100.0	40.5
60408929	Lot G	No 14 Highway Windsor Road, Lunenburg County	Annapolis Group Inc.	25.0	10.1
60408945	Lot I	No 14 Highway Windsor Road, Lunenburg County	Annapolis Group Inc.	36.0	14.6
60408911		No 14 Highway Windsor Road, Lunenburg County	Annapolis Group Inc.	750.0	303.5
45387628		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	52.5	21.2
45387610		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	283.5	114.7
45387636		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	278.0	112.5
45061686		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	78.0	31.6
45387677		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	100.0	40.5
45387669		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	300.0	121.4
45387784		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	331.0	134.0
45387644		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	160.0	64.7
45387651		No 14 Highway, Upper Vaughan, Hants County	Annapolis Basin Group Incorporated	200.0	80.9



Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
1	New Russell Road, New Russell	Block 25	60398757	Atlantic Star Forestry	165.38	66.93	Commercial Forest		
2	New Russell Road, New Russell	Block 25	60398740	Atlantic Star Forestry	124.54	50.40	Commercial Forest		
3	New Russell Road, New Russell	Block 25	60131208	Atlantic Star Forestry	120.00	48.56	Commercial Forest		
4	New Russell Road, New Russell	Lot 28AGHP	60129962	Sidney C Hiltz Dozing & Trucking Limited	176.00	71.22	Resource Forest		
5	New Russell Road, New Russell	Lot 1-A	60131281	Sidney C Hiltz Dozing & Trucking Limited	12.63	5.11	Resource		
6	2019 New Russell Road, New Russell	Lot C	60129939	Catherine Young	2.39	0.97	Residential		
7	17 Parklands Road, New Russell	Lot B	60129947	Michael O'Leary, Judith Balch	1.86	0.75	Residential		
8	21 Parklands Road, New Russell	Lot A	60129954	James Perrin, Deborah Durling-Perrin	1.98	0.80	Residential		
9	Parklands Road, New Russell	Lot 3	60129970	B.W. Strassburger Limited	4.46	1.80	Residential		
10	37 Parklands Road, New Russell	Lot 4	60129988	B.W. Strassburger Limited	5.04	2.04	Residential		
11	47 Parklands Road, New Russell	Lot 5	60129996	Pamela Ackerman	4.34	1.76	Residential		
12	67 Parklands Road, New Russell	Lot 6	60130002	Adrienne Malloy, Mary Sullivan	12.40	5.02	Residential		
13	New Russell Road, New Russell		6039816	Cyril and Myrtle Lynch	0.82	0.33			
14	New Russell Road, New Russell		60399292	John and Esther Gregory	0.65	0.26	Residential		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS **Project # 11-4314**

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
15	1933 New Russell Road, New Russell		60129921	John and Esther Gregory	0.40	0.16	Residential		
16	1917 New Russell Road, New Russell		60129913	Norman Mumford	1.01	0.41	Residential		
17	New Russell Road, New Russell		60129905	Mabel MacDonald	0.42	0.17	Residential		
18	1841 New Russell Road, New Russell		60129889	Cyril and Rhonda Lynch	4.97	2.01	Residential/Resource		
19	New Russell Road, New Russell		60398849	Ernst Holding Limited	185.00	74.87	Resource Forest		
20	1620 New Russell Road, New Russell		60398732	Verna and Karl Ernst	140.00	56.66	Resource Forest		
21	New Russell Road, New Russell		60131232	Clifford Long & Sons Limited	550.00	222.58	Resource Forest		
22	Leville Road, Leville		60129517	Barry Russell	100.00	40.47	Resource Forest		
23	Leville Road, Leville		60126315	Bowater Mersey Paper Company Limited	100.00	40.47	Commercial Forest		
24	Leville Road, Leville		60126356	Bowater Mersey Paper Company Limited	90.00	36.42	Commercial Forest		
25	Leville Road, Leville		60393824	NS DNR	212.09	85.83			
26	Old Annapolis Road, Sherwood		60126943	Bowater Mersey Paper Company Limited	1,025.00	414.80	Commercial Forest		
27	2010 Highway 12, Chester Grant		60388709	NS DNR	15,700.00	6,353.56			
28	Sherwood Road, Sherwood		60408663	Frances and Earl Delong	121.85	49.31	Resource Forest		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
29	Sherwood Road, Sherwood		60408077	Richburg LP Management Inc	294.00	118.98	Commercial/Resource Forest		
30	448 Sherwood Road, Sherwood	Lot 8-9-A	60146503	Earle, Frances, Kenwin Delong	186.10	75.31	Residential/Resource Farm/Resource Forest		
31	Sherwood Road, Sherwood		60146479	Homburg Land Bank Corporation Ltd	89.25	36.12	Resource Forest		
32	Sherwood Road, Sherwood		60408044	Homburg Land Bank Corporation Ltd	92.84	37.57	Resource Forest		
33	Sherwood Road, Sherwood		60408721	Anne Steiert	154.00	62.32	Resource Forest		
34	Sherwood Road, Sherwood		60145562	William Herbert Ash III	128.00	51.80	Resource Forest		
35	180 Sherwood Road		60146362	William and Linda Dyer	119.15	48.22	Resource Forest		
36	3895 Highway 14, Sherwood		60419140	NS DNR	77.12	31.21			
37	No 14 Highway, Windsor Road		60671641	NS DNR	9.00	3.64			
38	450 Kaizer Meadow Road, Sherwood	Lot 04-2	60145398	Municipality of the District of Chester	240.90	97.49	Resource		
39	No 14 Highway, Windsor Road	Lot 04-1	60408192	Municipality of the District of Chester	204.10	82.60	Resource		
40	No 14 Highway, Windsor Road	Block 1	60146685	Atlantic Star Forestry	384.00	155.40	Commercial Forest		
41	No 14 Highway, Windsor Road	Block 1	60408788	Atlantic Star Forestry	150.00	60.70	Commercial Forest		
42	No 14 Highway, Windsor Road	Block 1	60408796	Atlantic Star Forestry	150.00	60.70	Commercial Forest		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS **Project # 11-4314**

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
43	No 14 Highway, Windsor Road	Block 1	60408804	Atlantic Star Forestry	150.00	60.70	Commercial Forest		
44	No 14 Highway, Windsor Road	Block 1	60408812	Atlantic Star Forestry	150.00	60.70	Commercial Forest		
45	No 14 Highway, Windsor Road	Block 1	60408820	Atlantic Star Forestry	500.00	202.34	Commercial Forest		
46	No 14 Highway, Upper Vaughan	Grant 23224	45381217	Atlantic Star Forestry	236.00	95.51	Commercial Forest		
47	No 14 Highway, Upper Vaughan		45381209	Atlantic Star Forestry	249.00	100.77	Commercial Forest		
48	No 14 Highway, Upper Vaughan		45381225	Atlantic Star Forestry	2.00	0.81	Commercial Forest		
49	No 14 Highway, Upper Vaughan		45060076	Atlantic Star Forestry	264.00	106.84	Commercial Forest		
50	No 14 Highway, Upper Vaughan	Lot R-1	45188307	Ryan Cameron, Jeffrey Gitomer	110.50	44.72	Resource Forest/Resource		
51	No 14 Highway, Upper Vaughan		45041993	Guy Pauncefort, Ivy Capp	107.73	43.60	Resource		
52	272 Highway 14, Upper Vaughan		45041985	Deborah and Arthur Stevens	14.00	5.67	Residential/Resource		
53	321 Highway 14, Upper Vaughan	Lot R-2	45161999	Leo Smith JR	2.60	1.05	Residential		
54	No 14 Highway, Upper Vaughan		45373305	Guy Pauncefort, Ivy Capp	3.84	1.55	Resource		
55	No 14 Highway, Upper Vaughan		45060068	NS DNR	2,496.00	1,010.10			
56	482 Highway 14, Upper Vaughan	Lot H	45042009	Lawrence Hart	2.04	0.83	Residential		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
57	No 14 Highway, Upper Vaughan		45387800	Unknown	0.34	0.14			
58	520 Highway 14, Upper Vaughan	Lot 2	45042017	Victor and Maxine Chandler	0.35	0.14	Residential		
59	No 14 Highway, Upper Vaughan	Lot A	45060167	Victor and Maxine Chandler	0.55	0.22	Residential		
60	536 Highway 14, Upper Vaughan	Lot R-6	45364684	Cory Bond	1.72	0.70	Residential		
61	536 Highway 14, Upper Vaughan		45341724	Heather/Olive/Garry Rafuse	61.30	24.81	Resource Forest		
62	No 14 Highway, Upper Vaughan		45042165	Roscoe/Theresa Chandler	92.00	37.23	Residential/Resource Farm/Resource Forest/Resource		
63	592 Highway 14, Upper Vaughan	Lot R-7	45344249	Anna Lenihan	3.77	1.53	Residential		
64	No 14 Highway, Upper Vaughan	Lot R-5	45341732	John and Barbara Leckie	1.12	0.45	Residential		
65	624 Highway 14, Upper Vaughan	Lot Z	45196807	Jack/Prudence Zinck	0.80	0.32	Residential		
66	642 Highway 14, Upper Vaughan	Lot B	45042025	Paul/Evelyn Rafuse	1.09	0.44	Residential		
67	664 Highway 14, Upper Vaughan		45042033	Harold Smith	1.45	0.59	Residential		
68	659 Highway 14, Upper Vaughan	Lot KEW ₁	45183415	Lee Rafuse	13.67	5.53	Residential/Resource		
69	591 Highway 14, Upper Vaughan		45041977	Lee/Christopher Rafuse	12.84	5.20	Residential	Drilled	70687
70	629 Highway 14, Upper Vaughan	Lot KEW ₂	45203320	David/Victoria Perrin	0.99	0.40	Residential		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS **Project # 11-4314**

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
71	No 14 Highway, Upper Vaughan		45363280	Lee/Christopher Rafuse	3.00	1.21	Resource Forest		
72	No 14 Highway, Upper Vaughan		45041969	Lee Rafuse	44.00	17.81	Resource		
73	687 Highway 14, Upper Vaughan		45041951	Garry/Heather/Vanessa/Stephen Rafuse	40.00	16.19	Residential/Resource Farm/Resource Forest/Resource		
74	No 14 Highway, Wile Settlement		45041852	David/Diana Rafuse	13.00	5.26	Resource Forest		
75	No 14 Highway, Upper Vaughan	Block R-2	45376936	David/Susan Rafuse	2.30	0.93	Resource Forest		
76	775 Highway 14, Upper Vaughan	Block R-1	45041944	David/Susan Rafuse	75.00	30.35	Residential/Resource Forest/Resource		
77	No 14 Highway, Wile Settlement		45042272	Stewart Russell	9.00	3.64	Residential/Resource		
78	779 Highway 14, Upper Vaughan	Lot JR	45260387	James/Terrance Rafuse	20.80	8.42	Residential/Resource		
79	No 14 Highway, Upper Vaughan		45192903	Trustees of the Upper Vaughans Community Hall	9.00	3.64	Resource		
80	No 14 Highway, Upper Vaughan		45365079	Nancy Sherwood	0.40	0.16	Resource		
81	923 Highway 14, Upper Vaughan		45041936	Nancy Sherwood	0.53	0.21	Residential		
82	896 Highway 14, Upper Vaughan	Parcel C	45248317	Gregory/Karen Rafuse	7.2	2.91	Residential/Resource		
83	938 Highway 14, Upper Vaughan	Lot A	45042264	John/Cheryl Lawrence	8.07	3.27	Residential/Resource		
84	974 Highway 14, Upper Vaughan		45210176	Donald Chandler	23	9.31	Residential/Resource		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
85	992 Highway 14, Upper Vaughan		45042280	Gordon Tonner	0.5	0.20	Residential		
86	No 14 Highway, Upper Vaughan		45042298	David/Emma Waples	0.24	0.10	Residential		
87	1004 Highway 14, Upper Vaughan	Lot 1A-2	45096443	David/Emma Waples	2.28	0.92	Residential		
88	959 Highway 14, Upper Vaughan	Lot A-1	45041928	Brian Woodward	3.60	1.46	Residential		
89	Highway 14, Upper Vaughan		45382918	Barbara Renouf and William Clarke Jr	1.17	0.47	Resource		
90	Highway 14, Upper Vaughan	Lot 1A-3	45382900	Barbara Renouf and William Clarke Jr	3.81	1.54	Resource		
91	997 Highway 14, Upper Vaughan		45041902	Ralph Smith and Josephine Soper	3.00	1.21	Residential		
92	1011 Highway 14, Upper Vaughan	Lot A & Parcel AC-1	45041886	Barbara Renouf and William Clarke Jr	0.94	0.38	Residential		
93	No 14 Highway, Upper Vaughan		45041878	Barbara Renouf and William Clarke Jr	0.46	0.19	Residential		
94	1017 Highway 14, Upper Vaughan	Lot P-1	45086337	Ronald/Mary Smith	1.20	0.49	Residential		
95	1021 Highway 14, Upper Vaughan		45041860	Andrea Lynn	3.25	1.32	Residential/Resource		
96	1015 Highway 14, Upper Vaughan		45041894	Trustees of South Waterville Community Hall	5.38	2.18	Commercial		
97	1039 Highway 14, Upper Vaughan		45276615	Carman/Carol Rafuse	8.00	3.24	Residential		
98	223 Innes Lane, Upper Vaughan	Lot 1	45209707	Brian/Heather Peveril	2.20	0.89	Residential		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS **Project # 11-4314**

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
99	Innes Lane, Wile Settlement	Lot 2	45209715	Lawrence Hart	2.00	0.81	Residential		
100	Innes Lane, Wile Settlement	Lot 3	45209723	Lawrence Hart	2.00	0.81	Residential		
101	191 Innes Lane, Upper Vaughan	Lot 4	45041803	John/Anne Lunn	3.70	1.50	Residential		
102	151 Innes Lane, Upper Vaughan		45041795	Nancy/Barry Maxner	3.00	1.21	Residential		
103	139 Innes Lane, Upper Vaughan		45041787	Robert Marchand and Alison Gillan	0.35	0.14	Residential		
104	131 Innes Lane, Upper Vaughan		45041779	Donald/Shirley Pineo	0.39	0.16	Residential		
105	127 Innes Lane, Upper Vaughan		45041761	Denise Thibault	0.43	0.17	Residential		
106	119 Innes Lane, Upper Vaughan	Lot 13	45041753	Sharon Daniels	0.38	0.15	Residential		
107	115 Innes Lane, Upper Vaughan	Lot 12	45041746	Rose Brownless	0.37	0.15	Residential		
108	Innes Lane, Upper Vaughan	Lot 19	45040995	Douglas/Sandra Randall	0.92	0.37	Resource		
109	Innes Lane, Upper Vaughan	Lot 18	45040987	Douglas/Sandra Randall	1.19	0.48	Resource		
110	Innes Lane, Upper Vaughan	Lot 17	45040979	Douglas/Sandra Randall	0.71	0.29	Resource		
111	Smeltzer Road, Upper Vaughan		45344504	Beverly Lake	28.30	11.45	Resource Forest		
112	Smeltzer Road, Upper Vaughan		45041605	George/Violoa Smeltzer	110.00	44.52	Resource Forest/Resource		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
113	272 Alonza Wile Road, Wile Settlement		45040854	Gergory Leopold	268.00	108.46	Residential/Resource Farm/Resource Forest		
114	Alonza Wile Road, Wile Settlement		45358850	Gergory Leopold	60.00	24.28	Resource Forest		
115	943 Wile Settlement Road, Wile Settlement	Lot 1B	45330404	Gerald Swinamer	65.00	26.30	Residential/Resource		
116	963 Wile Settlement Road, Wile Settlement		45377249	Terry/Sandra Swinamer	25.00	10.12	Residential/Resource	Dug	
117	931 Wile Settlement Road, Wile Settlement	Lot A	45060159	Stephen and Karen Church	1.05	0.42	Residential		
118	937 Wile Settlement Road, Wile Settlement	Lot 1AC	45330370	Donald Swinamer and Wendy Lantz	1.19	0.48	Residential	Drilled	
119	983 Wile Settlement Road, Wile Settlement	Lot 100A	45228103	Joseph Boylan	20.51	8.30	Residential/Resource		
120	973 Wile Settlement Road, Wile Settlement	Lot AB-1	45231958	Tracy/Corey Brown	2.00	0.81	Residential		
121	Wile Settlement Road, Wile Settlement		45040789	Michael Hart	46.00	18.62	Resource Forest		
122	Wile Settlement Road, Wile Settlement		45040581	Andrew Hart	25.00	10.12	Resource Farm/Resource		
123	Wile Settlement Road, Wile Settlement		45040847	Mary Leopold	25.00	10.12	Resource Forest		
124	1017 Wile Settlement Road, Wile Settlement		45040771	Bradley Church	234.50	94.90	Residential/Resource		
125	Wilfred Hebb Road, Leminster		45039898	Ronald Levy	149.00	60.30	Resource Farm/Resource Forest		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
126	252 Wilfred Hebb Road, Leminster		45040490	Ron/Donna Levy and Russell Hebb	359.70	145.57	Residential/Resource Farm/Resource Forest/Resource		
127	New Ross Road, Leminster		45040367	Christine Deal	141.00	57.06	Resource Forest		
128	New Ross Road, Leminster		45038908	Theresa Coombes	25.00	10.12	Resource Forest		
129	41 Canoe Lake Cove Road, Leminster	Lot WD-1	45203254	Wilfred Deal	1.67	0.68	Residential		
130	35 New Ross Road, Leminster		45040284	Mark/Henry/Francis Deal	40.09	16.22	Residential/Resource Farm/Resource		
131	57 New Ross Road, Leminster	Lot HD-2	45038569	Wayne/Ruth Dearman	0.97	0.39	Residential		
132	39 New Ross Road, Leminster	Lot A	45040292	Michael Wile and Sheila Tracey	0.47	0.19	Residential		
133	31 New Ross Road, Leminster	Lot HD-1	45261997	Lorne Leopold	0.76	0.31	Residential		
134	Canoe Lake Cove Road, Leminster	Lot E	45039906	Stephen O'Leary	1.12	0.45	Residential		
135	80 Canoe Lake Cove Road, Leminster	Lot A	45039914	Charles/Kathleen Lunn	0.47	0.19	Residential		
136	90 Canoe Lake Cove Road, Leminster		45039922	Pamela Jenkins	0.47	0.19	Residential		
137	98 Canoe Lake Cove Road, Leminster	Lot C	45039930	Elizabeth Jodoin	0.54	0.22	Residential		
138	122 Canoe Lake Cove Road, Leminster		45039948	Tracy-Lynn Moore and Donald Thompson	4.00	1.62	Residential/Resource		
139	103 Canoe Lake Cove Road, Leminster	Lot O-1	45275211	Winifried Viebahn	2.53	1.02	Residential		
140	Canoe Lake Cove Road, Leminster		45040839	Theresa Coombes	95.00	38.45	Resource Forest		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
141	159 Canoe Lake Cove Road, Leminster	Lot 4	45039963	Dorothy/Garth Redden and Ardith Haley	1.06	0.43	Residential		
142	155 Canoe Lake Cove Road, Leminster	Lot 3	45039955	Timothy/Christopher Smiley	1.46	0.59	Residential		
143	40 Beaver Pond Lane, Leminster	Lot B	45040326	Donald Smith	1.27	0.51	Residential		
144	Beaver Pond Lane, Leminster	Lot 3&C	45040334	Richard Smith	1.22	0.49	Residential		
145	58 Beaver Pond Lane, Leminster	Lot 2	45040342	Peter/Linda Phillips	0.49	0.20	Residential		
146	70 Beaver Pond Lane, Leminster	Lot B-1	45290830	Ronald Mosher	1.07	0.43	Residential		
147	23 New Ross Road, Leminster		45040318	David Koch and Karen Benteau	0.55	0.22	Residential		
148	209 Canoe Lake Cove Road, Leminster	Lot 7	45039997	Gregory/Mary MacDonald	1.21	0.49	Residential	Drilled	60881
149	Canoe Lake Cove Road, Leminster		45356060	North Canoe Lake Cottage Owners Assoc	0.33	0.13	Residential		
150	241 Canoe Lake Cove Road, Leminster	Lot 8	45040003	Curtis Davidson and Prenia Johnson	1.37	0.55	Residential		
151	Canoe Lake Cove Road, Leminster	Lot 9	45040029	L Ann Day	0.47	0.19	Residential		
152	247 Canoe Lake Cove Road, Leminster	Lot 10-12	45040011	Ann Day	1.40	0.57	Residential		
153	263 Canoe Lake Cove Road, Leminster	Lot 13	45040037	Lawrence/Jane Hartnett	0.46	0.19	Residential		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS Project # 11-4314

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
154	427 Canoe Lake Cove Road, Leminster	Lot 28	45040169	Devin/Michelle LeClaire	0.99	0.40	Residential		
155	449 Canoe Lake Cove Road, Leminster	Lot 29	45040177	Shirley Lloyd	1.15	0.47	Residential		
156	446 Canoe Lake Cove Road, Leminster	Lot 30	45040185	Richard Wiecek	0.92	0.37	Residential		
157	New Russell Road, New Russell		60131323	Susan Deal-Porter	96.00	38.85	Resource Forest		
158	2803 New Russell Road, New Russell		60131299	Susan Deal-Porter	191.21	77.38	Residential/Resource Farm/Resource Forest/Resource		
159	2837 New Russell Road, New Russell		60131349	David McCall	23.00	9.31	Residential/Resource Farm/Resource Forest/Resource		
160	New Russell Road, Leminster		60131331	Reco Developments Ltd	19.00	7.69	Residential		
161	2983 New Russell Road, New Russell		60641552	NS Power Inc	19.30	7.81	Commercial		
162	New Russell Road, Leminster		60398955	NS Power Inc	116.00	46.94	Commercial		
163	New Russell Road, Leminster		60398930	Peter/Mercedita Coolen	6.25	2.53	Resource Forest		
164	2804 New Russell Road, New Russell		60398948	Peter/Mercedita Coolen	125.00	50.59	Resource Forest		
165	2753 New Russell Road, New Russell	Lot ED-1	60131315	3844609 Canada Inc	10.20	4.13	Commercial		
166	New Russell Road, Leminster	Block 23	60398831	Atlantic Star Forestry	315.00	127.48	Commercial Forest		
167	New Russell Road, Leminster		60131307	Atlantic Star Forestry	163.00	65.96	Commercial Forest		

Table 2: Adjacent Properties Located Within a 500 metre Radius of the Site, South Canoe Wind Project, NS **Project # 11-4314**

ID (From Figure 2)	Civic Address	Lot	PID	Property Owner(s)	Area (Acres)	Area (Hectares)	Designated Land Use & Property Description	Well Type	NSEL Well Log Database ID
168	New Russell Road, Leminster		60130846	Alan Reeves	10.25	4.15	Resource Forest		
169	2469 New Russell Road, New Russell		60130838	NS Farm Loan Board M Keddy Farm and Forest Ltd	122.00	49.37	Residential/Resource Forest		
170	2453 New Russell Road, New Russell		60131166	Robert/Rubia Huitt	0.99	0.40	Residential		
171	New Russell Road, Leminster		60131158	Robert/Rubia Huitt	0.96	0.39	Resource		

Table 3: Summary of Drilled Well Data from the NSE Well Log Database (for properties located within a 500 metre radius of the site)

Property ID (Taken from Drawing 2, Appendix A)	DRILLED WELL LOCATION (taken directly from NSEL Well Log Database)				DRILLED WELL INSTALLATION DETAILS (taken directly from NSEL Well Log Database)				GEOLOGICAL AND HYDROGEOLOGICAL DETAILS FROM DRILLING LOGS								
	Well No.	Address	Community	County	Installation Date	Well Depth (m)	Casing length (m)	Bedrock Static (m)	Estimated Drillers Yield (Lpm)	Driller No.	Till Depth		Bedrock Depth 1		Bedrock Lithology 1	Water Bearing Fractures	
											From (m)	To (m)	From (m)	To (m)		1 (m)	2 (m)
69	40623	128 Sherwood Road	Sherwood	Lunenburg	11-Nov-04	60.9	6.09	0.91	6.09	170	0	0.91	0.91	60.9	Granite	30.5	59.4
	711229	Card Lake	Sherwood	Lunenburg	16-Dec-71	54.2	24.97	24.36	68.1	70	0	24.4	24.4	54.2	Granite		
	70687	591 Highway #14	Upper Vaughan	Hants	17-Oct-07	66.99	6.7	2.13	90.8	307	0	2.1	2.1	67.1	Granite	61	
	70737	Highway #14	Upper Vaughan	Hants	25-May-07	127.9	6.09	3.65	11.35	307	0	3.66	3.66	128	Granite	12.2	128
	660648		Upper Vaughan	Hants	14-Jul-66	26.8	4.72	3.04	22.7	18	0	3	3	26.8	Granite	5.49	
	782038		Upper Vaughan	Hants	31-Dec-78	62.42	4.26	2.44	13.62	90	0	2.4	2.4	62.5	Slate/Shale		
	791497		Upper Vaughan	Hants	22-Dec-79	38.06	3.65	0.3	4.87	69	0	0.3	0.3	38.1	Granite		
	791499		Upper Vaughan	Hants	8-Dec-79	38.67	2.44		5.18	69	0	-	-	38.7	Granite		
	801322		Upper Vaughan	Hants	22-Feb-80	47.2	36.54	35.32	13.62	69	0	35.4	35.4	47.26	Granite	10.67	
	801323		Upper Vaughan	Hants	21-Jan-80	38.06	6.7	5.18	31.78	69	0	5.18	5.18	38.1	Granite	3.05	
	801335		Upper Vaughan	Hants	16-Jan-80	36.54	6.39	4.57	22.7	69	0	4.57	4.57	36.58	Granite	3.05	
	20696		Wile Settlement	Hants	13-Aug-02	60.9	12.18	9.74	22.7	307	0	9.76	9.76	60.98	Granite	12.2	60.98
	941835	Vaughan	Leminster	Hants	28-Oct-94	97.44	12.18	9.14	68.1	110	0	9.15	9.15	97.56	Granite	45.73	97.56
	941836	Vaughan	Leminster	Hants	28-Oct-94	103.5	12.18	9.14	9.08	110	0	9.15	9.15	103.66	Granite	9.15	103.66
	10150		Leminster	Hants	16-May-01	60.9	12.18	1.52	9.08	307	0	1.52	1.52	60.98	Quartzite	42.68	60.98
148	60881	209 Canoe Lake Cove Road	Leminster	Hants	30-Oct-06	79.17	6.09	1.83	4.54	307	0	1.8	1.8	38.1	Quartzite Granite	24.39	79.27
	951524	Canoe Lake	Leminster	Hants	21-Jul-95	47.2	6.09	6.09	36.32	110	0	1.22	1.22	47.26	Granite	28.96	47.26
	962525	255 New Ross Road	Leminster	Hants	20-Nov-96	24.06	6.09	2.74	18.16	226	0	2.74	2.74	24.09	Granite	9.15	22.87
	962857	256 New Ross Road	Leminster	Hants	28-Nov-96	23.75	4.57	2.44	34.05	226	0	2.44	2.44	23.78	Granite	9.15	19.82
	981410	Canoe Lake	Leminster	Hants	21-Oct-98	91.35	10.35	4.57	6.81	110	0	4.57	4.57	91.46	Granite	30.49	91.46
	992566	Canoe Lake	Leminster	Hants	14-Sep-99	97.44	12.18	1.52	7.61	110	0	1.52	1.52	97.56	Granite	45.73	97.56
	950340		New Russell	Lunenburg	24-Jul-95	85.26	7.61	5.79	4.54	307	0	5.79	5.79	85.37	Granite	18.29	85.37
	801962		New Ross	Lunenburg	28-Sep-80	36.54	6.09	4.57	0.91	170	0	4.57	4.57	36.59	Quartzite	24.39	36.59

Total # of drilled wells within a 500 metres of the site = 23

Averages (mLpm)	61	9	6	6	Averages (m)	6
Minimum (mLpm)	23.75	2.44	0.3	3.04	Minimum (m)	0.3
Maximum (mLpm)	127.89	36.54	35.32	12.18	Maximum (m)	35.37

Averages (ft/gpm)	200.4	30.9	21.1	18.6	Averages (ft)	20.3
Minimum (ft/gpm)	77.9	8.0	1.0	9.971	Minimum (ft)	1.0
Maximum (ft/gpm)	419.5	119.9	115.8	40.0	Maximum (ft)	116.0



Table 4: Summary of Dug Well Data from the NSEL Well Log Database for properties in Lunenburg County.

Well No.	DUG WELL LOCATION (taken directly from NSE Well Log Database)			DUG WELL INSTALLATION DETAILS (taken directly from NSE Well Log Database)					GEOLOGICAL AND HYDROGEOLOGICAL DETAILS									
	Address	Community	County	Installation Date	Well Depth (ft)	Casing length (ft)	Bedrock (ft)	Static (ft)	Estimated Yield (gpm)	Driller No.	Primary Geology From (ft)	Primary Geology To (ft)	Lithology	Secondary Geology From (ft)	Secondary Geology To (ft)	Lithology	Water Bearing Fractures 1 (ft)	Water Bearing Fractures 2 (ft)
960193		Martin's Point	Lunenburg	20-May-96	16	18	n/a	5	5.0	442	0	1	Soil/Earth	1	16	Rock/Gravel		
10227		Western Shore	Lunenburg	14-Aug-01	15	15	7	9	200.0	364	0	7.00	Clayey Fill	7.00	15	Bedrock	6.00	
30407		Martin's Point	Lunenburg	1-Dec-03	17	17	4	14	220.0	364	0	4.00	Dirty Fill	4.00	17	Bedrock	5.00	
40115		Western Shore	Lunenburg	12-Apr-04	13	13	10	5	n/a	721	0	10	Topsoil/Earth	10	12	Shale	6	12
40116	Shepard's Landing	Martin's Point	Lunenburg	3-Apr-04	11	10	n/a	4	n/a	721	0	8.00	Topsoil/Earth	8.00	11	Shale	5.00	8.00
42454		Western Shore	Lunenburg	2-Jul-04	21	24	11	12	40.0	463	0	11.00	Organic/Fill/Hardpan	11.00	21	Shale	11.00	16.00

Averages (ft/gpm)	16.2	8.0	8.2	116.3
Minimum (ft/gpm)	10.0	4.0	4.0	5.00
Maximum (ft/gpm)	24.0	11.0	14.0	220.0

Averages (m/Lpm)	4.93	2.44	2.49	528.70
Minimum (m/Lpm)	3.0	1.2	1.2	22.7
Maximum (m/Lpm)	7.3	3.4	4.3	1000.1

Table 5: Example Groundwater Chemistry from Surficial Till (Individual Samples and Means)

Project # 11-4314

Parameter	Reg 344 (6 km west of the Project site)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Dug well, Lunenburg County (DNR database)	Glacial till (Baechler & Baechler, 2005)	Basal till (Baechler & Baechler, 1986)	Guideline Type	Value	
Sodium, mg/L	24.1	10.00	42.00	36.20	16.70	2.00	28.50	34.80	194.00	15.70	11.00	15.20	10.81		AO<=	200	
Potassium, mg/L	1.8	1.40	2.50	1.80	1.70	0.50	2.20	1.30	13.00	1.60	2.00	1.80					
Calcium, mg/L	8	5.80	22.00	4.30	7.50	30.70	26.60	11.10	94.00	14.70	16.30	5.20	17.80				
Magnesium, mg/L	1.1	2.60	4.00	1.00	1.50	1.50	3.80	2.90	13.50	1.40	3.30	2.40	3.96				
Hardness, mg/L, as CaCO3	17	-	73.00	14.90	25.30	82.80	82.10	39.60	290.00	42.40	54.20	22.90	62.00	40-430	64-437		
Alkalinity, mg/L, as CaCO3	17	6.60	2.50	81.00	18.00	76.00	129.00	0.50	80.00	30.00	30.00	2.50	47.00	38-279			
Sulfate, mg/L	10	22.00	66.00	20.00	11.00	5.00	20.50	38.00	72.00	19.00	20.00	10.00	10.50		AO<=	500	
Chloride, mg/L	34	14.50	74.00	8.00	22.80	2.00	6.20	42.00	450.00	20.00	18.00	24.00	18.60		AO<=	250	
Fluoride, mg/L	0.05	0.12	-	-	0.34	0.05	0.90	0.05	-	0.48	0.05	-	<0.1-1		MAC	1.5	
Silica, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	4.8-16.9				
ortho-phosphorus, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-				
Nitrate-nitrite-N, mg/L	0.74	1.60	0.33	0.18	0.21	0.07	0.03	0.22	1.80	0.52	1.50	1.90	1.47		MAC	10	
Ammonia-N, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-				
TDS, mg/L	100	-	-	-	-	-	-	-	-	-	-	-	110.00	106-632	AO<=	500	
Color, TCU	-	-	-	-	-	-	-	-	-	-	-	-	91-291		AO<=	15	
Turbidity, NTU	-	-	-	-	-	-	-	-	-	-	-	-	-		MAC, AO<=	1.5	
Conductivity, uS/cm	-	-	-	-	-	-	-	-	-	-	-	-	210.00				
pH	6.6	6.80	4.81	8.50	6.80	8.10	8.10	7.00	7.30	7.40	6.70	6.00	6.80	7.1-8.2	7.4-7.9	AO	6.5-8.5
Total organic carbon, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	1-19, mainly <5				
Aluminum, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-		Operational guideline <	0.1, 0.2	
Arsenic, mg/L	0.001	-	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100			MAC	0.01	
Barium, mg/L	-	-	-	-	-	-	-	-	-	-	-	-		0.07-0.17	MAC	1.0	
Beryllium, mg/L	-	-	-	-	-	-	-	-	-	-	-	-					
Boron, mg/L	-	-	-	-	-	-	-	-	-	-	-	-			IMAC	5.0	
Copper, mg/L	0.08	0.03000	3.00000	0.76000	0.09000	0.11800	1.19000	0.39100	0.02500	0.02900	0.08100	0.11000	0.35340	0.02-1.12	AO<=	1.0	
Lead, mg/L	0.003	0.07800	0.66000	0.02200	0.01300	0.00100	0.08400	0.06400	0.02200	0.00600	0.00400	0.03500	0.03000	0.03-0.55	AO<=	0.3	
Manganese, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	<0.01-2.2	0.01-0.17	MAC	0.01	
Molybdenum, mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-				
Strontium, mg/L	0.0001	-	0.00160	0.00070	0.00130	0.00100	0.00250	0.00100	0.00010	0.00100	0.00100	0.00005			IMAC	0.02	
Uranium, mg/L	-	-	-	-	-	-	-	-	-	-	-	-			AO<=	5.0	
Zinc, mg/L	-	-	-	-	-	-	-	-	-	-	-	-					
Comments																	

Notes:
 1. Most examples are from Lunenburg County, though some from other parts of the province are included for comparison (Keddle, Tresscott, Baechler & Baechler).
 2. Shaded values exceed current values in the Guidelines for Canadian Drinking Water Quality.
 3. For secure groundwater supplies (those not under the direct influence of surface water), turbidity in water entering the distribution system should be low (around 1.0 NTU) for effective operation of the distribution system. However, levels of 5.0 NTU may be permitted at the tap if the turbidity is non-organic, not health-related, and disinfection is not compromised by use of this less stringent value.



Table 6: Summary of Pumping Test Data - Wells Drilled Through Granite Located 10 km from Project Site

Pump Test ID	Well No.	Community	County	Test Completed For	Geology	Well Details		Pumping Test Information					Pumping Well					
						Well Depth (m)	Casing Diameter (mm)	Casing Length (m)	Test Date	Static Water (m)	Avail dd (m)	Total dd (m)	% Avail. dd	Average Yield (igpm)	T (m ² /d)	Q20 (igpm)	Q20 K (cm/s)	
LUN-36	912339	New Ross	Lunenburg	Senior Citizens Home, NS Dept. of Housing	GT	42.7	152	25.9	8-Mar-91	17.8	18.7	17.8	95	4.5	0.8	5.9	1.3	0.04
LUN-7	711229	Sherwood	Lunenburg	Card Lake Provincial Park, NS Dept. of Lands & Fore sts	GT	54.3	152	25.0	1-Jan-72	9.2	36	19.7	55	14	3.7	50	11.0	0.124

Notes:

- T Transmissivity
 - S Storativity
 - Q20 Potential long-term pumping well yield
 - dd Drawdown
 - K Conductivity
 - GT Granite
- NSDOE Imperial files converted to metric, except yield (igpm/gpm)
 Source: Summary of Pumping Test (From NSEL Inventory & Other NSEL Reports) - Latest Update 2009

Table 7: Example Water Quality from Drilled Wells Completed in Granite Bedrock (Individual Samples and Means)

Project #11-4314

Parameter	Granite Bedrock				Guideline	
	Reg1053	Reg1097	Reg1557	Reg844	Guideline type	Value
Alk (mg/L)	79	69	25	-	-	-
HCO3 (mg/L)	78.4	69	25	-	-	-
CO3 (mg/L)	0.5	0.5	-	-	-	-
Na (mg/L)	8.2	30.3	31	37.9	AO	200
K (mg/L)	1.2	1.9	1.4	2	-	-
Ca (mg/L)	26	4.8	34	4.7	-	-
Mg (mg/L)	7.8	0.9	3.2	0.7	-	-
F (mg/L)	0.2	-	0.3	2.6	MAC	1.5
SO4 (mg/L)	9.1	1	10	4	AO	500
Cl (mg/L)	22	6	87	7	AO	250
Hardness (mg/L)	96	15.7	99	14.6	-	-
TDS (mg/L)	148	113	190	124	AO	500
pH	7.32	7.4	7.03	7.6	AO	6.5-8.5
NO3 - NO2N (mg/L)	0.01	0.025	0.33	0.025	MAC	10
As (ug/L)	2	-	-	21	MAC	10
U (ug/L)	3.9	-	49	26	IMAC	20
Fe (ug/L)	25	480	-	1300	AO	300
Mn (ug/L)	1	20	-	30	AO	50
Comments	Sample date: February 9, 2005	Sample date: December 16, 2003	Sample Date: September 14, 2006	Sample date: September 27, 2002		

Notes:

1. Shaded values exceed current values in the Guidelines for Canadian Drinking Water Quality.
2. Data collected from NS DNR Mineral Resources Branch from wells within 10 km of the Project site.

APPENDIX C
PHOTO LOG



Photo 1: Coniferous Forest on site.



Photo 2: Card Lake from southern property boundary.

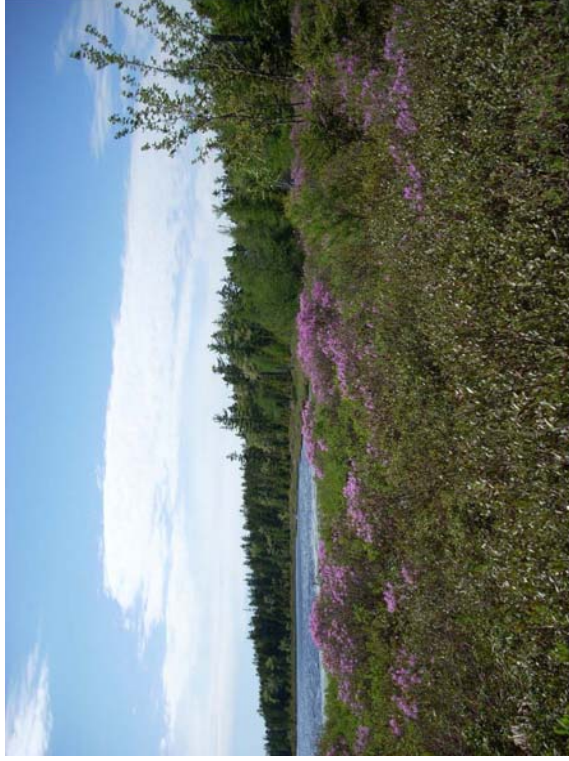


Photo 3: Mud Lake located in the center of the site.



Photo 4: Sherwood Golf & Country Club located south of Project site.



Photo 5: Adjacent property located on Wile Settlement Road along the northern property boundary. Water supply via dug well.



Photo 6: Adjacent property on Wilfred Hebb Road, north of Project site.



Photo 7: Adjacent property along Highway 14 located along the eastern boundary of the Project site.



Photo 8: Adjacent property located on Canoe Lake Cove Road, north of the Project site. Water supply via dug.

APPENDIX D
LOCAL DRILLED AND DUG WELL LOG
(FROM NSE WELL LOGS DATABASE)

NSE DRILLED WEL LOG RECORDS

Well Log Record: # 040623

Well Number: 040623

Type: Drilled

Date Well Completed (mm-dd-yyyy): 11-11-2004

Well Owner/Contractor and Location

Well Drilled for: JOHN & KARL LEVY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: 128 SHERWOOD ROAD

Lot #: n/a

Subdivision: n/a

County: LUNENBURG

Postal Code: n/a

Nearest Community in Atlas/Map Book: SHERWOOD

Certified Well Contractor

Driller Name: STEEVES, GEORGE

Certificate No: 170

Company: CLEARWATER WELL DRILLING (1991) LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: DOMESTIC

Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS

Map Page No.: 66

Reference Letter: X

Reference Number: 1

Roamer Letter: A

Roamer Number: 4

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4952869

Easting (m): 398413

Property (PID): 60146438

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 3				
Primary Geology	n/a	n/a	CLAY & BOULDERS	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 3 to: 200				
Primary Geology	GRAY	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 200

Depth to Bedrock (ft): 3

Water Bearing Fractures Encountered at (ft): 100, 195

Outer Well Casing: From (ft): 0 To: 20

Diameter (in): 6

Length of Casing Above Ground (ft): n/a and (in): n/a

Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a

Method: AIR LIFT

Rate (igpm): 20

Duration (hrs): 1

Depth to Water at end of Test (ft): 140

Total Drawdown (ft): 140

Water Level Recovered to (ft): 100
Recovery Time (hrs): n/a
Depth to Static Level (ft): 20
Overflow: n/a

Well Log Record: # 711229

Well Number: 711229
Type: Drilled
Date Well Completed (mm-dd-yyyy): 12-16-1971

Well Owner/Contractor and Location

Well Drilled for: NS DEPT. OF LANDS & FORESTS
or Contractor/Builder/Consultant: n/a

Civic Address of Well: CARD LAKE
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: SHERWOOD

Certified Well Contractor

Driller Name: BOWMASTER, W. L.
Certificate No: 70
Company: W. L. BOWMASTER WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: n/a
Water Use: INDUSTRIAL
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A9
Reference Map: C

Tract No.: 95
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4953380
Easting (m): 399702
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 80				
Primary Geology	n/a	n/a	BOULDERS & CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 80 to: 178				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 178
Depth to Bedrock (ft): 80
Water Bearing Fractures Encountered at (ft): n/a
Outer Well Casing: From (ft): 6 To: 82
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: UNKNOWN

Water Yield

Estimated Yield (igpm): n/a
Method: n/a
Rate (igpm): 15

Duration (hrs): 72
Depth to Water at end of Test (ft): 10
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 070687

Well Number: 070687
Type: Drilled
Date Well Completed (mm-dd-yyyy): 10-17-2007

Well Owner/Contractor and Location

Well Drilled for: CRIS (CHRISTOPHER) RAFUSE
or Contractor/Builder/Consultant: n/a

Civic Address of Well: 591 HIGHWAY #14
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: B0N 2T0
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
Map Page No.: 57
Reference Letter: X
Reference Number: 5
Roamer Letter: E
Roamer Number: 2

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4960190
 Easting (m): 401955
 Property (PID): 45041977
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 7				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 7 to: 220				
Primary Geology	n/a	n/a	GRANITE	Yes
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 220
 Depth to Bedrock (ft): 7
 Water Bearing Fractures Encountered at (ft): 200
 Outer Well Casing: From (ft): 0 To: 22
 Diameter (in): 6
 Length of Casing Above Ground (ft): 1 and (in): n/a
 Driveshoe Make: MEDIUM

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 20
 Duration (hrs): 1
 Depth to Water at end of Test (ft): n/a

Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): -0.1
Overflow: Yes

Well Log Record: # 070737

Well Number: 070737
Type: Drilled
Date Well Completed (mm-dd-yyyy): 5-25-2007

Well Owner/Contractor and Location

Well Drilled for: WILLIAM CLARKE
or Contractor/Builder/Consultant: n/a

Civic Address of Well: HIGHWAY #14
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
Map Page No.: 57
Reference Letter: X
Reference Number: 4
Roamer Letter: E
Roamer Number: 6

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962208
 Easting (m): 402005
 Property (PID): n/a
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 8				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 8 to: 12				
Primary Geology	n/a	n/a	SAND & GRAVEL	Yes
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 12 to: 420				
Primary Geology	n/a	n/a	GRANITE	Yes
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 420
Depth to Bedrock (ft): 12
Water Bearing Fractures Encountered at (ft): 40, 420
Outer Well Casing: From (ft): 0 To: 20
Diameter (in): 6
Length of Casing Above Ground (ft): 1 and (in): n/a
Driveshoe Make: MEDIUM

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 2.5
Duration (hrs): 1
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): 10
Recovery Time (hrs): 14
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 660648

Well Number: 660648
Type: Drilled
Date Well Completed (mm-dd-yyyy): 7-14-1966

Well Owner/Contractor and Location

Well Drilled for: KITTY ARMSTRONG
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: TRASK, JAMES L.
Certificate No: 18
Company: S. G. TRASK AND SONS LTD.

Well Status / Water Use

Final Status of Well: n/a
Water Use: DOMESTIC
Method of Drilling: CABLE TOOL

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 20
Reference Letter: A
Reference Number: 3
Roamer Letter: G
Roamer Number: 15

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4961500
Easting (m): 401500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 10				
Primary Geology	n/a	n/a	DRIFT	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 10 to: 88				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 88
Depth to Bedrock (ft): 10

Water Bearing Fractures Encountered at (ft): 18
Outer Well Casing: From (ft): 6 To: 15.5
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: UNKNOWN

Water Yield

Estimated Yield (igpm): n/a
Method: n/a
Rate (igpm): 5
Duration (hrs): 1
Depth to Water at end of Test (ft): 18
Total Drawdown (ft): 46
Water Level Recovered to (ft): 18
Recovery Time (hrs): 0
Depth to Static Level (ft): 18
Overflow: n/a

Well Log Record: # 782038

Well Number: 782038
Type: Drilled
Date Well Completed (mm-dd-yyyy): 12-31-1978

Well Owner/Contractor and Location

Well Drilled for: ERWIN SMALTZER
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: GALLEY, JACK WALTER
Certificate No: 90
Company: n/a

Well Status / Water Use

Final Status of Well: n/a
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
Reference Map: A
Tract No.: 60
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
Easting (m): 401984
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 8				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 8 to: 205				
Primary Geology	n/a	n/a	SLATE	n/a
Secondary Geology	n/a	n/a	SHALE	

Well Construction Information

Total Depth Below Surface (ft): 205
Depth to Bedrock (ft): 8
Water Bearing Fractures Encountered at (ft): n/a
Outer Well Casing: From (ft): n/a To: 14

Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: n/a
Rate (igpm): 3
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 13
Overflow: n/a

Well Log Record: # 791497

Well Number: 791497
Type: Drilled
Date Well Completed (mm-dd-yyyy): 12-22-1979

Well Owner/Contractor and Location

Well Drilled for: DENNIS MOSHER
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: PHELAN, JOHN L.
Certificate No: 69
Company: K. D. ROGERS WELL DRILLING

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
 Map Page No.: n/a
 Reference Letter: n/a
 Reference Number: n/a
 Roamer Letter: n/a
 Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
 Reference Map: A
 Tract No.: 60
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
 Easting (m): 401984
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 1				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 1 to: 125				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 125
 Depth to Bedrock (ft): 1
 Water Bearing Fractures Encountered at (ft): n/a
 Outer Well Casing: From (ft): n/a To: 12
 Diameter (in): 6

Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 16
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 16
Overflow: n/a

Well Log Record: # 791499

Well Number: 791499
Type: Drilled
Date Well Completed (mm-dd-yyyy): 12-8-1979

Well Owner/Contractor and Location

Well Drilled for: JACK ZINCK
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: PHELAN, JOHN L.
Certificate No: 69
Company: K. D. ROGERS WELL DRILLING

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
Reference Map: A
Tract No.: 60
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
Easting (m): 401984
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 127				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 127
Depth to Bedrock (ft): n/a
Water Bearing Fractures Encountered at (ft): n/a
Outer Well Casing: From (ft): n/a To: 8
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: n/a
Rate (igpm): 17
Duration (hrs): n/a

Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 17
Overflow: n/a

Well Log Record: # 801322

Well Number: 801322
Type: Drilled
Date Well Completed (mm-dd-yyyy): 2-22-1980

Well Owner/Contractor and Location

Well Drilled for: BAPTIST CHURCH
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: PHELAN, JOHN L.
Certificate No: 69
Company: K. D. ROGERS WELL DRILLING

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
 Reference Map: A
 Tract No.: 60
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
 Easting (m): 401984
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 80				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 80 to: 116				
Primary Geology	n/a	n/a	SAND /LENSES	n/a
Secondary Geology	n/a	n/a	GRAVEL	
From (depth in ft): 116 to: 155				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 155
Depth to Bedrock (ft): 116
Water Bearing Fractures Encountered at (ft): 35
Outer Well Casing: From (ft): n/a To: 120
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: BAILED
Rate (igpm): 3
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 35
Overflow: n/a

Well Log Record: # 801323

Well Number: 801323
Type: Drilled
Date Well Completed (mm-dd-yyyy): 1-21-1980

Well Owner/Contractor and Location

Well Drilled for: ROSCOE CHANDLER
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: PHELAN, JOHN L.
Certificate No: 69
Company: K. D. ROGERS WELL DRILLING

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
Reference Map: A
Tract No.: 60
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
Easting (m): 401984
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 17				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 17 to: 125				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 125
Depth to Bedrock (ft): 17

Water Bearing Fractures Encountered at (ft): 10
Outer Well Casing: From (ft): n/a To: 22
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: BAILED
Rate (igpm): 7
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 10
Overflow: n/a

Well Log Record: # 801335

Well Number: 801335
Type: Drilled
Date Well Completed (mm-dd-yyyy): 1-16-1980

Well Owner/Contractor and Location

Well Drilled for: SAMUEL RAFUSE
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: UPPER VAUGHAN

Certified Well Contractor

Driller Name: PHELAN, JOHN L.
Certificate No: 69
Company: K. D. ROGERS WELL DRILLING

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A16
Reference Map: A
Tract No.: 60
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4962869
Easting (m): 401984
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 15				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	GRAVEL	
From (depth in ft): 15 to: 120				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 120
Depth to Bedrock (ft): 15
Water Bearing Fractures Encountered at (ft): 10
Outer Well Casing: From (ft): n/a To: 21

Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: BAILED
Rate (igpm): 5
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 10
Overflow: n/a

Well Log Record: # 020696

Well Number: 020696
Type: Drilled
Date Well Completed (mm-dd-yyyy): 8-13-2002

Well Owner/Contractor and Location

Well Drilled for: DONALD SWINAMER
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: WILE SETTLEMENT

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
 Map Page No.: 57
 Reference Letter: X
 Reference Number: 4
 Roamer Letter: C
 Roamer Number: 6

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4961979
 Easting (m): 399663
 Property (PID): n/a
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 32				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 32 to: 200				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 200
 Depth to Bedrock (ft): 32
 Water Bearing Fractures Encountered at (ft): 40, 200
 Outer Well Casing: From (ft): n/a To: 40
 Diameter (in): 6

Length of Casing Above Ground (ft): 1 and (in): n/a
Driveshoe Make: UNKNOWN

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 5
Duration (hrs): 1
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 941835

Well Number: 941835
Type: Drilled
Date Well Completed (mm-dd-yyyy): 10-28-1994

Well Owner/Contractor and Location

Well Drilled for: RONALD LEVY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: VAUGHAN
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, BRUCE
Certificate No: 110
Company: VALLEY WELL DRILLERS LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
 Map Page No.: 14
 Reference Letter: E
 Reference Number: 3
 Roamer Letter: O
 Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
 Easting (m): 398500
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 30				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 30 to: 320				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	ROCK	

Well Construction Information

Total Depth Below Surface (ft): 320
 Depth to Bedrock (ft): 30
 Water Bearing Fractures Encountered at (ft): 150, 320
 Outer Well Casing: From (ft): n/a To: 40
 Diameter (in): 6

Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 15
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 40
Overflow: n/a

Well Log Record: # 941836

Well Number: 941836
Type: Drilled
Date Well Completed (mm-dd-yyyy): 10-28-1994

Well Owner/Contractor and Location

Well Drilled for: WAYNE LEVY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: VAUGHAN
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, BRUCE
Certificate No: 110
Company: VALLEY WELL DRILLERS LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
 Map Page No.: 14
 Reference Letter: E
 Reference Number: 3
 Roamer Letter: O
 Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
 Easting (m): 398500
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 30				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 30 to: 340				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	BEDROCK	

Well Construction Information

Total Depth Below Surface (ft): 340
 Depth to Bedrock (ft): 30
 Water Bearing Fractures Encountered at (ft): 40, 340
 Outer Well Casing: From (ft): n/a To: 40
 Diameter (in): 6

Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 2
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 010150

Well Number: 010150
Type: Drilled
Date Well Completed (mm-dd-yyyy): 5-16-2001

Well Owner/Contractor and Location

Well Drilled for: BRIAN E. LEVY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
 Map Page No.: 14
 Reference Letter: E
 Reference Number: 3
 Roamer Letter: L
 Roamer Number: 15

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4961500
 Easting (m): 395500
 Property (PID): n/a
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 5				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 5 to: 200				
Primary Geology	n/a	n/a	QUARTZITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 200
 Depth to Bedrock (ft): 5
 Water Bearing Fractures Encountered at (ft): 140, 200
 Outer Well Casing: From (ft): n/a To: 40
 Diameter (in): 6

Length of Casing Above Ground (ft): 1 and (in): n/a
Driveshoe Make: UNKNOWN

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 2
Duration (hrs): 1
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 060881

Well Number: 060881
Type: Drilled
Date Well Completed (mm-dd-yyyy): 10-30-2006

Well Owner/Contractor and Location

Well Drilled for: GREG & MARY MACDONALD
or Contractor/Builder/Consultant: n/a

Civic Address of Well: 209 CANOE LAKE COVE ROAD
Lot #: 7
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
 Map Page No.: 57
 Reference Letter: X
 Reference Number: 4
 Roamer Letter: A
 Roamer Number: 4

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963841
 Easting (m): 395850
 Property (PID): 45039997
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 6				
Primary Geology	n/a	n/a	CLAY & BOULDERS	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 6 to: 125				
Primary Geology	n/a	n/a	QUARTZITE	Yes
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 125 to: 260				

Geology	Colour	Description	Lithology	Water Found
Primary Geology	n/a	MIXED	QUARTZITE & GRANITE	Yes
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 260
 Depth to Bedrock (ft): 6
 Water Bearing Fractures Encountered at (ft): 80, 260
 Outer Well Casing: From (ft): 0 To: 20
 Diameter (in): 6
 Length of Casing Above Ground (ft): 1 and (in): 6
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 1
 Duration (hrs): 1
 Depth to Water at end of Test (ft): n/a
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): 200
 Recovery Time (hrs): 1
 Depth to Static Level (ft): n/a
 Overflow: n/a

Well Log Record: # 951524

Well Number: 951524
 Type: Drilled
 Date Well Completed (mm-dd-yyyy): 7-21-1995

Well Owner/Contractor and Location

Well Drilled for: RITCHIE BOYD
 or Contractor/Builder/Consultant: n/a

Civic Address of Well: CANOE LAKE
 Lot #: n/a
 Subdivision: n/a
 County: HANTS

Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, BRUCE
Certificate No: 110
Company: VALLEY WELL DRILLERS LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 14
Reference Letter: E
Reference Number: 3
Roamer Letter: L
Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
Easting (m): 395500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 4				
Primary Geology	n/a	n/a	CLAY	n/a

Geology	Colour	Description	Lithology	Water Found
Secondary Geology	n/a	n/a	ROCK	
From (depth in ft): 4 to: 155				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 155
Depth to Bedrock (ft): n/a
Water Bearing Fractures Encountered at (ft): 95, 155
Outer Well Casing: From (ft): n/a To: 20
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 8
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 20
Overflow: n/a

Well Log Record: # 962525

Well Number: 962525
Type: Drilled
Date Well Completed (mm-dd-yyyy): 11-20-1996

Well Owner/Contractor and Location

Well Drilled for: HARLEY LEOPOLD
or Contractor/Builder/Consultant: n/a

Civic Address of Well: 255 NEW ROSS ROAD
Lot #: n/a

Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: KITCHIN, WILLIS A.
Certificate No: 226
Company: n/a

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 14
Reference Letter: E
Reference Number: 3
Roamer Letter: M
Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
Easting (m): 396500
Property (PID): n/a
Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
---------	--------	-------------	-----------	-------------

From (depth in ft): 0 to: 9

Geology	Colour	Description	Lithology	Water Found
Primary Geology	n/a	n/a	GRAVEL	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 9 to: 79				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 79
 Depth to Bedrock (ft): 9
 Water Bearing Fractures Encountered at (ft): 30, 75
 Outer Well Casing: From (ft): n/a To: 20
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: BAILED
 Rate (igpm): 4
 Duration (hrs): n/a
 Depth to Water at end of Test (ft): n/a
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): n/a
 Recovery Time (hrs): n/a
 Depth to Static Level (ft): 11
 Overflow: n/a

Well Log Record: # 962857

Well Number: 962857
 Type: Drilled
 Date Well Completed (mm-dd-yyyy): 11-28-1996

Well Owner/Contractor and Location

Well Drilled for: HARLEY LEOPOLD
 or Contractor/Builder/Consultant: n/a

Civic Address of Well: 256 NEW ROSS ROAD
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: KITCHIN, WILLIS A.
Certificate No: 226
Company: n/a

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 14
Reference Letter: E
Reference Number: 3
Roamer Letter: M
Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
Easting (m): 396500
Property (PID): n/a
Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
----------------	---------------	--------------------	------------------	--------------------

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 8				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	GRAVEL	
From (depth in ft): 8 to: 78				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 78
 Depth to Bedrock (ft): 8
 Water Bearing Fractures Encountered at (ft): 30, 65
 Outer Well Casing: From (ft): n/a To: 15
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: BAILED
 Rate (igpm): 7.5
 Duration (hrs): n/a
 Depth to Water at end of Test (ft): n/a
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): n/a
 Recovery Time (hrs): n/a
 Depth to Static Level (ft): 11
 Overflow: n/a

Well Log Record: # 981410

Well Number: 981410
 Type: Drilled
 Date Well Completed (mm-dd-yyyy): 10-21-1998

Well Owner/Contractor and Location

Well Drilled for: FRANK DOUGHERTY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: CANOE LAKE
Lot #: n/a
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, BRUCE
Certificate No: 110
Company: VALLEY WELL DRILLERS LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 14
Reference Letter: E
Reference Number: 3
Roamer Letter: L
Roamer Number: 13

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
Easting (m): 395500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 15				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 15 to: 25				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	ROCK	
From (depth in ft): 25 to: 300				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	BEDROCK	

Well Construction Information

Total Depth Below Surface (ft): 300
 Depth to Bedrock (ft): 15
 Water Bearing Fractures Encountered at (ft): 100, 300
 Outer Well Casing: From (ft): n/a To: 34
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 1.5
 Duration (hrs): n/a
 Depth to Water at end of Test (ft): n/a
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): n/a
 Recovery Time (hrs): n/a
 Depth to Static Level (ft): 15
 Overflow: n/a

Well Log Record: # 992566

Well Number: 992566

Type: Drilled

Date Well Completed (mm-dd-yyyy): 9-14-1999

Well Owner/Contractor and Location

Well Drilled for: ANDRE DESSUREAULT
or Contractor/Builder/Consultant: n/a

Civic Address of Well: CANOE LAKE, NORTH LEMINSTER

Lot #: n/a

Subdivision: n/a

County: HANTS

Postal Code: n/a

Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, BRUCE

Certificate No: 110

Company: VALLEY WELL DRILLERS LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: DOMESTIC

Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP

Map Page No.: 14

Reference Letter: E

Reference Number: 3

Roamer Letter: L

Roamer Number: 13

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963500
 Easting (m): 395500
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 5				
Primary Geology	n/a	n/a	LOAM	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 5 to: 30				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	ROCK	
From (depth in ft): 30 to: 320				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 320
 Depth to Bedrock (ft): 5
 Water Bearing Fractures Encountered at (ft): 150, 320
 Outer Well Casing: From (ft): n/a To: 40
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 2

Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 25
Overflow: n/a

Well Log Record: # 950340

Well Number: 950340
Type: Drilled
Date Well Completed (mm-dd-yyyy): 7-24-1995

Well Owner/Contractor and Location

Well Drilled for: CHRISTINE LEVEY
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: NEW RUSSELL

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 14
Reference Letter: E
Reference Number: 3
Roamer Letter: H
Roamer Number: 15

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4961500
 Easting (m): 392500
 Property (PID): n/a
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 19				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 19 to: 280				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 280
 Depth to Bedrock (ft): 19
 Water Bearing Fractures Encountered at (ft): 60, 280
 Outer Well Casing: From (ft): n/a To: 25
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 1
 Duration (hrs): n/a
 Depth to Water at end of Test (ft): n/a

Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 801962

Well Number: 801962
Type: Drilled
Date Well Completed (mm-dd-yyyy): 9-28-1980

Well Owner/Contractor and Location

Well Drilled for: MEDFORD DANIELS
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: NEW ROSS

Certified Well Contractor

Driller Name: STEEVES, GEORGE
Certificate No: 170
Company: CLEARWATER WELL DRILLING (1991) LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: NTS
Map Page No.: n/a
Reference Letter: n/a
Reference Number: n/a
Roamer Letter: n/a
Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A9
 Reference Map: C
 Tract No.: 101
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4955286
 Easting (m): 393619
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 15				
Primary Geology	n/a	n/a	SAND /LENSES	n/a
Secondary Geology	n/a	n/a	GRAVEL	
From (depth in ft): 15 to: 120				
Primary Geology	n/a	n/a	QUARTZITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 120
 Depth to Bedrock (ft): 15
 Water Bearing Fractures Encountered at (ft): 80, 120
 Outer Well Casing: From (ft): n/a To: 20
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: AIR LIFT
Rate (igpm): 0.2
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 060881

Well Number: 060881
Type: Drilled
Date Well Completed (mm-dd-yyyy): 10-30-2006

Well Owner/Contractor and Location

Well Drilled for: GREG & MARY MACDONALD
or Contractor/Builder/Consultant: n/a

Civic Address of Well: 209 CANOE LAKE COVE ROAD
Lot #: 7
Subdivision: n/a
County: HANTS
Postal Code: n/a
Nearest Community in Atlas/Map Book: LEMINSTER

Certified Well Contractor

Driller Name: ROGERS, KIRK
Certificate No: 307
Company: K. D. ROGERS WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
Map Page No.: 57
Reference Letter: X
Reference Number: 4
Roamer Letter: A
Roamer Number: 4

NTS Map Reference

Map Sheet: n/a
 Reference Map: n/a
 Tract No.: n/a
 Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4963841
 Easting (m): 395850
 Property (PID): 45039997
 Well Location Sketch Available: Yes

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 6				
Primary Geology	n/a	n/a	CLAY & BOULDERS	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 6 to: 125				
Primary Geology	n/a	n/a	QUARTZITE	Yes
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 125 to: 260				
Primary Geology	n/a	MIXED	QUARTZITE & GRANITE	Yes
Secondary	n/a	n/a	n/a	

Geology	Colour	Description	Lithology	Water Found
Geology				

Well Construction Information

Total Depth Below Surface (ft): 260
 Depth to Bedrock (ft): 6
 Water Bearing Fractures Encountered at (ft): 80, 260
 Outer Well Casing: From (ft): 0 To: 20
 Diameter (in): 6
 Length of Casing Above Ground (ft): 1 and (in): 6
 Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
 Method: AIR LIFT
 Rate (igpm): 1
 Duration (hrs): 1
 Depth to Water at end of Test (ft): n/a
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): 200
 Recovery Time (hrs): 1
 Depth to Static Level (ft): n/a
 Overflow: n/a

NSE DUG WELL LOG RECORDS

Well Log Record: # 960193

Well Number: 960193
Type: Dug
Date Well Completed (mm-dd-yyyy): 5-20-1996

Well Owner/Contractor and Location

Well Drilled for: PETRA WILCH
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: MARTINS POINT

Certified Well Contractor

Driller Name: LANGILLE, MERRILL
Certificate No: 442
Company: LANGILLE'S EXCAVATION LIMITED

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 15
Reference Letter: E
Reference Number: 2
Roamer Letter: L
Roamer Number: 7

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4929500
Easting (m): 395500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
---------	--------	-------------	-----------	-------------

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 1				
Primary Geology	n/a	n/a	SOIL /EARTH	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 1 to: 16				
Primary Geology	n/a	n/a	ROCK	n/a
Secondary Geology	n/a	n/a	GRAVEL	

Well Construction Information

Total Depth Below Surface (ft): 16
Depth to Bedrock (ft): n/a
Water Bearing Fractures Encountered at (ft): n/a
Outer Well Casing: From (ft): n/a To: 18
Diameter (in): 36
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): n/a
Reservoir Material: n/a
Reservoir Volume (cu yd): n/a
Reservoir Material Size: n/a
Apron Material: n/a
Apron Depth (ft): n/a
Apron Thickness (ft): n/a
Apron Width (ft): 4
Apron Volume (cu yd): n/a
Bottom Material: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: BAILED
Rate (igpm): 5
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 5
Overflow: n/a

Well Log Record: # 010227

Well Number: 010227

Type: Dug

Date Well Completed (mm-dd-yyyy): 8-14-2001

Well Owner/Contractor and Location

Well Drilled for: RICHARD ROAST

or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: WESTERN SHORE

Certified Well Contractor

Driller Name: DOREY, MONTY S.
Certificate No: 364
Company: MONTY DOREY EXCAVATION LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: UNKNOWN

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP
Map Page No.: 15
Reference Letter: E
Reference Number: 1
Roamer Letter: L
Roamer Number: 15

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4931500
Easting (m): 395500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 7				
Primary Geology	n/a	CLAYEY	FILL	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 7 to: 15				
Primary Geology	n/a	n/a	BEDROCK	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 15

Depth to Bedrock (ft): 7

Water Bearing Fractures Encountered at (ft): 6

Outer Well Casing: From (ft): n/a To: 15

Diameter (in): 36

Length of Casing Above Ground (ft): n/a and (in): n/a

Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 15

Reservoir Material: OTHER

Reservoir Volume (cu yd): 14

Reservoir Material Size: 4

Apron Material: n/a

Apron Depth (ft): 5

Apron Thickness (ft): n/a

Apron Width (ft): 10

Apron Volume (cu yd): n/a

Bottom Material: STONE

Water Yield

Estimated Yield (igpm): n/a
Method: PUMPED
Rate (igpm): 200
Duration (hrs): 0.2
Depth to Water at end of Test (ft): 1
Total Drawdown (ft): n/a
Water Level Recovered to (ft): 9
Recovery Time (hrs): 24
Depth to Static Level (ft): 9
Overflow: n/a

Well Log Record: # 030407

Well Number: 030407
Type: Dug
Date Well Completed (mm-dd-yyyy): 12-1-2003

Well Owner/Contractor and Location

Well Drilled for: JOSE TEXIETS
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: MARTINS POINT

Certified Well Contractor

Driller Name: DOREY, MONTY S.
Certificate No: 364
Company: MONTY DOREY EXCAVATION LTD.

Well Status / Water Use

Final Status of Well: n/a
Water Use: DOMESTIC
Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP

Map Page No.: 15

Reference Letter: E

Reference Number: 2

Roamer Letter: L

Roamer Number: 9

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4927500

Easting (m): 395500

Property (PID): n/a

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 4				
Primary Geology	n/a	DIRTY	FILL	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 4 to: 17				
Primary Geology	n/a	n/a	BEDROCK	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 17
Depth to Bedrock (ft): 4
Water Bearing Fractures Encountered at (ft): 5
Outer Well Casing: From (ft): 0 To: 17
Diameter (in): 3
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 17
Reservoir Material: n/a
Reservoir Volume (cu yd): 58
Reservoir Material Size: n/a
Apron Material: n/a
Apron Depth (ft): 5
Apron Thickness (ft): n/a
Apron Width (ft): 16
Apron Volume (cu yd): n/a
Bottom Material: BEDROCK

Water Yield

Estimated Yield (igpm): n/a
Method: PUMPED
Rate (igpm): 220
Duration (hrs): 0.5
Depth to Water at end of Test (ft): 1.5
Total Drawdown (ft): n/a
Water Level Recovered to (ft): 13
Recovery Time (hrs): 24
Depth to Static Level (ft): 14
Overflow: n/a

Well Log Record: # 040115

Well Number: 040115

Type: Dug

Date Well Completed (mm-dd-yyyy): 4-12-2004

Well Owner/Contractor and Location

Well Drilled for: JEAN ASSELIN
or Contractor/Builder/Consultant: n/a

Civic Address of Well: BEHIND CIVIC 6336
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: WESTERN SHORE

Certified Well Contractor

Driller Name: SWINAMER, DAVID
Certificate No: 721
Company: OVER-TIME CONSTRUCTION

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL
Water Use: DOMESTIC
Method of Drilling: DUG

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS
Map Page No.: 66
Reference Letter: W
Reference Number: 5
Roamer Letter: G
Roamer Number: 2

NTS Map Reference

Map Sheet: n/a
Reference Map: n/a
Tract No.: n/a
Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4932420

Easting (m): 395229

Property (PID): n/a

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 2				
Primary Geology	n/a	n/a	TOPSOIL	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 2 to: 10				
Primary Geology	TAN	GRAVELLY	SOIL /EARTH	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 10 to: 12				
Primary Geology	n/a	n/a	SHALE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 13

Depth to Bedrock (ft): 10

Water Bearing Fractures Encountered at (ft): 6, 12

Outer Well Casing: From (ft): n/a To: 13

Diameter (in): 36

Length of Casing Above Ground (ft): n/a and (in): n/a

Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 7.5

Reservoir Material: n/a

Reservoir Volume (cu yd): 30

Reservoir Material Size: n/a

Apron Material: n/a

Apron Depth (ft): 4

Apron Thickness (ft): n/a

Apron Width (ft): 5

Apron Volume (cu yd): n/a

Bottom Material: SLATE

Water Yield

Estimated Yield (igpm): n/a

Method: n/a

Rate (igpm): n/a

Duration (hrs): n/a

Depth to Water at end of Test (ft): n/a

Total Drawdown (ft): n/a

Water Level Recovered to (ft): n/a

Recovery Time (hrs): n/a

Depth to Static Level (ft): 5

Overflow: n/a

Well Log Record: # 040116

Well Number: 040116

Type: Dug

Date Well Completed (mm-dd-yyyy): 4-3-2004

Well Owner/Contractor and Location

Well Drilled for: DAVID NICHOLSON

or Contractor/Builder/Consultant: n/a

Civic Address of Well: SHEPHERD'S LANDING

Lot #: 20

Subdivision: n/a

County: LUNENBURG

Postal Code: n/a

Nearest Community in Atlas/Map Book: MARTINS POINT

Certified Well Contractor

Driller Name: SWINAMER, DAVID

Certificate No: 721

Company: OVER-TIME CONSTRUCTION

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: DOMESTIC

Method of Drilling: DUG

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS

Map Page No.: 74

Reference Letter: W

Reference Number: 1

Roamer Letter: H

Roamer Number: 1

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4927776

Easting (m): 396148

Property (PID): n/a

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 2				
Primary Geology	n/a	n/a	SEE COMMENTS	n/a
Secondary Geology	n/a	n/a	TOPSOIL	
From (depth in ft): 2 to: 8				
Primary Geology	n/a	GRAVELLY	SOIL /EARTH	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 8 to: 11				
Primary Geology	n/a	n/a	SHALE	n/a
Secondary Geology	n/a	n/a	SEE COMMENTS	

Well Construction Information

Total Depth Below Surface (ft): 11

Depth to Bedrock (ft): n/a

Water Bearing Fractures Encountered at (ft): 5, 8

Outer Well Casing: From (ft): n/a To: 10

Diameter (in): 36

Length of Casing Above Ground (ft): n/a and (in): n/a

Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 6

Reservoir Material: n/a

Reservoir Volume (cu yd): n/a

Reservoir Material Size: n/a

Apron Material: n/a

Apron Depth (ft): 405

Apron Thickness (ft): n/a

Apron Width (ft): 5
Apron Volume (cu yd): n/a
Bottom Material: SLATE

Water Yield

Estimated Yield (igpm): n/a
Method: PUMPED
Rate (igpm): n/a
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 4
Overflow: n/a

Well Log Record: # 042454

Well Number: 042454
Type: Dug
Date Well Completed (mm-dd-yyyy): 7-2-2004

Well Owner/Contractor and Location

Well Drilled for: RICHARD RAFUSE
or Contractor/Builder/Consultant: n/a

Civic Address of Well: n/a
Lot #: n/a
Subdivision: n/a
County: LUNENBURG
Postal Code: n/a
Nearest Community in Atlas/Map Book: WESTERN SHORE

Certified Well Contractor

Driller Name: VEINOTTE, KENDALL
Certificate No: 463
Company: LAWRENCE S. VEINOTTE ENTERPRISES LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: DOMESTIC

Method of Drilling: DUG

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP

Map Page No.: 15

Reference Letter: E

Reference Number: 1

Roamer Letter: L

Roamer Number: 15

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4931500

Easting (m): 395500

Property (PID): n/a

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
---------	--------	-------------	-----------	-------------

From (depth in ft): 0 to: 1

Primary Geology	n/a	n/a	ORGANIC	n/a
Secondary Geology	n/a	n/a	n/a	

From (depth in ft): 1 to: 6

Geology	Colour	Description	Lithology	Water Found
Primary Geology	n/a	SHALY	FILL	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 6 to: 11				
Primary Geology	n/a	n/a	HARDPAN	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 11 to: 21				
Primary Geology	n/a	n/a	SHALE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 21

Depth to Bedrock (ft): 11

Water Bearing Fractures Encountered at (ft): 11, 16

Outer Well Casing: From (ft): n/a To: 24

Diameter (in): 144

Length of Casing Above Ground (ft): n/a and (in): n/a

Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 8

Reservoir Material: n/a

Reservoir Volume (cu yd): n/a

Reservoir Material Size: n/a

Apron Material: n/a

Apron Depth (ft): 13.5

Apron Thickness (ft): n/a

Apron Width (ft): 15

Apron Volume (cu yd): n/a

Bottom Material: SHALE

Water Yield

Estimated Yield (igpm): n/a

Method: PUMPED

Rate (igpm): 40

Duration (hrs): 0.25

Depth to Water at end of Test (ft): 0.3

Total Drawdown (ft): n/a

Water Level Recovered to (ft): 3

Recovery Time (hrs): 24

Depth to Static Level (ft): 12

Overflow: n/a

NSE PUMP TEST RECORDS

Well Log Record: # 912339

Well Number: 912339

Type: Drilled

Date Well Completed (mm-dd-yyyy): 2-18-1991

Well Owner/Contractor and Location

Well Drilled for: NS DEPT. OF HOUSING
or Contractor/Builder/Consultant: n/a

Civic Address of Well: SENIOR CITIZENS HOME

Lot #: n/a

Subdivision: n/a

County: LUNENBURG

Postal Code: n/a

Nearest Community in Atlas/Map Book: NEW ROSS

Certified Well Contractor

Driller Name: BOWMASTER

Certificate No: 3

Company: WILLIAM BOWMASTER, SR.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: IRRIGATION

Method of Drilling: n/a

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP

Map Page No.: 14

Reference Letter: D

Reference Number: 4

Roamer Letter: K

Roamer Number: 12

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4954500
Easting (m): 384500
Property (PID): n/a
Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 75				
Primary Geology	n/a	n/a	CLAY	n/a
Secondary Geology	n/a	n/a	BOULDERS	
From (depth in ft): 75 to: 85				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 140
Depth to Bedrock (ft): 75
Water Bearing Fractures Encountered at (ft): 100, 135
Outer Well Casing: From (ft): n/a To: 85
Diameter (in): 6
Length of Casing Above Ground (ft): n/a and (in): n/a
Driveshoe Make: n/a

Water Yield

Estimated Yield (igpm): n/a
Method: n/a
Rate (igpm): 20
Duration (hrs): n/a
Depth to Water at end of Test (ft): n/a
Total Drawdown (ft): n/a
Water Level Recovered to (ft): n/a
Recovery Time (hrs): n/a
Depth to Static Level (ft): 55
Overflow: n/a

Well Log Record: # 711229

Well Number: 711229

Type: Drilled

Date Well Completed (mm-dd-yyyy): 12-16-1971

Well Owner/Contractor and Location

Well Drilled for: NS DEPT. OF LANDS & FORESTS
or Contractor/Builder/Consultant: n/a

Civic Address of Well: CARD LAKE

Lot #: n/a

Subdivision: n/a

County: LUNENBURG

Postal Code: n/a

Nearest Community in Atlas/Map Book: SHERWOOD

Certified Well Contractor

Driller Name: BOWMASTER, W. L.

Certificate No: 70

Company: W. L. BOWMASTER WELL DRILLING LTD.

Well Status / Water Use

Final Status of Well: n/a

Water Use: INDUSTRIAL

Method of Drilling: ROTARY

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: MAP

Map Page No.: n/a

Reference Letter: n/a

Reference Number: n/a

Roamer Letter: n/a

Roamer Number: n/a

NTS Map Reference

Map Sheet: 21A9

Reference Map: C

Tract No.: 95

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4953380
 Easting (m): 399702
 Property (PID): n/a
 Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 80				
Primary Geology	n/a	n/a	BOULDERS & CLAY	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 80 to: 178				
Primary Geology	n/a	n/a	GRANITE	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 178
 Depth to Bedrock (ft): 80
 Water Bearing Fractures Encountered at (ft): n/a
 Outer Well Casing: From (ft): 6 To: 82
 Diameter (in): 6
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: UNKNOWN

Water Yield

Estimated Yield (igpm): n/a
 Method: n/a
 Rate (igpm): 15
 Duration (hrs): 72
 Depth to Water at end of Test (ft): 10
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): n/a
 Recovery Time (hrs): n/a

Depth to Static Level (ft): n/a
Overflow: n/a

Well Log Record: # 030420

Well Number: 030420

Type: Dug

Date Well Completed (mm-dd-yyyy): 12-5-2003

Well Owner/Contractor and Location

Well Drilled for: SHOREHAM VILLAGE
or Contractor/Builder/Consultant: n/a

Civic Address of Well: CHESTER

Lot #: n/a

Subdivision: SHOREHAM VILLAGE

County: LUNENBURG

Postal Code: n/a

Nearest Community in Atlas/Map Book: ROBINSONS CORNER

Certified Well Contractor

Driller Name: LENIHAN, EUGENE

Certificate No: 718

Company: ESCG CONSTRUCTION LTD.

Well Status / Water Use

Final Status of Well: WATER SUPPLY WELL

Water Use: PUBLIC (NOT MUNICIPAL)

Method of Drilling: UNKNOWN

Well Location

Nova Scotia Atlas or Map Book Reference

Atlas or Map Book: ATLAS

Map Page No.: 66

Reference Letter: X

Reference Number: 4

Roamer Letter: D

Roamer Number: 6

NTS Map Reference

Map Sheet: n/a

Reference Map: n/a

Tract No.: n/a

Claim: n/a

GPS (WGS84 UTM)

Northing (m): 4933132

Easting (m): 402063

Property (PID): n/a

Well Location Sketch Available: n/a

Stratigraphy Log

Geology	Colour	Description	Lithology	Water Found
From (depth in ft): 0 to: 14				
Primary Geology	n/a	CLAYEY	FILL	n/a
Secondary Geology	n/a	n/a	n/a	
From (depth in ft): 14 to: 20				
Primary Geology	n/a	n/a	ROCK	n/a
Secondary Geology	n/a	n/a	n/a	

Well Construction Information

Total Depth Below Surface (ft): 20
 Depth to Bedrock (ft): 14
 Water Bearing Fractures Encountered at (ft): 5, 20
 Outer Well Casing: From (ft): n/a To: 21.5
 Diameter (in): 240
 Length of Casing Above Ground (ft): n/a and (in): n/a
 Driveshoe Make: n/a

Dug Well Information

Depth of Liner (crock) (ft): 5
 Reservoir Material: n/a
 Reservoir Volume (cu yd): 240
 Reservoir Material Size: n/a
 Apron Material: n/a
 Apron Depth (ft): 5
 Apron Thickness (ft): n/a
 Apron Width (ft): 20
 Apron Volume (cu yd): n/a
 Bottom Material: ROCK

Water Yield

Estimated Yield (igpm): n/a
 Method: PUMPED
 Rate (igpm): 100
 Duration (hrs): 2
 Depth to Water at end of Test (ft): 0.5
 Total Drawdown (ft): n/a
 Water Level Recovered to (ft): 6
 Recovery Time (hrs): 24

Depth to Static Level (ft): 15

Overflow: n/a

APPENDIX E
MINERAL OCCURRENCES

Summary Report for Abandoned Mine Opening

Identification #	NRM-1-001
Opening Name (if available)	WALKER PIT
Commodity Sought	MOLYBDENUM
Vein or Seam Worked (if available)	

Location	NEW RUSSEL
County	LUNENBURG
Orthophoto (1:10 000 sheet)	
NSDNR Claim Reference Map	21A/16B
Tract	17
Claim	M

Type of Opening	Shaft
Original Depth/Length (m) (if available)	19
Degree of Inclination (0 = Not Recorded)	0

Hazard Potential (may change over time)	Low
Protection	Concrete Cap
Date last visited	29 May 1996

Coordinates based upon 6 degree UTM Grid

North American Datum (NAD) 1983

UTM Zone	20
UTM Northing (m)	4958617
UTM Easting (m)	388024

Summary Report for Abandoned Mine Opening

Identification #	LAK-1-001
Opening Name (if available)	
Commodity Sought	TIN
Vein or Seam Worked (if available)	
Location	WALLABACK LAKE
County	LUNENBURG
Orthophoto (1:10 000 sheet)	
NSDNR Claim Reference Map	21A/16B
Tract	57
Claim	B
Type of Opening	Shaft
Original Depth/Length (m) (if available)	4.5
Degree of Inclination (0 = Not Recorded)	0
Hazard Potential (may change over time)	Not Rated
Protection	Not Rated
Date last visited	

Coordinates based upon 6 degree UTM Grid

North American Datum (NAD) 1983

UTM Zone	20
UTM Northing (m)	4962652
UTM Easting (m)	387594

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-031
OCCURENCE NAME:	Leminster Road Fluorite
COMMODITIES:	F
MINERALS:	fluorite
STATUS:	Occurrence
COUNTY:	Hants

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	72	M	399662	4964595	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Pluton	Devono-Carboniferous	Aplite

LOCATION DIRECTIONS

This fluorite occurrence is situated in a road cut on the southeast side of the Vaughan-New Ross Highway, 3.80 km southwest of the intersection with Highway 14 at Vaughan, Hants County.

ALTERATION

hematite

MODE OF OCCURRENCE

fracture fillings

Joint Planes

veins

GEOLOGICAL DESCRIPTION

The host rock is a pink-red, fine to medium-grained aplitic leucogranite, belonging to the New Ross Pluton (MacKenzie, 1974) of the South Mountain Batholith (Devono-Carboniferous age). This host rock is petrologically very similar to that hosting the majority of the fluorite occurrences found in the Leminster area.

The fluorite here is of a minor nature, filling small fractures and lining joint planes that have a near vertical dip and northeast strike. The fluorite veins generally do not exceed 0.2 cm in thickness although 88 m east of the southwestern end of the outcrop, a vein attains a thickness of 1.2 cm. The fluorite at this occurrence is deep to pale purple in colour and is medium- to coarse-grained and crystalline in texture. No associated minerals of economic interest were noted in hand specimen.

PREVIOUS WORK

No reported exploration work has been conducted in this area.

SITE DESCRIPTION

No Data

COMMENTS

This is a summary of Felderhof (1978) Barite, celestite and Fluorite in Nova Scotia; Nova Scotia Department of Mines, Bulletin No. 4 (p. 270) Occurrence #41.

ANALYTICAL INFORMATION					
Sample ID	LAB	Element	Method	Concen	Qualifier
BC-74-33	TUNS	Cu	unknown	60.00	
BC-74-33	TUNS	Pb	unknown	20.00	
BC-74-33	TUNS	Zn	unknown	30.00	
BC-74-34	TUNS	Cu	unknown	64.00	
BC-74-34	TUNS	Pb	unknown	13.00	
BC-74-34	TUNS	Zn	unknown	79.00	
SAMPLE					
SAMPLE ID:	BC-74-33				
SAMPLE TYPE:	Grab				
ROCK TYPE:	Aplite, fluorite				
NORTHING:	4964360	EASTING:	499610		
SAMPLE DESCRIPTION:					

SAMPLE TYPE:	Grab				
ROCK TYPE:	Aplite, fluorite				
NORTHING:	4964360	EASTING:	499610		
SAMPLE DESCRIPTION:					

BIBLIOGRAPHY

Felderhof, G. W. 1978: Barite, celestite and fluorite in Nova Scotia; Nova Scotia Department of Mines, Bulletin No. 4, p. 270.

McKenzie, C. 1974: Petrology of the South Mountain batholith, Nova Scotia; unpublished M.Sc. thesis, Dalhousie University, Halifax, N. S.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Compiled by K. A. MacLeod, November 1995.

Updated by G. A. O'Reilly, April 1997.

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-014
OCCURENCE NAME:	Leminister U, Cu, F Occurrence
COMMODITIES:	U, Cu, F
MINERALS:	autunite, fluorite, pyrite, torbernite, chalcopyrite
STATUS:	Occurrence
COUNTY:	Hants

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	71	O	398512	4964925	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Goldenville Formation	Cambro-Ordovician	Quartzite
Panuke Lake Monzogranite	Devono-Carboniferous	Greisenized Leucomonzogranite

LOCATION DIRECTIONS

No Data

ALTERATION

hematite

MODE OF OCCURRENCE

veins

GEOLOGICAL DESCRIPTION

No Data

PREVIOUS WORK

The mineralization occurs as disseminations in quartz-calcite veins (OFM 88-015). The veins intrude Meguma Group metasedimentary rocks. The veins are small and fracture-controlled. Minerals present are torbernite, fluorite, autunite and pyrite.

SITE DESCRIPTION

No Data

COMMENTS

The location for this occurrence is taken from an unpublished map of Kidd Creek Mines Limited. The location given on NSDNR Open File Map 88-015 appears to be in error. The confusion is raised as the location on Map 88-15 is indicated to be entirely in Mguma Group metasediments while the descriptive notes say it occurs at the metasediment/batholith contact. This discrepancy can only be resolved by a further field check.

BIBLIOGRAPHY

NSDME Open File Map 88-015.

NSDME AR 21A/16B 54-I-65(01) Uranium, Leminster (general coverage only occurrence not defined).

POSSIBLE RESTRICTIONS

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-009
OCCURENCE NAME:	Leminster Molybdenum
COMMODITIES:	As, Fe, Mo
MINERALS:	arsenopyrite, molybdenite, specularite
STATUS:	Occurrence
COUNTY:	Hants

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	70	A	397602	4963875	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Panuke Lake Leucomonzogranite	Devono-Carboniferous	Quartz Veins

LOCATION DIRECTIONS

The Swinimer prospect is located on the edge of a field immediately south of the New Ross-Vaughn Road at Leminster, Hants County. Leminster is located 5.6 km west along the New Ross-Vaughn Road from Vaughn and Highway 14 (O'Reilly et al.).

MODE OF OCCURRENCE

vein

SURVEYS

diamond drilling
geological mapping
pit sunk

GEOLOGICAL DESCRIPTION

Mineralization: Molybdenite occurs in the dump samples at the interface of white clear quartz and grey to to dark grey hornfels and schists. Within the vein, elongate tourmaline needles and angular country rock fragments were observed. Douglas and Campbell (1942b) reported arsenopyrite and specularite, but neither were observed during the present study. Mineralization is found in quartz-calcite veins which intruded Meguma Group hornfels. To the south of the occurrence (approximately 900m), outcrops of cream coloured medium grained muscovite- biotite leucomonzogranite are exposed. Pegmatite dykes were observed associated with the leucomonzogranite intrusion. One of the dykes contains a few flecks of molybdenite, northwest of the main occurrence."

PREVIOUS WORK

A pit was sunk on a 25.4cm quartz-calcite vein in 1918, but has since been filled in (Eardley-Wilmot, 1925). A 170kg hand picked bulk sample assayed 1.08%MoS₂.

No significant work was undertaken in the area until the 1960's when the Nova Scotia Department of Mines sank two drill holes, detailed surface mapping was also conducted. The results of the drilling were not favorable and surface mapping detected no other possible targets.

SITE DESCRIPTION

At present, all that remains is an elongate, trench-like digging, with a small dump containing mineralized quartz boulders.

COMMENTS

These data are a summary of a report by O'Reilly et al. (1982) on mineral occurrences of the New Ross-Mahone Bay area.

BIBLIOGRAPHY

Cameron, J. R., 1950: The New Ross area; Nova Scotia Department of Mines, Annual Report on Mines, 1949, p. 119-127

Douglas, G. V. and Campbell, C. O., 1942b: New Ross area; Nova Scotia Department of Mines, Annual Report on Mines, 1941, p. 101-112

Eardley-Wilmont, V. L., 1925: Molybdenum; Canada Mines Branch, Report 592, p. 58-60

O'Reilly, G. Farley, E. J. and Charest, M. H., 1982: Metasomatic-Hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2

Wallace, J.D., Bingley, J.M. and Shea, F.S., 1963: Geological and geochemical investigation of tin-bearing areas of New Ross, Lunenburg County; Nova Scotia Department of Mines, Open File Report 048

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by: G. O'Reilly (1982)

Updated by: Steven Hughes, October 1995

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-030
OCCURENCE NAME:	Leminster Fluorite Occurrence
COMMODITIES:	F
MINERALS:	fluorite
STATUS:	Occurrence
COUNTY:	Hants

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	70	C	396752	4963735	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
South Mountain Batholith	Devono-Carboniferous	LEUCOGRANITE
South Mountain Batholith	Devono-Carboniferous	LEUCOMONZOGRANITE

LOCATION DIRECTIONS

The Leminster fluorite is found in-situ in a number of small outcrops along the highway between Vaughan and New Ross in the immediate vicinity of Little Island Lake, 4.65 miles southwest of Highway 14 at Vaughan.

ALTERATION

hematite

MODE OF OCCURRENCE

cavity filling

fracture fillings

veins

SURVEYS

blasting

GEOLOGICAL DESCRIPTION

Host Rocks: The occurrence is hosted by pink-cream, medium grained leucomonzogranite-leucogranite. This host intrusion has intruded coarse grained monzogranite with the contact found nearby to the southwest. Most of the mineralization is structurally controlled along veins, fractures and shears, which have a general east-west trend.

Mineralization: Fluorite occurs in different modes, but most abundantly as fracture fillings of vugs and veins of quartz and fluorite. The fluorite ranges in color from clear to green to purple. Different colored varieties are often found coexisting. Veins up to 5cm thick were observed, but generally averaged 1cm in width. Fluorite blebs are pervasive in the wall rocks in close proximity to veins. A brecciated and sheared leucomonzogranite contains fragments cemented by fluorite and chalcedony at the southern end of the occurrence.

PREVIOUS WORK

Mr. Fred Rhodenizer first brought attention to the showing with a description of investigations given by Bingley (1971) and Dawe (1972). At that time, exploratory work consisted solely of blasting some small outcrops in an attempt to uncover additional mineral showings by exposing a fresh surface.

SITE DESCRIPTION

No Data

COMMENTS

No Data

BIBLIOGRAPHY

Bingley, J. M. 1971: Memo re: Leminster fluorite prospect; N. S. Dept. Mines assessment file 21A/16B 18-I-65 (01).

Dawe, J. E. 1972: Report on Little Island Lake fluorite prospect, for Mr. Fred Rhodenizer; N. S. Dept. Mines assessment file 21A/16B 18-I-18 (02).

Fredericks, A. G. 1972: Report on fluorite prospect at Little Island Lake, for Mr. Fred Rhodenizer; N. S. Dept. Mines assessment file 21H/16B 18-I-18 (01).

MacKenzie, C. B. 1974: Petrology of the South Mountain Batholith, western Nova Scotia; unpublished M.Sc. thesis, Dalhousie University.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Updated by Kim MacLeod, November 1995.

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-032
OCCURENCE NAME:	Lower Canoe Lake Fluorite Occurrence
COMMODITIES:	F
MINERALS:	fluorite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	52	C	395132	4962325	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Pluton	Devono- Carboniferous	LEUCOMONZOGRANITE

LOCATION DIRECTIONS

The fluorite showings occur sporadically in a road cut on the north side of the road, beginning at the stream that connects Lower Canoe Lake with Upper Canoe Lake, and continuing for approximately 1,000 feet towards the west.

ALTERATION

hematite

MODE OF OCCURRENCE

fracture fillings

veinlets

veins

GEOLOGICAL DESCRIPTION

The host rock is a light coloured, coarse to very coarse grained quartz monzonite which is part of the New Ross-Vaughan Complex of the South Mountain Batholith. The weathered surface of this outcrop displays a pale white colour, and the joint planes are oriented in such a manner as to give the outcrop a blocky appearance.

The fluorite is structurally controlled, occurring in very minor quantities lining joint planes and fractures and never exceeding 1/8 inch in thickness. No significant alteration of the wall rock was observed.

The fluorite here is deep purple to pale purple in colour and has a medium to coarsely crystalline texture. No other minerals are associated with the fluorite.

The fluorite probably represents a part of the hydrothermal phase of the batholith's emplacement history.

PREVIOUS WORK

No reported exploratory work for fluorite has been undertaken here.

SITE DESCRIPTION

No Data

COMMENTS

MINERAL OCCURRENCE DATABASE

This is a Summary of:

Felderhof, G.W., 1978: Barite, Celestite and Fluorite in Nova Scotia, Nova Scotia Department of Mines, Bulletin No. 4, p.352. (Occurrence #54)

ANALYTICAL INFORMATION					
Sample ID	LAB	Element	Method	Concen	Qualifier
A16-5003	TUNS	Cu	unknown	60.00	
A16-5003	TUNS	F	unknown	700.00	
A16-5003	TUNS	Pb	unknown	20.00	
A16-5003	TUNS	Zn	unknown	60.00	
BC-74-31	TUNS	Cu	unknown	10.00	
BC-74-31	TUNS	F	unknown	15600.00	
BC-74-31	TUNS	Pb	unknown	20.00	
BC-74-31	TUNS	Zn	unknown	10.00	
BC-74-32	TUNS	Cu	unknown	10.00	
BC-74-32	TUNS	F	unknown	4200.00	
BC-74-32	TUNS	Pb	unknown	20.00	
BC-74-32	TUNS	Zn	unknown	30.00	
SAMPLE					
SAMPLE ID:	A16-5003				
SAMPLE TYPE:	Grab				
ROCK TYPE:	Quartz monzonite				
NORTHING:	4962100	EASTING:	395080		
SAMPLE DESCRIPTION:					

SAMPLE TYPE:	Grab				
ROCK TYPE:	Quartz monzonite				
NORTHING:	4962100	EASTING:	395080		
SAMPLE DESCRIPTION:					

SAMPLE TYPE:	Grab				
ROCK TYPE:	Quartz monzonite				
NORTHING:	4962100	EASTING:	395080		
SAMPLE DESCRIPTION:					

BIBLIOGRAPHY

No Data

POSSIBLE RESTRICTIONS

The fluorite occurs here in insufficient quantities to be of commercial interest at the present time.

UPDATED

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-002
OCCURENCE NAME:	Wallaback Lake Au Occurrence
COMMODITIES:	Au
MINERALS:	native gold
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	57	L	387072	4963064	20
21A/16B	57	L	387052	4963444	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Goldenville Formation	Cambro-Ordovician	Quartzite
Goldenville Formation	Cambro-Ordovician	Metawacke

LOCATION DIRECTIONS

The mineralization is reported in outcrop and quartz float.

MODE OF OCCURRENCE

veins

GEOLOGICAL DESCRIPTION

No Data

PREVIOUS WORK

Faribault 1907: "It may be interesting to know that two miles north of the Sn discovery a small area of quartzite and slates of the gold bearing rocks occurs, followed farther east by a much larger area, both of which are all surrounded with granite. Gold has been found in quartz veins in these rocks."

Faribault 1908: "A survey has been made of the outlines of the two areas of quartzite and slate of the gold bearing series occurring in the granite, a short distance to the north of the New Windsor Road between New Ross and Vaughan. The western area is 12 miles long by about a mile wide, and extends from the Kentville Road in a northeasterly direction across De Adders, Camp, Wallaback and Grassy Lakes, where it curves to the eastward across Smith River and the north end of Lower Canoe and Little Island Lakes. From there it extends to Leminister, where the upper slate division overlies the whin rock. Free gold has been discovered by E. Turner in a few quartz veins, and in drift on the east side of Wallaback Lake in a cove opposite a small island. The veins occur on an anticlinal fold running northeasterly on the north side of Grassy Brook and southwesterly across Wallaback Lake to the outlet of Camp Lake."

SITE DESCRIPTION

No Data

COMMENTS

The locations are taken from Faribault's geology map of this area.

BIBLIOGRAPHY

Faribault, E. R. 1907: Geological Survey of Canada, Summary Report for 1907, p. 82.

Faribault, E. R. 1908: Geological Survey of Canada, Summary Report for 1908, p. 154.

POSSIBLE RESTRICTIONS

No Data

UPDATED

No Data

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-012
OCCURENCE NAME:	Turner Tin Prospect (New Ross)
COMMODITIES:	As, Cu, Sn, U, Zn
MINERALS:	arsenopyrite, autunite, cassiterite, chalcopyrite, covellite, pyrite, sphalerite, stannite, torbernite, wittichenite
STATUS:	Prospect
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	34	L	385212	4960375	20
21A/16B	34	L	385242	4960175	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Panuke Lake Leucomonzogranite	Devono-Carboniferous	Leucomonzogranite

LOCATION DIRECTIONS

The Turner Sn prospect is located along both sides of the east branch of Gold River at Mill Road, Lunenburg County. The prospect is accessible by trail from Mill Road (O'Reilly et al. 1982).

ALTERATION

chloritization

greisenization

hematization

MODE OF OCCURRENCE

greisen

veining

SURVEYS

diamond drilling

geological mapping

shaft

soil geochemical

trenching

GEOLOGICAL DESCRIPTION

MINERAL OCCURRENCE DATABASE

Local Geology: There are four veins of major interest in the prospect: Discovery, Elephant, Turner and Elvan. The first three veins are quartz-greisen zones and the fourth a quartz-porphry dyke. Smaller veins (.3 to 1mm) are also found throughout the prospect, striking obliquely to the greisen zones and pinching out in the greisen or surrounding granite. Host to these veins is a muscovite-biotite monzogranite. The texture of the host rock ranges from porphyritic to aplitic with scattered pegmatitic segregations. The area has been subjected to extensive pneumatolytic alteration and is generally pink in color, with red hematized feldspars, altered biotite and fresh quartz and muscovite.

Structure: A number of joint and vein directions were recorded, yielding the following conclusions a) the most prominent group of joints strike 128° and dip 80° east to vertical. They are frequently infilled with unmineralized quartz and strike obliquely to the greisen zones. b) The next most numerous joints strike 040° and dip 80° west to 70° east. These joints were never infilled. c) The third group of joints strike 119° and dip east at high angles. Three quartz veins, a quartz porphyry and a greisen zone follow this direction. d) The least numerous and most poorly developed joint set strikes 150° and dips east. A large number of quartz veins and all the greisens except that mentioned above, strike in this direction (O'Reilly, 1982).

Mineralization: Within the greisen, mineralization is disseminated in patches of phengite and quartz and/or associated with narrow, oxidized, iron-rich veins. Minerals identified include: arsenopyrite, pyrite, sphalerite, chalcopyrite, stannite, wittichenite, cassiterite and covellite. Digenite resulted from the alteration of chalcopyrite and sphalerite. High scintillometer readings were recorded from the Discovery vein, the mineral was assumed to be torbernite or metatorbenite (Ellsworth, 1950). The presence of autenite was suggested by the existence of a green fluorescing mineral in radioactive patches (O'Reilly, 1982).

PREVIOUS WORK

E. Turner first opened the veins in 1907. Assays were carried out in 1910, yielding values of 10-30% Sn and 8% Cu.

Two shafts, 100 feet apart, have been sunk on the tin bearing quartz vein, discovered by E. Turner in the granite. The south shaft is 55 feet and the north one 25 feet deep. At the surface, where first discovered, the vein is 2 feet wide, showing good tin ore, but the development work has proved the vein to be irregular and to pinch out horizontally and in depth, and the prospect has been abandoned.

SITE DESCRIPTION

The Discovery vein is on the south side of the mill stream. From the edge of the stream it is open cut for 210 feet. Eighty feet from the stream there is a shaft, known as the no.2 shaft, vertical and reported as 55 feet deep with no drifting. One hundred and thirty feet north of this shaft is no. 1 shaft, vertical and reported as being 35 feet deep. Sixty feet north of no.1 shaft is a pit which exposes the vein. North of this point the rock is covered by a swamp. The greisen strikes 178° magnetic between the no.1 and no.2 shaft and 171° from no.2 shaft to the mill stream.

The elephant vein is on the south side of the mill stream. No. 3 shaft, vertical and reported as 25 feet deep, is near the edge of the stream. From here the vein is open cut for 40 feet. One hundred and eighty feet along the strike 160° magnetic, the vein is exposed in a small pit.

The Turner vein is 410 feet west of the bridge. Three feet of greisen and quartz veins striking 166° magnetic are exposed in a 65 foot trench. Sixty feet south of this trench is an 80 foot trench which does not expose the vein, evidently displaced to the west by the mill stream.

The Elvan vein is ten feet wide and is exposed in three places, on both banks of the mill stream and at a pit 240 feet north of the bridge.

COMMENTS

These data are a summary of G. O'Reilly's (1982) report on mineral occurrences of the New Ross-Mahone Bay area.

BIBLIOGRAPHY

Cameron, J. R., 1950: The New Ross area; Nova Scotia Department of Mines, Annual Report on Mines, 1949, p. 119-127

Charest, M. H., 1976: Petrology, Geochemistry and mineralization of the New Ross area, Lunenburg County, Nova Scotia; Unpublished M.Sc. Thesis, Dalhousie University, Halifax, Nova Scotia

Douglas, G. V. and Campbell, C. O., 1942b: New Ross area; Nova Scotia Department of Mines, Annual Report on Mines, 1941, p. 101-112

Ellsworth, H. V., 1950: Uranium, New Ross; Nova Scotia Department of Mines, Assessment Report 21A/16B 54-L-19 (00)

Faribault, E. R., 1908: Lunenburg County, Nova Scotia; Geological Survey of Canada, Summary Report, 1907, p. 78-83

Faribault, E. R., 1910: Gold-bearing series of the LaHave Basin, Lunenburg County; Geological Survey of Canada, Summary Report 1910, p. 253

Faribault, E. R., 1911: Gold-bearing series of Medway River; Geological Survey of Canada, Publication No. 1981

McCartney, G.C., 1957: A report on the tin prospecting reservation of Val Jon Exploration Ltd.; Nova Scotia Department of Mines, Assessment Report 21A/16B 51-L-19 (02)

O'Reilly, G. Farley, E. J. and Charest, M. H., 1982: Metasomatic-Hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2

Robinson, C. W., 1914: An investigation of radioactive minerals in eastern Canada; Geological Survey of Canada, Summary Report, p. 109.

Wallace, J.D., Bingley, J.M. and Shea, F.S., 1963: Geological and geochemical investigation of tin-bearing areas of New Ross, Lunenburg County; Nova Scotia Department of Mines, Open File Report 048

Wright, W. J., 1912: The geology of the neighbourhood of New Ross, Lunenburg County; Geological Survey of Canada, Summary Report 1912, p. 388-389

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by: G. O'Reilly, 1982

Updated by: Steven Hughes, August 1995

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-036
OCCURENCE NAME:	Harris Lake Diatomite Occurrence
COMMODITIES:	Diatomite
MINERALS:	No Data
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	35	K	384172	4960445	20

LOCATION DIRECTIONS

The location of this occurrence was not mentioned, but is believed to occur in the meadows along the West Branch Gold River just north of Harris Lake.

GEOLOGICAL DESCRIPTION

No Data

PREVIOUS WORK

No Data

SITE DESCRIPTION

No Data

COMMENTS

This is a summary of:
Anderson, A. R., 1990: Diatomaceous Earth Occurrences in Nova Scotia; Nova Scotia Department of Mines and Energy, Economic Geology Series Report 90-1, p. 105.

BIBLIOGRAPHY

Anderson, A.R., 1990: Diatomaceous Earth Occurrence in Nova Scotia; Nova Scotia Department of Mines and Energy, Economic Geology Series 90-1.

Faribault, E. R. and Wright, W. J., 1931: New Ross; Geological Survey of Canada, Old Series Geological Map 2259, Map 86, Scale 1:63 360.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Compiled by: Kim MacLeod, February 1996

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-033
OCCURENCE NAME:	New Russell Mo Prospect (Walker Moly)
COMMODITIES:	F, Mo, Cu, Sn, W
MINERALS:	bornite, cassiterite, chalcopyrite, malachite, molybdenite, pyrite, pyrrhotite, wolframite, fluorite
STATUS:	Prospect
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	17	M	388082	4958705	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Pluton	Devono-Carboniferous	PEGMATITE
New Ross-Vaughan Complex	Devonian	LEUCOGRANITE

LOCATION DIRECTIONS

The prospect is situated on the south side of the gravel road, four miles northeast of Highway 12 at New Ross.

MODE OF OCCURRENCE

greisen
Pegmatite
veinlets

SURVEYS

bulk sample
diamond drilling
shaft

GEOLOGICAL DESCRIPTION

MINERAL OCCURRENCE DATABASE

The only outcrop occurring here is found in the immediate vicinity of the shaft and is composed of a coarse-grained quartz monzonite. The aplite specimens obtained from the dump are petrologically similar to that found at the Leminster-Vaughan road fluorite showing.

Fluorite was not observed in situ, only in hand specimens taken from the dumps surrounding the shaft. Rock types found in the dumps include aplite, pegmatite, quartz monzonite, vein quartz and greisen. Minerals are found to be most abundant in the greisen, except for the molybdenite which occurs most commonly in the pegmatite. The fluorite was only found in very small quantities, as isolated blebs disseminated in the greisen and as small veinlets which never attained a thickness greater than 1/16 inch.

The fluorite is deep to pale purple in colour, and is fine to medium crystalline in texture. Other minerals noted to be associated with the fluorite include chalcopyrite, bornite, malachite, pyrrhotite, wolframite, cassiterite, molybdenite and pyrite.

The minerals noted at the showing are common accessories to rock types such as greisen and pegmatite, which in this area represent late stage igneous intrusive activity of the South Mountain Batholith.

The presence of these mineralized rocks indicate that this portion of the batholith may be a focal point of the hydrothermal phase of the South Mountain Batholith. Thus, it is believed that the Walker Prospect and the surrounding area is worth more exploratory work to determine whether additional mineralized greisen and pegmatite exist.

PREVIOUS WORK

No exploratory work for fluorite has been undertaken here though investigations into the molybdenite showings date back to before the turn of the century, having first been noted by Henry How (1869, p. 61). The most serious attempt to bring this prospect to a production stage was in 1917 when a shaft was sunk and some bulk sampling undertaken. The following excerpt is taken from a report by Douglas and Capbell (1941, p. 109).

" The shaft is vertical, two compartments, and strikes 183° magnetic which is quite probably the strike of the pegmatite on which the shaft is sunk.

" Regarding the shaft Eardley-Wilmot says; ' This shaft was sunk in 1917 by the Nova Scotia Molybdenum Company At the time of closing operations in March, 1918, the shaft had reached a depth of 52 feet, at which point drifting was extended for 13 feet east and west. Ore was encountered in the east drift. About 36 feet from the top of the shaft ore was again struck, dipping in a northwest direction, and a 38 foot crosscut driven in a northerly direction near the top of the shaft encountered this ore-body. According to Mr. Burchill, the thickness of the lower ore-body is 9 feet, and of the upper one 6 feet!."

A surface plan of the prospect done by Cameron, (1949, p. 122) also shows the locations and directions of 17 diamond-drill holes, but core logs for these holes could not be located.

SITE DESCRIPTION

No Data

COMMENTS

This is a Summary of:

Felderhof, G.W., 1978: Barite, Celestite and Fluorite in Nova Scotia, Nova Scotia Department of Mines, Bulletin No. 4, p.354. (Occurrence #55)

ANALYTICAL INFORMATION					
Sample ID	LAB	Element	Method	Concen	Qualifier
BC-74-55	TUNS	Cu	unknown	20428.00	
BC-74-55	TUNS	F	unknown	10600.00	
BC-74-55	TUNS	Pb	unknown	32.00	
BC-74-55	TUNS	Zn	unknown	207.00	

SAMPLE			
SAMPLE ID:	BC-74-55		
SAMPLE TYPE:	Grab		
ROCK TYPE:	Greisen, chalcopyrite		
NORTHING:	4958480	EASTING:	388030
SAMPLE DESCRIPTION:			

BIBLIOGRAPHY

Cameron, J. R., 1949: The New Ross area; N. S. Dept. Mines, Annual Report, p. 119-127.

Cole, E. J., 1949: Areas of particular interest; N. S. Dept. Mines, Annual Report, p. 124, 125.

Douglas, G. V., and Campbell, C. O., 1941: New Ross area; N. S. Dept. Mines, Annual Report, p. 101-112.

Eardley-Wilmot, V. L., 1925: Molybdenum; Canada Mines Branch, Report 592, p. 58-60.

How, H., 1869: Mineralogy of Nova Scotia; Halifax.

MacKenzie, C. B., 1974: Petrology of the South Mountain batholith, western Nova Scotia; M.Sc. thesis, Dalhousie University, Halifax, N. S.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Compiled by: Kim MacLeod, November 1995

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A16-010
OCCURENCE NAME:	Walker Moly Prospect
COMMODITIES:	Mo, Cu, W, Sn, U, Bi
MINERALS:	molybdenite, chalcopyrite, bornite, wolframite, cassiterite, native bismuth, uraninite, wittichenite, gahnite, Mawsonite
STATUS:	Prospect
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/16B	17	M	388022	4958685	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Panuke Lake Leucomonzogranite	Devono-Carboniferous	Pegmatite

LOCATION DIRECTIONS

The Walker Moly Prospect is found 140 m south of the Vaughan-New Ross Road at the community of New Russell, Lunenburg County. New Russell is 6.4 km east of New Ross, a village on Highway 12. A swampy area and brook separates the prospect from the road, so best access is to the workings is by following a woods road along the south border of the swamp (O'Reilly et al., 1982). The woods road leads west from a secondary road that goes from the Vaughan-New Ross Road toward Round Lake. The entrance to the woods road is 100 m south of the paved Vaughan-New Ross Road. Follow the woods road west for 240 m to its terminus at the prospect.

MODE OF OCCURRENCE

greisen

Pegmatite

SURVEYS

bulk sample

diamond drilling

geological mapping

shaft

GEOLOGICAL DESCRIPTION

DESCRIPTION OF THE HOST ROCK

Outcrops exposed in the area surrounding the prospect and dump specimens indicate the mineralization consists of a composite intrusion of pegmatite, greisen and aplite intruding a coarse grained, megacrystic, biotite-muscovite monzogranite. On the basis of diamond-drilling, Cameron (1951) suggested that the pegmatite is a "U" shaped pipe assuming a recumbent anticlinal form, the apex of which plunges to the northeast. Greisen selvages are distributed sporadically along margins of the pegmatite dyke.

DESCRIPTION OF THE MINERALIZATION

Minerals identified in the greisen selvages of the prgmatite include wolframite, gahnite, cassiterite, uraninite, bornite, mawsonite, tennanite, wittichenite, molybdenite, chalcopyrite and native bismuth. Where the aplite and pegmatite are greisenized there are knots of mica and sulphides along veins or in patches in the rock. Pegmatite samples contain medium grained

MINERAL OCCURRENCE DATABASE

PREVIOUS WORK

Walker (1911) first mentioned the prospect, stating "about 3 miles east of New Ross on the Windsor Road, in fields belonging to Mr. Bennett Walker, numerous boulders of milky white quartz containing molybdenum are found. Mr. Walker informs me that these have been known for at least forty years."

In 1917 a 10.5 m deep shaft was sunk that intersected a mineralized zone at the contact of a pegmatite dyke and an associated medium grained muscovite granite. At the bottom of the shaft 8 m of drifting to the north was carried out. A quarter ton bulk sample from the mineralized zone was sent to Ottawa, which assayed 1.66% MoS₂. Two other ore shipments were sent between 1917-1918 and these assayed 1.03% and 0.49% MoS₂, recovering 55 lbs of molybdenite.

No further work was carried out in the area until 1949 when the Department of Mines opened the prospect in order to carry out extensive exploration and diamond-drilling. The shaft was de-watered and sunk an additional 4 m at which level drifts were started east and west for 3.3m and 3.6m respectively. Cameron (1951) and Slipp (1951) both reported the Walker Prospect to be uneconomical.

SITE DESCRIPTION

A shaft at the site is water filled and a cement cap has been placed over it for safety reasons. A waste rock dump surrounds the shaft and is heavily overgrown.

COMMENTS

The location for this prospect indicated on NSDNR Map 88-15 (Corey, 1988) is wrong. The correct coordinates are provided in this occurrence entry.

This prospect is an excellent mineral collecting location. Time spent rummaging through the waste rock dump will yield excellent specimens of molybdenite and bornite. The more exotic minerals reported from the prospect are less common and occur disseminated in the greisen selvages.

BIBLIOGRAPHY

Cameron, J. R. 1951: Molybdenite at New Russell; Nova Scotia Department of Mines, Annual Report of Mines, 1950, p. 101-107.

Charest, M. H. 1976: Petrology, geochemistry and mineralization of the New Ross area, Lunenburg County, Nova Scotia; Unpublished M.Sc. Thesis, Dalhousie University, Halifax, Nova Scotia.

Cooke, C. W. 1925: The molybdenite deposits near New Ross, Nova Scotia; Economic Geology, v. 20, p. 185-188.

Eardley-Wilmont, V. L. 1925: Molybdenum; Canada Mines Branch, Report 592, p. 58-60.

Farley, E. J. 1978: Mineralization of the Turner and Walker deposits of the South Mountain Batholith; Unpublished M.Sc. Thesis, Dalhousie University, Halifax, Nova Scotia.

O'Reilly, G. A., Farley, E. J. and Charest, M. H. 1982: Metasomatic-hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2.

Slipp, R. M. 1951: Molybdenite of New Russell; Nova Scotia Department of Mines, Annual Report on Mines 1950, p. 107-113.

Volkes, F. M. 1963: Molybdenum deposits of Canada; Geological Survey of Canada, Economic Geology Report, No. 20, p. 331.

Walker, T. L. 1911: Report of the molybdenum ores of Canada; Canada Department of Mines, Mines Branch, No. 93.

POSSIBLE RESTRICTIONS

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A09-030
OCCURENCE NAME:	Leville Cu, W Occurrence
COMMODITIES:	Cu, W
MINERALS:	chalcocite, wolframite, malachite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/09C	104	O	388524	4956005	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Burnt Blanket Hill Leucognt.	Devono-Carboniferous	Leucogranite
South Mountain Batholith	Devono-Carboniferous	Leucogranite
New Ross Pluton	Devono-Carboniferous	Leucogranite

LOCATION DIRECTIONS

A roadside outcrop of leucogranite with pegmatite segregations containing chalcocite and wolframite is found at this location. Drive east on the New Ross-Vaughan Road from the village of New Ross, Lunenburg County for about 2 km to where a road leads east to the community of Leville. Turn right (east) and drive approximately 3.5 km to where the pavement ends and the road splits into 2 woods roads. An outcrop of leucogranite is found along the north side of the road approximately 100 m before the pavement ends. The most prominent part of the outcrop has a fresh edge due to recent blasting (1998). Although not obvious from the road, the area along the roadside in the area of this broken outcrop has intermittent outcrop exposure both in the woods and in the roadside grass.

Corey (1990) reports chalcocite and wolframite occur in pegmatitic segregations in these leucogranite outcrops.

MODE OF OCCURRENCE

disseminated

Pegmatite segregations

SURVEYS

geological mapping

GEOLOGICAL DESCRIPTION

Corey (1990) mapped this area as underlain by cream colored, fine grained leucogranite belonging to the Devono-Carboniferous Burnt Blanket Hill Leucogranite. This leucogranite intrusion intrudes the medium- to coarse-grained New Ross Leucomonzogranite, the most abundant phase of the Devono-Carboniferous New Ross Pluton. The leucogranite generally has little or no biotite and displays some degree of hematite and saussurite alteration.

In the area of this mineral occurrence, Corey (1990) reports the leucogranite to be more porphyritic than the remainder of the pluton and there are abundant pegmatitic segregations. The mineralization consists of disseminated chalcocite and wolframite within these pegmatite segregations.

PREVIOUS WORK

The mineral occurrence was discovered by M. C. Corey of the Department of Mines and Energy during geological mapping of the granites of this area (Corey, 1990). There has been no subsequent exploration of the site.

SITE DESCRIPTION

The most prominent roadside outcrop has been blasted during road building. In addition, there are numerous outcrops of leucogranite as glacial pavement in the woods and in the grassy area between the road and the woods. In the 1998 field check a few disseminations of chalcocite and malachite staining could be seen on the roadside blasted outcrop. A few small black flecks in the leucogranite may have been wolframite but the presence of this mineral was not confirmed. In addition, the amount of pegmatitic segregation material appears to be much less than Corey (1990) reported.

COMMENTS

No Data

BIBLIOGRAPHY

Corey, M. C. 1990: Geological map of Chester; Nova Scotia Department of Mines and Energy, Map 90-9, scale 1:50 000.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by M. C. Corey, 1986; G. A. O'Reilly, May 1998.

Compiled by S. G. Hughes, October 1995.

Updated by: G. A. O'Reilly, May 1996; May 1999.

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A09-029
OCCURENCE NAME:	Mill Brook Pegmatite
COMMODITIES:	Li
MINERALS:	lepidolite, fluorite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/09C	106	K	385712	4955615	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Leucomonzogranite	Devono-Carboniferous	Pegmatite

LOCATION DIRECTIONS

The Mill Brook pegmatite is situated high on the west bank of Mill Brook, approximately 150 m downstream from the bridge that crosses the brook on the road going to Leville from the New Ross-Vaughan Road (O'Reilly et al., 1982).

MODE OF OCCURRENCE

Pegmatite

SURVEYS

geological mapping

GEOLOGICAL DESCRIPTION

The Mill Brook Pegmatite consists of an irregular pegmatite dyke of approximate northeast orientation. The pegmatite intrudes a cream colored, megacrystic biotite-muscovite leucomonzogranite (New Ross Leucomonzogranite). The dyke appears to pinch out rapidly and is best described as a lense-shaped body consisting of quartz, orthoclase and muscovite. A rough zonation pattern can be seen, exhibiting a quartz core and outer feldspar-muscovite zone (O'Reilly, et al., 1982).

No mineralization was seen during the 1979 field visit by O'Reilly other than a sparse amount of fluorite and a few flakes of lepidolite (O'Reilly et al., 1982).

PREVIOUS WORK

Cameron (1950) reported considerable lithium muscovite in the pegmatite at this location.

SITE DESCRIPTION

No Data

COMMENTS

These data are a summary of a report by O'Reilly et al. (1982), a report on mineral occurrences of the New Ross-Mahone Bay area. Faribault mapped this pegmatite as a northern extension of the nearby Morleys Pegmatite, found on the eastern side of Mill Brook (500 m downstream). No field evidence was found to support this assumption (O'Reilly et al., 1982).

BIBLIOGRAPHY

Cameron, J. R. 1950: The New Ross area; Nova Scotia Department of Mines, Annual Report on Mines, 1949, p. 119-127.

Faribault, E. R. 1931: New Ross Sheet; Geological Survey of Canada, Map #86, Publication #2259.

O'Reilly, G. A., Farley, E. J. and Charest, M. H. 1982: Metasomatic-Hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2, 96 p.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by G. A. O'Reilly, 1979.

Updated by S. G. Hughes, October 1995; G. A. O'Reilly, May 1996.

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A09-014
OCCURENCE NAME:	Morleys Pegmatite
COMMODITIES:	W, Sn, Jasper, F
MINERALS:	scheelite, wolframite, Jasper, beryl, columbite, cassiterite, fluorite, lepidolite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/09C	106	B	385502	4955035	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Leucomonzogranite	Devono-Carboniferous	Leucogranite
New Ross Leucomonzogranite	Devono-Carboniferous	Megacrystic monzogranite

LOCATION DIRECTIONS

Proceed east along the New Russell Road from the main intersection in the village of New Ross, Lunenburg County. Bear left at a sharp intersection found immediately after crossing the Gold River and continue north for about half a kilometer to the bridge over Mill Brook. Mill Brook is a tributary of the Gold River. A woods road leads east from the bridge and follows the south shoreline of the brook. Follow this road for 375 m and from that point leave the woods road and proceed north for 35 m to Morleys Pegmatite (O'Reilly et al., 1982). The pegmatite is found in a thick grove of softwood trees and consists of some moss covered outcrops into which have been blasted some trenches.

Faribault (1931) indicates the pegmatite extends for 1.6 km and the location provided above is but one location exposed along this trend. O'Reilly et al. (1982) re-mapped the area and found that much of what Faribault mapped as pegmatite is actually a zone of brecciation and hematite alteration and is not directly related to the pegmatite intrusion located above. A jasper breccia dyke intrudes the southern end of this zone of brecciation and O'Reilly et al. (1982) describe the area as the Morleys Pegmatite and Jasper Breccia. The jasper breccia is most easily located by walking south along the New Russell Road from the bridge over Mill Brook to the second driveway on the east side of the road. The driveway leads to a house with a man-made pond behind it and the jasper breccia outcrops along a low scarp about 20 m northeast of the pond. O'Reilly et al. (1982) describe several other locations in this immediate area that are related to the pegmatite and jasper breccia.

ALTERATION

chlorite

hematite

MODE OF OCCURRENCE

breccia

Pegmatite

SURVEYS

diamond drilling

Pit

trenching

MINERAL OCCURRENCE DATABASE

GEOLOGICAL DESCRIPTION

DESCRIPTION OF THE HOST ROCKS

The area is underlain predominantly by a grey-white, megacrystic, biotite muscovite leucomonzogranite. O'Reilly et al. (1982) describe this phase as porphyritic muscovite-biotite monzogranite but Corey (1991) re-define this phase as being a leucomonzogranite composition. Intrusive into the leucomonzogranite are a series of dykes and pods of an aplitic, pink, muscovite leucogranite. Several pegmatite bodies are also exposed but these were observed to grade into the muscovite leucogranite indicating the two are contemporaneous and genetically associated.

A north-striking, east-dipping, brick red jasper breccia dyke intrudes the leucomonzogranite but is believed to not be directly related to the pegmatites. The dyke consists of a fine grained matrix of quartz and hematite containing rounded and angular fragments of milky quartz, leucogranite and leucomonzogranite (O'Reilly et al., 1982). The brecciated zone in which the jasper dyke occurs extends for a total of some 250 m north and south of the jasper.

DESCRIPTION OF MORLEYS PEGMATITE

The pegmatite is roughly zoned but is irregular in shape. An outer zone consists of large, blocky, pink perthitic orthoclase, quartz and muscovite. This outer zone grades into a core of graphic granite and massive quartz. Thin lenses of muscovite greisen occur dispersed throughout the pegmatite. Scheelite, cassiterite, beryl, columbite and lepidolite were reported to occur within the pegmatite (Campbell, 1940) but fluorite was the only mineral observed of economic significance by O'Reilly et al., (1982).

DESCRIPTION OF THE JASPER BRECCIA

The jasper breccia consists of a 30-40 m long by 5-10 m wide dyke of very hard, brick-red jasper. The jasper has intruded a zone of brecciation and attendant hematite alteration. O'Reilly et al. (1982) concluded that the hematite alteration and jasper are associated but these are not directly associated with the pegmatites found throughout this area.

The north and south ends of the jasper dyke have been trenched by blasting and thus excellent exposure can be found. The northern of these two trenches shows the jasper in contact with the brecciated megacrystic leucomonzogranite host. Stringers of fluorite and minor disseminations of pyrite and chalcopyrite occur in the leucomonzogranite and in a leucogranite dyke that is also exposed in the trench.

Two samples of the jasper breccia were analyzed by A. K. Chatterjee of the Nova Scotia Department of Mines and Energy. One sample yielded 0.1% W and microprobe analyses of the sample indicated the presence of fine grains of wolframite. The complete chemical analyses of the two samples are provided in O'Reilly et al. (1982).

PREVIOUS WORK

In 1931, Faribault mapped the area containing these occurrences and described them as one north-northeast-trending pegmatite dyke 1.6 km long. He reported the pegmatite contains scheelite, cassiterite, beryl, columbite, lepidolite and an unidentified radioactive mineral.

Campbell (1940) mapped the occurrence and was first to recognize the presence of the jasper breccia dyke. He concluded the jasper is gradational with, and parallel to the pegmatite.

The Nova Scotia Department of Mines put down several short diamond-drillholes on the Jasper Breccia some time in the early 1960's as part of the New Ross Project. There is no record of the drill locations nor are there logs on file but the core is on file at the Department of Natural Resources Core Library facility in Stellarton.

SITE DESCRIPTION

MINERAL OCCURRENCE DATABASE

The Morleys Pegmatite consists of a series of moss covered outcrops of megacrystic leucomonzogranite into which is intruded a 15 m long irregular pegmatite dyke and associated medium grained leucogranite (O'Reilly et al., 1982). The pegmatite has been explored by the blasting of an L-shaped trench. The trenches still have dumps adjacent to them but they are, for the most part, quite overgrown.

The Jasper Breccia consists of a north-trending dyke of brick red jasper that forms a low scarp (1-2 m high) at least 30 m long. Trenches have been blasted into the north and south end of the dyke and much rubble can be found from this exploration effort. The Nova Scotia Department of Mines carried out a diamond-drill project on the dyke consisting of a few short drillholes. Although core from this effort can be found at the Departments Core Library facility in Stellarton, there is no record of the collar locations nor are there drill logs on file.

COMMENTS

These data are a summary of a report on mineral occurrences of the New Ross-Mahone Bay area by O'Reilly et al. (1982). Faribault (1931) included Morleys Pegmatite, Mill Brook Pegmatite and the Jasper Breccia as one continuous pegmatite dyke 1.6 km long, but O'Reilly et al. (1982) determined the Morleys and Mill Brook Pegmatites (Occurrence # A09-29) are separate intrusions and the Jasper Breccia is not directly related to the pegmatites.

MINERAL OCCURRENCE DATABASE

ANALYTICAL INFORMATION					
Sample ID	LAB	Element	Method	Concen	Qualifier
LL-37	TUNS	Al2O3	AA	1.39	
LL-37	TUNS	B	unknown	49.00	
LL-37	TUNS	Ba	unknown	10.00	
LL-37	TUNS	Be	unknown	3.20	
LL-37	TUNS	Bi	unknown	9.00	
LL-37	TUNS	CaO	AA	0.33	
LL-37	TUNS	Co	unknown	1.00	<
LL-37	TUNS	CO2	unknown	0.07	
LL-37	TUNS	Cu	unknown	51.00	
LL-37	TUNS	F	unknown	880.00	
LL-37	TUNS	Fe2O3	unknown	0.78	
LL-37	TUNS	FeO	unknown	0.59	
LL-37	TUNS	H2O+	unknown	0.54	
LL-37	TUNS	K2O	AA	0.35	
LL-37	TUNS	Li	unknown	132.00	
LL-37	TUNS	MgO	unknown	0.02	
LL-37	TUNS	MnO	unknown	0.01	
LL-37	TUNS	Mo	unknown	35.00	
LL-37	TUNS	Na2O	AA	0.36	
LL-37	TUNS	Ni	unknown	10.00	
LL-37	TUNS	P2O5	unknown	0.02	
LL-37	TUNS	Pb	unknown	2.00	<
LL-37	TUNS	Rb	unknown	33.00	
LL-37	TUNS	Sb	unknown	3.00	<
LL-37	TUNS	SiO2	AA	94.09	
LL-37	TUNS	Sn	unknown	8.00	
LL-37	TUNS	Sr	unknown	9.00	
LL-37	TUNS	TiO2	AA	0.02	
LL-37	TUNS	U	INAA	3.60	
LL-37	TUNS	W	unknown	1000.00	
LL-37	TUNS	Zn	unknown	150.00	
LL-38	TUNS	Al2O3	unknown	1.04	
LL-38	TUNS	B	unknown	50.00	
LL-38	TUNS	Ba	unknown	26.00	
LL-38	TUNS	Be	unknown	2.40	
LL-38	TUNS	Bi	unknown	8.00	
LL-38	TUNS	CaO	AA	0.26	
LL-38	TUNS	Co	unknown	1.00	<
LL-38	TUNS	Cu	unknown	34.00	
LL-38	TUNS	F	unknown	770.00	
LL-38	TUNS	Fe2O3	unknown	1.04	
LL-38	TUNS	FeO	unknown	0.36	
LL-38	TUNS	H2O+	unknown	0.51	
LL-38	TUNS	K2O	AA	0.30	

MINERAL OCCURRENCE DATABASE

ANALYTICAL INFORMATION					
Sample ID	LAB	Element	Method	Concen	Qualifier
LL-38	TUNS	Li	unknown	121.00	
LL-38	TUNS	MgO	unknown	0.03	
LL-38	TUNS	MnO	unknown	0.01	
LL-38	TUNS	Mo	unknown	4.00	
LL-38	TUNS	Na2O	AA	0.30	
LL-38	TUNS	Ni	unknown	16.00	
LL-38	TUNS	P2O5	unknown	0.12	
LL-38	TUNS	Pb	unknown	2.00	
LL-38	TUNS	Rb	unknown	29.00	
LL-38	TUNS	Sb	unknown	3.00	<
LL-38	TUNS	SiO2	AA	95.88	
LL-38	TUNS	Sn	unknown	6.00	
LL-38	TUNS	Sr	unknown	7.00	
LL-38	TUNS	TiO2	unknown	0.02	
LL-38	TUNS	U	INAA	2.90	
LL-38	TUNS	W	unknown	20.00	
LL-38	TUNS	Zn	unknown	22.00	

SAMPLE

SAMPLE ID:	LL-37				
SAMPLE TYPE:	Grab				
ROCK TYPE:	Jasper Breccia				
NORTHING:	4954810	EASTING:	385450		
SAMPLE DESCRIPTION:					
Sample LL-37: Collected by A. K. Chatterjee of the Department of Natural Resources (formerly Mines and Energy) with analytical results reported in O'Reilly et al. (1982). Brick-red jasper with angular fragments of quartz, leucomonzogranite and leucogranite.					

SAMPLE TYPE:	Grab				
ROCK TYPE:	Jasper Breccia				
NORTHING:	4954810	EASTING:	385450		
SAMPLE DESCRIPTION:					
SAMPLE LL-38: Collected by A. K. Chatterjee of the Department of Natural Resources, formerly Department of Mines and Energy and reported in O'Reilly et al. (1982). Sample consists of very fine grained, brick-red jasper with fragments of milky quartz and lesser amounts of leucomonzogranite and leucogranite.					

BIBLIOGRAPHY

Campbell, C. O. 1940: New Ross Pegmatite; Nova Scotia Department of Mines, Assessment Report 21A/16B 51-L-19(00).

Charest, M. H. 1976: Petrology, geochemistry and mineralization of the New Ross area, Lunenburg County, Nova Scotia; Unpublished M.Sc. Thesis, Dalhousie University, Halifax, Nova Scotia.

Ellsworth, H. V. 1932: Rare elements of Canada; Geological Survey of Canada, Economic Geology Series, No. 11.

Faribault, E. R. 1908: Lunenburg County, Nova Scotia; Geological Survey of Canada, Summary Report, 1907, p. 78-83.

O'Reilly, G. A., Farley, E. J. and Charest, M. H. 1982: Metasomatic-hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2, 96 p.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by O'Reilly et al. (1982).

Updated by S. G. Hughes, August 1995; G. A. O'Reilly, May 1996.

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A09-011
OCCURENCE NAME:	Lake Darling Mo Occurrence
COMMODITIES:	Mo, Bi
MINERALS:	molybdenite, bismuthinite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/09C	83	P	384052	4953065	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Leucomonzogranite	Devono-Carboniferous	Leucomonzogranite

LOCATION DIRECTIONS

The Lake Darling Mo occurrence is located west of the Glengary Road at New Ross, Lunenburg County. Faribault (1924) indicates the occurrence on his geology map where he shows it a short distance west of a small stream flowing into the western end of Lake Darling. O'Reilly et al. (1982) failed to locate the occurrence after several attempts.

GEOLOGICAL DESCRIPTION

DESCRIPTION OF THE OCCURRENCE

Faribault (1907) reported bismuthinite and molybdenum in a quartz-aplite dyke, one mile south of the main New Ross intersection. The area this corresponds with is underlain by a small drumlin and no outcrop exposures of any type were noted by O'Reilly et al. (1982). This places some question as to whether the occurrence is properly located in Faribault's 1907 report.

PREVIOUS WORK

No Data

SITE DESCRIPTION

No Data

COMMENTS

This occurrence was not located during a 1982 field investigation of metasomatic-hydrothermal mineral deposits of the New Ross area (O'Reilly et al., 1982).

BIBLIOGRAPHY

Faribault, E. R. 1907: Geological Survey of Canada, Annual Report, v. XVI, pt. A.

O'Reilly, G. A., Farley, E. J. and Charest, M. H. 1982: Metasomatic-hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2, 96 p.

POSSIBLE RESTRICTIONS

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A09-001
OCCURENCE NAME:	Lake Darling Cu
COMMODITIES:	Cu, Be, Au
MINERALS:	chalcopyrite, beryl, pyrite
STATUS:	Occurrence
COUNTY:	Lunenburg

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/09C	83	K	383792	4952725	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
New Ross Leucomonzogranite	Devono- Carboniferous	Pegmatite and Greisen

LOCATION DIRECTIONS

The Lake Darling Cu Occurrence is located in a wooded area to the north of Meister Road. To get to the Meister Road, proceed west along the Glengary Road from the village of New Ross. The Glengary Road is intersected by the Meister Road immediately west of Lake Darling and about 600 m from Highway 12. Proceed west along Meister Road for a kilometre to near the top of a long grade. The occurrence is found a few hundred metres north of this point in the road, across a cleared area and a fence to a wooded area northeast of Carl Meister's farm (O'Reilly et al., 1982). This occurrence is very difficult to locate as it is quite overgrown and small in size.

ALTERATION

greisen

MODE OF OCCURRENCE

greisen

Pegmatite

SURVEYS

Pit

GEOLOGICAL DESCRIPTION

HOST ROCK DESCRIPTION

A small outcrop which forms the edge of the small pit that comprises the occurrence contains a north-trending quartz-pegmatite dyke. Samples from a small dump around the pit indicate the dyke varies from 10-20 cm in width, and intrudes a coarse grained megacrystic biotite-muscovite leucomonzogranite. A thin greisen selvage occurs at the contact of the dyke with the New Ross Leucomonzogranite wallrock.

DESCRIPTION OF THE MINERALIZATION

Disseminations and small blebs of chalcopyrite occur throughout the muscovite-quartz greisen selvage to the pegmatite dyke (O'Reilly et al., 1982). Beryl was observed in some of the greisen samples. Faribault (1924) reported Au occurs with the chalcopyrite but this has never been confirmed. O'Reilly (unpublished data) found that analyses of samples collected from the dump are not anomalous in Au.

PREVIOUS WORK

No Data

SITE DESCRIPTION

The occurrence is quite small and has since become quite overgrown. It essentially consists of one small pit less than a metre in depth.

COMMENTS

These data are a summary of a description of the occurrence provided in O'Reilly et al. (1982), a report on mineral occurrences in the New Ross-Mahone Bay area. Faribault (1924) reported Au occurs with the chalcopyrite, but assays by O'Reilly (unpublished data) revealed no anomalous values from samples collected from the dumps.

BIBLIOGRAPHY

Faribault, E. R. 1924: Chester Basin map sheet; Geological Survey of Canada, Map 87, Publication No. 1981, Scale 1 inch to 1 mile.

O'Reilly, G. A., Farley, E. J. and Charest, M. H. 1982: Metasomatic-hydrothermal mineral deposits of the New Ross-Mahone Bay area, Nova Scotia; Nova Scotia Department of Mines and Energy, Paper 82-2, 96 p.

POSSIBLE RESTRICTIONS

No Data

UPDATED

Field checked by: G. A. O'Reilly, 1982.

Updated by S. G. Hughes, August 1995; G. A. O'Reilly, December 1995.

APPENDIX F
NSE GROUNDWATER OBSERVATION WELL
NETWORK – LEWIS LAKE WELL

3.31 Lewis Lake (079)

Well Description

The Lewis Lake (079) observation well is located in the Jerry Lawrence Provincial Park near the community of Lewis Lake, Halifax County. The well was constructed in 1969 as a water supply for the park and was converted to an observation well in 2008 because it was no longer in use as a water supply well.

The well is completed in a granite aquifer and is 77.0 m deep with 7.6 m of casing. Well location and construction information is provided in Table 3.31 and the well log is provided in Appendix A. A 3 hour pumping test (i.e., step-test) was conducted at this well in 2008 by NSDNR (Kennedy et al., 2009). The results indicated a transmissivity of 1.53 m²/day, hydraulic conductivity of 2.7x10⁻² m/day and an estimated safe yield of 57.31 m³/day (8.8 igpm).

Table 3.31: Lewis Lake (079) Well Construction Information

Well Name	Lewis Lake (079)
Observation Well ID Number	079
NSE Well Log Number	690090
County	Halifax
Nearest Community	Lewis Lake
UTM - Easting	433048
UTM - Northing	4948873
Year Monitoring Started	2008
Casing Depth (m, bgs)	7.6
Well Depth (m, bgs)	77.0
Elevation - top of casing (m, asl)	82
Geologic Unit	Late Devonian Granite
Aquifer Material	Bedrock - granite

Notes: bgs = below ground surface; asl = above sea level

The location of the Lewis Lake (079) observation well is shown in Figure F.31a, Appendix F, and a photograph of the well is shown in Figure F.31b. The well is located in a forested area within 100 m of Lewis Lake. The nearest domestic well is approximately 1,000 m away.

Monitoring Results - Water Levels

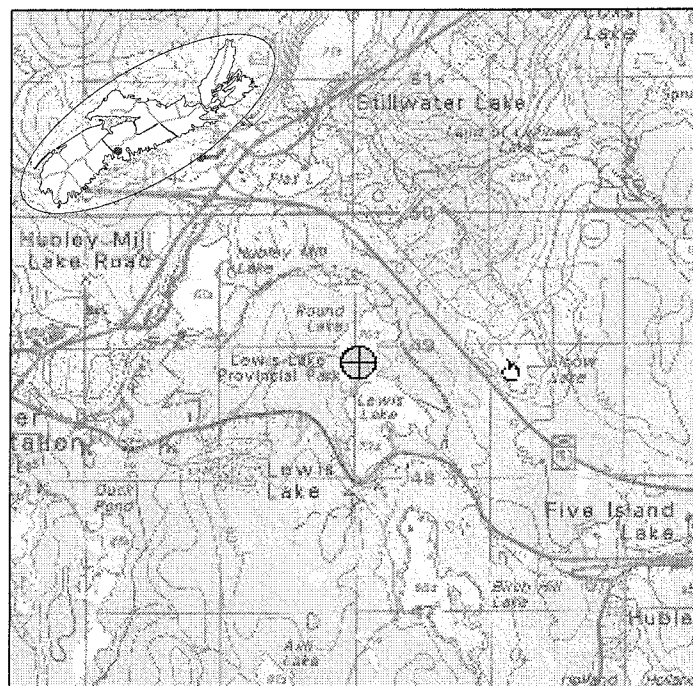
The water level graphs for Lewis Lake (079) are shown in Figure B.31, Appendix B. This well has been monitored since November 2008. In 2010, the average water level elevation was 69.34 m above sea level and the annual water level fluctuation was 0.73 m. The average depth to water in this well was approximately 2.5 m below ground surface. Trend analysis was not completed in 2010. Based on trend analysis conducted in 2009, there was insufficient water level data (i.e., <10 years of useable data) to complete a water level trend analysis for this well.

Monitoring Results - Water Chemistry and Temperature

The Lewis Lake (079) well was not sampled in 2010. Previous water chemistry results from 2008 are presented in Appendix C. The results indicate that health-based drinking water guidelines were exceeded for arsenic and fluoride, and aesthetic drinking water guidelines were exceeded for manganese. VOCs and pesticides were not detected.

A graph of the average daily temperature in this well for the period ending in January 2010 is presented in Appendix D. The average groundwater temperature at this well in 2009 was 7.39 °C, with temperature fluctuations between 6.76 °C and 8.17 °C.

Well Name	Lewis Lake
Observation Well ID Number	079
NSEL Well Number	690090
County	Halifax
Nearest Community	Lewis Lake
UTM - Easting	433048
UTM - Northing	4948873
Year Monitoring Started	2008
Casing Depth (m)	7.62
Well Depth (m)	77.00
Elevation - top of casing (m, asl)	82
Geologic Unit	Late Devonian Granite
Aquifer material	Bedrock - Granite



Water Sample Results - General Chemistry and Metals

Parameter	Units	Canadian Drinking Water Guideline	Detection Limit	Lewis Lake (079)
				31-Jul-2008
General Chemistry				
Total Alkalinity (Total as CaCO3)	mg/L	-	5	62
Chloride (Cl)	mg/L	250 AO	1	11
Colour	TCU	15 AO	5	6
Hardness (CaCO3)	mg/L	500 AO	-	21
Nitrate + Nitrite	mg/L	10	0.05	ND
Nitrite (N)	mg/L	1	0.01	ND
Nitrate (N)	mg/L	10	0.05	ND
Nitrogen (Ammonia Nitrogen)	mg/L	-	0.05	ND
Total Organic Carbon (C)	mg/L	-	0.5	0.5
Orthophosphate (P)	mg/L	-	0.01	0.03
pH	pH	6.5 - 8.5 AO	-	7.8
Reactive Silica (SiO2)	mg/L	-	0.5	20
Sulphate (SO4)	mg/L	500 AO	2	7
Turbidity	NTU	5 AO	0.1	3.6
Conductivity	uS/cm	-	-	170
Anion Sum	me/L	-	-	1.83
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	-	1	61
Calculated TDS	mg/L	-	1	124
Carb. Alkalinity (calc. as CaCO3)	mg/L	-	1	ND
Cation Sum	me/L	-	-	1.98
Ion Balance (% Difference)	%	-	-	3.94
Langelier Index (@ 20C)	N/A	-	-	-0.889
Langelier Index (@ 4C)	N/A	-	-	-1.14
Saturation pH (@ 20C)	N/A	-	-	8.69
Saturation pH (@ 4C)	N/A	-	-	8.94
Calcium (Ca)	mg/L	-	0.1	7.5
Magnesium (Mg)	mg/L	-	0.1	0.5
Phosphorus (P)	mg/L	-	0.1	ND
Potassium (K)	mg/L	-	0.1	4.4
Sodium (Na)	mg/L	200 AO	0.1	33
Bromide (Br)	mg/L	-	0.5	2.6
Fluoride (F)	mg/L	1.5	0.1	2.5
Metals				
Aluminum (Al)	ug/L	-	10	ND
Antimony (Sb)	ug/L	6	2	ND
Arsenic (As)	ug/L	10	2	18
Barium (Ba)	ug/L	1000	5	72
Beryllium (Be)	ug/L	-	2	ND
Bismuth (Bi)	ug/L	-	2	ND
Boron (B)	ug/L	5000	5	35
Cadmium (Cd)	ug/L	5	0.3	ND
Chromium (Cr)	ug/L	50	2	ND
Cobalt (Co)	ug/L	-	1	ND
Copper (Cu)	ug/L	1000 AO	2	ND
Iron (Fe)	ug/L	300 AO	50	140
Lead (Pb)	ug/L	10	0.5	0.7
Manganese (Mn)	ug/L	50 AO	2	60
Molybdenum (Mo)	ug/L	-	2	3
Mercury (Hg)	ug/L	1	0.01	ND
Nickel (Ni)	ug/L	-	2	ND
Selenium (Se)	ug/L	10	2	ND
Silver (Ag)	ug/L	-	0.5	ND
Strontium (Sr)	ug/L	-	5	100
Thallium (Tl)	ug/L	-	0.1	ND
Tin (Sn)	ug/L	-	2	ND
Titanium (Ti)	ug/L	-	2	ND
Uranium (U)	ug/L	20	0.1	0.2
Vanadium (V)	ug/L	-	2	ND
Zinc (Zn)	ug/L	5000 AO	5	ND

Notes:

AO = Aesthetic Objective.

ND = not detected

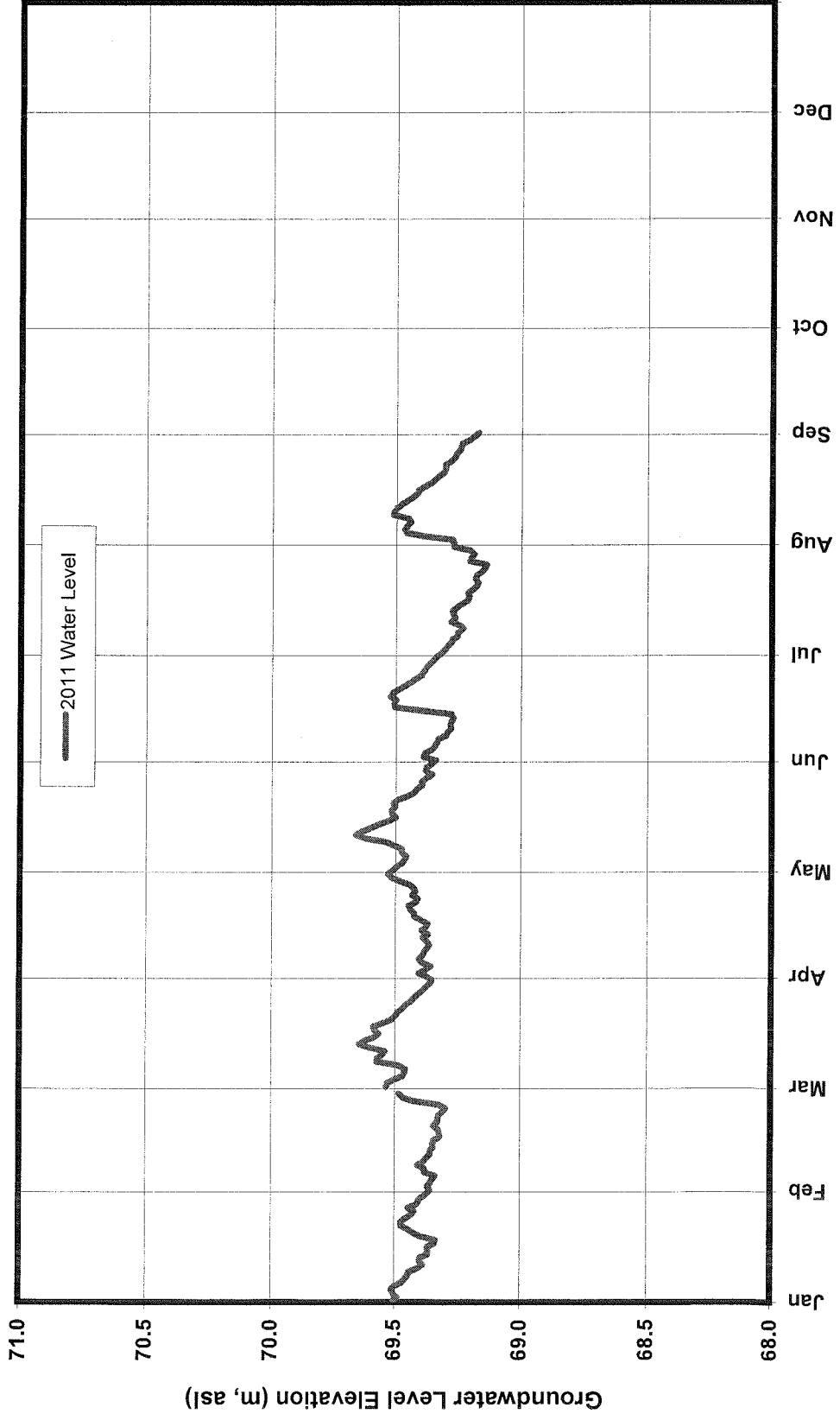
ND() = not detected at the elevated detection limit shown in brackets ()

All guidelines are health-based MACs or IMACs, unless otherwise indicated.

Shaded values exceed guidelines.

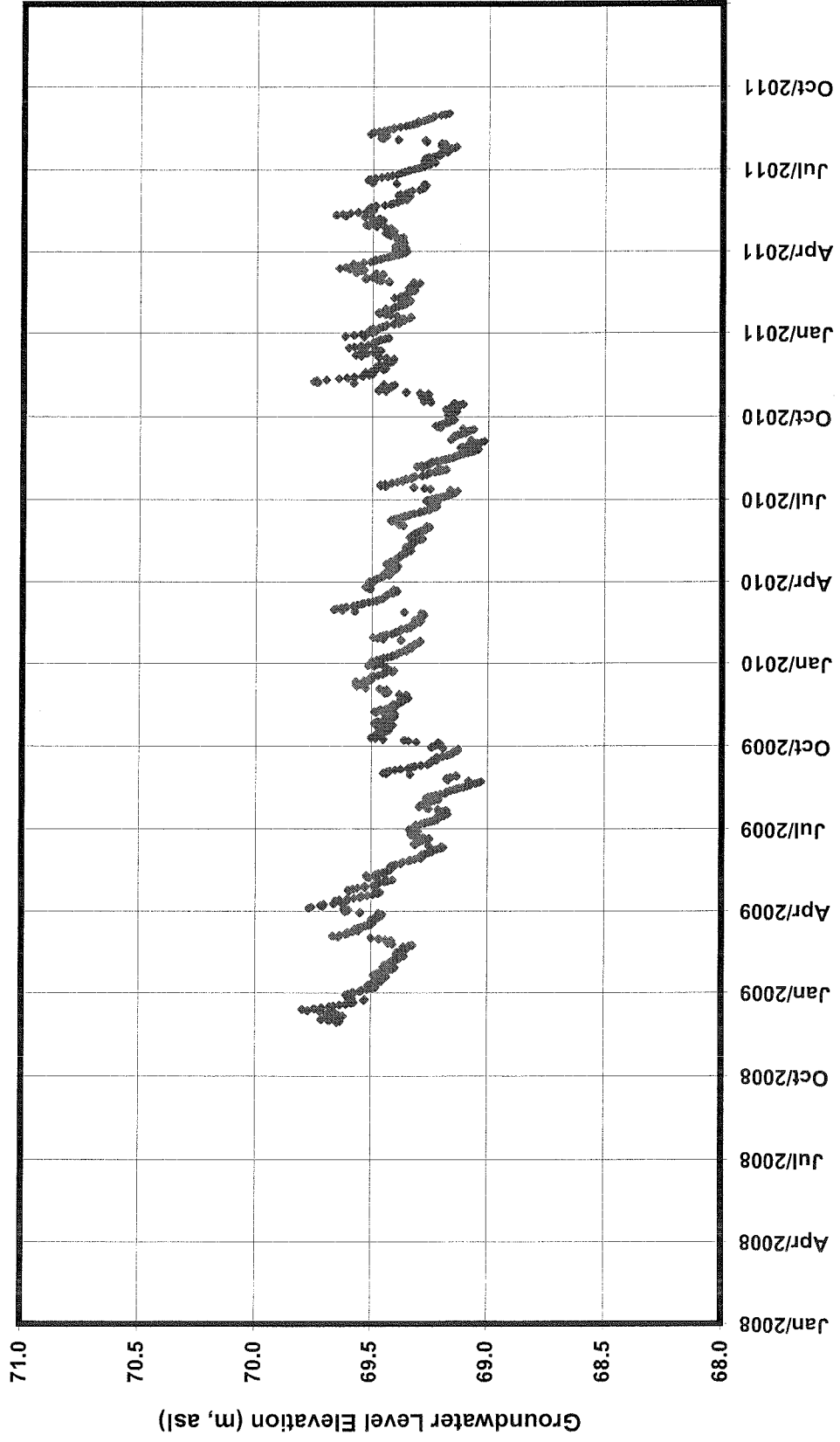
Lewis Lake (079) - 2011 Groundwater Level Elevations

(Note: All data have been verified)

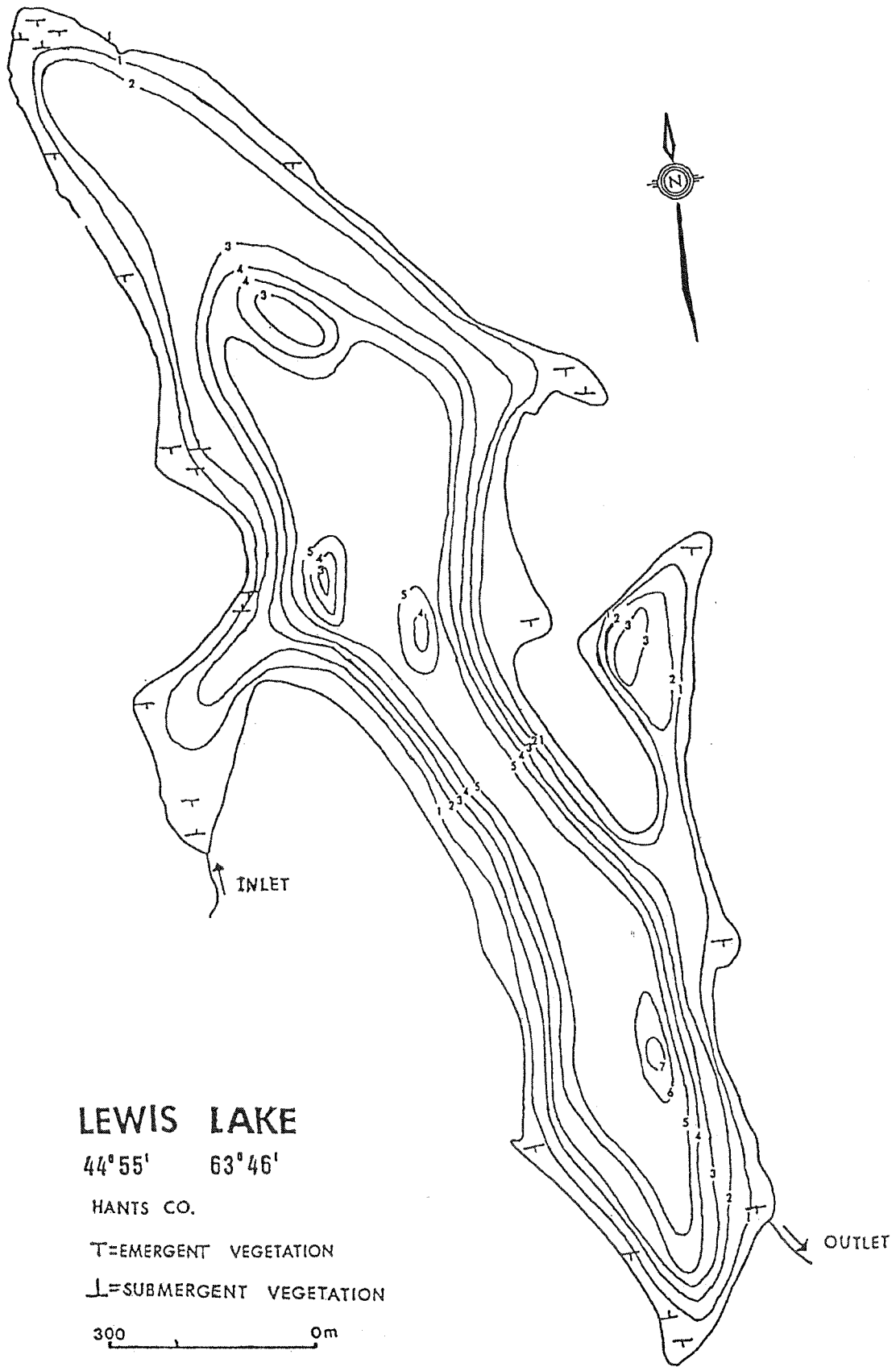


Lewis Lake (079) - Groundwater Level Elevations (2008 to present)

(Note: All data have been verified)



APPENDIX G
SUPPORTING HYDROLOGIC DATA
DEPTH CONTOURS OF SELECTED LAKES



LEWIS LAKE

44° 55' 63° 46'

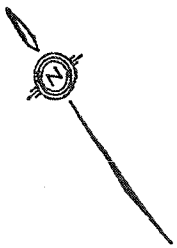
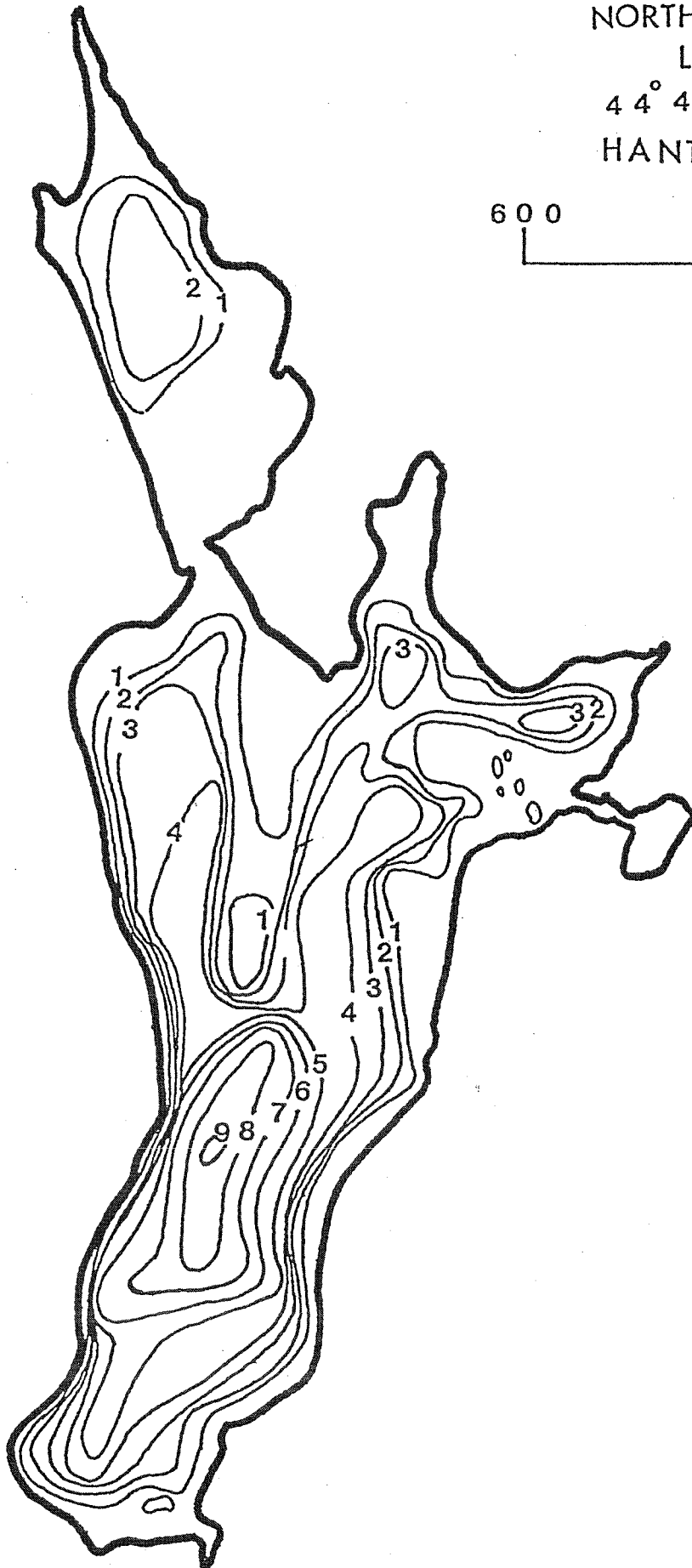
HANTS CO.

T=EMERGENT VEGETATION

L=SUBMERGENT VEGETATION

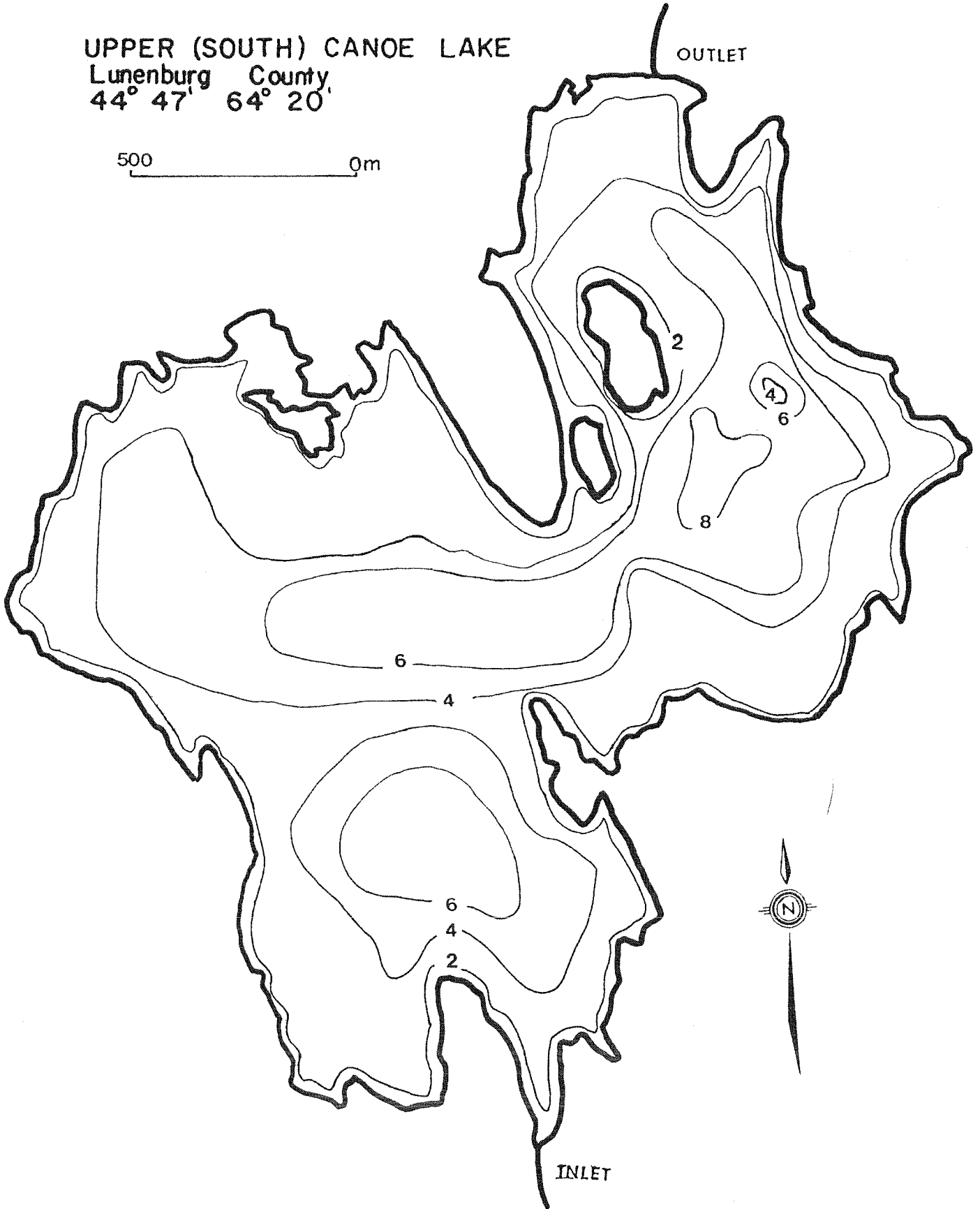
300 0m

NORTH CANOE
LAKE
44° 49' 64° 19'
HANTS CO.



UPPER (SOUTH) CANOE LAKE
Lunenburg County,
44° 47' 64° 20'

500 0m



WALLBACK LAKE
Lunenburg County
44° 49' 64° 26'

