
Appendix F
Land Use and Ecological Land
Classification Results

Table F-1 Land Use and Ecological Land Classification for All Natural Features within the Study Area

Feature ID	ELC Unit	Community Name	Unit Area (Ha)	Eco-Region	Within 120 m of Project Location? (y/n)	Notes
Woodlands						
W-001	FO	Forest	5.80	7E	N	
W-002	FO	Forest	51.39	7E	N	
W-003	FO	Forest	3.24	7E	N	
W-004	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	4.82	7E	Y	
	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	31.15			
W-005	CUP	Cultural Plantation	5.75	7E	N	
	FO	Forest	2.87			
W-006	CUW1	Mineral Cultural Woodland Ecosite	13.66	7E	Y	Re-classified as OC-007
W-007	FO	Forest	0.47	7E	N	
W-008	FO	Forest	3.67	7E	N	
W-009	CUW1	Mineral Cultural Woodland Ecosite	13.66	7E	Y	Re-classified as OC-007
W-010	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-011	FO	Forest	23.82	7E	N	
W-012 (WE-001)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	172.33	7E	Y	
W-013	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	3.17	7E	Y	

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W-014	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	5.73	6E	Y	
W-015	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-016	FO	Forest	5.65	6E	N	
W-017	FOM	Mixed Forest	5.13	6E	N	
W-018	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	8.55	6E	N	
W-019	FO	Forest	2.47	6E	N	
W-020	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	11.18	6E	Y	
W-021	FOD5-1	Dry – Fresh Sugar Maple Deciduous Forest Type	14.77	6E	Y	
W-022	FO	Forest	3.69	6E	N	
W-023 (WE-002)	CUP3	Cultural Plantation	1.13	6E	Y	
	FOM6-1	Fresh – Moist Sugar Maple – Hemlock Mixed Forest Type	3.43			
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	83.33			
W-024	FO	Forest	1.03	6E	N	
W-025	FO	Forest	26.29	6E	N	
W-026	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	17.76	6E	Y	
	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	16.30			
W-027	FO	Forest	16.36	6E	N	
W-028	FO	Forest	2.91	6E	N	

Table F-1 Land Use and Ecological Land Classification for All Natural Features within the Study Area

W-029 (WE-003)	FOD6-5	Fresh – Moist Sugar Maple – Hardwood Deciduous Forest Type	1.56	6E	Y	
	FOM6-1	Fresh – Moist Sugar Maple – Hemlock Mixed Forest Type	2.32			
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	27.89			
W-030 (WE-021)	FOD3-1	Dry – Fresh Poplar Deciduous Forest Type	19.80	6E	Y	
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	65.08			
W-031	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	8.61	6E	Y	
W-032	CUP3-2	White Pine Coniferous Plantation Type	1.94	6E	Y	
W-033	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-034	CUP3-2	White Pine Coniferous Plantation Type	1.38	6E	Y	
	FOD4	Dry – Fresh Upland Deciduous Forest Ecosite	5.52			
W-035	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	0.96	6E	Y	
W-036	FOD3-2	Dry – Fresh White Birch Deciduous Forest Type	8.74	6E	Y	
	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	29.23			
W-037 (WE-012)	FOD5-8	Dry – Fresh Sugar Maple – White Ash Deciduous Forest Type	16.56	6E	Y	

Table F-1 Land Use and Ecological Land Classification for All Natural Features within the Study Area

	FOD7-2	Fresh – Moist Green Ash - Hardwood Lowland Deciduous Forest Type	12.42			
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.37			
W-038 (WE-014)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	0.43	6E	Y	
W-039 (WE-013, WE-017)	FOD7-2	Fresh – Moist Green Ash - Hardwood Lowland Deciduous Forest Type	1.37	6E	Y	
	FOD7-2	Fresh – Moist Green Ash - Hardwood Lowland Deciduous Forest Type	3.49			
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	7.01			
	SWD4-1	Willow Mineral Deciduous Swamp	1.32			
W-040	FO	Forest	0.85	6E	N	
W-041	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	2.57	6E	Y	
W-042	CUP3-2	White Pine Coniferous Plantation Type	2.42	6E	Y	
	FO	Forest	1.69			
	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	31.71			
	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	1.86			
	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	6.30			
	FOD4-2	Dry - Fresh White Ash - Hardwood Deciduous Forest Type	5.16			

	FOD7-2	Fresh – Moist Green Ash - Hardwood Lowland Deciduous Forest Type	3.55			
W-043	FO	Forest	4.37	6E	N	
W-044	FO	Forest	5.25	6E	N	
W-045	FO	Forest	6.05	6E	N	
W-046	FO	Forest	0.91	6E	N	
W-047	FO	Forest	15.34	6E	N	
W-048	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-049	FO	Forest	1.48	6E	N	
W-050	FO	Forest	3.88	6E	N	
W-051	FO	Forest	0.52	6E	N	
W-052	FO	Forest	0.39	6E	N	
W-053	FOD3-1	Dry – Fresh Poplar Deciduous Forest Type	10.36	6E	Y	
W-054	FO	Forest	2.00	6E	N	
W-055	FO	Forest	2.29	6E	N	
W-056	FO	Forest	2.26	6E	N	
W-057	FO	Forest	7.05	6E	N	
W-059	FO	Forest	0.79	6E	N	
W-060	FO	Forest	0.42	6E	N	
W-061	FO	Forest	0.73	6E	Y	Woodland has been cleared and no longer exists.
W-062	FO	Forest	2.35	6E	N	
W-063	FO	Forest	0.77	6E	N	
W-064	FO	Forest	5.26	6E	N	
W-065	FO	Forest	8.81	6E	N	

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W-066	FO	Forest	5.23	6E	N	
W-067	FOD5-1	Dry-Fresh Sugar Maple Deciduous Forest Type	3.75	6E	Y	
W-068	FO	Forest	5.66	6E	N	
W-069	FO	Forest	3.85	6E	N	
W-070	FO	Forest	41.67	6E	N	
W-071	FO	Forest	1.74	6E	N	
W-072	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-073	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-074	FO	Forest	0.74	6E	N	
W-075 (WE-019, WE-023)	SW	Swamp	235.16	6E	N	
W-076	FO	Forest	6.45	6E	N	
W-077	FO	Forest	0.63	6E	N	
W-078	FO	Forest	1.49	6E	N	
W-079 (WE-020)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	2.20	6E	Y	
W-080	FO	Forest	1.40	6E	N	
W-081 (WE-022)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	9.30	6E	Y	
W-082 (WE-024)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.46	6E	N	
W-083	FO	Forest	1.47	6E	N	
W-084	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.

W-085	FO	Forest	4.62	6E	N	
W-086 (WE-026)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	61.11	6E	Y	
W-087	FOD6	Forest	1.69	6E	Y	
W-088 (WE-027)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	10.15	6E	Y	
W-089 (WE-028)	SW	Swamp	2.06	6E	N	
W-090	FO	Forest	0.66	6E	N	
W-091	FO	Forest	2.72	6E	N	
W-092	FO	Forest	0.40	6E	N	
W-093	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	6.54	6E	Y	
W-094 (WE-029)	SWD2-2	Green Ash Mineral Deciduous Swamp Type	9.36	6E	Y	
W-095	FO	Forest	5.58	6E	N	
W-096	FO	Forest	7.92	6E	N	
W-097	FO	Forest	3.95	6E	N	
W-098	FO	Forest	1.63	6E	N	
W-099	FO	Forest	18.48	6E	Y	
W-100	FO	Forest	6.71	6E	N	
W-101	FO	Forest	1.14	6E	N	
W-102 (WE-031, WE-033)	FO	Forest	1.23	6E	Y	
	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	0.85			
	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	1.27			
	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	1.74			
	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	0.61			

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	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	6.61			
	FOD6/C UP3		1.96			
	SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.78			
	SWD2	Ash Mineral Deciduous Swamp Ecosite	0.98			
W-103 (WE-030)	SWD	Deciduous Swamp	0.69	6E	Y	
W-104	FO	Forest	2.40	6E	Y	
W-105 (WE-025)	FO	Forest	4.20	6E	N	
	MA	Marsh	2.72			
W-106	FO	Forest	4.56	6E	N	
W-107	FO	Forest	6.94	6E	N	
W-108	FO	Forest	1.94	6E	N	
W-109	FO	Forest	1.05	6E	N	
W-110	FO	Forest	0.48	6E	Y	
W-111	FO	Forest	1.26	6E	N	
W-112	FO	Forest	49.44	6E	N	
W-113	FO	Forest	0.72	6E	N	
W-114	FO	Forest	18.78	6E	N	
W-115	FO	Forest	36.12	6E	N	
W-116 (WE-036)	FO	Forest	31.77	6E	N	
	SW	Swamp	4.93			
W-117	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-118	FOD5	Dry – Fresh Sugar Maple Deciduous Forest Ecosite	12.40	6E	Y	

W-119	FO	Forest	59.02	6E	N	
W-120 (WE-037)	SWD3-4	Manitoba Maple Mineral Deciduous Swamp Type	1.63	6E	Y	
W-121	FO	Forest	58.52	6E	N	
W-122	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-123	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	4.68	6E	Y	
W-124	FO	Forest	8.42	6E	N	
W-125	FO	Forest	4.09	6E	N	
W-126	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-127	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	7.21	6E	Y	
W-128 (WE-038)	FOD6	Fresh – Moist Sugar Maple Deciduous Forest Ecosite	0.52	6E	Y	
	SWD2	Ash Mineral Deciduous Swamp Ecosite	23.02			
W-129	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
W-130	FO	Forest	9.10	6E	N	
W-131	FO	Forest	2.36	6E	N	
W-132	FO	Forest	1.92	6E	N	
W-133	FO	Forest	5.25	6E	N	
W-134	FO	Forest	81.49	6E	N	
W-135	FO	Forest	0.67	6E	N	
W-136 (WE-039)	SW	Swamp	1.08	6E	N	
W-137	FO	Forest	0.58	6E	N	

W-138	FO	Forest	2.93	6E	N	
W-139	FO	Forest	10.61	6E	N	
W-140	FO	Forest	1.79	6E	N	
W-141	FO	Forest	3.00	6E	N	
Wetlands						
WE-001	SWD2-2	Green Ash Mineral Deciduous Swamp Type	172.3	7E	Y	
WE-002	SWD2-2	Green Ash Mineral Deciduous Swamp Type	83.3	6E	Y	
WE-003	SWD2-2	Green Ash Mineral Deciduous Swamp Type	27.9	6E	Y	Datars-Miller Swamp (Non-PSW)
WE-004	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
WE-005	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
Wetland Complex C	WE-006	MA	Marsh	3.6	6E	N
	WE-007	OA	Open Water (pond surrounded by WE-006)	0.4	6E	N
Wetland Complex A	WE-008	OA	Open Water (pond surrounded by WE-010)	0.1	6E	Y
	WE-009	SWT2-5	Red-osier Dogwood Mineral Deciduous Thicket Swamp Type	1.2	6E	Y
	WE-010	MAM2-2	Reed-canary Grass Graminoid Mineral Meadow Marsh Type	2.1	6E	Y
	WE-011	SWT2-5	Red-osier Dogwood Mineral Deciduous Thicket Swamp Type	1.8	6E	Y

WE-012		SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.4	6E	Y	
Wetland Complex B	WE-013	SWD2-2	Green Ash Mineral Deciduous Swamp Type	7.0	6E	Y	
	WE-014	SWD2-2	Green Ash Mineral Deciduous Swamp Type	0.4	6E	Y	
	WE-015	SWT3-2	Willow Organic Thicket Swamp	0.9	6E	Y	
	WE-016	OA	Open Water (between W-039 and OC-028)	0.1	6E	Y	
	WE-017	SWD4-1	Willow Mineral Deciduous Swamp	1.3	6E	Y	
	WE-020	SWD2-2	Green Ash Mineral Deciduous Swamp Type	2.2	6E	Y	
	WE-026	SWD2-2	Green Ash Mineral Deciduous Swamp Type	61.1	6E	Y	
WE-018		N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
WE-019		SW	Swamp	220.4	6E	N	Hay Swamp (PSW)
WE-021		SWD2-2	Green Ash Mineral Deciduous Swamp Type	65.1	6E	Y	Datars-Miller Swamp (Non-PSW)
WE-022		SWD2-2	Green Ash Mineral Deciduous Swamp Type	9.3	6E	Y	
WE-023		SW	Swamp	15.3	6E	N	Hay Swamp (PSW)
WE-024		SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.5	6E	N	
WE-025		MA	Marsh	2.7	6E	N	
WE-027		SWD2-2	Green Ash Mineral Deciduous Swamp Type	10.1	6E	Y	Hay Swamp (PSW)
WE-028		SW	Swamp	2.1	6E	N	Hay Swamp (PSW)
WE-029		SWD2-2	Green Ash Mineral Deciduous Swamp Type	9.4	6E	Y	Hay Swamp (PSW)

WE-030	SWD4-1	Willow Mineral Deciduous Swamp Type	0.7	6E	Y	
WE-031	SWD2-2	Green Ash Mineral Deciduous Swamp Type	1.8	6E	Y	
WE-032	OA	Open Water (pond, little surrounding vegetation, within disturbed site)	0.9	6E	Y	
WE-033	SWD2	Swamp	1.0	6E	Y	
WE-034	OA	Open Water (small pond within W-102)	0.1	6E	Y	
WE-035	OA	Open Water (likely old aggregate pit)	4.8	6E	Y	
WE-036	SW	Swamp	4.9	6E	N	
WE-037	SWD3-4	Manitoba Maple Mineral Deciduous Swamp Type	1.6	6E	Y	
WE-038	SWD4-1	Willow Mineral Deciduous Swamp Type	23.0	6E	Y	
WE-039	SW	Swamp	1.1	6E	N	
Open Country						
OC-001	CUM1-1	Dry - Moist Old Field Meadow Type	0.67	7E	N	
OC-002	CUW1	Mineral Cultural Woodland Ecosite	1.55	7E	Y	
OC-003	CUW1	Mineral Cultural Woodland Ecosite	7.29	7E	N	
OC-004	CUM1-1	Dry - Moist Old Field Meadow Type	14.59	7E	N	
OC-005	CUM	Cultural Meadow	4.71	7E	N	
OC-006	CUW	Cultural Woodland	1.37	7E	Y	
OC-007	CUW1	Mineral Cultural Woodland Ecosite	13.66	7E	Y	
OC-008	CUW1	Mineral Cultural Woodland Ecosite	2.52	7E	N	
OC-009	CUM1-1	Dry - Moist Old Field Meadow	0.94	7E	N	No longer within 120 m of

		Type				Project Location.
OC-010	CUW1	Mineral Cultural Woodland Ecosite	1.89	7E	N	
OC-011	CUW1	Mineral Cultural Woodland Ecosite	3.43	7E	N	
OC-012	CUW1	Mineral Cultural Woodland Ecosite	3.00	7E	N	
OC-013	CUM1-1	Dry - Moist Old Field Meadow Type	4.86	6E	N	
OC-014	CUW1	Mineral Cultural Woodland Ecosite	2.58	6E	N	
OC-015	CUW1	Mineral Cultural Woodland Ecosite	2.86	6E	N	
OC-016	CUM	Cultural Meadow	4.03	6E	N	
OC-017	CUM1-1	Dry - Moist Old Field Meadow Type	8.49	6E	N	No longer within 120 m of Project Location.
OC-018	CUM1-1	Dry - Moist Old Field Meadow Type	2.69	6E	N	
OC-019	CUM1-1	Dry - Moist Old Field Meadow Type	3.75	6E	N	
OC-020	CUW1	Mineral Cultural Woodland Ecosite	1.39	6E	N	
OC-021	CUM1-1	Dry - Moist Old Field Meadow Type	4.48	6E	Y	Further study in 2012 identified this as a hay field. This feature was relabelled as AG-027
OC-022	CUM1-1	Dry - Moist Old Field Meadow Type	3.76	6E	Y	Further study in 2012 identified this as a tilled agricultural field. This feature was relabelled as AG-029.
OC-023	CUM1-1	Dry - Moist Old Field Meadow Type	1.49	6E	Y	
OC-024	CUM1-1	Dry - Moist Old Field Meadow Type	5.48	6E	Y	Further study in 2012 identified this as a hay field. This feature was relabelled as AG-028.

OC-025	CUM1-1	Dry - Moist Old Field Meadow Type	33.30	6E	Y	In 2012 this area was converted to livestock pasturing for cattle.
OC-026	CUW1	Mineral Cultural Woodland Ecosite	5.00	6E	Y	
OC-027	CUM	Cultural Meadow	3.66	6E	Y	
OC-028	CUT1	Mineral Cultural Thicket Ecosite	8.61	6E	Y	
OC-029	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
OC-030	CUM1-1	Dry - Moist Old Field Meadow Type	2.70	6E	N	Further study in 2012 identified this as pasture.
OC-031	CUW1	Mineral Cultural Woodland Ecosite	1.69	6E	N	
OC-032	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
OC-033	CUW1	Mineral Cultural Woodland Ecosite	12.86	6E	N	
OC-034	CUW1	Mineral Cultural Woodland Ecosite	2.02	6E	N	
OC-035	CUT1	Mineral Cultural Thicket Ecosite	0.81	6E	Y	
OC-036	CUM1	Mineral Cultural Meadow Ecosite	0.28	6E	Y	
OC-037	CUW1/ CUS1	Mineral Cultural Woodland Ecosite/Mineral Cultural Savannah Ecosite	13.50	6E	Y	
Agricultural Lands						
AG-001		Crop Unknown/tilled	33.13	7E	Y	
AG-002		Corn	74.96	7E	Y	
AG-003		Corn	33.35	7E	Y	
AG-004		Corn	5.80	7E	Y	

AG-005		Hay	50.38	7E	Y	
AG-006		Corn	8.11	7E	Y	
AG-007		Hay	5.45	7E	Y	
AG-008		Wheat	27.17	7E	Y	
AG-009		Crop Unknown/tilled	88.52	7E	Y	
AG-010		Soybean	4.83	7E	Y	
AG-011		Wheat	55.46	7E	Y	
AG-012		Corn	26.90	7E	Y	
AG-013		Wheat	38.09	6E	Y	
AG-014		Corn	13.19	6E	Y	
AG-015		Tilled	36.09	6E	Y	
AG-016		Tilled	14.88	6E	Y	
AG-017		Tilled	8.47	6E	Y	
AG-018		Tilled	10.58	6E	Y	
AG-019		Hay	9.41	6E	Y	
AG-020		Tilled	23.35	6E	Y	
AG-021		Hay and Tilled	67.40	6E	Y	Small portion of field in hay; remainder was tilled in spring
AG-022		Hay	29.15	6E	Y	
AG-023		Hay	1.81	6E	Y	
AG-024		Hay	2.82	6E	Y	
AG-025	N/A	N/A	N/A	N/A	N/A	Due to changes to Project Location, no longer within Study Area.
AG-026		Hay	39.09	6E	Y	
AG-027		Hay	4.48	6E	Y	Previously identified as OC-021.
AG-028		Hay	5.48	6E	Y	Previously identified as OC-024.

AG-029		Tilled	3.76	6E	Y	Previously identified as OC-022.
AG-030		Pasture	2.70	6E	N	

NEEGAN BURNSIDE

Appendix G
Field Notes

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area/Woodland	WP#	#Snags	#Cavity Trees	Notes
15 Feb 12	A / W-19	147	:: 3	•	#two holes
"	"	149	:: 2	Ø	#two holes
"	"	146	:: 6	Ø	in wet inclusion
"	"	148	:: 4	Ø	
"	F / WH-37	145	Ø	Ø	young forest - 5 few log trees
"	"	144	Ø	Ø	"
16 Feb 12	J / WH-13	26	Ø	Ø	"
"	"	20	Ø	Ø	
"	"	9	Ø	Ø	
"	"	14	:: 2	Ø	
"	"	10	:: 3	•	
"	"	18	Ø	Ø	in clearing
"	"	25	•	Ø	in wet inclusion
"	"	17	Ø	•	large snag
"	"	12	Ø	Ø	
"	"	24	•	Ø	
"	"	15	•	Ø	
"	"	13	•	•	
"	"	21	Ø	Ø	
"	"	11	:: 3	Ø	
"	"	16	•	Ø	
"	"	23	Ø	Ø	
"	"	19	•	Ø	
"	"	22	:: 4	Ø	peeling bark

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area/Woodland	WP#	#Snags	#Cavity Trees	Notes
16 Feb 12	I / W-66	7	Ø	Ø	
"	"	4	Ø	:: 2	
"	"	3	Ø	Ø	
"	"	8	•	:: 2	
"	"	6	Ø	Ø	
"	"	5	:: 4	Ø	
2 Mar 12	C / W-29	140	•	Ø	mid-aged
"	"	132	Ø	•	
"	"	136	Ø	Ø	
"	"	135	Ø	•	
"	"	129	:: 2	Ø	along creek bed
"	"	125	:: 3	Ø	in floodplain
"	"	130	•	Ø	
"	"	131	Ø	Ø	
"	"	137	Ø	•	
"	"	138	Ø	Ø	
"	"	128	Ø	Ø	
"	"	139	•	Ø	
"	"	134	Ø	Ø	in MAN/MAS
"	"	126	:: 2	:: 4	
"	"	133	Ø	:: 2	
"	"	127	•	•	
"	"	141	•	Ø	in SWD
"	"	142	Ø	Ø	

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area	WP#	#Snags	#Cavity Trees	Notes
15F 2 Mar 12	C/W-29	143	0	0	on edge of MAM/MAS
" 6 Mar 12	H/W-32	34	2	0	peeling bark
"	"	27	1	0	
"	"	463	2	0	"
"	"	464	2	0	"
"	"	39	2	1	
16F " "	"	29	1	2	
"	"	30	2	2	"
"	"	36	0	0	few long trees
"	"	40	0	1	
"	"	38	0	1	
"	"	32	1	0	
"	"	31	3	3	
"	"	41	1	1	
"	"	37	2	0	
"	"	33	0	1	
"	"	35	1	1	
"	"	28	4	2	SLAM
"	G/W4-18	61	0	0	
"	"	51	0	0	
"	"	54	2	2	peeling bark
"	"	55	0	1	
"	"	66	3	2	
"	"	53	0	0	

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area	WP#	#Snags	#Cavity Trees	Notes
6 Mar 12	G/W4-18	52	2	0	
"	"	44	1	0	peeling bark
"	"	56	0	0	
"	"	50	2	0	
"	"	65	1	0	
"	"	58	1	0	
"	"	47	2	0	
"	"	46	3	0	
"	"	48	7	0	SLAM
"	"	60	1	1	
"	"	57	4	1	
"	"	63	1	2	one very long cavity
"	"	49	1	3	SLAM
"	"	59	2	0	
"	"	64	0	0	
"	"	62	0	0	
"	"	42	0	3	
"	"	45	1	1	
"	G/W4-21	68	0	0	
"	"	460	0	0	
"	"	69	2	2	
"	"	73	0	0	
"	"	67	1	1	
"	"	70	1	2	

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area	WP#	#Snags	#Cavity Trees	Notes
15F 6 Mar '12	G/WH-21	71	0	0	" Young PINSTRO red 300 W
"	"	72	0	0	"
14 Mar '12	E/WH-28	91	2	2	
"	"	81	0	0	
"	"	101-1	0	0	
"	"	82	0	0	
16F "	"	78	0	0	
"	"	92	0	0	
"	"	96	0	0	
"	"	99	0	0	
"	"	87	0	0	
"	"	86	1	2	
"	"	94	1	0	
"	"	95	0	0	
"	"	93	2	0	
"	"	78	1	0	
"	"	79	0	1	
"	"	76	0	0	
"	"	77	0	0	
"	"	90	3	0	log cavity in from ground
"	"	88	0	0	
"	"	100-1	1	0	
"	"	97	1	1	
"	"	85	2	0	

LEL + SS

Bat Habitat Surveys - GRAND BEND

Date	Area	WP#	#Snags	#Cavity Trees	Notes
14 Mar '12	E/WH-28	84	0	1	
"	"	89	0	0	
"	"	80	0	0	
"	"	83	0	0	
"	D/WH-36	122-1	0	0	
"	"	113-1	0	0	
"	"	107-1	0	0	
"	"	119-1	0	0	
"	"	114-1	1	0	
"	"	110-1	0	0	
"	"	103-1	2	0	
"	"	105-1	0	0	
"	"	117-1	0	0	
"	"	104-1	0	0	
"	"	124-1	0	0	
"	"	116-1	0	0	
"	"	115-1	0	0	
"	"	123-1	0	0	
"	"	102-1	1	0	
"	"	108-1	0	0	
"	"	106-1	1	2	
"	"	111-1	0	0	
"	"	118-1	1	0	
"	"	121-1	0	1	

LEL + SS

Bat Habitat Surveys - Grand Bend

Date	Area	W#	# Snags	# Cavity Trees	Notes
14 Mar '12	WH-36/D	120-1	3	0	
"	"	112-1	1	0	
"	"	109-1	3	0	
"	K/WH-02	2	0	0	Young
22 Mar '12	"	1	0	0	
"	B/W-35	75	0	0	long stump in trees
"	"	74	0	0	

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 1 (0C-007)	
	SURVEYOR(S): T. RADBURN, O. EVANS	DATE: Sept. 12/11	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> LACUSTRINE	<input checked="" type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> PLANKTON	<input checked="" type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input checked="" type="checkbox"/> MINERAL SOIL	<input checked="" type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input checked="" type="checkbox"/> SUBMERGED	<input checked="" type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input checked="" type="checkbox"/> BOTTOMLAND		<input checked="" type="checkbox"/> FLOATING-LVD.	<input checked="" type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input checked="" type="checkbox"/> TERRACE		<input checked="" type="checkbox"/> GRAMINOID	<input checked="" type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input checked="" type="checkbox"/> VALLEY SLOPE		<input checked="" type="checkbox"/> FORB	<input checked="" type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input checked="" type="checkbox"/> TABLELAND		<input checked="" type="checkbox"/> LICHEN	<input checked="" type="checkbox"/> SWAMP
		<input checked="" type="checkbox"/> ROLL. UPLAND		<input checked="" type="checkbox"/> BRYOPHYTE	<input checked="" type="checkbox"/> FEN
		<input checked="" type="checkbox"/> CLIFF		<input checked="" type="checkbox"/> DECIDUOUS	<input checked="" type="checkbox"/> BOG
		<input checked="" type="checkbox"/> TALLS		<input checked="" type="checkbox"/> CONIFEROUS	<input checked="" type="checkbox"/> BARREN
		<input checked="" type="checkbox"/> CREVICE / CAVE		<input checked="" type="checkbox"/> MIXED	<input checked="" type="checkbox"/> MEADOW
		<input checked="" type="checkbox"/> ALVAR			<input checked="" type="checkbox"/> PRAIRIE
		<input checked="" type="checkbox"/> ROCKLAND			<input checked="" type="checkbox"/> THICKET
		<input checked="" type="checkbox"/> BEACH / BAR			<input checked="" type="checkbox"/> SAVANNAH
		<input checked="" type="checkbox"/> SAND DUNE			<input checked="" type="checkbox"/> WOODLAND
		<input checked="" type="checkbox"/> BLUFF			<input checked="" type="checkbox"/> FOREST
					<input checked="" type="checkbox"/> PLANTATION
SITE			COVER		
<input checked="" type="checkbox"/> OPEN WATER			<input type="checkbox"/> OPEN		
<input type="checkbox"/> SHALLOW WATER			<input type="checkbox"/> SHRUB		
<input checked="" type="checkbox"/> SURFICIAL DEP.			<input checked="" type="checkbox"/> TREE		
<input type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	6	3	

HT CODES: 1 = >25 m 2 = 10 < HT ≤ 25 m 3 = 2 < HT ≤ 10 m 4 = 1 < HT ≤ 2 m 5 = 0.5 < HT ≤ 1 m 6 = 0.2 < HT ≤ 0.5 m 7 = HT < 0.2 m
CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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STANDING SNAGS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
DEADFALL / LOGS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input checked="" type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE: —	DEPTH TO MOTTLES / GLEY	g = —	G = —
MOISTURE: —	DEPTH OF ORGANICS:	—	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	—	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	FO
COMMUNITY SERIES:	FOD
ECOSITE:	FOD4
VEGETATION TYPE:	Dry-fresh White Ash Deciduous Forest Type FOD4-2
INCLUSION	* cuw1: Mineral clay woodlands Prosites
COMPLEX	

Notes: Observations taken from participating landowners Parceline (N)

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 1
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBURN, O. EVANS

TREE TALLY BY SPECIES:

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
N/A							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes: 22/11/12: ELC revised based off of more recent field study (see Ecological Land Classification Aerial photo # 5c)

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>1</u>				
	DATE: <u>Sept 12/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	SCORE †
TIME SINCE LOGGING	>30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	<u>SLIGHT</u>	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>1</u>	
	DATE: <u>Sept. 12/11</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): 25°C CLOUD (10th): 0 WIND: 0 PRECIPITATION: 0

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
B	WITU	OB		2					

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION SITE: NORTHLAND SURVEYOR(S): R. RABBURN, D. EVANS DATE: Sept 12/11 TIME: start finish UTMZ: UTM: UTMN: POLYGON: 2 (W-004)

POLYGON DESCRIPTION table with columns: SYSTEM, SUBSTRATE, TOPOGRAPHIC FEATURE, HISTORY, PLANT FORM, COMMUNITY. Includes site-specific characteristics like 'LACUSTRINE RIVERINE BOTTOMLAND' and 'NATURAL' history.

STAND DESCRIPTION table with columns: LAYER, HT, CVR. Species in order of decreasing dominance. Includes codes for HT (1-7) and CVR (0-4).

HT CODES: 1=>25m 2=10<HT<25m 3=2<HT<10m 4=1<HT<2m 5=0.5<HT<1m 6=0.2<HT<0.5m 7=HT<0.2m
CVR CODES 0=NONE 1=0%<CVR<10% 2=10<CVR<25% 3=25<CVR<60% 4=CVR>60%

STAND COMPOSITION: BA: box for recording stand composition data.

SIZE CLASS ANALYSIS table with columns: SIZE CLASS, C, A, R, N, BA, >50. Includes handwritten values for size class analysis.

STANDING SNAGS table with columns: STANDING SNAGS, C, A, R, N, BA, >50. Includes handwritten values for standing snags.

DEADFALL / LOGS table with columns: DEADFALL / LOGS, C, A, R, N, BA, >50. Includes handwritten values for deadfall and logs.

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE table with columns: PIONEER, YOUNG, MID-AGE, MATURE, OLD GROWTH. Includes handwritten checkmarks for 'YOUNG' and 'MATURE'.

SOIL ANALYSIS table with columns: TEXTURE, DEPTH TO MOTTLES / GLEY, MOISTURE, DEPTH OF ORGANICS, HOMOGENEOUS / VARIABLE, DEPTH TO BEDROCK. Includes handwritten values for soil analysis.

COMMUNITY CLASSIFICATION: ELC CODE

Table for COMMUNITY CLASSIFICATION: COMMUNITY CLASS, COMMUNITY SERIES, ECOSITE, VEGETATION TYPE, INCLUSION, COMPLEX. Includes handwritten classification: FOD4-2.

Notes:

ELC STAND CHARACTERISTICS SITE: NORTHLAND POLYGON: 2 DATE: Sept 12/11 SURVEYOR(S): T. RABBURN, D. EVANS

TREE TALLY BY SPECIES table with columns: SPECIES, TALLY 1-5, TOTAL, REL. AVG. Includes a large 'N/A' handwritten across the table.

STAND COMPOSITION: box for recording stand composition data.

COMMUNITY PROFILE DIAGRAM vertical axis for recording community profile data.

Notes:

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>2</u>				
	DATE: <u>Sept 12/11</u>				
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	<u>FAINT TRAILS</u>	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
EARTH DISPLACEMENT	NONE	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>		
	POLYGON: <u>8</u>		
	DATE: <u>Sept 12/11</u>		
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>		
START TIME:	END TIME:		
TEMP (°C): <u>25</u>	CLOUD (10th): <u>0</u>	WIND: <u>0</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input checked="" type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
M	WTDEER	TK							

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY D = DISPLAY P = PAIR
A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED VO = VOCALIZATION CA = CARCASS
DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>3 (W-004)</u>
	SURVEYOR(S): <u>T. RAUBURN, D. EVANS</u>	DATE: <u>Sept 12/11</u>
	UTMZ:	UTME:
	UTMN:	TIME: start finish

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input checked="" type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORE	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL. UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
		<input type="checkbox"/> TALUS		<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
		<input type="checkbox"/> CREVICE / CAVE		<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
		<input type="checkbox"/> ALVAR			<input type="checkbox"/> PRAIRIE
		<input type="checkbox"/> ROCKLAND	<input type="checkbox"/> COVER		<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR	<input type="checkbox"/> OPEN		<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE	<input type="checkbox"/> SHRUB		<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF	<input type="checkbox"/> TREED		<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	1	
4 GRD. LAYER	5	1	

HT CODES: 1 = >25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m

CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50
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STANDING SNAGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50
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DEADFALL / LOGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input checked="" type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = <u>—</u>	G = <u>—</u>
MOISTURE:	DEPTH OF ORGANICS:	<u>—</u>	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	<u>—</u>	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	<u>F0</u>
COMMUNITY SERIES:	<u>F0D</u>
ECOSITE:	<u>F0D5</u>
VEGETATION TYPE:	<u>Dry-Fresh Sugar maple-White Ash Deciduous Forest Type</u>
INCLUSION	
COMPLEX	

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>3</u>
	DATE: <u>Sept 12/11</u>
	SURVEYOR(S): <u>T. RAUBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
PRISM FACTOR <input type="text"/>							
N/A							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC
 SOILS ONTARIO

SITE: NORTHLAND
 POLYGON: 3
 DATE: Sept. 12/11
 SURVEYOR(S): T. RADBORN, D. EVANS

			Slope		UTM						
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1	A				5						
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5

A	TEXTURE	<u>Sifs</u>			
	COURSE FRAGMENTS	<u>none</u>			
B	TEXTURE				
	COURSE FRAGMENTS				
C	TEXTURE				
	COURSE FRAGMENTS				
	EFFECTIVE TEXTURE				
	SURFACE STONINESS				
	SURFACE ROCKINESS				

DEPTH TO / OF					
MOTTLES	<u>—</u>				
GLEYS	<u>—</u>				
BEDROCK	<u>—</u>				
WATER TABLE	<u>—</u>				
CARBONATES	<u>—</u>				
DEPTH OF ORGANICS	<u>—</u>				
PORE SIZE DISC #1	<u>—</u>				
PORE SIZE DISC #2	<u>—</u>				
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC
 PLANT SPECIES LIST

SITE: NORTHLAND
 POLYGON: 3
 DATE: Sept 12/11
 SURVEYOR(S): T. RADBORN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Sugar Maple	D	D	D		
W. Ash	O	O	R		
B. Walnut			R		
Basswood		R	R		
Shagbark Hick		R			
Silver Maple		R			
Staghorn Sumac			R		
Elm		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Gooseberry				R	
Goldenrod				R	
Garlic Mustard				R	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>3</u>				
	DATE: <u>Sept. 12/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>		
	POLYGON: <u>3</u>		
	DATE: <u>Sept. 12/11</u>		
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>		
START TIME:		END TIME:	

TEMP (°C): <u>25</u>	CLOUD (10th): <u>0</u>	WIND: <u>0</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS
<input type="checkbox"/>		<input type="checkbox"/>	

SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>4 (W-004)</u>	
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>	DATE: <u>Sept 12/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE RIVERINE G BOTTOMLAND TERRACE G VALLEY SLOPE TABLELAND G ROLL UPLAND CLIFF G TALUS G CREVICE / CAVE ALVAR G ROCKLAND BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL	G PLANKTON SUBMERGED G FLOATING-LVD. G GRAMINOID FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN MEADOW G PRAIRIE THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE			COVER		
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK			G OPEN G SHRUB G TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	6	7	

HT CODES: 1 =>25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m

CVR CODES 0= NONE 1= 0% < CVR ≤ 10% 2= 10 < CVR ≤ 25% 3= 25 < CVR ≤ 60% 4= CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	0	< 10	A	10 - 24	0	25 - 50	R	> 50
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STANDING SNAGS:	0	< 10	R	10 - 24	R	25 - 50	N	> 50
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DEADFALL / LOGS:	A	< 10	0	10 - 24	N	25 - 50	N	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE :	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

ELC CODE

COMMUNITY CLASS:		FD
COMMUNITY SERIES:		FOD
ECOSITE:		FOD5
VEGETATION TYPE:	Dry - fresh Sugar maple - white ash deciduous forest type	FOD5-8
INCLUSION		
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>4</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>

TREE TALLY BY SPECIES:

SPECIES	PRISM FACTOR					TOTAL	REL. AVG
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
N/A							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>4</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

		Slope			UTM					
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	R				2					
2										
3										
4										
5										

SOIL TEXTURE x HORIZON	1	2	3	4	5

A	TEXTURE	<u>FS</u>				
	COURSE FRAGMENTS	<u>none</u>				
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES	<u> </u>					
GLEYS	<u> </u>					
BEDROCK	<u> </u>					
WATER TABLE	<u> </u>					
CARBONATES	<u> </u>					
DEPTH OF ORGANICS	<u> </u>					
PORE SIZE DISC #1	<u> </u>					
PORE SIZE DISC #2	<u> </u>					
MOISTURE REGIME						

SOIL SURVEY MAP						
LEGEND CLASS						

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>4</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Red Oak	R		R		
Beech		D			
Elm		O	O		
Sugar Maple		D			
Basswood		O	O		
Shadblow Hic	R	R			
W. Ash	D	R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Solomon's Seal				R	
Spiny Wood Fern				R	
Gooseberry				R	
Christmas Fern				R	

1. Ake to no ground cover

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>4</u>				
	DATE: <u>Sept. 2/11</u>				
	SURVEYOR(S): <u>D. EVANS T RADBORN</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>		
	POLYGON: <u>4</u>		
	DATE: <u>Sept. 12/11</u>		
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>		
START TIME:		END TIME:	

TEMP (°C): 25 CLOUD (10th): 0 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>5 (W-004)</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	DATE: <u>Sept 12/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE RIVERINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON SUBMERGED	<input type="checkbox"/> LAKE POND RIVER
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> BOTTOMLAND TERRACE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> FLOATING-LVD. GRAMINOID FORB	<input type="checkbox"/> STREAM MARSH SWAMP
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN. ACIDIC BEDRK. BASIC BEDRK. CARB. BEDRK.	<input type="checkbox"/> VALLEY SLOPE TABLELAND ROLL. UPLAND CLIFF TALUS CREVICE / CAVE ALVAR ROCKLAND BEACH / BAR SAND DUNE BLUFF		<input type="checkbox"/> LICHEN BRYOPHYTE <input type="checkbox"/> DECIDUOUS CONIFEROUS <input type="checkbox"/> MIXED	<input type="checkbox"/> BOG FEN BARREN MEADOW PRAIRIE THICKET SAVANNAH WOODLAND FOREST PLANTATION
SITE			COVER		
<input type="checkbox"/> OPEN WATER			<input type="checkbox"/> OPEN		
<input type="checkbox"/> SHALLOW WATER			<input type="checkbox"/> SHRUB		
<input type="checkbox"/> SURFICIAL DEP.			<input type="checkbox"/> TREE		
<input type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	1	

HT CODES: 1 => 25 m 2 = 10 < HT < 25 m 3 = 2 < HT < 10 m 4 = 1 < HT < 2 m 5 = 0.5 < HT < 1 m 6 = 0.2 < HT < 0.5 m 7 = HT < 0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	0	< 10	A	10 - 24	0	25 - 50	R	> 50
----------------------	---	------	---	---------	---	---------	---	------

STANDING SNAGS:	0	< 10	0	10 - 24	R	25 - 50	N	> 50
-----------------	---	------	---	---------	---	---------	---	------

DEADFALL / LOGS:	A	< 10	0	10 - 24	N	25 - 50	N	> 50
------------------	---	------	---	---------	---	---------	---	------

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = --	G = --
MOISTURE:	DEPTH OF ORGANICS:	--	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	--	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:		ELC CODE
COMMUNITY SERIES:		F0
ECOSITE:		F0P
VEGETATION TYPE:	Dry-fresh Sugar maple - White Ash Deciduous Forest Type	F0P5
INCLUSION		F0P5-8
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>5</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

PRISM FACTOR							TOTAL	REL. AVG
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG	
NIA								
TOTAL						100		
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

--

COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 5
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBURN D. EVANS

P/A	PP	Dr	Slope			UTM						
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING		
1	A				5							
2												
3												
4												
5												

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	CL				
	COURSE FRAGMENTS	none				
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					
DEPTH TO / OF						
	MOTTLES					
	GLEYS					
	BEDROCK					
	WATER TABLE					
	CARBONATES					
	DEPTH OF ORGANICS					
	PORE SIZE DISC #1					
	PORE SIZE DISC #2					
	MOISTURE REGIME					
SOIL SURVEY MAP						
	LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 5
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBURN D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Red Oak		O			
Basswood		O			
W. Ash		D			
Shagbark Hick	R	A			
Sugar Maple		A			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Gooseberry				O	
Solomon's Seal				O	
Grasses				O	
Garlic Mustard				O	

ELC MANAGEMENT / DISTURBANCE	SITE: NORTHLAND				
	POLYGON: 5				
	DATE: Sept. 12/11				
	SURVEYOR(S): T. RADBURN D. EVANS				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: NORTHLAND			
	POLYGON: 5			
	DATE: Sept. 12/11			
	SURVEYOR(S): T. RADBURN			
START TIME:		END TIME:		

TEMP (°C): 25 CLOUD (10th): 1 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input checked="" type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: <u>6</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN D. EVANS</u>

P/A	PP	Dr	Slope				UTM				
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1	A				2						
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5

A	TEXTURE	<u>SCL</u>				
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

	DEPTH TO / OF					
	MOTTLES					
	GLEYS					
	BEDROCK					
	WATER TABLE					
	CARBONATES					
	DEPTH OF ORGANICS					
	PORE SIZE DISC #1					
	PORE SIZE DISC #2					
	MOISTURE REGIME					

SOIL SURVEY MAP				
LEGEND CLASS				

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: <u>6</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W.Ash	D	O			
Boxwood		R			
Bur Oak		R			
Blue Beech		R			
Elm		R	R		
Beech		R	O		
Shagbark H.c		R	R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Grasses SP				D	
Garlic mustard				O	
Carex Radialta				O	
Carex Rossi				O	
Poison Ivy				O	
Golden rod				A	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>6</u>				
	DATE: <u>Sept. 12/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	(0)	1	2	3	SCORE †
TIME SINCE LOGGING	(0-30 YRS)	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	(NONE)	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	(SMALL)	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	(WIDESPREAD)	EXTENSIVE	
LIVESTOCK (GRAZING)	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	(OCCASIONAL)	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	(WIDESPREAD)	EXTENSIVE	
PLANTING (PLANTATION)	(NONE)	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	(NONE)	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	(LIGHT)	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	(WIDESPREAD)	EXTENSIVE	
EARTH DISPLACEMENT	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	(NONE)	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	(NONE)	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	(NONE)	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>6</u>	
	DATE: <u>Sept. 12/11</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): <u>25°C</u>	CLOUD (10th): <u>0</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS
<input type="checkbox"/>		<input type="checkbox"/>	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 7
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBORN, D. EVANS

Slope UTM

P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A				13					
2										
3										
4										
5										

SOIL TEXTURE x HORIZON	1	2	3	4	5

A TEXTURE	ASL				
COURSE FRAGMENTS	none				
B TEXTURE	-				
COURSE FRAGMENTS	-				
C TEXTURE	-				
COURSE FRAGMENTS	-				
EFFECTIVE TEXTURE					
SURFACE STONINESS					
SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES	-				
GLEYS	-				
BEDROCK	-				
WATER TABLE	-				
CARBONATES	-				
DEPTH OF ORGANICS	-				
PORE SIZE DISC #1	-				
PORE SIZE DISC #2	-				
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 7
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBORN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				A	
Milkweed				O	
Grasses				D	
Sedges				O	
Thistle				O	
White Aster				A	
reed canarygrass				A	
wild grape			R		
red cedar		R			
W. Ash	R				
N.F. Ash				O	
Q.A. Lace				O	
white sweet clover				O	
Red Clover				O	
Vetch				R	

SPECIES CODE	LAYER				COL.
	1	2	3	4	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>7</u>				
	DATE: <u>Sept. 12/11</u>				
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<u>NONE</u>	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	<u>ABUNDANT</u>	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	<u>SLIGHT</u>	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>		
	POLYGON: <u>7</u>		
	DATE: <u>Sept. 12/11</u>		
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>		
START TIME:	END TIME:		
TEMP (°C): <u>25</u>	CLOUD (10th): <u>1</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			
POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/> VERNAL POOLS	<input type="checkbox"/> SNAGS		
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS		

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>mre</u>		<u>noted</u>						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY D = DISPLAY P = PAIR
A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED VO = VOCALIZATION CA = CARCASS
DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>8 (DC-007)</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	DATE: <u>Sept. 12/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL. G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE RIVERINE G BOTTOMLAND TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND CLIFF G TALUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL COVER G OPEN G SHRUB G TREED	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THicket G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE					
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	-		
3 UNDERSTOREY	3	2	
4 GRD. LAYER	0	4	

HT CODES: 1 =>25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m
CVR CODES 0= NONE 1= 0% < CVR ≤ 10% 2= 10 < CVR ≤ 25% 3= 25 < CVR ≤ 60% 4= CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	A	< 10	A	10 - 24	R	25 - 50	R	> 50
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STANDING SNAGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50
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DEADFALL / LOGS:	R	< 10	N	10 - 24	N	25 - 50	N	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	<input checked="" type="checkbox"/> YOUNG	MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	—	G =	—
MOISTURE:	DEPTH OF ORGANICS:	—	(cm)		
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	—	(cm)		

COMMUNITY CLASSIFICATION:

ELC CODE

COMMUNITY CLASS:		CU
COMMUNITY SERIES:		CUW
ECOSITE:	mineral cultural woodland Ecosite	CUW1
VEGETATION TYPE:		N/A
INCLUSION		
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>8</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

PRISM FACTOR							TOTAL	REL? AVG
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5			
N/A								
TOTAL						100		
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: NORTHLAND 8
	POLYGON: 8
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBURN, D. EVANS

	Slope					UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A				2					
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	CIL				
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEYS					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					

SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 8
	DATE: Sept. 12/11
	SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Manitoba maple	A	-	O		
wh ash	D	-	D		
Crab apple			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
garlic must				O	
aster sp				O	
reed can grass				D	
gooseberry				R	
thistle sp.				R	
bishop's weed				D	
dandelion				R	
bedstraw sp				O	

ELC MANAGEMENT / DISTURBANCE	SITE: NORTHLAND				
	POLYGON: 8				
	DATE: Sept 12/11				
	SURVEYOR(S): T. RADDORN, D. EVANS				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: NORTHLAND			
	POLYGON: 8			
	DATE: Sept 12/11			
	SURVEYOR(S): T. RADDORN, D. EVANS			
START TIME:		END TIME:		
TEMP (°C): 25	CLOUD (10th): 0	WIND: 1	PRECIPITATION: none	
CONDITIONS:				

POTENTIAL WILDLIFE HABITAT:

VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 9 (02-002)
	SURVEYOR(S): TRADBN, D. EVANS	DATE: Sept 12/11
	UTMZ:	UTME:
	TIME: start finish	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
SITE		<input type="checkbox"/> ROLL. UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF	COVER	<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
<input type="checkbox"/> OPEN WATER		<input type="checkbox"/> TALUS	<input type="checkbox"/> OPEN	<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
<input type="checkbox"/> SHALLOW WATER		<input type="checkbox"/> CREVICE / CAVE	<input type="checkbox"/> SHRUB	<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
<input type="checkbox"/> SURFICIAL DEP.		<input type="checkbox"/> ALVAR	<input type="checkbox"/> TREE		<input type="checkbox"/> PRAIRIE
<input type="checkbox"/> BEDROCK		<input type="checkbox"/> ROCKLAND			<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR			<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE			<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	3	3	
2 SUB-CANOPY	3	3	
3 UNDERSTOREY	-	-	
4 GRD. LAYER	6	4	

HT CODES: 1 = >25 m 2 = 10 < HT ≤ 25 m 3 = 2 < HT ≤ 10 m 4 = 1 < HT ≤ 2 m 5 = 0.5 < HT ≤ 1 m 6 = 0.2 < HT ≤ 0.5 m 7 = HT < 0.2 m

CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS: < 10 10 - 24 R 25 - 50 N > 50

STANDING SNAGS: N < 10 N 10 - 24 N 25 - 50 N > 50

DEADFALL / LOGS: N < 10 N 10 - 24 N 25 - 50 N > 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE: PIONEER YOUNG MID-AGE MATURE OLD GROWTH

SOIL ANALYSIS:

TEXTURE: - DEPTH TO MOTTLES / GLEY g = - G = -
 MOISTURE: - DEPTH OF ORGANICS: - (cm)
 HOMOGENEOUS / VARIABLE DEPTH TO BEDROCK: - (cm)

COMMUNITY CLASSIFICATION: ELC CODE

COMMUNITY CLASS:		CU
COMMUNITY SERIES:		CUN
ECOSITE:	mineral cultural woodland Ecosite	CUN1
VEGETATION TYPE:		
INCLUSION		
COMPLEX		

Notes: Surveyed from road side

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 9
	DATE: Sept. 12/11
	SURVEYOR(S): TRADBN, D. EVANS

TREE TALLY BY SPECIES:

PRISM FACTOR:

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM



Notes:

ELC
SOILS ONTARIO

SITE: NORTHLAND
POLYGON: 9
DATE: Sept. 12/11
SURVEYOR(S): T. RADBURN, D. EVANS

		Slope				UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A TEXTURE					
COURSE FRAGMENTS					
B TEXTURE					
COURSE FRAGMENTS					
C TEXTURE					
COURSE FRAGMENTS					
EFFECTIVE TEXTURE					
SURFACE STONINESS					
SURFACE ROCKINESS					
DEPTH TO / OF					
MOTTLES					
GLEYS					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

Roadside Survey

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
POLYGON: 9
DATE: Sept. 12/11
SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Apple		O			
Balsam Poplar		O			
red cedar		O			
W. Ash		D			
Scots pine		O			
white Cedar				R	
Willow sp.		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				D	
Aster Sp.				O	
Grass sp.				A	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>9</u>				
	DATE: <u>Sept 12/11</u>				
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>9</u>	
	DATE: <u>Sept 12/11</u>	
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): 25 CLOUD (10th): 5 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>								
	<u>noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>10 (00-000)</u>
	SURVEYOR(S): <u>T. RAOBUEN, D. EVANS</u>	DATE: <u>Sept 12/11</u>
	UTMZ:	UTME:
	UTMN:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL. G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE G RIVERINE G BOTTOMLAND G TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND G CLIFF G TALUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE			COVER		
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK			G OPEN G SHRUB G TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	3	4	
2 SUB-CANOPY	3	3	
3 UNDERSTOREY	-	-	
4 GRD. LAYER	6	3	

HT CODES: 1 => 25m 2 = 10<HT<25m 3 = 2<HT<10m 4 = 1<HT<2m 5 = 0.5<HT<1m 6 = 0.2<HT<0.5m 7 = HT<0.2m
CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	O < 10	A 10 - 24	N 25 - 50	N > 50
STANDING SNAGS:	N < 10	N 10 - 24	N 25 - 50	N > 50
DEADFALL / LOGS:	- < 10	- 10 - 24	- 25 - 50	- > 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	<input checked="" type="checkbox"/> YOUNG	MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE: -	DEPTH TO MOTTLES / GLEY g = -	G = -
MOISTURE: -	DEPTH OF ORGANICS: -	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK: -	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	CU
COMMUNITY SERIES:	CU1
ECOSITE:	CU1P2
VEGETATION TYPE:	Black Walnut - White Pine Mixed Plantation type CU1P2-1
INCLUSION	+ CU1 - Cultural Woodland
COMPLEX	

Notes: Survey from roadside
• naturalized plantation

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>10</u>
	DATE: <u>Sept. 12/11</u>
	SURVEYOR(S): <u>T. RAOBUEN, D. EVANS</u>

TREE TALLY BY SPECIES:

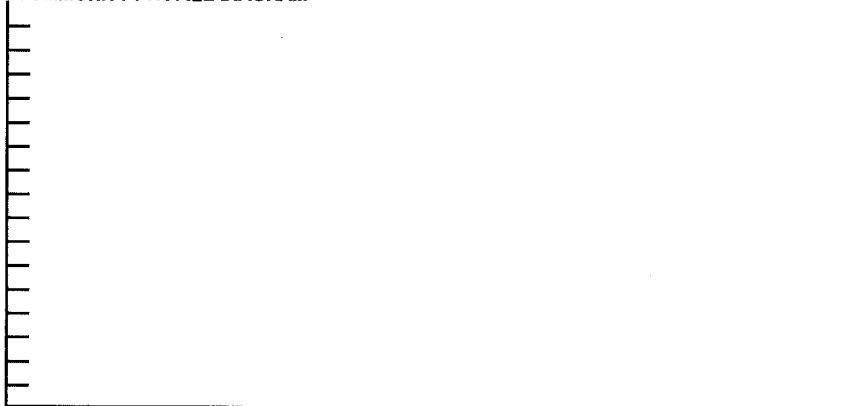
PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:
4/22/11/12 : ELC revised based off of more recent field study.
(see Ecological Land Classification Aerial photo #5d)

ELC MANAGEMENT / DISTURBANCE		SITE: <i>NORTHLAND</i>			
		POLYGON: <i>10</i>			
		DATE: <i>Sept. 12/11</i>			
		SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>			
DISTURBANCE / EXTENT	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	SCORE †
TIME SINCE LOGGING	<i>0-30 YRS</i>	15-30 YRS	5-15 YRS	0-5 YEARS	
INTENSITY OF LOGGING	<i>NONE</i>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<i>NONE</i>	<i>SMALL</i>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<i>NONE</i>	<i>LOCAL</i>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<i>NONE</i>	<i>OCCASIONAL</i>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<i>NONE</i>	LOCAL	<i>WIDESPREAD</i>	EXTENSIVE	
PLANTING (PLANTATION)	<i>NONE</i>	<i>OCCASIONAL</i>	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<i>NONE</i>	LOCAL	<i>WIDESPREAD</i>	EXTENSIVE	
TRACKS AND TRAILS	<i>NONE</i>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<i>NONE</i>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <i>NORTHLAND</i>			
		POLYGON: <i>10</i>			
		DATE: <i>Sept 12/11</i>			
		SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>			
		START TIME:		END TIME:	

TEMP (°C): <i>25</i>	CLOUD (10th): <i>7</i>	WIND: <i>2</i>	PRECIPITATION: <i>none</i>
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<i>none noted</i>								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>11 (W-014)</u>	
	SURVEYOR(S): <u>T. RABBORN</u>	DATE: <u>Sept 13/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE G RIVERINE G BOTTOMLAND G TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND G CLIFF G TALLUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE			COVER		
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK			G OPEN G SHRUB G TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	1	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	6	3	

HT CODES: 1 =>25 m 2=10<HT<25 m 3=2<HT<10 m 4=1<HT<2 m 5=0.5<HT<1 m 6=0.2<HT<0.5 m 7=HT<0.2 m

CVR CODES 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	A	< 10	A	10 - 24	A	25 - 50	O	> 50
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STANDING SNAGS:	R	< 10	R	10 - 24	R	25 - 50	R	> 50
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DEADFALL / LOGS:	A	< 10	O	10 - 24	O	25 - 50	R	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE :	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE <input checked="" type="checkbox"/>	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = <u>---</u>	G = <u>---</u>
MOISTURE:	DEPTH OF ORGANICS:	<u>---</u> (cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	<u>---</u> (cm)	

COMMUNITY CLASSIFICATION:
ELC CODE

COMMUNITY CLASS:		F0
COMMUNITY SERIES:		F0D
ECOSITE:		F0D4
VEGETATION TYPE:	Dry - Fresh White Ash Deciduous Forest Type	F0D4-2
INCLUSION		
COMPLEX		

Notes: potential snake habitat in woody debris pile

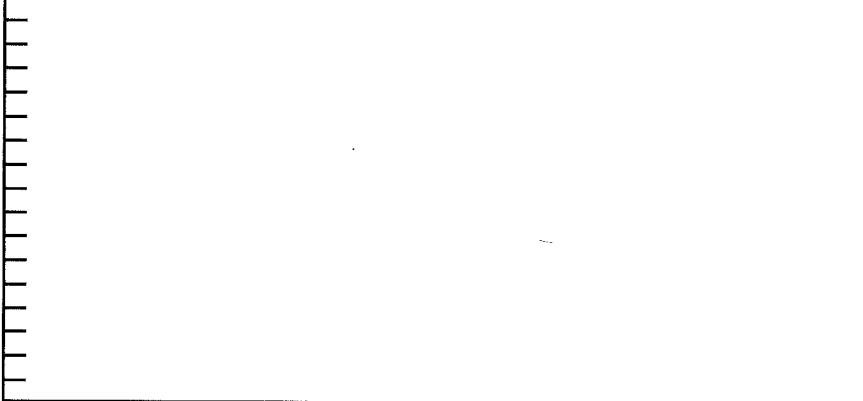
ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>11</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RABBORN, O. EVANS</u>

TREE TALLY BY SPECIES:
PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM


Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>11</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

Slope						UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A				2					
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A	TEXTURE	<u>LCI</u>				
	COURSE FRAGMENTS	<u>none</u>				
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES	<u>—</u>					
GLEYS	<u>—</u>					
BEDROCK						
WATER TABLE	<u>—</u>					
CARBONATES	<u>—</u>					
DEPTH OF ORGANICS	<u>2cm</u>					
PORE SIZE DISC #1	<u>—</u>					
PORE SIZE DISC #2	<u>—</u>					
MOISTURE REGIME						

SOIL SURVEY MAP				
LEGEND CLASS				

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>11</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<u>W Ash</u>	<u>D</u>	<u>A</u>	<u>O</u>		
<u>Buckthorn</u>			<u>R</u>		
<u>Basswood</u>		<u>R</u>	<u>O</u>		
<u>Shagbark H.c</u>		<u>R</u>	<u>A</u>		
<u>Sugar maple</u>			<u>R</u>		
<u>Walnut</u>		<u>R</u>	<u>R</u>		
<u>Elm</u>			<u>R</u>		
<u>Beech</u>		<u>R</u>	<u>O</u>		
<u>Bur Oak</u>			<u>R</u>		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<u>Gooseberry</u>				<u>O</u>	
<u>poison ivy</u>				<u>A</u>	
<u>Carex red shoot</u>				<u>R</u>	
<u>Carex Rossi</u>				<u>O</u>	
<u>Columbine</u>				<u>O</u>	
<u>Solomon's Seal</u>				<u>R</u>	
<u>Jack-in-the-rotat</u>				<u>R</u>	
<u>wild grape</u>				<u>R</u>	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>				
DISTURBANCE / EXTENT		POLYGON: <u>11</u>				
		DATE: <u>Sept. 13/11</u>				
		SURVEYOR(S): <u>T. RADFORD, D. EVANS</u>				
		0	1	2	3	SCORE †
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS		
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT		
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
GAPS IN FOREST CANOPY	<u>NONE</u>	<u>SMALL</u>	INTERMEDIATE	LARGE		
EXTENT OF GAPS	<u>NONE</u>	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE		
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
ALIEN SPECIES	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT		
EXTENT OF ALIEN SPECIES	<u>NONE</u>	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE		
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR		
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE		
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY		
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE		

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE:	
		POLYGON: <u>11</u>	
		DATE: <u>Sept. 13</u>	
		SURVEYOR(S):	
		START TIME:	END TIME:

TEMP (°C): 21 CLOUD (10th): 0 WIND: 0 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>		<u>noted</u>						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 12 (INE-001)
	SURVEYOR(S): T. RADBURN	DATE: Sept 13/11
	UTMZ:	UTME:
	UTMN:	TIME: start finish

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> LACUSTRINE	<input checked="" type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> PLANKTON	<input checked="" type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
		<input type="checkbox"/> TALUS		<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
		<input type="checkbox"/> CREVICE / CAVE		<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
		<input type="checkbox"/> ALVAR			<input type="checkbox"/> PRAIRIE
		<input type="checkbox"/> ROCKLAND	<input type="checkbox"/> OPEN		<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR	<input type="checkbox"/> SHRUB		<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE	<input type="checkbox"/> TREED		<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> EDREST
					<input type="checkbox"/> PLANTATION
SITE					
<input type="checkbox"/> OPEN WATER					
<input type="checkbox"/> SHALLOW WATER					
<input type="checkbox"/> SURFICIAL DEP.					
<input type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	4	

HT CODES: 1 =>25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m

CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="radio"/> < 10	<input type="radio"/> A 10 - 24	<input type="radio"/> R 25 - 50	<input type="radio"/> N > 50
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STANDING SNAGS:	<input type="radio"/> < 10	<input type="radio"/> O 10 - 24	<input type="radio"/> N 25 - 50	<input type="radio"/> N > 50
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DEADFALL / LOGS:	<input type="radio"/> < 10	<input type="radio"/> R 10 - 24	<input type="radio"/> N 25 - 50	<input type="radio"/> N > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE :	<input type="checkbox"/> PIONEER	<input checked="" type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	F0D
VEGETATION TYPE:	F0D4
	Dry - Fresh White Ash
	Deciduous Forest Type
INCLUSION	F0D4-2
COMPLEX	

Notes:

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 12
	DATE: Sept. 13/11
	SURVEYOR(S): T. RADBURN, D. EVANS

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

- Area behind Patio Furniture store consistent, but harvested in 2010.
- Area behind & surrounding trailer park consistent, but access permissions unsure. No one at office

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>12</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>12</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

Slope UTM

P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL		1		2		3		4		5	
TEXTURE x HORIZON		N/A									

A	TEXTURE										
	COURSE FRAGMENTS										
B	TEXTURE										
	COURSE FRAGMENTS										
C	TEXTURE										
	COURSE FRAGMENTS										
	EFFECTIVE TEXTURE										
	SURFACE STONINESS										
	SURFACE ROCKINESS										

DEPTH TO / OF											
	MOTTLES										
	GLEYS										
	BEDROCK										
	WATER TABLE										
	CARBONATES										
	DEPTH OF ORGANICS										
	PORE SIZE DISC #1										
	PORE SIZE DISC #2										
	MOISTURE REGIME										

SOIL SURVEY MAP	
LEGEND CLASS	

poison ivy concerns, no soils

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Trembling Aspen		D			
W. Ash	D	O			
Buckthorn			O	O	
W. Birch	R	I			
Crab apple				R	
Basswood				R	
Sugar Maple	R	O			
Hemlock		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod					O
Grasses					O
wild Strawberry					O
L-white Aster					O
Poison Ivy					A
Sens Fern					R
wild raspberry					R
wild grape				R	O

ELC MANAGEMENT / DISTURBANCE	SITE: NORTHLAND				
	POLYGON: 12				
	DATE: Sept. 13/11				
	SURVEYOR(S): T. RADBORN, D. EVANS				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	>30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: NORTHLAND	
	POLYGON: 12	
	DATE: Sept. 13/11	
	SURVEYOR(S): T. RADBORN, D. EVANS	
START TIME:	END TIME:	

TEMP (°C): 22	CLOUD (10th): 0	WIND: 2	PRECIPITATION: none
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

- FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER
- EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE
- BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST
- BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY
- OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>		POLYGON: <u>13 (0c-013)</u>	
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>		DATE: <u>Sept. 13/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> BORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
		<input type="checkbox"/> TALUS		<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
		<input type="checkbox"/> CREVICE / CAVE		<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
		<input type="checkbox"/> ALVAR			<input type="checkbox"/> PRAIRIE
<input type="checkbox"/> OPEN WATER		<input type="checkbox"/> ROCKLAND	<input type="checkbox"/> COVER		<input type="checkbox"/> THICKET
<input type="checkbox"/> SHALLOW WATER		<input type="checkbox"/> BEACH / BAR	<input type="checkbox"/> OPEN		<input type="checkbox"/> SAVANNAH
<input type="checkbox"/> SURFICIAL DEP.		<input type="checkbox"/> SAND DUNE	<input type="checkbox"/> SHRUB		<input type="checkbox"/> WOODLAND
<input type="checkbox"/> BEDROCK		<input type="checkbox"/> BLUFF	<input type="checkbox"/> TREED		<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	3	1	
2 SUB-CANOPY	3	1	
3 UNDERSTOREY	4	1	
4 GRD. LAYER	5	4	

HT CODES: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m 7 = HT<0.2m
 CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	R	< 10	N	10 - 24	N	25 - 50	N	> 50
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STANDING SNAGS:	N	< 10	N	10 - 24	N	25 - 50	N	> 50
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DEADFALL / LOGS:	N	< 10	N	10 - 24	N	25 - 50	N	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input checked="" type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION: **ELC CODE**

COMMUNITY CLASS:		<u>C0</u>
COMMUNITY SERIES:		<u>Cum</u>
ECOSITE:		<u>Cum1</u>
VEGETATION TYPE:	<u>Dry-moist old Field Meadows type</u>	<u>Cum1-1</u>
INCLUSION		
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>13</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>

TREE TALLY BY SPECIES:

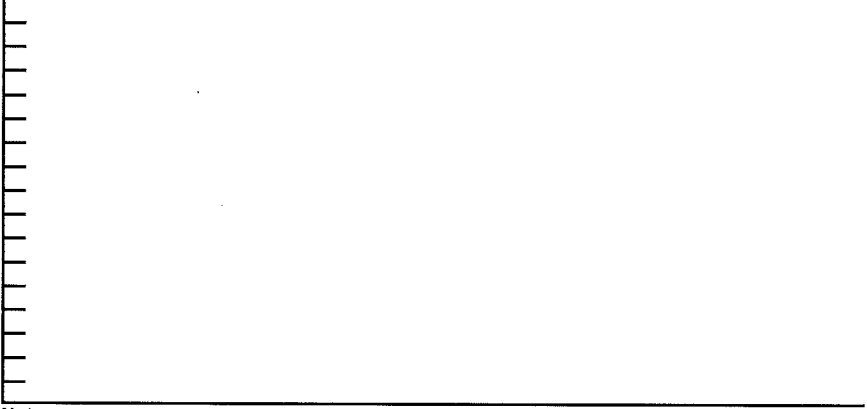
PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL-AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

<p align="center">ELC</p> <p>SOILS ONTARIO</p>	SITE: NORTHLAND
	POLYGON: 13
	DATE: Sept. 13/11
	SURVEYOR(S): T. RADBURN, D. EVANS

	Slope		UTM							
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A				3					
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	LFS				
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					
DEPTH TO / OF						
	MOTTLES					
	GLEY					
	BEDROCK					
	WATER TABLE					
	CARBONATES					
	DEPTH OF ORGANICS					
	PORE SIZE DISC #1					
	PORE SIZE DISC #2					
	MOISTURE REGIME					
SOIL SURVEY MAP						
	LEGEND CLASS					

<p align="center">ELC</p> <p>PLANT SPECIES LIST</p>	SITE: NORTHLAND
	POLYGON: 13
	DATE: Sept. 13/11
	SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
R.O. Dogwood			R		
Trembling Aspen	D				
R/Cedar		O	R		
Nannyberry			R		
Sumac		O			
W. Ash	O				
Willow			O		
Blackthorn			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				D	
O.A. LOCK				O	
L. White Aster				O	
wild strawberry				O	
Bedstraw sp.				O	
reed canary grass				A	
Wild grape				O	
S. white clover				R	
Thistle				R	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>13</u>				
	DATE: <u>Sept. 13/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>								
	POLYGON: <u>13</u>								
	DATE: <u>Sept 13/11</u>								
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>								
START TIME:		END TIME:							
TEMP (°C): <u>22</u>	CLOUD (10th): <u>0</u>	WIND: <u>4</u>	PRECIPITATION: <u>none</u>						
CONDITIONS:									
POTENTIAL WILDLIFE HABITAT:									
<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS								
<input checked="" type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS								
SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
M	N.T. reed	SI	Bedding	?					

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

<p>ELC</p> <p>SOILS ONTARIO</p>	SITE: <u>NORTHLAND</u>
	POLYGON: <u>14</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>D. EVANS, T. RADBURN</u>

Slope _____ UTM _____

P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL TEXTURE x HORIZON	1	2	3	4	5
	<i>N/A</i>				

A	TEXTURE						
	COURSE FRAGMENTS						
B	TEXTURE						
	COURSE FRAGMENTS						
C	TEXTURE						
	COURSE FRAGMENTS						
	EFFECTIVE TEXTURE						
	SURFACE STONINESS						
	SURFACE ROCKINESS						

DEPTH TO / OF				
MOTTLES				
GLEY				
BEDROCK				
WATER TABLE				
CARBONATES				
DEPTH OF ORGANICS				
PORE SIZE DISC #1				
PORE SIZE DISC #2				
MOISTURE REGIME				
SOIL SURVEY MAP				
LEGEND CLASS				

<p>ELC</p> <p>PLANT SPECIES LIST</p>	SITE: <u>NORTHLAND</u>
	POLYGON: <u>14</u>
	DATE: <u>Sept 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<i>W. Ash</i>	<i>D</i>	<i>D</i>			
<i>Red Cedar</i>			<i>O</i>		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<i>Goldenrod</i>				<i>D</i>	
<i>Holly sp.</i>				<i>O</i>	
<i>Wild grape</i>			<i>O</i>	<i>R</i>	
<i>Aster sp.</i>				<i>O</i>	
<i>Curled doc</i>				<i>R</i>	
<i>grasses</i>				<i>A</i>	
<i>OA. Lace</i>				<i>O</i>	
<i>Dogwood sp.</i>			<i>O</i>		
<i>Buckthorn</i>			<i>O</i>		

ELC MANAGEMENT / DISTURBANCE		SITE: NORTHLAND			
POLYGON: 14		DATE: Sept. 13/11			
SURVEYOR(S): T. RADBORN, D. EVANS					
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	< 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: NORTHLAND			
POLYGON: 14		DATE: Sept. 13/11			
SURVEYOR(S): T. RADBORN, D. EVANS					
START TIME:		END TIME:			

TEMP (°C): 22 CLOUD (10th): 9 WIND: 4 PRECIPITATION:

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none								
	noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>15/W-07</u>
	SURVEYOR(S): <u>J. RAOBURN, D. EVANS</u>	DATE: <u>Sept 13/11</u>
	UTMZ:	UTME:
	UTMN:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL <input checked="" type="checkbox"/> WETLAND <input checked="" type="checkbox"/> AQUATIC	<input checked="" type="checkbox"/> ORGANIC <input checked="" type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MIN. <input type="checkbox"/> ACIDIC BEDRK. <input type="checkbox"/> BASIC BEDRK. <input type="checkbox"/> CARB. BEDRK.	<input checked="" type="checkbox"/> LACUSTRINE <input checked="" type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLL UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLUS <input type="checkbox"/> CREVICE / CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH / BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input checked="" type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING-LVD. <input type="checkbox"/> GRAMINOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input checked="" type="checkbox"/> CONIFEROUS <input checked="" type="checkbox"/> MIXED	<input type="checkbox"/> LAKE <input type="checkbox"/> POND <input type="checkbox"/> RIVER <input type="checkbox"/> STREAM <input type="checkbox"/> MARSH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRAIRIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input checked="" type="checkbox"/> WOODLAND <input checked="" type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	4	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	6	3	

HT CODES: 1 = >25m 2 = 10<HT<25m 3 = 2<HT<10m 4 = 1<HT<2m 5 = 0.5<HT<1m 6 = 0.2<HT<0.5m 7 = HT<0.2m

CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="checkbox"/> < 10	<input type="checkbox"/> A 10 - 24	<input type="checkbox"/> O 25 - 50	<input type="checkbox"/> R > 50
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STANDING SNAGS:	<input type="checkbox"/> R < 10	<input type="checkbox"/> R 10 - 24	<input type="checkbox"/> R 25 - 50	<input type="checkbox"/> N > 50
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DEADFALL / LOGS:	<input type="checkbox"/> - < 10	<input type="checkbox"/> - 10 - 24	<input type="checkbox"/> - 25 - 50	<input type="checkbox"/> N > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input checked="" type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = <input type="checkbox"/>	G = <input type="checkbox"/>
MOISTURE:	DEPTH OF ORGANICS:	<input type="checkbox"/>	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	<input type="checkbox"/>	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASSIFICATION:	ELC CODE
COMMUNITY CLASS:	<u>F0</u>
COMMUNITY SERIES:	<u>mixed Forest</u>
ECOSITE:	<u>MIA</u>
VEGETATION TYPE:	<u>MIA</u>
INCLUSION	
COMPLEX	

Notes: roadside survey, no access.

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>15</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>J. RAOBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

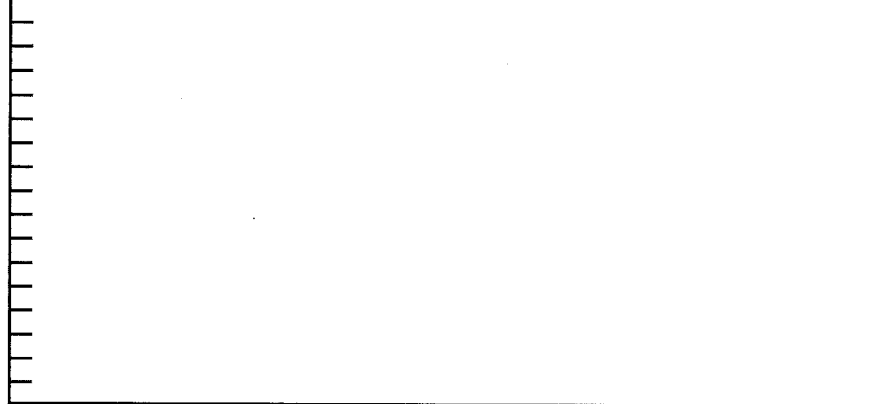
PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

--

COMMUNITY PROFILE DIAGRAM



Notes:

ELC
SOILS ONTARIO

SITE: NORTHLAND
POLYGON: 15
DATE: Sept. 13/11
SURVEYOR(S): D. EVANS, T. RADBURN

Slope _____ UTM _____

	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON					
	N/A				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEY					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					

SOIL SURVEY MAP					
LEGEND CLASS					

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
POLYGON: 15
DATE: Sept 13/11
SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Pine	O				
Red Cedar		R	O		
Man Maple	O	O			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Willow Sp	R	O			
Sumac			O		
Goldenrod			O		
Buckhorn			O		
R.O. Dogwood			O		
Apple sp.	R	R			
L. White Aster				O	
wild grape	R	O			

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>15</u>				
	DATE: <u>Sept. 13/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>15</u>	
	DATE: <u>Sept. 13/11</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): 20 CLOUD (10th): 10 WIND: 1 PRECIPITATION: None

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>16</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

		Slope			UTM					
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	<u>A</u>				<u>9</u>					
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	<u>Cl</u>				
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF	1	2	3	4	5
MOTTLES	<u>2cm</u>				
GLEYS					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>16</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Black Walnut		R			
Sugar Maple	A	A	O		
W. Ash	O	O	O		
Basswood		O			
Poplar Sp.	R	R			
Red Maple	O	O	R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Jacinto Plant				R	
Aster Sp.				A	
Buckthorn			O		
Golden rod				O	
Big Bear (fox)				O	
Poison Ivy				O	
Clover Sp.				R	
Carex deweyana				R	
dandelion				R	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>16</u>			
		DATE: <u>Sept. 13/11</u>			
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>16</u>			
		DATE: <u>Sept. 13/11</u>			
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>			
START TIME:		END TIME:			
TEMP (°C): <u>20</u>	CLOUD (10th): <u>10</u>	WIND: <u>4</u>	PRECIPITATION: <u>none</u>		
CONDITIONS:					

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>17</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

	Slope				UTM						
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A					4					
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	<u>LS</u>				
	COURSE FRAGMENTS	<u>none</u>				
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEY					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS	<u>1cm</u>				
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>17</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Sugar maple	A	A	O		
Red oak			R		
W. Ash	R	O	O		
Beech	O	A	A		
Ironwood		O	O		
Blue Beech		R	R		
Chokecherry			O		
Hemlock		R		R	
Basswood	O	O	O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Silphium's Seal				R	
Carex Rodinensis				R	
Gooseberry				R	
Wood Fern				R	
Jack-in-the-pulpit				R	
Christmas Fern				R	
horetail				R	
lily of the valley				R	
sens. Fern				R	
Garlic Mustard				R	

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>19 + 19a (W-018)</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	DATE: <u>Sept 13/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> LACUSTRINE	<input checked="" type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> PLANKTON	<input checked="" type="checkbox"/> LAKE
<input checked="" type="checkbox"/> WETLAND	<input checked="" type="checkbox"/> MINERAL SOIL	<input checked="" type="checkbox"/> RIVERINE	<input checked="" type="checkbox"/> CULTURAL	<input checked="" type="checkbox"/> SUBMERGED	<input checked="" type="checkbox"/> POND
<input checked="" type="checkbox"/> AQUATIC	<input checked="" type="checkbox"/> PARENT MIN.	<input checked="" type="checkbox"/> BOTTOMLAND		<input checked="" type="checkbox"/> FLOATING-LVD.	<input checked="" type="checkbox"/> RIVER
	<input checked="" type="checkbox"/> ACIDIC BEDRK.	<input checked="" type="checkbox"/> TERRACE		<input checked="" type="checkbox"/> GRAMINOID	<input checked="" type="checkbox"/> STREAM
	<input checked="" type="checkbox"/> BASIC BEDRK.	<input checked="" type="checkbox"/> VALLEY SLOPE		<input checked="" type="checkbox"/> FORB	<input checked="" type="checkbox"/> MARSH
	<input checked="" type="checkbox"/> CARB. BEDRK.	<input checked="" type="checkbox"/> TABLELAND		<input checked="" type="checkbox"/> LICHEN	<input checked="" type="checkbox"/> SWAMP
		<input checked="" type="checkbox"/> ROLL. UPLAND		<input checked="" type="checkbox"/> BRYOPHYTE	<input checked="" type="checkbox"/> FEN
		<input checked="" type="checkbox"/> CLIFF		<input checked="" type="checkbox"/> DECIDUOUS	<input checked="" type="checkbox"/> BOG
		<input checked="" type="checkbox"/> TALUS		<input checked="" type="checkbox"/> CONIFEROUS	<input checked="" type="checkbox"/> BARREN
		<input checked="" type="checkbox"/> CREVICE / CAVE		<input checked="" type="checkbox"/> MIXED	<input checked="" type="checkbox"/> MEADOW
		<input checked="" type="checkbox"/> ALVAR			<input checked="" type="checkbox"/> PRAIRIE
		<input checked="" type="checkbox"/> ROCKLAND	<input checked="" type="checkbox"/> COVER		<input checked="" type="checkbox"/> THICKET
		<input checked="" type="checkbox"/> BEACH / BAR	<input checked="" type="checkbox"/> OPEN		<input checked="" type="checkbox"/> SAVANNAH
		<input checked="" type="checkbox"/> SAND DUNE	<input checked="" type="checkbox"/> SHRUB		<input checked="" type="checkbox"/> WOODLAND
		<input checked="" type="checkbox"/> BLUFF	<input checked="" type="checkbox"/> TREED		<input checked="" type="checkbox"/> FOREST
					<input checked="" type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (-> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	1	2	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	3	

HT CODES: 1 = >25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input checked="" type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input checked="" type="checkbox"/> 25 - 50	<input checked="" type="checkbox"/> > 50
STANDING SNAGS:	<input checked="" type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input checked="" type="checkbox"/> 25 - 50	<input checked="" type="checkbox"/> > 50
DEADFALL / LOGS:	<input checked="" type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input checked="" type="checkbox"/> 25 - 50	<input checked="" type="checkbox"/> > 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input checked="" type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = <u>—</u>	G = <u>—</u>
MOISTURE:	DEPTH OF ORGANICS:	<u>—</u> (cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	<u>—</u> (cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	<u>F0</u>
COMMUNITY SERIES:	<u>F0D</u>
ECOSITE:	<u>F0D4</u>
VEGETATION TYPE:	<u>Dry-Fresh white Ash Deciduous Forest Type</u>
<input checked="" type="checkbox"/> INCLUSION	<u>Coniferous Plantation</u>
COMPLEX	<u>CUP3</u>

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>19 + 19a</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

SPECIES	PRISM FACTOR					TOTAL	REL. AVG
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
DATA							
N/A							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>20</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADDURN, D. EVANS</u>

P/A	PP	Dr	Position	Aspect	Slope			UTM		
					%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE						
	COURSE FRAGMENTS						
B	TEXTURE						
	COURSE FRAGMENTS						
C	TEXTURE						
	COURSE FRAGMENTS						
	EFFECTIVE TEXTURE						
	SURFACE STONINESS						
	SURFACE ROCKINESS						

DEPTH TO / OF							
	MOTTLES						
	GLEYS						
	BEDROCK						
	WATER TABLE						
	CARBONATES						
	DEPTH OF ORGANICS						
	PORE SIZE DISC #1						
	PORE SIZE DISC #2						
	MOISTURE REGIME						

SOIL SURVEY MAP							
LEGEND CLASS							

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>20</u>
	DATE: <u>Sept. 13/11</u>
	SURVEYOR(S): <u>T. RADDURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	

SPECIES CODE	LAYER				COL.
	1	2	3	4	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>20</u>				
	DATE: <u>Sept. 13/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>20</u>	
	DATE: <u>Sept. 13/11</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): 19 CLOUD (10th): 10 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:			
VERNAL POOLS		SNAGS	
HIBERNACULA		FALLEN LOGS	

SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#

- FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER
- EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE
- BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST
- BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY
- OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 21 (W-023)	
	SURVEYOR(S): T. RADBUCK, P. EVANS	DATE: Sept 14/11	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC	<input type="checkbox"/> ORGANIC <input type="checkbox"/> MINERAL SOIL. <input type="checkbox"/> PARENT MIN. <input type="checkbox"/> ACIDIC BEDRK. <input type="checkbox"/> BASIC BEDRK. <input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLL, UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALUS <input type="checkbox"/> CREVICE / CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH / BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING-LVD. <input type="checkbox"/> GRAMINOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	<input type="checkbox"/> LAKE <input type="checkbox"/> POND <input type="checkbox"/> RIVER <input type="checkbox"/> STREAM <input type="checkbox"/> MARSH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRAIRIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE					
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WATER <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	6	1	

HT CODES: 1 = >25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m
 CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS:

0	< 10	A	10 - 24	A	25 - 50	N	> 50
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STANDING SNAGS:

0	< 10	R	10 - 24	R	25 - 50	N	> 50
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DEADFALL / LOGS:

A	< 10	G	10 - 24	R	25 - 50	N	> 50
---	------	---	---------	---	---------	---	------

ABUNDANCE CODES: N = NONE R = RARE 0 = OCCASIONAL A = ABUNDANT

COMM. AGE:

	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE <input checked="" type="checkbox"/>	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = none	G = none
MOISTURE:	DEPTH OF ORGANICS:	3	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	-	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	F0m F0m3
VEGETATION TYPE:	F0m3-1 Dry-Fresh Hardwood - Hemlock mixed forest type
INCLUSION	* SW 02-2: Greenish mineral
COMPLEX	Deciduous Swamp

Notes:

22/11/12
 * Revised to include ELC SWDZ-2 based off of more recent field studies.

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 21
	DATE: Sept 14/11
	SURVEYOR(S): T. RADBUCK, P. EVANS

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
<i>N/A</i>							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes: site is very homocky. Bed appear on tops of hummocks only.

ELC
SOILS ONTARIO

SITE: NORTHLAND
 POLYGON: 21
 DATE: Sept. 14/11
 SURVEYOR(S): T. RADBURN, D. EVANS

Slope UTM

P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL TEXTURE x HORIZON	SOIL				
	1	2	3	4	5
A	3cm				
B	15cm				
C	42cm				

A	TEXTURE	LS			
	COURSE FRAGMENTS	none			
B	TEXTURE	LS			
	COURSE FRAGMENTS	none			
C	TEXTURE	MS			
	COURSE FRAGMENTS	none			
	EFFECTIVE TEXTURE				
	SURFACE STONINESS	—			
	SURFACE ROCKINESS	—			

DEPTH TO / OF					
MOTTLES	none				
GLEYS	none				
BEDROCK	—				
WATER TABLE	—				
CARBONATES	—				
DEPTH OF ORGANICS	3cm				
PORE SIZE DISC #1	—				
PORE SIZE DISC #2	—				
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
 POLYGON: 21
 DATE: Sept 14/11
 SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER

ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Hemlock	O	A	O		
Beech		R	R		
Red Maple	O	O	O		
W ASH	O	O	O		
Yellow Birch		R			
Elm		R			
R. Walnut		R			
Beech	O	O	O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Shingna Nettle				O	
Blue Bonnet				O	
Jack in the pulpit				R	
Flowering Dogwood			R		
Spore Fern			R	R	
Wild grape			R		
Clover Sp.				R	
Wood Fern				R	
Wild Robert				R	

little to no ground cover

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>21</u>			
		DATE: <u>Sept. 14/11</u>			
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	<u>SELECTIVE</u>	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	<u>MODERATE</u>	HEAVY	
EXTENT OF DUMPING	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>	
		POLYGON: <u>21</u>	
		DATE: <u>Sept 21/11</u>	
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
		START TIME:	END TIME:

TEMP (°C): <u>13</u>	CLOUD (10th): <u>0</u>	WIND: <u>1</u>	PRECIPITATION: <u>None</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input checked="" type="checkbox"/>	HIBERNACULA (<u>potential</u>)	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>ROCH</u>	<u>VO</u>							
	<u>YAWA</u>	<u>VO</u>							
	<u>BLJA</u>	<u>VO</u>							
	<u>AMCR</u>	<u>VO</u>							

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

Debris pile could act as hibernacula.

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 22 (W-020)
	SURVEYOR(S): D. RADBURN, D. EVANS	DATE: Sept 14/11
	UTMZ:	UTME:
	UTMN:	UTMN:

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 22
	DATE: Sept 14/11
	SURVEYOR(S): T. RADBURN, D. EVANS

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL. UPLAND		G BRYOPHYTE	G FEN
SITE		G CLIFF	COVER	G DECIDUOUS	G BOG
G OPEN WATER		G TALUS	G OPEN	G CONIFEROUS	G BARREN
G SHALLOW WATER		G CREVICE / CAVE	G SHRUB	G MIXED	G MEADOW
G SURFICIAL DEP.		G ALVAR	G TREED		G PRAIRIE
G BEDROCK		G ROCKLAND			G THICKET
		G BEACH / BAR			G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1	CANOPY	2 3	
2	SUB-CANOPY	2 4	
3	UNDERSTOREY	3 3	
4	GRD. LAYER	6 3	

HT CODES: 1=>25m 2=10<HT≤25m 3=2<HT≤10m 4=1<HT≤2m 5=0.5<HT≤1m 6=0.2<HT≤0.5m 7=HT<0.2m
CVR CODES 0=NONE 1=0%<CVR≤10% 2=10<CVR≤25% 3=25<CVR≤60% 4=CVR>60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS:	O	< 10	O	10 - 24	O	25 - 50	N	> 50
STANDING SNAGS:	O	< 10	R	10 - 24	R	25 - 50	N	> 50
DEADFALL / LOGS:	A	< 10	O	10 - 24	N	25 - 50	N	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/>	MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE: -	DEPTH TO MOTTLES / GLEY	g = -	G = -
MOISTURE: -	DEPTH OF ORGANICS:	-	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	-	(cm)

COMMUNITY CLASSIFICATION: ELC CODE

COMMUNITY CLASS:	FO
COMMUNITY SERIES:	FOD
ECOSITE: Dry-Fresh Deciduous Forest type	FOD4
VEGETATION TYPE:	N/A
INCLUSION	
COMPLEX	

Notes: **Roadside survey, no access.** †

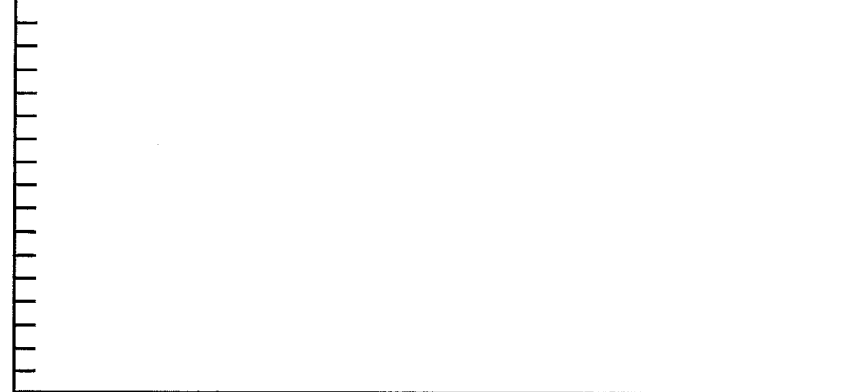
TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM



Notes:

ELC
SOILS ONTARIO

SITE: NORTHLAND
 POLYGON: 22
 DATE: Sept 14/11
 SURVEYOR(S): T. RADBURN, D. EVANS

			Slope				UTM			
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL		1	2	3	4	5
TEXTURE x HORIZON		<u>MAX</u>				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
	MOTTLES					
	GLEYS					
	BEDROCK					
	WATER TABLE					
	CARBONATES					
	DEPTH OF ORGANICS					
	PORE SIZE DISC #1					
	PORE SIZE DISC #2					
	MOISTURE REGIME					
SOIL SURVEY MAP						
LEGEND CLASS						

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
 POLYGON: 22
 DATE: Sept 14/11
 SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Sycamore	R				
Basswood		O	O		
Bl. Beech		O	O		
Red Maple	A	A	O		
Beech	R	O	R		
W.Ash	R	O	O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Wild grape				R	
String Nettle				O	
Corex Sp.				O	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>				
		POLYGON: <u>22</u>				
		DATE: <u>sept. 14/11</u>				
		SURVEYOR(S): <u>T. RAD BURN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †	
TIME SINCE LOGGING	>30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS		
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT		
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE		
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR		
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
NOISE	NONE	SLIGHT	MODERATE	INTENSE		
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FIRE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
OTHER	NONE	LIGHT	MODERATE	HEAVY		
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>	
		POLYGON: <u>22</u>	
		DATE: <u>sept. 14/11</u>	
		SURVEYOR(S): <u>T. RAD BURN, D. EVANS</u>	
		START TIME:	END TIME:
TEMP (°C):	<u>13°</u>	CLOUD (10th):	<u>0</u>
WIND:	<u>1</u>	PRECIPITATION:	<u>None</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>		<u>noted</u>						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>		POLYGON: <u>23 (AG-D27)</u>	
	SURVEYOR(S): <u>T. RADBURN D. EVANS</u>	DATE: <u>Sept 14/11</u>	TIME: <u>start</u> finish	
	UTMZ:	UTME:	UTMN:	

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>		POLYGON: <u>23</u>	
	DATE: <u>Sept. 14/11</u>		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC	<input type="checkbox"/> ORGANIC <input checked="" type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MIN. <input type="checkbox"/> ACIDIC BEDRK. <input type="checkbox"/> BASIC BEDRK. <input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> LACUSTRINE RIVERINE <input type="checkbox"/> BOTTOMLAND TERRACE <input type="checkbox"/> VALLEY SLOPE TABLELAND <input type="checkbox"/> ROLL. UPLAND CLIFF <input type="checkbox"/> TALUS CREVICE / CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH / BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input checked="" type="checkbox"/> NATURAL <input checked="" type="checkbox"/> CULTURAL <input type="checkbox"/> COVER <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON SUBMERGED <input type="checkbox"/> FLOATING-LVD. <input type="checkbox"/> GRAMINOID FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	<input type="checkbox"/> LAKE POND <input type="checkbox"/> RIVER <input type="checkbox"/> STREAM <input type="checkbox"/> MARSH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN MEADOW <input type="checkbox"/> PRAIRIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE					
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WATER <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)			
1 CANOPY						
2 SUB-CANOPY						
3 UNDERSTOREY						
4 GRD. LAYER	6	4				

HT CODES: 1 = >25 m 2 = 10 < HT ≤ 25 m 3 = 2 < HT ≤ 10 m 4 = 1 < HT ≤ 2 m 5 = 0.5 < HT ≤ 1 m 6 = 0.2 < HT ≤ 0.5 m 7 = HT < 0.2 m
 CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	N	< 10	N	10 - 24	N	25 - 50	N	> 50
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STANDING SNAGS:	N	< 10	N	10 - 24	N	25 - 50	N	> 50
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DEADFALL / LOGS:	N	< 10	N	10 - 24	N	25 - 50	N	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input checked="" type="checkbox"/>	PIONEER	<input type="checkbox"/>	YOUNG	<input type="checkbox"/>	MID-AGE	<input type="checkbox"/>	MATURE	<input type="checkbox"/>	<input type="checkbox"/>	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

ELC CODE

COMMUNITY CLASS:		C0
COMMUNITY SERIES:		Cum
ECOSITE:		Cum1
VEGETATION TYPE:	Dry-moist old field meadow type	Cum1-1
INCLUSION	* HAY	
COMPLEX		

Notes: Roadside survey. no access.

* 22/11/12: Revised to specify 'Hay' based off of more recent field studies.

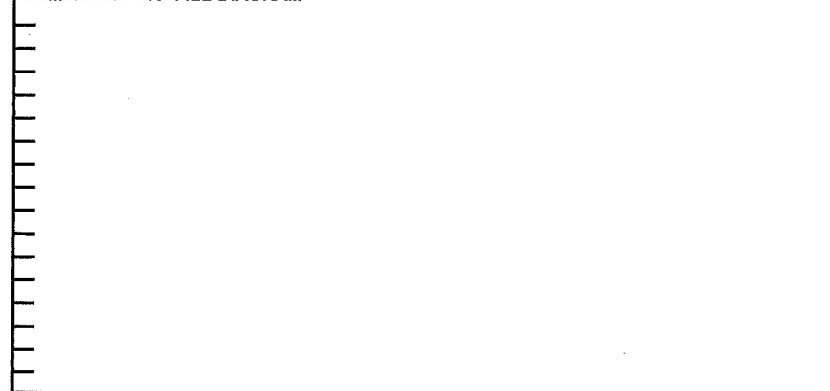
TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM

Notes:

ELC
SOILS ONTARIO

SITE: NORTHLAND
POLYGON: 23
DATE: Sept. 14/11
SURVEYOR(S): T. RADBURN, D. EVANS

Slope							UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON	<i>N/A</i>				

A	TEXTURE				
	COURSE FRAGMENTS				
B	TEXTURE				
	COURSE FRAGMENTS				
C	TEXTURE				
	COURSE FRAGMENTS				
	EFFECTIVE TEXTURE				
	SURFACE STONINESS				
	SURFACE ROCKINESS				

DEPTH TO / OF					
	MOTTLES				
	GLEYS				
	BEDROCK				
	WATER TABLE				
	CARBONATES				
	DEPTH OF ORGANICS				
	PORE SIZE DISC #1				
	PORE SIZE DISC #2				
	MOISTURE REGIME				

SOIL SURVEY MAP				
LEGEND CLASS				

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
POLYGON: 23
DATE: Sept 14 / 11
SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<i>Ragweed</i>				O	
<i>Goldenrod</i>				O	
<i>Burdock</i>				O	
<i>Yellow hawweed</i>				O	
<i>O.A. Lace</i>				O	
<i>Lamb's ear</i>				R	
<i>Grass Sp.</i>				O	
<i>Jardelion</i>				O	
<i>Milkweed</i>				O	
<i>clover</i>				O	
<i>wild grape</i>				R	
<i>white clover</i>				O	
<i>thistle</i>				O	
<i>vetch</i>				O	
<i>Soybean</i>				R	
<i>Clique soil</i>				R	

SPECIES CODE	LAYER				COL.
	1	2	3	4	

ELC MANAGEMENT / DISTURBANCE		SITE: NORTHLAND			
		POLYGON: 23			
		DATE: Sept. 14/11			
		SURVEYOR(S): T. RADBURN, D. EVANS			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	<30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: NORTHLAND	
		POLYGON: 23	
		DATE: Sept. 14/11	
		SURVEYOR(S): T. RADBURN, D. EVANS	
		START TIME:	END TIME:

TEMP (°C): 15 CLOUD (10th): 0 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none								
	noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>24</u>
	DATE: <u>Sept 14/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

P/A	PP	Dr	Slope				UTM				
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1	A				4						
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON					

A	TEXTURE	<u>SiL</u>				
	COURSE FRAGMENTS	<u>none</u>				
B	TEXTURE	<u>—</u>				
	COURSE FRAGMENTS	<u>—</u>				
C	TEXTURE	<u>—</u>				
	COURSE FRAGMENTS	<u>—</u>				
	EFFECTIVE TEXTURE					
	SURFACE STONINESS	<u>—</u>				
	SURFACE ROCKINESS	<u>—</u>				

DEPTH TO / OF					
MOTTLES	<u>—</u>				
GLEYS	<u>—</u>				
BEDROCK	<u>—</u>				
WATER TABLE	<u>—</u>				
CARBONATES	<u>—</u>				
DEPTH OF ORGANICS	<u>1cm</u>				
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>24</u>
	DATE: <u>Sept 14/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<u>Slane Maple</u>	<u>0</u>	<u>0</u>	<u>0</u>		
<u>Am. Beech</u>	<u>R</u>	<u>0</u>	<u>0</u>		
<u>W. Birch</u>		<u>R</u>			
<u>Bl. Beech</u>		<u>0</u>			
<u>W. Ash</u>	<u>0</u>	<u>0</u>	<u>0</u>		
<u>Basswood</u>		<u>0</u>	<u>0</u>		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<u>Sack in the pot</u>				<u>R</u>	
<u>wild grape</u>			<u>0</u>		
<u>nannyberry</u>			<u>0</u>		
<u>chusnut plant</u>				<u>0</u>	
<u>Carex Rosi</u>				<u>0</u>	
<u>Carex Radclif</u>				<u>0</u>	

ELC MANAGEMENT / DISTURBANCE	SITE: <i>NORTHLAND</i>				
	POLYGON: <i>24</i>				
	DATE: <i>Sept. 14/11</i>				
	SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

evidence of hunting

ELC WILDLIFE	SITE: <i>NORTHLAND</i>	
	POLYGON: <i>24</i>	
	DATE: <i>Sept. 14/11</i>	
	SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>	
START TIME:	END TIME:	

TEMP (°C): <i>15</i>	CLOUD (10th): <i>0</i>	WIND:	PRECIPITATION: <i>none</i>
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS
<input type="checkbox"/>		<input type="checkbox"/>	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<i>none</i>		<i>noted</i>						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC
 COMMUNITY DESCRIPTION & CLASSIFICATION

SITE: NORTHLAND
 SURVEYOR(S): TRADBURN, D. EVANS
 DATE: Sept 14/11
 TIME: start finish
 POLYGON: 25 (W-036)
 UTMZ: UTME: UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE RIVERINE	G NATURAL	G PLANKTON SUBMERGED	G LAKE POND
G WETLAND	G MINERAL SOIL	G BOTTOMLAND	G CULTURAL	G FLOATING-LVD.	G RIVER
G AQUATIC	G PARENT MIN.	G TERRACE		G GRAMINOID	G STREAM
	G ACIDIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G BASIC BEDRK.	G TABLELAND		G LICHEN	G SWAMP
	G CARB. BEDRK.	G ROLL. UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
		G TALUS		G MONIFEROUS	G BARREN
		G CREVICE / CAVE		G MIXED	G MEADOW
		G ALVAR			G PRAIRIE
		G ROCKLAND			G THICKET
		G BEACH / BAR			G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp)
1 CANOPY	1	3	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	6	3	

HT CODES: 1=>25 m 2=10<HT<25 m 3=2<HT<10 m 4=1<HT<2 m 5=0.5<HT<1 m 6=0.2<HT<0.5 m 7=HT<0.2 m

CVR CODES 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS:

O	< 10	A	10 - 24	A	25 - 50	R	> 50
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STANDING SNAGS:

O	< 10	R	10 - 24	N	25 - 50	N	> 50
---	------	---	---------	---	---------	---	------

DEADFALL / LOGS:

A	< 10	R	10 - 24	N	25 - 50	N	> 50
---	------	---	---------	---	---------	---	------

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:

	PIIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G=
MOISTURE:	DEPTH OF ORGANICS:		(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:		(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	F0D
VEGETATION TYPE:	F0D4
	Dry - Fresh white Ash Deciduous Forest Type
INCLUSION	F0D4-2
COMPLEX	

Notes: Roadside survey, no access.

ELC
 STAND CHARACTERISTICS

SITE: NORTHLAND
 POLYGON: 25
 DATE: Sept 14/11
 SURVEYOR(S): TRADBURN, D. EVANS

TREE TALLY BY SPECIES:

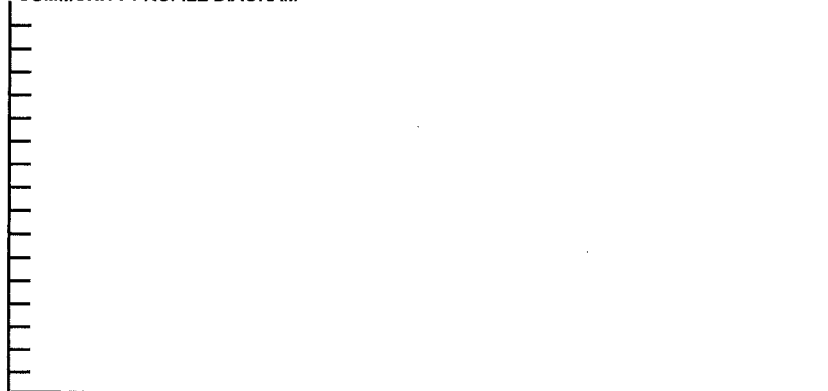
PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

Empty box for stand composition details.

COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>25</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>T. RADURN, D. EVANS</u>

	Slope					UTM					
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES						
GLEYS						
BEDROCK						
WATER TABLE						
CARBONATES						
DEPTH OF ORGANICS						
PORE SIZE DISC #1						
PORE SIZE DISC #2						
MOISTURE REGIME						

SOIL SURVEY MAP						
LEGEND CLASS						

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>25</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>T. RADURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Hemlock		R	R		
B. Cherry	O	O	R		
Sugar Maple		O	O		
W. Ash	A	O	O		
W. Birch		R	R		
Red Maple	R	R	R		
Sumac			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
red rasp.			O		
Sackintheplot				R	
L.W. Aster				O	
N.E. Aster				O	
Carex sp.				O	
Burdock				R	
R.L. Hepatics				O	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>25</u>				
	DATE: <u>Sept 14/11</u>				
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF REGR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>25</u>	
	DATE: <u>Sept 14/11</u>	
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): <u>15</u>	CLOUD (10th): <u>0</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:	
<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS
<input type="checkbox"/>	<input type="checkbox"/>

SPECIES LIST:										
TY	SP. CODE	EV	NOTES	#		TY	SP. CODE	EV	NOTES	#
	<u>AMCR</u>	<u>VO</u>								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE FS = FOOD/FAECAL SACK
 SI = OTHER SIGNS (specify) SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>		POLYGON: <u>26 / W-030</u>	
	SURVEYOR(S): <u>T. RABURN D. EVANS</u>		DATE: <u>Sept 14 / 11</u>	TIME: start
	UTMZ:		UTME:	
	UTMN:		finish	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input checked="" type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
SITE		<input type="checkbox"/> CLIFF	COVER	<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
<input type="checkbox"/> OPEN WATER		<input type="checkbox"/> TALUS	<input type="checkbox"/> OPEN	<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
<input type="checkbox"/> SHALLOW WATER		<input type="checkbox"/> CREVICE / CAVE	<input type="checkbox"/> SHRUB	<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
<input type="checkbox"/> SURFICIAL DEP.		<input type="checkbox"/> ALVAR	<input type="checkbox"/> TREED		<input type="checkbox"/> PRAIRIE
<input type="checkbox"/> BEDROCK		<input type="checkbox"/> ROCKLAND			<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR			<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE			<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	22	3	
2 SUB-CANOPY	22	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	3	

HT CODES: 1 = >25 m 2 = 10 < HT < 25 m 3 = 2 < HT < 10 m 4 = 1 < HT < 2 m 5 = 0.5 < HT < 1 m 6 = 0.2 < HT < 0.5 m 7 = HT < 0.2 m
 CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	A	< 10	A	10 - 24	O	25 - 50	R	> 50
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STANDING SNAGS:		< 10		10 - 24		25 - 50		> 50
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DEADFALL / LOGS:		< 10		10 - 24		25 - 50		> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	<input checked="" type="checkbox"/> YOUNG	MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	—	G =	—
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MOISTURE:	DEPTH OF ORGANICS:	—	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	—	(cm)
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COMMUNITY CLASSIFICATION:

ELC CODE

COMMUNITY CLASS:		FO
COMMUNITY SERIES:		FOD
ECOSITE:		FOD4
VEGETATION TYPE:	Dry-Fresh white Ash Deciduous forest type	FOD4-2
INCLUSION	vFOD3-1 : Dry-Fresh Poplar Deciduous Forest	
COMPLEX		

Notes: Roadside Survey, no access

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>26</u>	
	DATE: <u>Sept 14 / 11</u>	
	SURVEYOR(S): <u>T. RABURN D. EVANS</u>	

TREE TALLY BY SPECIES:

PRISM FACTOR							TOTAL	REL. AVG
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5			
N/A								
TOTAL							100	
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:
 x 22/11/12 : ELC revised based off of more recent field study.
 (see Ecological Land Classification Aerial photo #3c)

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>26</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>T. RAD BURN, D. EVANS</u>

P/A	PP	Dr	Slope					UTM			
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON					
	N/A				

A	TEXTURE				
	COURSE FRAGMENTS				
B	TEXTURE				
	COURSE FRAGMENTS				
C	TEXTURE				
	COURSE FRAGMENTS				
	EFFECTIVE TEXTURE				
	SURFACE STONINESS				
	SURFACE ROCKINESS				

DEPTH TO / OF					
	MOTTLES				
	GLEY				
	BEDROCK				
	WATER TABLE				
	CARBONATES				
	DEPTH OF ORGANICS				
	PORE SIZE DISC #1				
	PORE SIZE DISC #2				
	MOISTURE REGIME				
	SOIL SURVEY MAP				
	LEGEND CLASS				

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>26</u>
	DATE: <u>Sept 14/11</u>
	SURVEYOR(S): <u>T. RAD BURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Ash	A	A	O		
(cedar E.W.)			R		
Sugar Maple	R				East side only
W. Birch					
Hemlock		R	R		
Sumac			R		
Willow sp.		R	R		
Buckthorn			R		
Tamarack		R			
Frembling Aspen	A	A	O		
Poplar Sp.	A	A	O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				R	
wild grape				R	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>				
		POLYGON: <u>26</u>				
		DATE: <u>Sept 14/11</u>				
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †	
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS		
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT		
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE		
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR		
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
NOISE	NONE	SLIGHT	MODERATE	INTENSE		
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FIRE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
OTHER	NONE	LIGHT	MODERATE	HEAVY		
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>	
		POLYGON: <u>26</u>	
		DATE: <u>Sept 14/11</u>	
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
		START TIME:	END TIME:

TEMP (°C): <u>17</u>	CLOUD (10th): <u>1</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <i>NORTHLAND</i>		POLYGON: <i>27 (WE-003, W-029)</i>	
	SURVEYOR(S): <i>T. RAOBURN D. EVANS</i>	DATE: <i>Sept. 14/11</i>	TIME: start finish	
	UTMZ: _____	UTME: _____	UTMN: _____	

ELC STAND CHARACTERISTICS	SITE: <i>NORTHLAND</i>		
	POLYGON: <i>27</i>		
	DATE: <i>Sept 14/11</i>		
	SURVEYOR(S): <i>T. RAOBURN, D. EVANS</i>		

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC	<input type="checkbox"/> ORGANIC <input type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MIN. <input type="checkbox"/> ACIDIC BEDRK. <input type="checkbox"/> BASIC BEDRK. <input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLL UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALUS <input type="checkbox"/> CREVICE / CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH / BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING-LVD. <input type="checkbox"/> GRAMINOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	<input type="checkbox"/> LAKE <input type="checkbox"/> POND <input type="checkbox"/> RIVER <input type="checkbox"/> STREAM <input type="checkbox"/> MARSH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRAIRIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE					
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WATER <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK					

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	6	3	

HT CODES: 1 =>25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m
CVR CODES: 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS:

0	< 10	A	10 - 24	A	25 - 50	R	> 50
---	------	---	---------	---	---------	---	------

STANDING SNAGS:

0	< 10	R	10 - 24	R	25 - 50	R	> 50
---	------	---	---------	---	---------	---	------

DEADFALL / LOGS:

0	< 10	R	10 - 24	R	25 - 50	R	> 50
---	------	---	---------	---	---------	---	------

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:

	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input checked="" type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
--	----------------------------------	--------------------------------	----------------------------------	--	-------------------------------------

SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS: (cm)		
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK: (cm)		

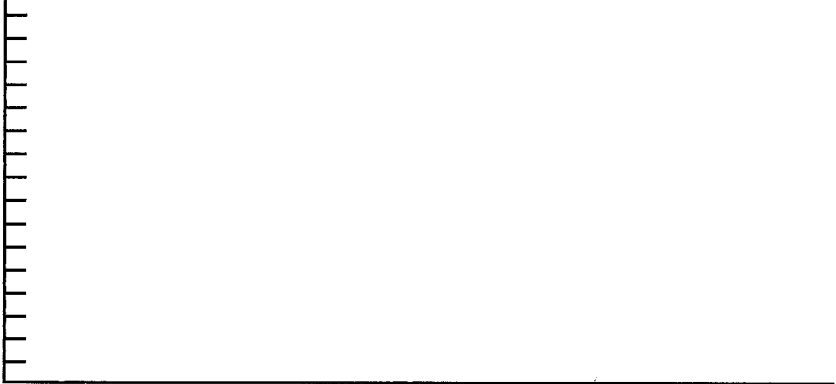
COMMUNITY CLASSIFICATION: ELC CODE

COMMUNITY CLASS:	<i>F0</i>
COMMUNITY SERIES:	<i>F00</i>
ECOSITE:	<i>F005</i>
VEGETATION TYPE:	<i>Dry-Fresh Sugar Maple - White Ash Deciduous Forest</i> <i>F000-8</i>
INCLUSION	<i>φ S/WDZ-2: Green Ash Mineral Deciduous Forest</i>
COMPLEX	<i>φ Some areas φomb-1: Fresh, moist Sugar Maple - Hemlock Mixed Forest</i>

Notes: *moist Sugar Maple - Hemlock Mixed Forest*

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM



Notes:
** 20/11/12: ELC revised based off of more recent field studies.
(see Ecological land classification Aerial Photo 5c)*

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>27</u>				
	DATE: <u>Sept 14/11</u>				
	SURVEYOR(S): <u>D. EVANS, T. RADBORN</u>				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>27</u>	
	DATE: <u>Sept 14/11</u>	
	SURVEYOR(S): <u>T. RADBORN, D. EVANS</u>	
START TIME:	END TIME:	

TEMP (°C): <u>17</u>	CLOUD (10th): <u>1</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input checked="" type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC
SOILS ONTARIO

SITE: NORTHLAND
POLYGON: 28
DATE: Sept 14/11
SURVEYOR(S): T. RADBURN, D. EVANS

Slope UTM

P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1	A				12					
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>A</p> <p>B</p> </div> <div style="width: 25%;"> <p>6cm</p> <p>13cm</p> <p>-20cm mottles</p> <p>-57cm obstruction</p> </div> </div>				

A	TEXTURE	LFS				
	COURSE FRAGMENTS	None				
B	TEXTURE	FS				
	COURSE FRAGMENTS	None				
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES	20cm					
GLEYS						
BEDROCK						
WATER TABLE						
CARBONATES						
DEPTH OF ORGANICS	6cm					
PORE SIZE DISC #1						
PORE SIZE DISC #2						
MOISTURE REGIME						

SOIL SURVEY MAP						
LEGEND CLASS						

ELC
PLANT SPECIES LIST

SITE: NORTHLAND
POLYGON: 28
DATE: Sept. 14/11
SURVEYOR(S): TRADURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Hemlock		R	O		
W. Ash		O	O		
W. Birch		O			
Basswood		R	R		
Am Beech		R	R		
Sugar Maple		R	R		
Cottonwood	D	R			
bl walnut		R			
blue beech			R		
Rohr St.		O	O		
Trembling Aspen		O	O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
R.L. Hepatica				R	
Spruce Fern				O	
Parasitic Fern				O	
Diamond's Seal				O	
marginal wood Rm				R	
Red Raspberry				A	
Witch Hazel			R		
Shining Nettle				R	
Poison Ivy				O	
Ground Juniper				R	
L.W. Aster				R	
Rocket			R		
goldenrod				A	

ELC MANAGEMENT / DISTURBANCE	SITE: NORTHLAND				SCORE †
	POLYGON: 28				
	DATE: Sept. 14/11				
	SURVEYOR(S): TRADOBURN, D. EVANS				
DISTURBANCE / EXTENT	0	1	2	3	
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: NORTHLAND		
	POLYGON: 28		
	DATE: Sept. 14/11		
	SURVEYOR(S): TRADOBURN, D. EVANS		
START TIME:	END TIME:		
TEMP (°C): 19	CLOUD (10th): 1	WIND: 1	PRECIPITATION: none
CONDITIONS:			
POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
B	BLOA	VO							

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 29 (WE-0 21, W-03)
	SURVEYOR(S): F. RABURN, D. EVANS	DATE: Sept. 14/11
	UTMZ:	UTME:
	UTMN:	TIME: start finish

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 29
	DATE: Sept 14/11
	SURVEYOR(S): F. RABURN, D. EVANS

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE RIVERINE G BOTTOMLAND TERRACE G VALLEY SLOPE G TABLELAND G ROLL. UPLAND G CLIFF G TALUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL COVER G OPEN G SHRUB G TREE	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	W	W	
2 SUB-CANOPY	W	W	
3 UNDERSTOREY	W	W	
4 GRD. LAYER	W	W	

HT CODES: 1 = >25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
--------------------	-----

SIZE CLASS ANALYSIS:	A	< 10	A	10 - 24	R	25 - 50	N	> 50
----------------------	---	------	---	---------	---	---------	---	------

STANDING SNAGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50
DEADFALL / LOGS:	W	< 10	W	10 - 24	W	25 - 50	W	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIIONEER	<input checked="" type="checkbox"/> YOUNG	MID-AGE	MATURE	OLD GROWTH
------------	----------	---	---------	--------	------------

SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	FO
COMMUNITY SERIES:	FOD
ECOSITE:	FOD3
VEGETATION TYPE:	Dry-Fresh Riparian Deciduous Forest Type FOD3-1
INCLUSION	
COMPLEX	

Notes: Roadside survey. No access.

TREE TALLY BY SPECIES:

SPECIES	PRISM FACTOR					TOTAL	REL. AVG
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

--

COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 29
	DATE: Sept. 14/11
	SURVEYOR(S): TRAUBURN, D. EVANS

			Slope			UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL TEXTURE x HORIZON	1	2	3	4	5
	NA				

A	TEXTURE				
	COURSE FRAGMENTS				
B	TEXTURE				
	COURSE FRAGMENTS				
C	TEXTURE				
	COURSE FRAGMENTS				
	EFFECTIVE TEXTURE				
	SURFACE STONINESS				
	SURFACE ROCKINESS				
DEPTH TO / OF					
	MOTTLES				
	GLEYS				
	BEDROCK				
	WATER TABLE				
	CARBONATES				
	DEPTH OF ORGANICS				
	PORE SIZE DISC #1				
	PORE SIZE DISC #2				
	MOISTURE REGIME				
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 29
	DATE: Sept. 14/11
	SURVEYOR(S): TRAUBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Birch		R			
Tending Aspen		O	A	O	
Cottonwood		R			
W Ash		O	O	O	
Willow		R	O	A	
Red Cedar			R		
Elm			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Redcedar				R	
wildgrape			O		
Goldenrod				O	
Q.A. Lace				R	

ELC MANAGEMENT / DISTURBANCE		SITE: NORTHLAND				
		POLYGON: 29				
		DATE: Sept. 14/11				
		SURVEYOR(S): TRADSBURN, D. EVANS				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †	
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS		
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT		
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE		
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT		
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR		
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
NOISE	NONE	SLIGHT	MODERATE	INTENSE		
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
FIRE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY		
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE		
OTHER	NONE	LIGHT	MODERATE	HEAVY		
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE		

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: NORTHLAND	
		POLYGON: 29	
		DATE: Sept. 14/11	
		SURVEYOR(S): TRADSBURN, D. EVANS	
		START TIME:	END TIME:

TEMP (°C): 20	CLOUD (10th): 1	WIND: 0	PRECIPITATION: none
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 50 (DC-026)	
	SURVEYOR(S): T. RADBURN, D. EVANS	DATE: Sept. 14/11	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL, UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
		G TALUS		G CONIFEROUS	G BARREN
		G CREVICE / CAVE	COVER	G MIXED	G MEADOW
		G ALVAR	G OPEN		G PRAIRIE
		G ROCKLAND	G SHRUB		G THICKET
		G BEACH / BAR	G TREE		G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	2	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	6	2	

HT CODES: 1 = >25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	R	< 10	O	10 - 24	A	25 - 50	R	> 50
STANDING SNAGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50
DEADFALL / LOGS:	O	< 10	O	10 - 24	N	25 - 50	N	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	MID-AGE	<input checked="" type="checkbox"/> MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	FOD
VEGETATION TYPE:	FOD7
INCLUSION:	FOD7-3
COMPLEX:	Fresh-moist willow lowland deciduous forest type + CUW1: mineral cultural wetlot ecosite Some FOD4: Dry-fresh upland deciduous forest ecosite

Notes: Roadside Survey, no access

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 50
	DATE: Sept 14/11
	SURVEYOR(S): T. RADBURN, D. EVANS

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG.
<i>K/D/A</i>							
						TOTAL	100
						BASAL AREA (BA)	
						DEAD	

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes: * 22/11/12: ELC revised based off of more recent field studies) (see Ecological Land Classification aerial photo #50)

ELC SOILS ONTARIO	SITE: <i>NORTHLAND</i>
	POLYGON: <i>30</i>
	DATE: <i>Sept. 14/11</i>
	SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>

		Slope					UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1											
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5
	<i>N/A</i>				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF	1	2	3	4	5
MOTTLES					
GLEYS					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					

SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <i>NORTHLAND</i>
	POLYGON: <i>30</i>
	DATE: <i>Sept 14/11</i>
	SURVEYOR(S): <i>T. RADBURN, D. EVANS</i>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<i>Willow</i>	<i>D</i>				
<i>B. Walnut</i>		<i>R</i>	<i>R</i>		
<i>Sugar maple</i>			<i>R</i>		
<i>W. Ash</i>		<i>R</i>	<i>R</i>		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
<i>wildgrape</i>		<i>R</i>	<i>D</i>	<i>R</i>	
<i>Goldenrod</i>				<i>R</i>	
<i>reed conygrass</i>				<i>R</i>	
<i>red raspberry</i>				<i>R</i>	
<i>L.w. Aster</i>				<i>R</i>	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>30</u>			
		DATE: <u>Sept 14/11</u>			
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	<u>30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<u>NONE</u>	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>	
		POLYGON: <u>35</u>	
		DATE: <u>Sept. 14/11</u>	
		SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>	
START TIME:		END TIME:	
TEMP (°C): <u>20</u>	CLOUD (10th): <u>3</u>	WIND: <u>0</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 31
	DATE: Sept. 14/11
	SURVEYOR(S): T. RADBURN, D. EVANS

	Slope					UTM					
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEY					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					

SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 31
	DATE: Sept. 14 / 11
	SURVEYOR(S): T. RADBURN, D. EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Pine		D			
Norway spruce		R			
Cedar			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	

ELC MANAGEMENT / DISTURBANCE		SITE: <i>NORTHLAND</i>			
		POLYGON: <i>31</i>			
		DATE: <i>Sept 14/11</i>			
		SURVEYOR(S): <i>T. RABBURN, D. EVANS</i>			
DISTURBANCE / EXTENT	<i>0</i>	1	2	3	SCORE †
TIME SINCE LOGGING	<i>> 30 YRS</i>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<i>NONE</i>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<i>NONE</i>	<i>SMALL</i>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<i>NONE</i>	<i>LOCAL</i>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<i>NONE</i>	<i>OCCASIONAL</i>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<i>NONE</i>	LOCAL	<i>WIDESPREAD</i>	EXTENSIVE	
PLANTING (PLANTATION)	<i>NONE</i>	OCCASIONAL	ABUNDANT	<i>DOMINANT</i>	
EXTENT OF PLANTING	<i>NONE</i>	LOCAL	WIDESPREAD	<i>EXTENSIVE</i>	
TRACKS AND TRAILS	<i>NONE</i>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<i>NONE</i>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <i>NORTHLAND</i>	
	POLYGON: <i>31</i>	
	DATE: <i>Sept 14/11</i>	
	SURVEYOR(S): <i>T. RABBURN, D. EVANS</i>	
	START TIME:	END TIME:

TEMP (°C): *20* CLOUD (10th): *3* WIND: *0* PRECIPITATION: *none*

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/>	VERNAL POOLS	<i>N</i>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<i>N</i>	FALLEN LOGS
<input type="checkbox"/>			

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<i>None noted</i>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND		POLYGON: 32 (00-02(b))	
	SURVEYOR(S): TRADURN, D'EVANS		DATE: Sept 14/11	TIME: start finish
	UTMZ:	UTME:	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE G RIVERINE G BOTTOMLAND G TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND G CLIFF G TALLUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE			COVER		
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK			G OPEN G SHRUB G TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	3	

HT CODES: 1 = >25 m 2 = 10 < HT ≤ 25 m 3 = 2 < HT ≤ 10 m 4 = 1 < HT ≤ 2 m 5 = 0.5 < HT ≤ 1 m 6 = 0.2 < HT ≤ 0.5 m 7 = HT < 0.2 m
CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	0	< 10	A	10 - 24	0	25 - 50	R	> 50
STANDING SNAGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50
DEADFALL / LOGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input checked="" type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g = -	G = -
MOISTURE:	DEPTH OF ORGANICS:	-	(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	-	(cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	CU
ECOSITE:	CW
VEGETATION TYPE:	CW1
	NIA
INCLUSION	
COMPLEX	

Notes:

ELC STAND CHARACTERISTICS	SITE: NORTHLAND	
	POLYGON: 32	
	DATE: Sept 14/11	
	SURVEYOR(S): TRADURN, D'EVANS	

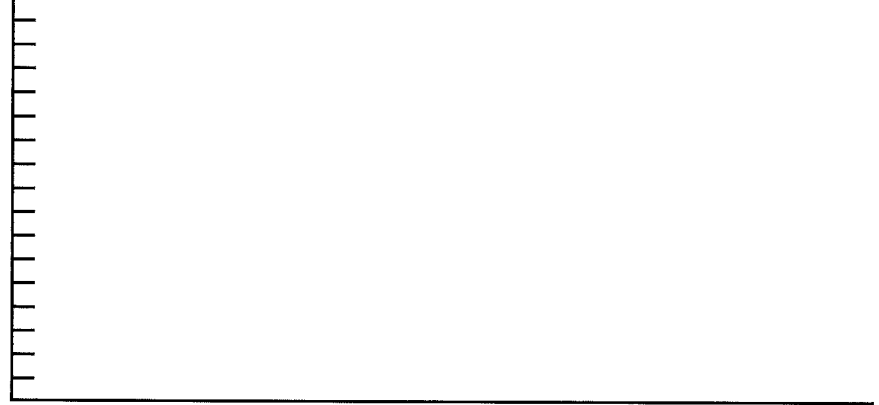
TREE TALLY BY SPECIES:

PRISM FACTOR								
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG	
TOTAL							100	
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 32
	DATE: Sept. 14/11
	SURVEYOR(S): TRADBURN, D EVANS

P/A	PP	Dr	Slope				UTM				
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1											
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5
	N/A				

A	TEXTURE							
	COURSE FRAGMENTS							
B	TEXTURE							
	COURSE FRAGMENTS							
C	TEXTURE							
	COURSE FRAGMENTS							
	EFFECTIVE TEXTURE							
	SURFACE STONINESS							
	SURFACE ROCKINESS							

DEPTH TO / OF								
MOTTLES								
GLEY								
BEDROCK								
WATER TABLE								
CARBONATES								
DEPTH OF ORGANICS								
PORE SIZE DISC #1								
PORE SIZE DISC #2								
MOISTURE REGIME								

SOIL SURVEY MAP								
LEGEND CLASS								

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 32
	DATE: Sept. 14/11
	SURVEYOR(S): TRADBURN, D EVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Trembling Aspen	O	O			
Sugar Maple	R	O	O		
Willow	R	O	O		
W. Spruce	R				
W. ASH	O	O	O		
Apple Sp.				R	

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod					D
wild grape					D
Sumac			O		

ELC MANAGEMENT / DISTURBANCE		SITE: <i>NORTHLAND</i>			
		POLYGON: <i>3a</i>			
		DATE: <i>Sept 14/11</i>			
		SURVEYOR(S): <i>TRADBURN, D'EVANS</i>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	<i>> 30 YRS</i>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<i>NONE</i>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<i>NONE</i>	SMALL	<i>INTERMEDIATE</i>	LARGE	
EXTENT OF GAPS	<i>NONE</i>	LOCAL	WIDESPREAD	<i>EXTENSIVE</i>	
LIVESTOCK (GRAZING)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<i>NONE</i>	<i>OCCASIONAL</i>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<i>NONE</i>	LOCAL	WIDESPREAD	<i>EXTENSIVE</i>	
PLANTING (PLANTATION)	<i>NONE</i>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<i>NONE</i>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<i>NONE</i>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <i>NORTHLAND</i>	
		POLYGON: <i>3a</i>	
		DATE: <i>Sept. 14/11</i>	
		SURVEYOR(S): <i>TRADBURN, D'EVANS</i>	
START TIME:		END TIME:	

TEMP (°C): *21* CLOUD (10th): *4* WIND: *1* PRECIPITATION: *none*

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<i>none noted</i>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND		POLYGON: 33 (WE-010)	
	SURVEYOR(S): TRAUBURN DEVANS	DATE: Sept 14/11	TIME: start	finish
	UTMZ:	UTME:	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL. UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
SITE		G TALUS	COVER	G CONIFEROUS	G BARREN
G OPEN WATER		G CREVICE / CAVE	G OPEN	G MIXED	G MEADOW
G SHALLOW WATER		G ALVAR	G SHRUB		G PRAIRIE
G SURFICIAL DEP.		G ROCKLAND	G TREED		G THICKET
G BEDROCK		G BEACH / BAR			G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	-	-	Unobservable

HT CODES: 1 => 25m 2 = 10<HT<25m 3 = 2<HT<10m 4 = 1<HT<2m 5 = 0.5<HT<1m 6 = 0.2<HT<0.5m 7 = HT<0.2m
CVR CODES: 0 = NONE 1 = 0% < CVR <= 10% 2 = 10 < CVR <= 25% 3 = 25 < CVR <= 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:

SIZE CLASS ANALYSIS:	<input type="checkbox"/>	< 10	<input type="checkbox"/>	10 - 24	<input type="checkbox"/>	25 - 50	N	> 50
STANDING SNAGS:	<input type="checkbox"/>	< 10	<input type="checkbox"/>	10 - 24	R	25 - 50	N	> 50
DEADFALL / LOGS:	<input type="checkbox"/>	< 10	<input type="checkbox"/>	10 - 24	<input type="checkbox"/>	25 - 50	<input type="checkbox"/>	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:		FO
COMMUNITY SERIES:		FOD
ECOSITE:		FOD4
VEGETATION TYPE:	Dry-fresh white ash deciduous Forest Type	FOD4-2
INCLUSION		
COMPLEX		

Notes: Roadside survey; no access

ELC STAND CHARACTERISTICS	SITE: NORTHLAND	
	POLYGON: 33	
	DATE: Sept 14/11	
	SURVEYOR(S): DEVANS, TRAUBURN	

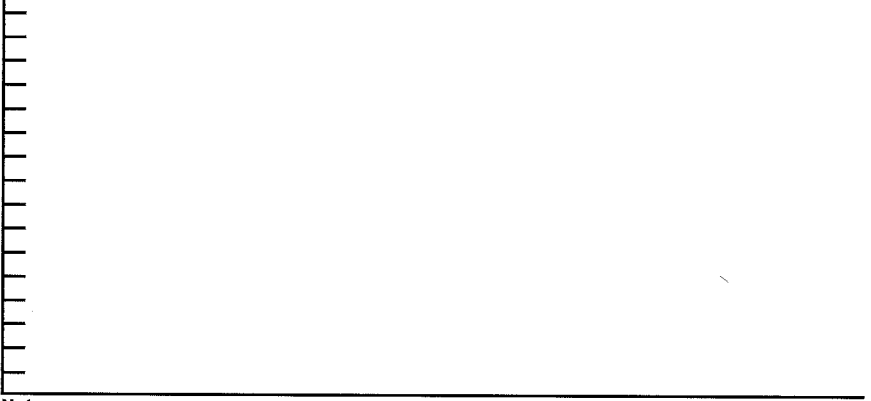
TREE TALLY BY SPECIES:

PRISM FACTOR		TALLY					TOTAL	REL. AVG
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5			
TOTAL							100	
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>33</u>				
	DATE: <u>Sept 14/11</u>				
	SURVEYOR(S): <u>TRADBURN DEVIANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	SCORE †
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<u>NONE</u>	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<u>NONE</u>	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>33</u>	
	DATE: <u>Sept 14/11</u>	
	SURVEYOR(S): <u>TRADBURN DEVIANS</u>	
START TIME:	END TIME:	

TEMP (°C): 21 CLOUD (10th): 6 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none noted</u>								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 34 (WE-009), (SWT 2-5)
	SURVEYOR(S): T. BEAUGES DEPAUS	DATE: Sept. 14/11
	UTMZ:	UTME:
	UTMN:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL. UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
		G TALUS		G CONIFEROUS	G BARREN
		G CREVICE / CAVE		G MIXED	G MEADOW
		G ALVAR			G PRAIRIE
		G ROCKLAND			G THICKET
		G BEACH / BAR			G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	1	
4 GRD. LAYER	5	1	

HT CODES: 1 =>25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	O	< 10	A	10 - 24	R	25 - 50	N	> 50
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STANDING SNAGS:	O	< 10	O	10 - 24	N	25 - 50	N	> 50
-----------------	---	------	---	---------	---	---------	---	------

DEADFALL / LOGS:	A	< 10	R	10 - 24	N	25 - 50	N	> 50
------------------	---	------	---	---------	---	---------	---	------

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
------------	---------	-------	---	--------	------------

SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:		(cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:		(cm)

COMMUNITY CLASSIFICATION: ELC CODE

COMMUNITY CLASS:		FO
COMMUNITY SERIES:		FOD
ECOSITE:		FOD5
VEGETATION TYPE:	Dry-fresh Sugar maple ~ White Ash Deciduous Forest Type	FOD5-8
<input checked="" type="checkbox"/> INCLUSION	White Pine Coniferous Forest Type	CUP 3-2
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE:
	POLYGON: 34 + 34A
	DATE: Sept. 14/11
	SURVEYOR(S):

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM

Notes:

Lots of woody debris in both 34 + 34a

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>34 + 34a</u>				
	DATE: <u>Sept. 14/11</u>				
	SURVEYOR(S): <u>TRADBURN DEVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	SCORE †
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<u>NONE</u>	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

evidence of hunting

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>34 + 34a</u>	
	DATE: <u>Sept 14/11</u>	
	SURVEYOR(S): <u>TRADBURN DEVANS</u>	
START TIME:	END TIME:	

TEMP (°C): <u>21</u>	CLOUD (10th): <u>6</u>	WIND: <u>0</u>	PRECIPITATION: <u>none</u>
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input checked="" type="checkbox"/> HIBERNACULA (potential <u>woody debris</u>)	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
M	RACCOON	TK							

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>35 (W-042)</u>	
	SURVEYOR(S): <u>TRADBURN DEVANS</u>	DATE: <u>Sept 14/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC	<input type="checkbox"/> ORGANIC <input checked="" type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MIN. <input type="checkbox"/> ACIDIC BEDRK. <input type="checkbox"/> BASIC BEDRK. <input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> LACUSTRINE RIVERINE BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLL. UPLAND CLIFF <input type="checkbox"/> TALUS <input type="checkbox"/> CREVICE / CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH / BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING-LVD. <input type="checkbox"/> GRAMINOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	<input type="checkbox"/> LAKE <input type="checkbox"/> POND <input type="checkbox"/> RIVER <input type="checkbox"/> STREAM <input type="checkbox"/> MARSH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRAIRIE <input type="checkbox"/> THicket <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE			COVER		
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WATER <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	2	2	
4 GRD. LAYER	-	-	

HT CODES: 1 = >25 m 2 = 10<HT≤25 m 3 = 2<HT≤10 m 4 = 1<HT≤2 m 5 = 0.5<HT≤1 m 6 = 0.2<HT≤0.5 m 7 = HT<0.2 m

CVR CODES: 0 = NONE 1 = 0% < CVR ≤ 10% 2 = 10 < CVR ≤ 25% 3 = 25 < CVR ≤ 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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STANDING SNAGS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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DEADFALL / LOGS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input checked="" type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE: <input type="checkbox"/>	DEPTH TO MOTTLES / GLEY: g = <input type="checkbox"/> G = <input type="checkbox"/>
MOISTURE: <input type="checkbox"/>	DEPTH OF ORGANICS: <input type="checkbox"/> (cm)
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK: <input type="checkbox"/> (cm)

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	FO
COMMUNITY SERIES:	FOD
ECOSITE:	FOD4
VEGETATION TYPE:	Dry - Fresh White Ash Deciduous Forest Type FOD4-2
INCLUSION	* FOD7-2 - Fresh, Moist green
COMPLEX	

Notes:

Roadside survey, no access
* 22/11/12: Revised to also include areas of ELC FOD7-2 based off of more recent field studies

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>35</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>35</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

P/A	PP	Dr	Slope				UTM				
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1											
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5
	N/A				

A TEXTURE					
COURSE FRAGMENTS					
B TEXTURE					
COURSE FRAGMENTS					
C TEXTURE					
COURSE FRAGMENTS					
EFFECTIVE TEXTURE					
SURFACE STONINESS					
SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEYS					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					
SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>35</u>
	DATE: <u>Sept. 14/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Ash	D	D			
B. Walnut		O	O		
Sugar maple	R	O	D		
Poplar		R			
E. white Cedar		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
wildgrape			O		
Suncc			R		
Buckthorn			O		

ELC MANAGEMENT / DISTURBANCE		SITE: NORTHLAND			
		POLYGON: 35			
		DATE: Sept. 14/11			
		SURVEYOR(S): TRAUBURN DEVANS			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: NORTHLAND					
		POLYGON: 35					
		DATE: Sept. 14/11					
		SURVEYOR(S): TRAUBURN DEVANS					
START TIME:		END TIME:					
TEMP (°C):	18	CLOUD (10th):	10	WIND:	0	PRECIPITATION:	none
CONDITIONS:							

POTENTIAL WILDLIFE HABITAT:

-	VERNAL POOLS	-	SNAGS
-	HIBERNACULA	-	FALLEN LOGS
-		-	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none								
	noted								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>		POLYGON: <u>36 (W-036)</u>	
	SURVEYOR(S): <u>TRADEBURN DEVANS</u>		DATE: <u>Sept. 14/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE G RIVERINE G BOTTOMLAND G TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND G CLIFF G TALLUS CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN MEADOW G PRAIRIE THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION
SITE			COVER		
G OPEN WATER G SHALLOW WATER G SURFICIAL DEP. G BEDROCK			G OPEN G SHRUB G TREED		

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp)
			(>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	3	3	

HT CODES: 1 = >25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input checked="" type="radio"/> 25 - 50	<input type="radio"/> > 50
STANDING SNAGS:	<input type="radio"/> < 10	<input checked="" type="radio"/> 10 - 24	<input checked="" type="radio"/> 25 - 50	<input type="radio"/> > 50
DEADFALL / LOGS:	<input checked="" type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE :	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input checked="" type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS: (cm)		
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK: (cm)		

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:		ELC CODE
COMMUNITY SERIES:		F0
ECOSITE:		F0D
VEGETATION TYPE:	Dry - Fresh White Ash Deciduous Forest Type	F0D4
INCLUSION		F0D4-2
COMPLEX		

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>36</u>	
	DATE: <u>Sept. 14/11</u>	
	SURVEYOR(S): <u>TRADEBURN DEVANS</u>	

TREE TALLY BY SPECIES:

PRISM FACTOR								
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG	
<i>[Handwritten: NA]</i>								
<i>[Handwritten: X]</i>								
TOTAL							100	
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

<p style="text-align: center;">ELC</p> <p style="text-align: center;">SOILS ONTARIO</p>	SITE: NORTH LAND
	POLYGON: 36
	DATE: Sept. 14/11
	SURVEYOR(S): TRADBURN DEVANS

P/A	PP	Dr	Slope					UTM			
			Position	Aspect	%	Type	Class	Z	EASTING	NORTHING	
1	A				7						
2											
3											
4											
5											

SOIL TEXTURE x HORIZON	1	2	3	4	5

A	TEXTURE	ERS				
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES						
GLEYS						
BEDROCK						
WATER TABLE						
CARBONATES						
DEPTH OF ORGANICS	0.5cm					
PORE SIZE DISC #1						
PORE SIZE DISC #2						
MOISTURE REGIME						
SOIL SURVEY MAP						
LEGEND CLASS						

<p style="text-align: center;">ELC</p> <p style="text-align: center;">PLANT SPECIES LIST</p>	SITE: NORTH LAND
	POLYGON: 36
	DATE: Sept 14/11
	SURVEYOR(S): TRADBURN DEVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Ash	D	A	O		
W. Birch	O	R			
Bt. Cherry		O	O		
Beech (Am)	R	O			
Trembling Aspen	O	O			
Blue Birch			O		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Buckthorn			O		
white hazzel			R		
poison ivy				O	
Hawthorn			R		
Sick in the plot				R	
chokecherry				O	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				
	POLYGON: <u>36</u>				
	DATE: <u>Sept 14/11</u>				
	SURVEYOR(S): <u>TRADBURN</u> <u>DEVANS</u>				
DISTURBANCE / EXTENT	<u>0</u>	1	2	3	SCORE †
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	<u>LIGHT</u>	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>36</u>	
	DATE: <u>Sept 14/11</u>	
	SURVEYOR(S): <u>TRADBURN</u> <u>DEVANS</u>	
START TIME:	END TIME:	

TEMP (°C): 16 CLOUD (10th): 10 WIND: 2 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input checked="" type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
M	DEER	AS	UNCOMMON						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>37 (W-041)</u>	DATE: <u>Sept 15/11</u>	TIME: start
	SURVEYOR(S): <u>T. ROEBURN</u>			finish
	UTMZ:	UTME:	UTMN:	

37B(W-042)

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>37</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>T. ROEBURN, D. EVANS</u>

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
		G TALUS		G CONIFEROUS	G BARREN
		G CREVICE / CAVE		G MIXED	G MEADOW
		G ALVAR			G PRAIRIE
		G ROCKLAND			G THicket
		G BEACH / BAR			G SAVANNAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	2	3	
4 GRD. LAYER	6	3	

HT CODES: 1=>25 m 2=10<HT<25 m 3=2<HT<10 m 4=1<HT<2 m 5=0.5<HT<1 m 6=0.2<HT<0.5 m 7=HT<0.2 m
CVR CODES 0=NONE 1=0%<CVR<10% 2=10<CVR<25% 3=25<CVR<60% 4=CVR>60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input checked="" type="radio"/> > 50
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STANDING SNAGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input checked="" type="radio"/> > 50
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DEADFALL / LOGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input checked="" type="radio"/> > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input checked="" type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	F0P
VEGETATION TYPE:	F0D4
	Dry - Fresh white ash Deciduous Forest Type F0D4-2
INCLUSION	
COMPLEX	

Notes: Roads.de survey. No access.

TREE TALLY BY SPECIES:

PRISM FACTOR							TOTAL	REL-AVG
SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL-AVG	
N/A								
TOTAL							100	
BASAL AREA (BA)								
DEAD								

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes: Area at rear of property (37B) denser than 37a, with same species

ELC MANAGEMENT / DISTURBANCE	SITE: <i>NORTHLAND</i>				
	POLYGON: <i>37</i>				
	DATE: <i>Sept. 15/11</i>				
	SURVEYOR(S): <i>T. RADBURN D. EVANS</i>				
DISTURBANCE / EXTENT	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	SCORE †
TIME SINCE LOGGING	<i>> 30 YRS</i>	<i>15 - 30 YRS</i>	<i>5 - 15 YRS</i>	<i>0 - 5 YEARS</i>	
INTENSITY OF LOGGING	<i>NONE</i>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<i>NONE</i>	SMALL	<i>INTERMEDIATE</i>	LARGE	
EXTENT OF GAPS	<i>NONE</i>	LOCAL	<i>WIDESPREAD</i>	EXTENSIVE	
LIVESTOCK (GRAZING)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<i>NONE</i>	<i>OCCASIONAL</i>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<i>NONE</i>	<i>LOCAL</i>	<i>WIDESPREAD</i>	EXTENSIVE	
PLANTING (PLANTATION)	<i>NONE</i>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<i>NONE</i>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<i>NONE</i>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<i>NONE</i>	LIGHT	MODERATE	HEAVY	
EXTENT	<i>NONE</i>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <i>NORTHLAND</i>		
	POLYGON: <i>37</i>		
	DATE: <i>Sept. 15/11</i>		
	SURVEYOR(S): <i>T. RADBURN D. EVANS</i>		
START TIME:		END TIME:	
TEMP (°C): <i>11</i>	CLOUD (10th): <i>5</i>	WIND: <i>0</i>	PRECIPITATION: <i>none</i>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<i>none</i>		<i>noted</i>						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

CY = EGGS OR YOUNG

SC = SCAT

ELC
COMMUNITY DESCRIPTION & CLASSIFICATION

SITE: <u>NORTHLAND</u>		POLYGON: <u>38 (W-042)</u>	
SURVEYOR(S): <u>T. RAOBURN, D. EVANS</u>		DATE: <u>Sept. 15/11</u>	TIME: start finish
UTMZ:	UTME:	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL G WETLAND G AQUATIC	G ORGANIC G MINERAL SOIL G PARENT MIN. G ACIDIC BEDRK. G BASIC BEDRK. G CARB. BEDRK.	G LACUSTRINE G RIVERINE G BOTTOMLAND G TERRACE G VALLEY SLOPE G TABLELAND G ROLL UPLAND G CLIFF G TALUS G CREVICE / CAVE G ALVAR G ROCKLAND G BEACH / BAR G SAND DUNE G BLUFF	G NATURAL G CULTURAL COVER G OPEN G SHRUB G TREED	G PLANKTON G SUBMERGED G FLOATING-LVD. G GRAMINOID G FORB G LICHEN G BRYOPHYTE G DECIDUOUS G CONIFEROUS G MIXED	G LAKE G POND G RIVER G STREAM G MARSH G SWAMP G FEN G BOG G BARREN G MEADOW G PRAIRIE G THICKET G SAVANNAH G WOODLAND G FOREST G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	4	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	1	
4 GRD. LAYER	—	—	none observed

HT CODES: 1 => 25 m 2 = 10 < HT < 25 m 3 = 2 < HT < 10 m 4 = 1 < HT < 2 m 5 = 0.5 < HT < 1 m 6 = 0.2 < HT < 0.5 m 7 = HT < 0.2 m
CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION: BA:

SIZE CLASS ANALYSIS:	R	< 10	A	10 - 24	R	25 - 50	N	> 50
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STANDING SNAGS:	—	< 10	—	10 - 24	—	25 - 50	—	> 50
DEADFALL / LOGS:	—	< 10	—	10 - 24	—	25 - 50	—	> 50

ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS: (cm)		
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK: (cm)		

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	CU
COMMUNITY SERIES:	CUP
ECOSITE:	CUP3
VEGETATION TYPE:	White Pine Coniferous Plantation Type CUP3-2
INCLUSION	
COMPLEX	

Notes: roadside survey. no access

ELC
STAND CHARACTERISTICS

SITE: <u>NORTHLAND</u>
POLYGON: <u>38</u>
DATE: <u>Sept 15/11</u>
SURVEYOR(S): <u>T. RAOBURN, D. EVANS</u>

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>38</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBURN, D. EVANS</u>

		Slope				UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A	TEXTURE						
	COURSE FRAGMENTS						
B	TEXTURE						
	COURSE FRAGMENTS						
C	TEXTURE						
	COURSE FRAGMENTS						
	EFFECTIVE TEXTURE						
	SURFACE STONINESS						
	SURFACE ROCKINESS						

DEPTH TO / OF							
MOTTLES							
GLEYS							
BEDROCK							
WATER TABLE							
CARBONATES							
DEPTH OF ORGANICS							
PORE SIZE DISC #1							
PORE SIZE DISC #2							
MOISTURE REGIME							

SOIL SURVEY MAP							
LEGEND CLASS							

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>38</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>T. RADBURN, D. EVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
White Pine	D	D			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Sumac			R		
W. Ash			R	R	
Silver maple			R	R	

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>38</u>			
		DATE: <u>Sept. 15/71</u>			
		SURVEYOR(S): <u>TRAUBURN, D. EVANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>	
		POLYGON: <u>38</u>	
		DATE: <u>Sept. 15/71</u>	
		SURVEYOR(S): <u>TRAUBURN, D. EVANS</u>	
START TIME:		END TIME:	
TEMP (°C): <u>11</u>	CLOUD (10th): <u>8</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input checked="" type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY
 A = ANXIETY BEHAVIOUR

D = DISPLAY
 N = NEST BUILDING

P = PAIR
 V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION
 NE = EGGS
 AE = NEST ENTRY

NU = USED NEST
 NY = YOUNG

FY = FLEDGED YOUNG
 FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED
 DP = DISTINCTIVE PARTS
 TK = TRACKS
 SI = OTHER SIGNS (specify)

VO = VOCALIZATION
 HO = HOUSE/DEN
 FE = FEEDING EVIDENCE

CA = CARCASS
 FY = EGGS OR YOUNG
 SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>39 / W-039</u>	
	SURVEYOR(S): <u>TRABORN DEVANS</u>	DATE: <u>Sept. 15/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
SITE		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
<input type="checkbox"/> OPEN WATER		<input type="checkbox"/> TALUS	COVER	<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
<input type="checkbox"/> SHALLOW WATER		<input type="checkbox"/> CREVICE / CAVE	<input type="checkbox"/> OPEN	<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
<input type="checkbox"/> SURFICIAL DEP.		<input type="checkbox"/> ALVAR	<input type="checkbox"/> SHRUB		<input type="checkbox"/> PRAIRIE
<input type="checkbox"/> BEDROCK		<input type="checkbox"/> ROCKLAND	<input type="checkbox"/> TREED		<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR			<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE			<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	3	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	6	3	

HT CODES: 1 = >25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m

CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input checked="" type="checkbox"/> > 50
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STANDING SNAGS:	<input checked="" type="checkbox"/> < 10	<input checked="" type="checkbox"/> 10 - 24	<input checked="" type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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DEADFALL / LOGS:	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 - 24	<input type="checkbox"/> 25 - 50	<input type="checkbox"/> > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE :	<input type="checkbox"/> PIONEER	<input type="checkbox"/> YOUNG	<input checked="" type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	CW
ECOSITE: <u>mineral Cultural woodland</u>	COW
VEGETATION TYPE: <u>Ecotone</u>	COW1
INCLUSION	NIA
COMPLEX	

Notes: Roadside Survey - no access.

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>39</u>
	DATE: <u>Sept. 15/11</u>
	SURVEYOR(S): <u>TRABORN DEVANS</u>

TREE TALLY BY SPECIES:

SPECIES	PRISM FACTOR					TOTAL	REL. AVG
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
<i>NIA</i>							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:
COMMUNITY PROFILE DIAGRAM
Notes:

openings in canopy consistently throughout

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 39
	DATE: Sept 15/11
	SURVEYOR(S): TRAUBURN DEVANS

	Slope				UTM						
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL TEXTURE = HORIZON	1	2	3	4	5
	N/A				

A TEXTURE					
COURSE FRAGMENTS					
B TEXTURE					
COURSE FRAGMENTS					
C TEXTURE					
COURSE FRAGMENTS					
EFFECTIVE TEXTURE					
SURFACE STONINESS					
SURFACE ROCKINESS					

DEPTH TO / OF					
MOTTLES					
GLEY					
BEDROCK					
WATER TABLE					
CARBONATES					
DEPTH OF ORGANICS					
PORE SIZE DISC #1					
PORE SIZE DISC #2					
MOISTURE REGIME					

SOIL SURVEY MAP					
LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 39
	DATE: Sept 15/11
	SURVEYOR(S): TRAUBURN

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
W. Ash	D	O	O		
E.W Cedar		R	O	O	
Unknown Red like tree			R		
Bl Walnut			R	O	
Willow	O	O			
Sugar maple		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Alternate leaf Dogwood			R		
wild grape		R	R		
Solomon's seal				R	
Jack-in-the-pulpit				R	
Field Horsetail				R	
Sens. Fern				R	
Tortoise Honeysuckle		R			

ELC MANAGEMENT / DISTURBANCE	SITE: NORTHLAND				
	POLYGON: 39				
	DATE: Sept. 15/11				
	SURVEYOR(S): TRADBURN DEVANS				
	DISTURBANCE / EXTENT	0	1	2	3
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: NORTHLAND						
	POLYGON: 39						
	DATE: Sept. 8/11						
	SURVEYOR(S): TRADBURN DEVANS						
	START TIME:		END TIME:				
TEMP (°C):	11	CLOUD (10th):	8	WIND:	0	PRECIPITATION:	none
CONDITIONS:							

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none		noted						

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
FY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: NORTHLAND	POLYGON: 40/0C-028	
	SURVEYOR(S): TRADBORN DEVANS	DATE: Sep. 15/11	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
G TERRESTRIAL	G ORGANIC	G LACUSTRINE	G NATURAL	G PLANKTON	G LAKE
G WETLAND	G MINERAL SOIL	G RIVERINE	G CULTURAL	G SUBMERGED	G POND
G AQUATIC	G PARENT MIN.	G BOTTOMLAND		G FLOATING-LVD.	G RIVER
	G ACIDIC BEDRK.	G TERRACE		G GRAMINOID	G STREAM
	G BASIC BEDRK.	G VALLEY SLOPE		G FORB	G MARSH
	G CARB. BEDRK.	G TABLELAND		G LICHEN	G SWAMP
		G ROLL UPLAND		G BRYOPHYTE	G FEN
		G CLIFF		G DECIDUOUS	G BOG
		G TALUS		G CONIFEROUS	G BARRI N
		G CREVICE / CAVE	COVER	G MIXED	G MEAD W
		G ALVAR	G OPEN		G PRAIR E
		G ROCKLAND	G SHRUB		G THICK ET
		G BEACH / BAR	G TREED		G SAVA: NAH
		G SAND DUNE			G WOODLAND
		G BLUFF			G FOREST
					G PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	1	
2 SUB-CANOPY	3	1	
3 UNDERSTOREY	4	1	
4 GRD. LAYER	3	4	

HT CODES: 1 => >25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m

CVR CODES 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION: _____ BA: _____

SIZE CLASS ANALYSIS:	R	< 10	R	10-24	N	25-50	N	> 50
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STANDING SNAGS:	R	< 10	R	10-24	N	25-50	N	> 50
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DEADFALL / LOGS:		< 10		10-24		25-50		> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE : PIONEER YOUNG MID-AGE MATURE OLD GROWTH

SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
MOISTURE:	DEPTH OF ORGANICS:	(cm)	
HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)	

COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	CU
ECOSITE:	Cum
VEGETATION TYPE:	Cum1
	Dry-moist Old Field Meadow Type
INCLUSION	*CLIT: Mineral cultural thicket
COMPLEX	

Notes: Roadside Survey. no access.

ELC STAND CHARACTERISTICS	SITE: NORTHLAND
	POLYGON: 40
	DATE: Sep. 15/11
SURVEYOR(S): TRADBORN DEVANS	

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM



Notes: 400/11/12: ELC revised based off of more recent field study. (see Ecological Land Classification Aerial Map 56)

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 40
	DATE: Sept. 15/11
	SURVEYOR(S): TRADBORN, DEVIANS

	Slope			UTM							
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL	1	2	3	4	5
TEXTURE x HORIZON	N/A				

A	TEXTURE										
	COURSE FRAGMENTS										
B	TEXTURE										
	COURSE FRAGMENTS										
C	TEXTURE										
	COURSE FRAGMENTS										
	EFFECTIVE TEXTURE										
	SURFACE STONINESS										
	SURFACE ROCKINESS										

DEPTH TO / OF											
	MOTTLES										
	GLEYS										
	BEDROCK										
	WATER TABLE										
	CARBONATES										
	DEPTH OF ORGANICS										
	PORE SIZE DISC #1										
	PORE SIZE DISC #2										
	MOISTURE REGIME										
	SOIL SURVEY MAP										
	LEGEND CLASS										

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 40
	DATE: Sept. 15/11
	SURVEYOR(S): TRADBORN, DEVIANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Trembl Aspen	O				
E.W. Cedar		O	O		
W. Ash	O	O	R		
W. Pine			R		
Willow	O				
W. Spruce			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				D	
L.W. Aster				O	

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>40</u>				
	DATE: <u>Sept 15/11</u>				
	SURVEYOR(S): <u>TRADBORN DEVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>			
	POLYGON: <u>40</u>			
	DATE: <u>Sept 15/11</u>			
	SURVEYOR(S): <u>TRADBORN DEVANS</u>			
START TIME:		END TIME:		
TEMP (°C): <u>11</u>	CLOUD (10th): <u>9</u>	WIND: <u>1</u>	PRECIPITATION: <u>hail + rain</u>	
CONDITIONS:				
POTENTIAL WILDLIFE HABITAT:				
<input type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS	
<input type="checkbox"/>	HIBERNACULA	<input type="checkbox"/>	FALLEN LOGS	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

- FAUNAL TYPE CODES (TY):**
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER
- EVIDENCE CODES (EV):**
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE
- BREEDING BIRD - PROBABLE:**
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST
- BREEDING BIRD - CONFIRMED:**
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY
- OTHER WILDLIFE EVIDENCE:**
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>41</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

Slope							UTM			
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL TEXTURE × HORIZON	1	2	3	4	5
N/A					

A	TEXTURE						
	COURSE FRAGMENTS						
B	TEXTURE						
	COURSE FRAGMENTS						
C	TEXTURE						
	COURSE FRAGMENTS						
	EFFECTIVE TEXTURE						
	SURFACE STONINESS						
	SURFACE ROCKINESS						

DEPTH TO / OF							
	MOTTLES						
	GLEY						
	BEDROCK						
	WATER TABLE						
	CARBONATES						
	DEPTH OF ORGANICS						
	PORE SIZE DISC #1						
	PORE SIZE DISC #2						
	MOISTURE REGIME						
SOIL SURVEY MAP							
LEGEND CLASS							

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>41</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Br Walnut		O			
E.W. Cedar			O		
W. Ash	D	O	O		
Willow			O		
Elm	R				
Apple sp.		R	O		
Yerling Aspen		R			
Balsam Poplar		R			

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				A	
Milkweed				R	
L.W. Aster				O	
Thistle				R	
OA. Lace				R	
R.O. Dogwood			O		

ELC		SITE: <u>NORHLAND</u>			
MANAGEMENT /		POLYGON: <u>41</u>			
DISTURBANCE		DATE: <u>Sept 15/11</u>			
		SURVEYOR(S): <u>TRADBURN DEVANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	<u>> 30 YRS</u>	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	<u>NONE</u>	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	<u>NONE</u>	SMALL	<u>INTERMEDIATE</u>	LARGE	
EXTENT OF GAPS	<u>NONE</u>	LOCAL	WIDESPREAD	<u>EXTENSIVE</u>	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	<u>NONE</u>	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	<u>NONE</u>	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC		SITE: <u>NORHLAND</u>	
WILDLIFE		POLYGON: <u>41</u>	
		DATE: <u>Sept. 15/11</u>	
		SURVEYOR(S): <u>TRADBURN DEVANS</u>	
		START TIME:	END TIME:

TEMP (°C):	<u>11</u>	CLOUD (10th):	<u>6</u>	WIND:	<u>0</u>	PRECIPITATION:	<u>none</u>
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CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>								
	<u>noted</u>								

FAUNAL TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:
SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY
A = ANXIETY BEHAVIOUR

D = DISPLAY
N = NEST BUILDING

P = PAIR
V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION
NE = EGGS
AE = NEST ENTRY

NU = USED NEST
NY = YOUNG

FY = FLEDGED YOUNG
FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED
DP = DISTINCTIVE PARTS
TK = TRACKS
SI = OTHER SIGNS (specify)

VO = VOCALIZATION
HO = HOUSE/DEN
FE = FEEDING EVIDENCE

CA = CARCASS
EY = EGGS OR YOUNG
SC = SCAT

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>45</u>	
	SURVEYOR(S): <u>TRADBORN DEVIANS</u>	DATE: <u>Sept 15/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" type="checkbox"/> TERRESTRIAL	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> LACUSTRINE	<input checked="" type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> PLANKTON	<input checked="" type="checkbox"/> LAKE
<input checked="" type="checkbox"/> WETLAND	<input checked="" type="checkbox"/> MINERAL SOIL	<input checked="" type="checkbox"/> RIVERINE	<input checked="" type="checkbox"/> CULTURAL	<input checked="" type="checkbox"/> SUBMERGED	<input checked="" type="checkbox"/> POND
<input checked="" type="checkbox"/> AQUATIC	<input checked="" type="checkbox"/> PARENT MIN.	<input checked="" type="checkbox"/> BOTTOMLAND		<input checked="" type="checkbox"/> FLOATING-LVD.	<input checked="" type="checkbox"/> RIVER
	<input checked="" type="checkbox"/> ACIDIC BEDRK.	<input checked="" type="checkbox"/> TERRACE		<input checked="" type="checkbox"/> GRAMINOID	<input checked="" type="checkbox"/> STREAM
	<input checked="" type="checkbox"/> BASIC BEDRK.	<input checked="" type="checkbox"/> VALLEY SLOPE		<input checked="" type="checkbox"/> FORB	<input checked="" type="checkbox"/> MARSH
	<input checked="" type="checkbox"/> CARB. BEDRK.	<input checked="" type="checkbox"/> TABLELAND		<input checked="" type="checkbox"/> LICHEN	<input checked="" type="checkbox"/> SWAMP
		<input checked="" type="checkbox"/> ROLL UPLAND		<input checked="" type="checkbox"/> BRYOPHYTE	<input checked="" type="checkbox"/> FEN
		<input checked="" type="checkbox"/> CLIFF		<input checked="" type="checkbox"/> DECIDUOUS	<input checked="" type="checkbox"/> BOG
		<input checked="" type="checkbox"/> TALUS		<input checked="" type="checkbox"/> CONIFEROUS	<input checked="" type="checkbox"/> BARREN
		<input checked="" type="checkbox"/> CREVICE / CAVE		<input checked="" type="checkbox"/> MIXED	<input checked="" type="checkbox"/> MEADOW
		<input checked="" type="checkbox"/> ALVAR			<input checked="" type="checkbox"/> PRAIRIE
		<input checked="" type="checkbox"/> ROCKLAND			<input checked="" type="checkbox"/> THICKET
		<input checked="" type="checkbox"/> BEACH / BAR			<input checked="" type="checkbox"/> SAVANNAH
		<input checked="" type="checkbox"/> SAND DUNE			<input checked="" type="checkbox"/> WOODLAND
		<input checked="" type="checkbox"/> BLUFF			<input checked="" type="checkbox"/> FOREST
					<input checked="" type="checkbox"/> PLANTATION
SITE			COVER		
<input checked="" type="checkbox"/> OPEN WATER			<input checked="" type="checkbox"/> OPEN		
<input checked="" type="checkbox"/> SHALLOW WATER			<input checked="" type="checkbox"/> SHRUB		
<input checked="" type="checkbox"/> SURFICIAL DEP.			<input checked="" type="checkbox"/> TREE		
<input checked="" type="checkbox"/> BEDROCK					

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	4	
2 SUB-CANOPY	2	3	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	6	3	

HT CODES: 1 =>25 m 2=10<HT<25 m 3=2<HT<10 m 4=1<HT<2 m 5=0.5<HT<1 m 6=0.2<HT<0.5 m 7=HT<0.2 m

CVR CODES 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	0	< 10	A	10 - 24	0	25 - 50	R	> 50
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STANDING SNAGS:	0	< 10	0	10 - 24	R	25 - 50	N	> 50
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DEADFALL / LOGS:	0	< 10	0	10 - 24	R	25 - 50	N	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

ELC CODE

COMMUNITY CLASS:	F0
COMMUNITY SERIES:	F0D
ECOSITE:	F0D5
VEGETATION TYPE:	Dry - Fresh Sugar Maple - White Ash Deciduous Forest Type
INCLUSION	F0D5-8
COMPLEX	

Notes:

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>45</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBORN DEVIANS</u>

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
<i>N/A</i>							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: NORTHLAND
	POLYGON: 45
	DATE: Sept. 15/11
	SURVEYOR(S): TRADBURN DEVANS

	Slope					UTM					
	P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

	SOIL				
	TEXTURE x HORIZON	1	2	3	4
	MA				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					

DEPTH TO / OF						
MOTTLES						
GLEY						
BEDROCK						
WATER TABLE						
CARBONATES						
DEPTH OF ORGANICS						
PORE SIZE DISC #1						
PORE SIZE DISC #2						
MOISTURE REGIME						
SOIL SURVEY MAP						
LEGEND CLASS						

ELC PLANT SPECIES LIST	SITE: NORTHLAND
	POLYGON: 45
	DATE: Sept 15/11
	SURVEYOR(S): TRADBURN DEVANS

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Suppr Maple	O	R			
w. Ash	D	DO			
Elm		R	R		
Red Cedar			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
R. L. Hepatica				O	

ELC MANAGEMENT / DISTURBANCE	SITE:				
	POLYGON:				
	DATE:				
	SURVEYOR(S):				
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	>30 YRS	15 - 30 YRS	5 - 15 YRS	0 - 5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
† INTENSITY x EXTENT = SCORE					

ELC WILDLIFE	SITE: <u>NORTHLAND</u>	
	POLYGON: <u>45</u>	
	DATE: <u>Sept. 15/11</u>	
	SURVEYOR(S): <u>TRADGORN PEVANS</u>	
	START TIME:	END TIME:

TEMP (°C): <u>13</u>	CLOUD (10th): <u>6</u>	WIND: <u>2</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			

POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS		
<input type="checkbox"/> HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS		

SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	none noted								

FAUNAL TYPE CODES (TY):
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):
 BREEDING BIRD - POSSIBLE:
 SH = SUITABLE HABITAT SM = SINGING MALE

BREEDING BIRD - PROBABLE:
 T = TERRITORY D = DISPLAY P = PAIR
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST

BREEDING BIRD - CONFIRMED:
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK
 AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG
 TK = TRACKS FE = FEEDING EVIDENCE SC = SCAT
 SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>42</u>
	SURVEYOR(S): <u>TRADBURN, DEVANS</u>	DATE: <u>Sept. 15/11</u>
	UTMZ:	UTME:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LAGUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input checked="" type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
		<input type="checkbox"/> TALUS		<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
		<input type="checkbox"/> CREVICE / CAVE		<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
		<input type="checkbox"/> ALVAR			<input type="checkbox"/> PRAIRIE
		<input type="checkbox"/> ROCKLAND			<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR			<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE			<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	22	3	
2 SUB-CANOPY	22	3	
3 UNDERSTOREY	3	2	
4 GRD. LAYER	5	1	

HT CODES: 1=>25 m 2=10<HT<25 m 3=2<HT<10 m 4=1<HT<2 m 5=0.5<HT<1 m 6=0.2<HT<0.5 m 7=1T<0.2 m

CVR CODES 0= NONE 1= 0% < CVR < 10% 2= 10 < CVR < 25% 3= 25 < CVR < 60% 4= CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	O	< 10	A	10 - 24	R	25 - 50	N	> 50
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STANDING SNAGS:	R	< 10	R	10 - 24	N	25 - 50	N	> 50
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DEADFALL / LOGS:	-	< 10	-	10 - 24	-	25 - 50	-	> 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	PIONEER	YOUNG	<input checked="" type="checkbox"/> MID-AGE	MATURE	O.D	G ROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	ELC CODE
COMMUNITY SERIES:	F0
ECOSITE:	F0D
VEGETATION TYPE: <u>Dry - Fresh Sugar maple - White Ash Deciduous Forest Type</u>	F0D5
INCLUSION	F0D5-8
COMPLEX	

Notes: Road side Survey, no access

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>42</u>
	DATE: <u>Sept. 15/11</u>

TREE TALLY BY SPECIES:

PRISM FACTOR

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
<i>N/A</i>							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>42</u>
	DATE: <u>Sept. 15/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

Slope UTM

	PIA	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1											
2											
3											
4											
5											

SOIL TEXTURE & HORIZON	1	2	3	4	5
	NA				

A	TEXTURE				
	COURSE FRAGMENTS				
B	TEXTURE				
	COURSE FRAGMENTS				
C	TEXTURE				
	COURSE FRAGMENTS				
	EFFECTIVE TEXTURE				
	SURFACE STONINESS				
	SURFACE ROCKINESS				
DEPTH TO / OF					
	MOTTLES				
	GLEY				
	BEDROCK				
	WATER TABLE				
	CARBONATES				
	DEPTH OF ORGANICS				
	PORE SIZE DISC #1				
	PORE SIZE DISC #2				
	MOISTURE REGIME				
SOIL SURVEY MAP					
	LEGEND CLASS				

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>42</u>
	DATE: <u>Sept. 15/11</u>
	SURVEYOR(S): <u>TRADBURN DEVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER

ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Rosswood		O			
Apple			R		
Sugar Maple	D	D	O		
W. Ash		O	R		
Buckthorn			R		
Mountain Ash			R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Rosswood				O	
Apple			R	O	
Sugar Maple				R	
W. Ash					
Buckthorn					
Mountain Ash					

ELC MANAGEMENT / DISTURBANCE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>42</u>			
		DATE: <u>Sept 13/11</u>			
		SURVEYOR(S): <u>TRADBORN DEVIANS</u>			
DISTURBANCE / EXTENT	0	1	2	3	SCORE †
TIME SINCE LOGGING	> 30 YRS	15 - 30 YRS	5 - 15 YRS	<u>0 - 5 YEARS</u>	
INTENSITY OF LOGGING	NONE	<u>FUEL WOOD</u>	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	<u>SMALL</u>	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	<u>LOCAL</u>	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	<u>OCCASIONAL</u>	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	<u>WIDESPREAD</u>	EXTENSIVE	
PLANTING (PLANTATION)	<u>NONE</u>	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	<u>NONE</u>	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	<u>NONE</u>	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	<u>NONE</u>	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	<u>NONE</u>	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE		SITE: <u>NORTHLAND</u>			
		POLYGON: <u>42</u>			
		DATE: <u>Sept 13/11</u>			
		SURVEYOR(S): <u>TRADBORN DEVIANS</u>			
		START TIME:		END TIME:	

TEMP (°C): 11 CLOUD (10th): 8 WIND: 1 PRECIPITATION: none

CONDITIONS:

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/>	VERNAL POOLS	<input checked="" type="checkbox"/>	SNAGS
<input checked="" type="checkbox"/>	HIBERNACULA (<u>potential woodpile</u>)	<input checked="" type="checkbox"/>	FALLEN LOGS
<input type="checkbox"/>		<input type="checkbox"/>	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>								
	<u>NOXA</u>								

FAUNA TYPE CODES (TY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

D = DISPLAY

P = PAIR

A = ANXIETY BEHAVIOUR

N = NEST BUILDING

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NU = USED NEST

FY = FLEDGED YOUNG

NE = EGGS

NY = YOUNG

FS = FOOD/FAECAL SACK

AE = NEST ENTRY

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

VO = VOCALIZATION

CA = CARCASS

DP = DISTINCTIVE PARTS

HO = HOUSE/DEN

FY = EGGS OR YOUNG

TK = TRACKS

FE = FEEDING EVIDENCE

SC = SCAT

SI = OTHER SIGNS (specify)

ELC COMMUNITY DESCRIPTION & CLASSIFICATION	SITE: <u>NORTHLAND</u>	POLYGON: <u>43 / W-053</u>	
	SURVEYOR(S): <u>TRADBORN DEVANS</u>	DATE: <u>Sept. 15/11</u>	TIME: start finish
	UTMZ:	UTME:	UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> LACUSTRINE	<input type="checkbox"/> NATURAL	<input type="checkbox"/> PLANKTON	<input type="checkbox"/> LAKE
<input type="checkbox"/> WETLAND	<input type="checkbox"/> MINERAL SOIL	<input type="checkbox"/> RIVERINE	<input type="checkbox"/> CULTURAL	<input type="checkbox"/> SUBMERGED	<input type="checkbox"/> POND
<input type="checkbox"/> AQUATIC	<input type="checkbox"/> PARENT MIN.	<input type="checkbox"/> BOTTOMLAND		<input type="checkbox"/> FLOATING-LVD.	<input type="checkbox"/> RIVER
	<input type="checkbox"/> ACIDIC BEDRK.	<input type="checkbox"/> TERRACE		<input type="checkbox"/> GRAMINOID	<input type="checkbox"/> STREAM
	<input type="checkbox"/> BASIC BEDRK.	<input type="checkbox"/> VALLEY SLOPE		<input type="checkbox"/> FORB	<input type="checkbox"/> MARSH
	<input type="checkbox"/> CARB. BEDRK.	<input type="checkbox"/> TABLELAND		<input type="checkbox"/> LICHEN	<input type="checkbox"/> SWAMP
		<input type="checkbox"/> ROLL. UPLAND		<input type="checkbox"/> BRYOPHYTE	<input type="checkbox"/> FEN
		<input type="checkbox"/> CLIFF		<input type="checkbox"/> DECIDUOUS	<input type="checkbox"/> BOG
		<input type="checkbox"/> TALUS		<input type="checkbox"/> CONIFEROUS	<input type="checkbox"/> BARREN
		<input type="checkbox"/> CREVICE / CAVE	COVER	<input type="checkbox"/> MIXED	<input type="checkbox"/> MEADOW
		<input type="checkbox"/> ALVAR	<input type="checkbox"/> OPEN		<input type="checkbox"/> PRAIRIE
		<input type="checkbox"/> ROCKLAND	<input type="checkbox"/> SHRUB		<input type="checkbox"/> THICKET
		<input type="checkbox"/> BEACH / BAR	<input type="checkbox"/> TREED		<input type="checkbox"/> SAVANNAH
		<input type="checkbox"/> SAND DUNE			<input type="checkbox"/> WOODLAND
		<input type="checkbox"/> BLUFF			<input type="checkbox"/> FOREST
					<input type="checkbox"/> PLANTATION

STAND DESCRIPTION:

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (up to 4 sp) (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 CANOPY	2	2	
2 SUB-CANOPY	2	4	
3 UNDERSTOREY	3	3	
4 GRD. LAYER	5	3	

HT CODES: 1 = >25 m 2 = 10<HT<25 m 3 = 2<HT<10 m 4 = 1<HT<2 m 5 = 0.5<HT<1 m 6 = 0.2<HT<0.5 m 7 = HT<0.2 m

CVR CODES 0 = NONE 1 = 0% < CVR < 10% 2 = 10 < CVR < 25% 3 = 25 < CVR < 60% 4 = CVR > 60%

STAND COMPOSITION:	BA:
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SIZE CLASS ANALYSIS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input checked="" type="radio"/> > 50
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STANDING SNAGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50
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DEADFALL / LOGS:	<input type="radio"/> < 10	<input type="radio"/> 10 - 24	<input type="radio"/> 25 - 50	<input type="radio"/> > 50
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ABUNDANCE CODES: N = NONE R = RARE O = OCCASIONAL A = ABUNDANT

COMM. AGE:	<input type="checkbox"/> PIONEER	<input checked="" type="checkbox"/> YOUNG	<input type="checkbox"/> MID-AGE	<input type="checkbox"/> MATURE	<input type="checkbox"/> OLD GROWTH
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SOIL ANALYSIS:

TEXTURE:	DEPTH TO MOTTLES / GLEY	g =	G =
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MOISTURE:	DEPTH OF ORGANICS:	(cm)
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HOMOGENEOUS / VARIABLE	DEPTH TO BEDROCK:	(cm)
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COMMUNITY CLASSIFICATION:

COMMUNITY CLASS:	FO
COMMUNITY SERIES:	FOD
ECOSITE:	FOD3
VEGETATION TYPE:	Dry - Fresh Poplar Deciduous Forest Type FOD3-1
INCLUSION	
COMPLEX	

Notes: Roadside survey, no access

ELC STAND CHARACTERISTICS	SITE: <u>NORTHLAND</u>
	POLYGON: <u>43</u>
	DATE: <u>Sept. 15/11</u>
	SURVEYOR(S): <u>TRADBORN DEVANS</u>

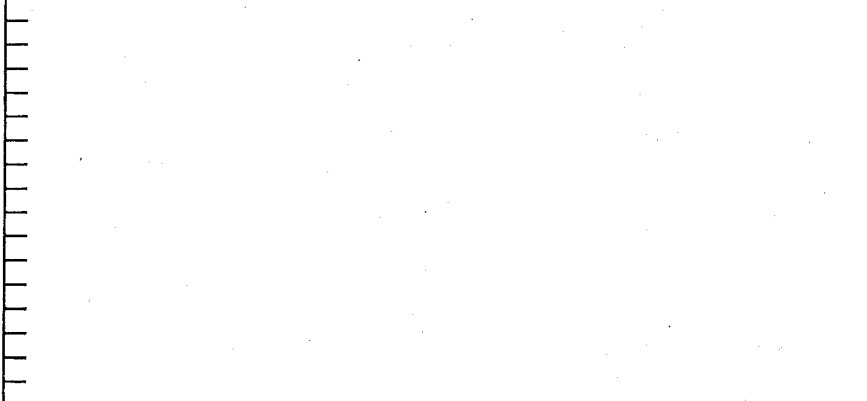
TREE TALLY BY SPECIES:

SPECIES	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AVG
PRISM FACTOR <input type="checkbox"/>							
N/A							
TOTAL							100
BASAL AREA (BA)							
DEAD							

STAND COMPOSITION:

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COMMUNITY PROFILE DIAGRAM



Notes:

Naturalized plantation.

ELC SOILS ONTARIO	SITE: <u>NORTHLAND</u>
	POLYGON: <u>43</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBORN DEVANS</u>

		Slope				UTM				
P/A	PP	Dr	Position	Aspect	%	Type	Class	Z	EASTING	NORTHING
1										
2										
3										
4										
5										

SOIL TEXTURE & HORIZON	1	2	3	4	5
	N/A				

A	TEXTURE					
	COURSE FRAGMENTS					
B	TEXTURE					
	COURSE FRAGMENTS					
C	TEXTURE					
	COURSE FRAGMENTS					
	EFFECTIVE TEXTURE					
	SURFACE STONINESS					
	SURFACE ROCKINESS					
DEPTH TO / OF						
	MOTTLES					
	GLEYS					
	BEDROCK					
	WATER TABLE					
	CARBONATES					
	DEPTH OF ORGANICS					
	PORE SIZE DISC #1					
	PORE SIZE DISC #2					
	MOISTURE REGIME					
	SOIL SURVEY MAP					
	LEGEND CLASS					

ELC PLANT SPECIES LIST	SITE: <u>NORTHLAND</u>
	POLYGON: <u>43</u>
	DATE: <u>Sept 15/11</u>
	SURVEYOR(S): <u>TRADBORN DEVANS</u>

LAYERS: 1 = CANOPY 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
 ABUNDANCE CODES: R = RARE O = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Balsam Poplar	D	O	R		
Scots pine		D	O		
W.Ash		R	R		

SPECIES CODE	LAYER				COL.
	1	2	3	4	
Goldenrod				O	
Wild grape			O	R	
L.W. Aster				R	
N.E. Aster				R	
Birch Bush			R		
Willow			R		

ELC MANAGEMENT / DISTURBANCE	SITE: <u>NORTHLAND</u>				SCORE †
	POLYGON: <u>43</u>				
	DATE: <u>Sept 15/11</u>				
	SURVEYOR(S): <u>TRADBORN DEVANS</u>				
DISTURBANCE / EXTENT	0	1	2	3	
TIME SINCE LOGGING	> 30-YRS	15-30 YRS	5-15 YRS	0-5 YEARS	
INTENSITY OF LOGGING	NONE	FUEL WOOD	SELECTIVE	DIAMETER LIMIT	
EXTENT OF LOGGING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
SUGAR BUSH OPERATIONS	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF OPERATIONS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
GAPS IN FOREST CANOPY	NONE	SMALL	INTERMEDIATE	LARGE	
EXTENT OF GAPS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
LIVESTOCK (GRAZING)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF LIVESTOCK	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ALIEN SPECIES	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF ALIEN SPECIES	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
PLANTING (PLANTATION)	NONE	OCCASIONAL	ABUNDANT	DOMINANT	
EXTENT OF PLANTING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
TRACKS AND TRAILS	NONE	FAINT TRAILS	WELL MARKED	TRACKS OR	
EXTENT OF TRACKS/TRAILS	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DUMPING (RUBBISH)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DUMPING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
EARTH DISPLACEMENT	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISPLACEMENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
RECREATIONAL USE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF RECR. USE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
NOISE	NONE	SLIGHT	MODERATE	INTENSE	
EXTENT OF NOISE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
DISEASE/DEATH OF TREES	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF DISEASE / DEATH	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
WIND THROW (BLOW DOWN)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF WIND THROW	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BROWSE (e.g. DEER)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BROWSE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
BEAVER ACTIVITY	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF BEAVER	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FLOODING (pools & puddling)	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FLOODING	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
FIRE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF FIRE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
ICE DAMAGE	NONE	LIGHT	MODERATE	HEAVY	
EXTENT OF ICE DAMAGE	NONE	LOCAL	WIDESPREAD	EXTENSIVE	
OTHER	NONE	LIGHT	MODERATE	HEAVY	
EXTENT	NONE	LOCAL	WIDESPREAD	EXTENSIVE	

† INTENSITY x EXTENT = SCORE

ELC WILDLIFE	SITE: <u>NORTHLAND</u>		
	POLYGON: <u>43</u>		
	DATE: <u>Sept 15/11</u>		
	SURVEYOR(S): <u>TRADBORN DEVANS</u>		
START TIME:	END TIME:		
TEMP (°C): <u>12</u>	CLOUD (10th): <u>6</u>	WIND: <u>1</u>	PRECIPITATION: <u>none</u>
CONDITIONS:			
POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/> VERNAL POOLS	<input checked="" type="checkbox"/> SNAGS		
<input type="checkbox"/> HIBERNACULA	<input type="checkbox"/> FALLEN LOGS		

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
	<u>none</u>		<u>noted</u>						

FAUNAL TYPE CODES (FY):

B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER

EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

