

**Appendix G**  
**Field Notes**

DRAFT

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 scan
"	"	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 for 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	

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## 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	WP#	#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	Yang
22 Mar '12	"	1	0	0	
"	B/W-35	75	0	0	long stump is dead
"	"	74	0	0	

DRAFT



PLANT SPECIES LIST	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	POLYGON: Grand Bend Turbines
	DATE: Feb 15/12 small patch north of Kippen Road
	SURVEYOR(S): SS + LL

FDS-1

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	0	DUMPING (RUBBISH)	0
GAPS IN THE CANOPY	3	EARTH DISPLACEMENT	0
LIVESTOCK (GRAZING)	0	RECREATIONAL USE	0
PLANTING (PLANTATION)	0	ALIEN SPECIES	2 2
TRACKS AND TRAILS	0	NOISE	1 1
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	1 1	FLOODING (POOLS & PUDDLING)	1 1
WINDTHROW (BLOWDOWN)	3 1	FIRE	0
BROWSE (e.g., DEER)	1 1	SOIL EROSION	0
BEAVER ACTIVITY	0	OTHER	0

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

PRISM FACTOR:

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
ACESASA	:: (4)	:: (4)					
BETALLE		:: (2)					
FAGGRAN		:: (3)					
DSTVIRG		:: (1)					
TOTAL							
BASAL AREA (BA)							MEAN
DEAD	:: (2)						

- lots of dead fall (<20 cm)
- swath appears to be damaged w more abundant snags + dead fall -> possibly wind or tornado damage
- elm dieback also quite abundant (<20 cm dbh)
- areas quite wet with more pooling

PLANT SPECIES LIST

SITE: Grand Bend Spring Surveys (WE-002)  
 POLYGON: Area "G" → SWD portion  
 DATE: May 7/12  
 SURVEYOR(S): LEL SWD4-3

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
MITDIPH				A							
LYSNUMM				A							
BETPAPY	0	0									
MITREPE				R							
CIRLUTE				0							
VIBLENT			0								
IRIS-SP				R							
PYRELIP				R							
LINBENZ			0								
DNOSENS				0							
RANABOR				R							
POPTREM	0	0									
ACESACC	A	A									
RANHSPCAR				0							
GALAPAR				0							
EQUHYEM				R							
LYCAMER				R							
RUBPUBE				A							
ULMAMER	0	A									
TIACORD				R							

WTDE-tx  
 Wood Frog obs.  
 lots of silver maple regem  
 dead ash  
 pools & mossy hummocks  
 -southeast portion bird-poplar-elm swamp w some ACESACC

STAND CHARACTERISTICS

SITE: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_  
 UTMZ: \_\_\_\_\_  
 POLYGON: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 UTME: \_\_\_\_\_  
 UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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 checked="" 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 checked="" 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 WAT. <input checked="" 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 (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			POPTREM > BETPAPY > ULMAMER > ACESACC
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	D	< 10cm	A	10-24cm	0	25-50cm	N	> 50cm
STANDING SNAGS	0	< 10cm	0	10-24cm	R	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	0	< 10cm	R	10-24cm	N	25-50cm	N
	DECAYED	R	< 10cm	R	10-24cm	N	25-50cm	N

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				





PLANT SPECIES LIST

SITE: Grand Bend Spring Survey W-026

POLYGON: Area "G" → FOD portion FOD4-2

DATE: May 7/12

SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
TRIGRAN				0		QUERUBR	0	0			
ASTMACR				0		CARCARO			0		
FRAVIRG				A		BETPAPY	0	0			
ANEQUIN				0		TRIEREC				0	
PEDCANA				R		HAMVIRG			R		
TAROFFI				0		Prenanthes sp.				0	
MAICANA				0		MITREPE				R	
GERROBE				R		ACTRUBR				R	
VIOSORO				R		CIRLUTE				R	
VIOPUBE				R		GERMACH				R	
VIOCUCU				R		CARBRDM				R	
LILMICH				R		CORALTE		0			
GALAPAR				0		CANGIGA				0	
RHACATH			0			ASACANA				0	
ERYAMER				A		VERDEFFI				R	
EMOOROV				0		PYRELIP				R	
PODPELT				A		POLACRO				R	
POLPUBE				0		RANABOR				R	
ARITRIP				0		VITRIPA	0	0			
MAIRACE				0		AGRGYP				R	
MITDIPH				0		RIBRUBR			A		
CARGRAC				R		RANRECU				R	
PRUSERO		R	R			RHRADI				R	
ACESASA	0	0				RHRHYD				R	
LONDIOI				A		THATHAL				R	
SOLFLEX				0		RANHIPCARI				R	
VIBACER				0		OZMCLAY				R	
LYSNUNU				0		CARROSE				0	

442636  
4799786

SOSP  
WTDE-tx  
RBGBB  
BHCB  
BCCH  
NOFL  
AMCR  
OVEN  
AMGO  
HOWR  
INBU  
DOWO

- wet  
sloughs  
w/ 10cm  
in several  
spots in  
this comm.

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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"/> PLANTATION

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			ACESASA > QUERUBR etc. (check when leaves are out)
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	0	< 10cm	A	10-24cm	0	25-50cm	R	> 50cm
STANDING SNAGS	0	< 10cm	0	10-24cm	R	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	0	< 10cm	R	10-24cm	N	25-50cm	N
	DECAYED	R	< 10cm	R	10-24cm	N	25-50cm	N

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				



PLANT SPECIES LIST

SITE: Grand Bend Spring Surveys  
 POLYGON: AREA H  
 DATE: May 7/12  
 SURVEYOR(S): LFL

W-021

BHCB  
 NOFL  
 WBNH  
 GCFL  
 AMGO  
 SOSP  
 AMRO  
 BCCH  
 BLJA

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
GERMACU				A	
MAISTEL				A	
TRIGRAN				A	
MAICANA				O	
UVUGRAN				A	
ANEQUIN				O	
VIDCUCU				O	
CAUGIGA				O	
TAROFFI				O	
PODPELT				O	
EUODOV				O	
GERROBE				O	
ARITRIP				O	
ERYAMER				A	
SOLFLEX				O	
POLPUBE				R	
ALLPETI				O	
VIOSORO				R	
CARINTU				R	
IMCAPE				R	
LILMICH				R	
TIACORD				R	
GALAPAR				O	
FRVIRG				R	
Prenanthes sp.				O	
RANABOR				R	
MAIRACE				O	
TRIEREC				O	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
Amelanchier sp.			R		
PRUVIRG			O		
RIBRUBR			O		
ASACANA				O	
RHURADI			O		
VIOPUBE				R	
CARRADI				O	
CARGRAC				O	
ANEAMERICANA				O	
RUBPUBE			O		
CARBROM				O	
ASTMACR				R	
DRYMARG				O	
LONDIOI			O		
CIRLUTE				R	
ALLTRIC				R	
OZMCLAY				R	
TIACORD				O	
Galium concinnum			R		✓
ACTRUBR				R	
ONOSENS				R	
QUERUBR	A	A			
FRAMER	R				
TILAMER	R	R			
ULMAMER	O	O			
CARCORD			O		
OSTVIRG			A		
ACESASA	A	A			

- woodland pools w/ ~10cm water (looks great for amphib. breeding!)

STAND CHARACTERISTICS SITE: POLYGON: SURVEYOR(S): DATE: UTMZ: UTME: UTMN:

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE		COVER			
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" 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 (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			ACESASA > QUERUBR
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			TRIGRAN > ERYAMER > MAISTEL > GERMACU

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	A	10-24cm	A	25-50cm	R	> 50cm
STANDING SNAGS	0		0	0	0	0	0
DEADFALL/LOGS	FIRM	0	0	0	0	0	0
	DECAYED	R	R	N	N	N	N

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

LIST	DATE: AREA H May 7/12
	SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.			
	1	2	3	4			1	2	3	4				
POLACRO				R										
ABIBALS	R													
VIBACER			R											
MITREPENS				R										
MATSTRU				R										
LINBENZ			R											
PRUSECO		R	R											
CARPRAT				R	4421 65 4799 279									
AGRGRYP				O										
CORALTE			R											
CARDOUNG				R										
CARDIPHYLLA				R										
LAPCANNA				R										
FRAVESC				O										
ERIPULC				R	✓									
THATHAL				R										
FAGGRAN	O	O												
RANHISPRV		CAR1		A										
VIOCANNA				R										

BWVA  
HowR  
OVEN

DATE:	
SURVEYOR(S):	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	2	DUMPING (RUBBISH)	1
GAPS IN THE CANOPY	2	EARTH DISPLACEMENT tip ups	1
LIVESTOCK (GRAZING)	1	RECREATIONAL USE	1
PLANTING (PLANTATION)	1	ALIEN SPECIES ALL PETI	1
TRACKS AND TRAILS	2	NOISE	2
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH <sup>ash</sup> FAGGRAN	1	FLOODING (POOLS & PUDDLING)	2
WINDTHROW (BLOWDOWN)	1	FIRE	1
BROWSE (e.g., DEER)	1	SOIL EROSION	1
BEAVER ACTIVITY	1	OTHER	1

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

- south end has more ABIBALS → more like FOM at this end
- more garlic mustard at north end
- younger at north end; more dead ash trees; drier (no pools); more cutting and access roads at N end
- some ash regeneration in understory



PLANT SPECIES LIST

SITE: Grand Bend Area "C"

POLYGON: F05-8

DATE: May 16/2012

SURVEYOR(S): LEL

W-037

Monard 443547/4804176  
A 2x BASCO Fragings

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
ACESASA	A	A			
FRAVESC				R	
ARITRIP				O	
RUBIDAE			R		
PRUVLG				O	
RHACATH			R		
FRAMER	O	O			
POPTREM	R				
TAROFFI				R	
GEUVERN				R	
VIOSORO				O	
PRUVIRG			A		
RIBRUBR				O	
PRUSERO	R	R			
OSTVIRG				O	
RHARYDB				O	
TILAMER	R	O			
ONOSENS				O	
ERYAMER			A		
ANEVIRG			R		
POLPUBE				O	
ROSMULT			R		
EQUHYME				R	
GLYSTRI				R	
ARCMINH				R	
BERITHUN			R		
MAICANA				O	
Pilea sp				R	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
GEUALEP					O
ALLPETI					O
CARCARD				O	
CIRLUCE					R
CARROSE					R
GERROBE					R
CAUGIGA					O
UVUGRAN					R
SOLFLEX					O
CARDIPH					R
GALAPAR					R
Laxi Novata					R
ABIBALS	O	O			
HAMVIRG					R
Piu chery			R		
CARPENS					O
ALLTRIC					R
ANEDWIN					R
ACTRUBR					R
THATHAL					R
MAIRACE					O
Prunella sp					O
DRYMARG					R
ASTMACR					R
THADIN					R
VIBTRIL					R
MITREPE					R
CORALTE					R
MAISTEL					R

AMPO  
BNWA  
INBU  
NOFL  
CEWA  
GCFL  
AMOR  
SCTA  
COYE  
RBBB

- occasional  
- central  
two portion of  
has lots of  
ABIBALS  
(small tree)  
SPP

deep in water  
at  
443724  
480426

- drainage  
tile  
outlet  
from  
field &  
drain to  
stream  
(eroded  
channel)

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			ACESASA > FRAMER > FAGGRAN > PRUSERO
2 CANOPY	2	5	ACESASA > FRAMER > FAGGRAN > OSTVIRG
3 SUB-CANOPY	3	4	ACESASA > PRUVIRG > RUBIDAE > RIBRUBR
4 UNDERSTORY	2	3	ERYAMER > CARROSE > GEUALEP > MAICANA
5 GROUND LAYER	6	4	

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

	TREES	D					
		< 10cm	A	10-24cm	A	25-50cm	O
STANDING SNAGS			R		R		
DEADFALL/LOGS	FIRM	O		R		R	
	DECAYED	R		R		R	

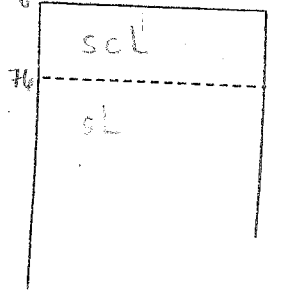
COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE	scl			
DEPTH TO MOTTLES	g = none	g =	g =	g =
DEPTH TO GLEY	G = none	G =	G =	G =
DEPTH OF ORGANICS	n/a			
DEPTH TO BEDROCK	n/a			
MOISTURE REGIME				

soil at 443938





PLANT SPECIES LIST

SITE: Grand Bend Area "C" WE-009/WE-011

POLYGON: SWT2-5

DATE: May 16/2012

SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
RANHISPVAR CAR				A							
GLYSTRI				0							
IMPCAPE				A							
VIOSORO				U							
ALLPETI				R							
ALLPETI				R							
RUMDBI				0							
SALIX sp.	R										
FRAPENN	R										
MLMAMER	R										
Carly tenora ?				0							
CORSTOL			A								
TILAMER	R										
ARCMINH				R							
RIBRUBR			0								
SAMPUBE			0								

REVI

- stream has <10cm of water  
 - good cavity trees (2)  
 - SWT in floodplain

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	YOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	4	5	FRAPENN = TILAMER etc.
3 SUB-CANOPY			CORSTOL
4 UNDERSTORY			
5 GROUND LAYER	6	5	RANHISPVAR CARL > IMPCAPE > SALIX sp.

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

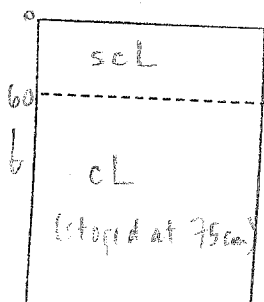
TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE	scl			
DEPTH TO MOTTLES	g = 45	g =	g =	g =
DEPTH TO GLEY	G = 0	G =	G =	G =
DEPTH OF ORGANICS	n/a			
DEPTH TO BEDROCK	n/a			
MOISTURE REGIME				



@ 443831  
 2012/2/22



PLANT SPECIES LIST

SITE: Grand Bend sark + Spring Surveys W-036

POLYGON: Area "D" FOD4-2

DATE: May 16/12

SURVEYOR(S): LEL

GCFL  
CEWA  
BLTA  
INBU  
WTBE  
AMGO  
REVI

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
ASACANA				R	
DNOSENS				0	
FRAMER	A	A			
BETPAPY	0	0			
POPTREM	0	0			
PARINSE				0	
DIRPALM			R		
Pycnanthus sp				R	
RHURVDB				A	
PRUVIRG			A		
RUBPUBE				A	
PYRELIP				0	
CARCARD			A		
GENALEP				A	
VIBACER			0		
GALOBTH				R	
POLPUBE				R	
ERYAMER				0	
FRAVESC				0	
MITREPE				0	
TARDEFI				R	
MAIRACE				0	
HAMVIRG			R		
VIOSORO				0	
VIOPUBE				R	
CARADI				R	
CALGRAC				R	
TRIEREC				R	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
AGESASA	0	0			
ABIBALS	R				
CARPENS				0	
CORALTE				0	
THACORD				R	
CARINTH				R	
PBRUBR			0		
ULMIAMER	0				
RUCATD		R			
PTEADWL				0	
ARITRIP				R	
EQUHYME				R	
LONDIOL				0	
FAGGRAN	0	0			
SOLFLEX				R	
GERROBE				R	
ASTMACR				R	
MAISTEL				R	
ROSMULT			R		
ERIPULC				R	
VEROFFI				R	
OSTVIRG	0	0			
DRYCART				R	
CARDIPH				R	
TRIGRAN				R	
VIOCHCH				R	

-depressions no longer hold water

-small vertical pool w/ 3m water @ 493327 4803497

-occasional ABIBALS

-more Poplar + Birch at edge of plot

-adv. young

-nice patch of CARPENS

-a few big healthy looking Lycopodium

-adventitious wandering on ash

-w/ spots of no standing water (dried up)

-some areas w/ lots of beech

AMGO  
AMGO  
PBAB

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 checked="" 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"/> PLANTATION
SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAMER > ACESASA > CARCARD > OSTVIRG
3 SUB-CANOPY	3	3	FRAMER > ACESASA > CARCARD > OSTVIRG
4 UNDERSTORY	4	4	HAMVIRG > PRUVIRG > VIBACER > PBRUBR
5 GROUND LAYER	6	5	GENALEP > RUBPUBE > VIOSORO > LAYERS

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

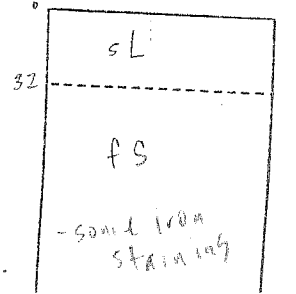
TREES	0	< 10cm	A	10-24cm	A	25-50cm	0	> 50cm
STANDING SNAGS	0	< 10cm	0	10-24cm	R	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	0	< 10cm	0	10-24cm	R	25-50cm	N
	DECAYED	R	< 10cm	R	10-24cm	N	25-50cm	N

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE	sl			
DEPTH TO MOTTLES	g = n/a	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	n/a			
DEPTH TO BEDROCK	n/a			
MOISTURE REGIME				



soil sample at 457





-ELC check + SAR

W-036

PLANT SPECIES LIST

SITE: Grand Bend Spring Surveys

POLYGON: Area "D" FOD change to FOD3-2

DATE: 16 May 2012 Poplar-Bird

SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BLAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

WBNH  
BCC4  
BLJA  
INBU  
AMCK  
RBGB  
GCLL

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
FRAAMER	0	0	A		
EUODBOV				0	
RHURYDB				A	
ULMAMER		A			
PRUVIRG			0		
GALAPAR				A	
PYRELIP				0	
VIBLENT			0		
ACTRUBR				R	
CIRLITE				0	
POPTREM	A	A			
RIBRUBR				0	
CORALTE			0		
ARITRIP.				R	
RUBPUBE				A	
CARCARO			R		
PRUSERO	R	0			
TRIEREC				R	
MAICANIA				A	
POPDELT	R				
GEUALEP				0	
TAROFFI				0	
PALINSE				0	
PTEAQUI				0	
VIOPUBE				0	
Carry sp.				0	
BETPAPY	A	A			
CARINTU				0	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
VIOSORO				0	
RANABBR				R	
PDPBALS	R				
EQUHYAIE				0	
LONDIOI				0	
DNOSENS				0	
FRAVESC				0	
BERTHUN			0		
AGRGRYP				R	
GALOBTU				R	
CARADI				R	
MITREPE				0	
CARGRAC				R	
ACESASA	R				
CARPENS				0	
MAIRACE				R	
Crat-sp.				R	
VIBACER				0	
ACERUBR	R				
RUBIDAE				0	
TRIEREC				R	
MITDIPH				R	
ASALANA				R	

-south edge has more poplar than rest of woodland (younger in general)

-lots of horsetail in understory

-lots of ash regrowth

-dead ash in canopy

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	POPTREM = BETPAPY >> FRAAMER
3 SUB-CANOPY	3	3	POPTREM = BETPAPY > ULMAMER > FRAAMER
4 UNDERSTORY	4	3	PRUVIRG > FRAAMER > RHURYDB > RIBRUBR
5 GROUND LAYER	6	5	Viola sp. = RUBPUBE > CIRLITE > Carry spp

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	A	10-24cm	A	25-50cm	R	> 50cm
STANDING SNAGS	R	< 10cm	R	10-24cm	R	25-50cm	N > 50cm
DEADFALL/LOGS	FIRM	0	< 10cm	0	10-24cm	R	25-50cm R > 50cm
	DECAYED	R	< 10cm	R	10-24cm	N	25-50cm N > 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g = 0	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	w/a			
DEPTH TO BEDROCK	w/a			
MOISTURE REGIME				

SL

fs

- Iron staining in sand but no strong mottles

soil sample A1442652.111



PLANT SPECIES LIST

SITE: Grand Bend Area "C" TW-010

POLYGON: MAS2-2

DATE: 16 May 2012

SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
CARBULB				R							
RANHSPCAR				A							
IMPCAPE				A							
Synlance				A							
CICBULB				R							
CARSTRI				R							
CARSP				0							
SOLDULC				0							
Ludwigia				R							
SUSUHU				R							
VRTDIGR				R							
PHARUN			A								
ALLIETI				R							
CALPALM				R							
SAMFUBE				R							
CORSTOL				R							
Polygonum sp				A							
RUMRBI				R							
CARSTII				R							
RUBALLE				0							

NOCA  
SOSP  
SCTA  
HOWR  
WODU  
BCCH  
AMTO  
WTDE  
TUVU

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input 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"/> ROLLING 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 checked="" type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVD. <input checked="" 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 checked="" 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"/> PLANTATION
SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	4	5	PHARUN
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER	6	5	RANHSPCAR > IMPCAPE > Carley sp

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

	TREES			
	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE	scl			
DEPTH TO MOTTLES	g = 13	g =	g =	g =
DEPTH TO GLEY	G = none	G =	G =	G =
DEPTH OF ORGANICS	13 cm			
DEPTH TO BEDROCK	> 120 cm			
MOISTURE REGIME				

13  
Organics (humic)  
mottles at surface  
scl  
70  
cl

Soil sample 443746





W-067

PLANT SPECIES LIST

SITE: Grand Road

POLYGON: A-FOOS-1

DATE: 18/05/12

SURVEYOR(S): Sal Spitalo

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.			
	1	2	3	4			1	2	3	4				
ARISTRI														
PODPEIT														
ERYAMER														
CAUSTIAL														
ALLTRIC														
VIOPLAE														
TRIOGRAN														
TRIEREC														
YOLORO														
Quintara														

YENA  
BPCO  
BLSA  
GRCA  
AMRE  
AnRO  
AMCR  
BOWA  
NOFL  
TRSW  
RWBA  
SASP

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				







W-018

**PLANT SPECIES LIST**

SITE: Grand Bend  
 POLYGON: F004-2 (G)  
 DATE: May 24, 2012  
 SURVEYOR(S): Sal Spitzer

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	

AMRE  
 BIEN  
 AMRO  
 LOUR  
 AMCK  
 BOCH  
 REVI  
 WOTH  
 GORL  
 WITU  
 RTHU  
 LWPE

**STAND CHARACTERISTICS**

SITE: \_\_\_\_\_ POLYGON: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_ DATE: \_\_\_\_\_  
 UTMZ: \_\_\_\_\_ UTM E: \_\_\_\_\_ UTMN: \_\_\_\_\_

**POLYGON DESCRIPTION**

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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

**STAND DESCRIPTION**

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

**SIZE CLASS ANALYSIS**

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

**COMMUNITY MATURITY**

PIONEER  
  YOUNG  
  MID-AGE  
  MATURE  
  OLD-GROWTH

**SOIL ASSESSMENT**

442906, 4800297

	1	2	3	4
TEXTURE	SC	SC	SC	
DEPTH TO MOTTLES	0 = 20	0 = 15	0 = 12	0 =
DEPTH TO GLEY	G = /	G = /	G = /	G =
DEPTH OF ORGANICS	1cm	2	2	
DEPTH TO BEDROCK	4	1	1	
MOISTURE REGIME	2	2		

Handwritten notes:

0-1cm H2O			
5L	5L	5L	
20cm	15cm	12cm	
SC	SC	SC	
30+	30+	25+	

442887





WE-003

PLANT SPECIES LIST

SITE: Grand Bend  
 POLYGON: E-SWD 2-2  
 DATE: Mar 10 2012  
 SURVEYOR(S): Sal Spidale

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
PODPELT				R							
MAIVTEL				R							
MAIRACE				R							
VIO PUBE				D							
Wild ginger				R							
ARITRIP				D							
ERYAMOR				A							
HYD VIRG				R							
POL PUBE				R							
TRICREC				R							
VIO JORO				D							
ANE CIND				D							
MAICANA				A							
VIO PAPA				D							
CARBULB	4	4	3	7	0	5	4	8	0	48	2352 (local to SWD inclusion)
DSV				D							large 70.5 ha SWD in the Woodland

Gr. her incl  
 B-GWA  
 RGR  
 DGR  
 WOTM  
 DCLH  
 WESA

STAND CHARACTERISTICS

SITE: \_\_\_\_\_ POLYGON: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_ DATE: \_\_\_\_\_  
 UTMZ: \_\_\_\_\_ UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES		< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				



WE-003

PLANT SPECIES LIST

SITE: Grand Bend, Overaside - block E

POLYGON: SWD 2-2 - unit E

DATE: May 30 2012

SURVEYOR(S): J. Sal Spitalo

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

449849,  
4802379

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
PYRELIP			R		
VIBLANT			O		Y
PARAVU			R		
IMPCAP			O		
BERROSE			O		
CORALUPEL			O		Y
CORALGYN			R		Y
GLYTRI			O		
IRIVERS			R		
TYPLATI			R		
RUBTRIS			OD		
FRADOWN	A				
FRANIGE	R				
OWDSEN		A			
COAAROL		A			
COAFORM		A			
Rough herb			O		
rough tree			R		
ALIPLA-AQU			R		
bonier			O		
VERHANT			O		
EALACU			O		
JUNFFEV			R		
SCHTAR			R		
SCITRO			R		
CARLACU			O		
CARTUCK			R		

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
CARLEPT				R	
CARRADI				R	
CARLUPI				R	
VIBLANT					

RUGR  
 .WONA  
 SWSP-AE  
 LLPL  
 WILR  
 REV  
 WOTH  
 COCH  
 BHCO  
 GRE  
 COME  
 YEN  
 RWR  
 RWR  
 BOOC  
 GOF-ag.  
 LWPE  
 LOTE  
 AMRE  
 AMLD  
 OVEN  
 SOSP  
 NOEC  
 NOGR

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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 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
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK				<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREE	

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRADOWN >> OCTIPY >> DICAMER-LAM
3 SUB-CANOPY	3	4	FRADOWN >> FRANIGE
4 UNDERSTORY	4		FRADOWN > LINREN2 = CORFDEM
5 GROUND LAYER	6		Sedges

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

STANDING SNAGS	TREES	STANDING SNAGS				
		A < 10cm	R 10-24cm	R 25-50cm	N > 50cm	N > 50cm
FIRM	O	< 10cm	R 10-24cm	R 25-50cm	N > 50cm	N > 50cm
DECAYED	O	< 10cm	R 10-24cm	R 25-50cm	N > 50cm	N > 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

449.726, 480.2449

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	g = 40	g = 40	g = 45	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	10cm			
DEPTH TO BEDROCK	No			
MOISTURE REGIME	4	4	4	

SL 50 SL

10cm 10cm 10cm

FS FS FS

90 40 45

90 50 50

50 50 50

PLANT SPECIES LIST

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: / /

SURVEYOR(S): \_\_\_\_\_

DISTURBANCE and STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
CMS												
RHUTYPH		0										
ALTRAPY		R										
CARCARD		0										
FRAPENN		0										
POPRELM		0										
SOCCANA			D									
DAUCARD			0									
POA PRAT			A									
Yarrow			0									
FRANIRG			A									
onyx eye daisy			R									
RUBIOME			0									
LOLGIGA			R									
ASC MACU			R									

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	0/0	DUMPING (RUBBISH)	0/0
GAPS IN THE CANOPY	1/1	EARTH DISPLACEMENT	1/1
LIVESTOCK (GRAZING)	0/0	RECREATIONAL USE	0/1
PLANTING (PLANTATION)	0/0	ALIEN SPECIES	2/2
TRACKS AND TRAILS	1/1	NOISE	2/2
NATURAL DISTURBANCES		NATURAL DISTURBANCES	
DISEASE / PESTS / DEATH	0/0	FLOODING (POOLS & PUDDLING)	2/2
WINDTHROW (BLOWDOWN)	0/0	FIRE	0/0
BROWSE (e.g., DEER)	0/0	SOIL EROSION	0/0
BEAVER ACTIVITY	0/0	OTHER	0/0

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	PRISM FACTOR:
							REL. AV.
FRAPENN		5	5			13	
FRANIGRA							
ALTRAPY						2	
<del>CARCARD</del>							
UIMAMER						4	
CARCARD						2	
POPRELM						1	
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

POPRELM

W-026

**PLANT SPECIES LIST**

SITE: Grand Pond  
 POLYGON: E-F05-8  
 DATE: May 10 2012  
 SURVEYOR(S): Sal Spitalo

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
TRICORAN			R								
Wild ginger			R								
ACITRIP			O								
ERYAMER			A								
MAICANA			A								
<del>ACETT</del>											
LUODAN			O								
TRIVERE			R								
MAIRACE			R								
VIOPAR			O								
VIOPURE			O								
POPELT			R								
VIOSORO			O								
CAUTHAL			R								
TIACARD			O								
DALTEL			R								
MEDVIRG			R								
POLPURE			R								
bluehead lily			R								
UVUGRAN			R								
LOMAIQC			O								
MKDIPT			O								
<del>SM IGI</del>											
white lily			R								

- AMEC
- BAOR
- TAVU
- RBBR
- RTAA
- HAWO
- ACCH
- WOFL
- BHCO
- WOTH
- PAWA
- GCFC
- PELWA
- INDY
- LEFL
- OVEN
- REVI
- AMRE
- BAOR nest

**STAND CHARACTERISTICS**

SITE: \_\_\_\_\_ POLYGON: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_ DATE: \_\_\_\_\_  
 UTMZ: \_\_\_\_\_ UTMN: \_\_\_\_\_

**POLYGON DESCRIPTION**

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF	<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"/> 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"/> PRADIE <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 WAT. <input type="checkbox"/> SUPERFICIAL DEP. <input type="checkbox"/> BEDROCK	<input type="checkbox"/> ORGANIC <input type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF	<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"/> 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"/> PRADIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
		<input type="checkbox"/> TALLS <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	<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	

**STAND DESCRIPTION**

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

**SIZE CLASS ANALYSIS**

	TREES			
	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

**COMMUNITY MATURITY**

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

**SOIL ASSESSMENT**

TEXTURE	1	2	3	4
DEPTH TO MOTTLES g =	g =	g =	g =	g =
DEPTH TO GLEY G =	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

swamp - 443345, 4802145





11227 - burly  
Spartan

PLANT SPECIES LIST

SITE: Grand Bend WE-001

POLYGON: J - SW022

DATE: Mar 23 2012

SURVEYOR(S): J. Sal. G. Biele

GCPL  
11012  
BACI  
FISP  
SAMBO

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
ULM AMER	R	O				CAR BROM				R	
FRAPENN	A	A	O								
POPOCCT	R	R									
RHACASTI		R	O								
EGU				A							
FRANIGR		O	R								
POPTREM	O	O									
IMPLARE				A							
ARIDRIP				O							
HAMVIRG		R	R								
DUNELNS				O							
CORSTOL			R	R							
CORFLEM			R								
CORFLOR			R								
ACE SAGI	R	O									
ACTALLE	R										
FRANFLOW				R							
LINDEN2				A							

WOTH  
YELW  
TRSW  
KLWB  
GRCA  
ACCH  
WITW  
NOFL  
CATH  
KBGR  
DEP  
WYE  
AMCR  
COR  
EATDche

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
<b>SITE</b>	<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<b>COVER</b>	<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	4	FRAPENN > DACLYVACCI
3 SUB-CANOPY	7	4	FRAPENN > ULM AMER = ACEVACC = POPTREM
4 UNDERSTORY	5	4	LINDEN2 > FRAPENN > RHACASTI
5 GROUND LAYER	6	1	

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

STANDING SNAGS	TREES		DEADFALL/LOGS	
	FIRM	DECAYED	FIRM	DECAYED
	A	< 10cm	A	10-24cm
	R	< 10cm	O	10-24cm
	A	< 10cm	O	10-24cm
	A	< 10cm	O	10-24cm
			O	25-50cm
			R	> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	0 = 0	0 = 0	0 = 0	0 = 0
DEPTH TO GLEY	G = 0	G = 0	G = 0	G = 0
DEPTH OF ORGANICS	1cm	1cm	1cm	
DEPTH TO BEDROCK	0		W3	
MOISTURE REGIME	2	2	2	

SL 10cm  
fine sand ↓

NO - 442 975 4292 271

Wade  
L. 10/11

447747

NO  
434735  
797736  
+  
43442,  
797722

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: ;
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
HAMURK		A				FAG-CRAN	R	R			
NETPAPY	R	O				VIBLNT					
ACERMBR	O	A				LIM AMOR			A		
NETPAPY						POTSIMP				R	
BRACKEN											
ACETASA	R	R									
EUDORON				O							
LYAMER				O							
CARCOED			O								
MALRACE				O							
GLDIP				R							
FRAPENN	O	O									
TILAMER	R										
PYRELIP				R							
NETCHUB			A								
CORSOLE			R	R							
PARTRIDGE				O							
SYMACE				R							
ARITRP											

NET 1  
 CUM  
 BRACKEN  
 CORSOLE  
 SOL. LIPS P  
 PRUVIRO  
 JUNCOMM  
 SEN OBOV  
 DANCAPA  
 H MILL

FRVIRG  
 PUNTRD  
 FRAMER  
 POA PRAT  
 ACERMBR  
 RAN ACRI  
 ZIZAURE  
 RUBIOME  
 HIERVUG

Senecio obovatus - mid-level regrowth

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	0	DUMPING (RUBBISH)	1
GAPS IN THE CANOPY	1	EARTH DISPLACEMENT	0
LIVESTOCK (GRAZING)	0	RECREATIONAL USE	0
PLANTING (PLANTATION)	0	ALIEN SPECIES	1
TRACKS AND TRAILS	1	NOISE	1
NATURAL DISTURBANCES		NATURAL DISTURBANCES	
DISEASE / PESTS / DEATH	0	FLOODING (POOLS & PUDDLING)	1
WINDTHROW (BLOWDOWN)	0	FIRE	0
BROWSE (e.g., DEER)	0	SOIL EROSION	0
BEAVER ACTIVITY	0	OTHER	0

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTORS	
						TOTAL	REL. AV.
POP TREM	1					7	
FRAPENN			1			9	
LIM AMOR						3	
POP DOLT						2	
ACELACI						3	
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

yellow/orange wood  
 black wood, white  
 white wood









PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	
LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE			

PRISM FACTOR:

SPECIES CODE	TALLY					TOTAL	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

Mugh poplarish SWD 0449205, 479884  
44938, 47988

WE-001

GRCA RBWD

SPIC  
VDFR

REIN TUVU  
BHPD

J = B+B-WA  
I can only see ...

PLANT SPECIES LIST

SITE: Grand Bend  
POLYGON: J-F0042 SWD42  
DATE: May 8 2012  
SURVEYOR(S): J. Spitalo

STAND CHARACTERISTICS

SITE: \_\_\_\_\_  
SURVEYOR(S): \_\_\_\_\_  
UTMZ: \_\_\_\_\_  
UTME: \_\_\_\_\_  
UTMN: \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
VIDCONV					0
DGNDRPH				R	
MAICANJA				A	
ERYAMOR				A	
MAIRACE				R	
ARITRIP				0	
TIACORD				R	
ENDORVA				0	
NITREPE				R	
VIOPHBE				R	
VIOSORS				R	
TRAVIRG				A	
TRIEREC				R	
CARPENN				R	
White beech				R	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
POPOALS	A				
FRAVIRG	R				
FRAPOEN	A				
ALVIRY	A				
POPTREM	0				

CELA  
CMLA  
PAWA  
YRLWA  
FISP  
HOLA  
AMRO  
BECH  
RLDD  
ADIGO  
COYE  
OVEN  
RBGR (mass)  
EAPH  
ULTA  
GWNA (low-land)  
GWNA  
NOCA  
WOTH  
AMER  
MAWA

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

STANDING SNAGS	TREES				
	< 10cm	10-24cm	25-50cm	> 50cm	
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

Cardamin

and you have ...

BRVW-4 ...



BFGWA

200-200-200-200-200-200

W-01A

PLANT SPECIES LIST

SITE: Grand Bend

POLYGON: I - F004-2

DATE: May 8, 2012

SURVEYOR(S): Val Spitzale

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
GERMACL				A	
ALLPST				A	
VLDGRS			O		
FRVKB				A	
PLITRIP				O	
MATRACE				O	
PODPECT				R	
TRYAMER				R	
HYDVIRG				R	
THADPNE				R	
MAJTEL				O	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
CARCORD	A				
FRAPENN	A				
ACE-FREZR	R				
TILAMER	O				
ACCJASA	O				
FAGGRAN	R				

COOR  
 BUK  
 NOFL  
 AMER  
 AMRO  
 BAPE  
 OVEN  
 CHWA  
 B-BWA  
 ROCK  
 BOWA  
 Maybank

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

POLYGON: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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"/> BAREEN <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES		< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	
LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE			

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

W-042

PLANT SPECIES LIST	SITE: Grand Bend
	POLYGON: R - F04-2
	DATE: 18/05/12
	SURVEYOR(S): Sal Spitale

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
TRIGRAN				R								
Vio Soro				0		ALC x FREE D						
MAICANA				R		FRAPAWN A						
VIOPURE				L								
ALLPETI				A								
Roya'ker				R								
GNASENS				0								
ERYAMER				R								

GRCA  
 INBU  
 RL00B  
 COYE  
 GOFL  
 AMRO  
 BLTA  
 YENWA  
 BSCN  
 AMCR  
 SOSP  
 ELPE  
 RBGB  
 COGR  
 REVI  
 CHWA  
 BAOR  
 OOLW  
 AMRE  
 LUW

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME:

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION			
LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS					
TREES		< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTILES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				



PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							
							MEAN

PLANT SPECIES LIST

SITE: Northland - T lines - Roadside area WE-012  
 POLYGON: SWD1 SWD 2-2  
 DATE: 1 June 12  
 SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
FRAPENN	A										
POPTREM	A	A									
RHACATH			0								
RHUTYPH			0								
SOLCANA				A	edge						

STAND CHARACTERISTICS

SITE: Northland  
 SURVEYOR(S): SKM  
 UTMZ: 17T UTM: 44438  
 POLYGON: SWD  
 DATE: 1 June 12  
 UTMN: 4804745

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE					
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK					
COVER					
<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED					

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN > POPTREM
3 SUB-CANOPY	3	4	ULMAMER
4 UNDERSTORY	4	4	RHACATH
5 GROUND LAYER			not visible

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	N	0	N	N
DEADFALL/LOGS not visible	FIRM < 10cm	10-24cm	25-50cm	> 50cm
DECAYED < 10cm		10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

**PLANT SPECIES LIST**

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

**DISTURBANCE and STAND CHARACTERISTICS**

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	/	DUMPING (RUBBISH)	/
GAPS IN THE CANOPY	/	EARTH DISPLACEMENT	/
LIVESTOCK (GRAZING)	/	RECREATIONAL USE	/
PLANTING (PLANTATION)	/	ALIEN SPECIES	/
TRACKS AND TRAILS	/	NOISE	/
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	/	FLOODING (POOLS & PUDDLING)	/
WINDTHROW (BLOWDOWN)	/	FIRE	/
BROWSE (e.g., DEER)	/	SOIL EROSION	/
BEAVER ACTIVITY	/	OTHER	/

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

**TREE TALLY BY SPECIES**

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTORS	
						TOTAL	REL. AV.
<b>TOTAL</b>							
<b>BASAL AREA (BA)</b>							
<b>DEAD</b>							

W-039

PLANT SPECIES LIST	SITE: Northland-T-line (Roadside)
	POLYGON: FOD 1 FOD 7-2
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			
FRAPENN	DD												
ULMAMER	0												
RHACATH			D										

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME: 44438 UTMN: 4804705

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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 checked="" type="checkbox"/> BRYOPHYTE <input checked="" 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"/> PRADRIE <input type="checkbox"/> THICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input checked="" type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION
SITE		COVER			
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input checked="" type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREE			

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN
3 SUB-CANOPY	3	5	FRAPENN
4 UNDERSTORY	4	5	RHACATH
5 GROUND LAYER			not

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	A	10-24cm	A	25-50cm	N	> 50cm
STANDING SNAGS	0	< 10cm	0	10-24cm	0	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TREE TALLY BY SPECIES					PRISM FACTORS	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

**W-039**

PLANT SPECIES LIST	SITE: Northland - T-lines (Roadside)
	POLYGON: FOD 2 FOD 7-2
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL	SPECIES CODE	LAYER				COLL	
	1	2	3	4			1	2	3	4		
FRAPENN	D	D										
PIRABIC		R										
RHYTYPH		O	A									
SOLCANA				A	edge							
PRUJ.RG			A									
PTEAGUI				B								
BROINGER				A								

STAND CHARACTERISTICS	SITE: Northland	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ: 17T	UTME: 444175

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED		

STAND DESCRIPTION			
LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3	5	FRAPENN
3 SUB-CANOPY	3	3	PRUJ.RG = FRAPENN
4 UNDERSTORY	4	5	CORRAC = RHYTYPH
5 GROUND LAYER	3	5	BROINGER = SOLCANA

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS					
TREES		< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0		N	0	N
DEADFALL/LOGS <i>with vs. w/o</i>	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT				
	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE: _____
	POLYGON: _____
	DATE: / /
	SURVEYOR(S): _____

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE: _____
	POLYGON: _____
	DATE: _____
	SURVEYOR(S): _____

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PUSH FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							



WE-013

PLANT SPECIES LIST

SITE: Northland T-lane - roadside

POLYGON: SW D 2

DATE: 1 June 12

SURVEYOR(S): SIM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
FRAPENN	DA										
ACESACCAC	D										
SOLGIGA				0							

AMRE  
HOWR  
B-C

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

POLYGON:

UTMZ:

UTME: 446600

DATE:

UTMN: 4805332

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED			

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN
3 SUB-CANOPY	3	5	ACESACCAC > FRAPENN
4 UNDERSTORY	4	5	CORACC
5 GROUND LAYER	5	3	SOLGIGA

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	B	10-24cm	M	25-50cm	N	> 50cm
STANDING SNAGS	D	< 10cm	A	10-24cm	N	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE: _____
	POLYGON: _____
	DATE: _____
	SURVEYOR(S): _____

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE: _____
	POLYGON: _____
	DATE: _____
	SURVEYOR(S): _____

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	/	DUMPING (RUBBISH)	/
GAPS IN THE CANOPY	/	EARTH DISPLACEMENT	/
LIVESTOCK (GRAZING)	/	RECREATIONAL USE	/
PLANTING (PLANTATION)	/	ALIEN SPECIES	/
TRACKS AND TRAILS	/	NOISE	/
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	/	FLOODING (POOLS & PUDDLING)	/
WINDTHROW (BLOWDOWN)	/	FIRE	/
BROWSE (e.g., DEER)	/	SOIL EROSION	/
BEAVER ACTIVITY	/	OTHER	/

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISH FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							
							MEAN

WE015

PLANT SPECIES LIST

SITE: Northland - T-line

POLYGON: SWD3 SWT3-2

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN	D	A	C									
ULMAMGR		A										
TILAMGR		O										
GLYSTRI				A								
THUSOCC		O										
VITRIPA			O									
RHUTYPH			O									
RHACATH			O									
ROSMULT			O									

WAVI  
BAC

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

POLYGON:

DATE:

UTMZ: 17T

UTME: 446844

UTMN: 480371

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENNUS
3 SUB-CANOPY	3	3	ULMAMGR >> TILAMGR
4 UNDERSTORY	4	3	RHACATH
5 GROUND LAYER	5	4	GLYSTRI

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

	TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	D	< 10cm	A 10-24cm	R 25-50cm	N > 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: ;
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY					PUSH FACTORS	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

PLANT SPECIES LIST

OC-037

SITE: NORTHLAND T-lane - roadside  
 POLYGON: WT 1  
 DATE: 1 June 12  
 SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
THUOCC1	A	A			
Grasses				D	
Goldenrods				D	
MAZPUMI	0				
CHRLEVC				A	

SPECIES CODE	LAYER				COLL.
	1	2	3	4	

STAND CHARACTERISTICS

SITE: \_\_\_\_\_ POLYGON: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_ DATE: \_\_\_\_\_  
 UTMZ: \_\_\_\_\_ UTME: \_\_\_\_\_ UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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"/> BARREN <input type="checkbox"/> BOG <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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3	4	THUOCC1
3 SUB-CANOPY	4	2	THUOCC1
4 UNDERSTORY	6	5	Grasses + goldenrods
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
A	N	N	N	N
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	10-24cm	25-50cm	> 50cm
DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

PRISM FACTOR:

TREE TALLY BY SPECIES							
SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

W-042

<b>PLANT SPECIES LIST</b>	SITE: Northland T. lines - Roadside
	POLYGON: F0372 - forest uphill of swamp
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN	D											
POPTREM		0										
RHACATH			0									
THVACP1		0										
FESARUN				0								
DACGLOM				A								
ACESACSR	R											
ULMAMOR	0	0										
RHUTYPH		0										
JUGNIGR	0											
MALPUM1	0											
PINSTRO	R											
CRAT(SP)		0										

<b>STAND CHARACTERISTICS</b>	SITE:	POLYGON:
	SURVEYOR(S): SKM	DATE:
	UTMZ: 17T	UTME: 447285

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION			
LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3	5	FRAPENN >> POPTREM
3 SUB-CANOPY	4	4	POPTREM > THVACP1
4 UNDERSTORY	5	3	RHACATH
5 GROUND LAYER			not inside

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS					
TREES	< 10cm	10-24cm	25-50cm	> 50cm	
STANDING SNAGS	0	0	0	0	N
DEADFALL/LOGS					
FIRM	< 10cm	10-24cm	25-50cm	> 50cm	
DECAYED	< 10cm	10-24cm	25-50cm	> 50cm	

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT				
	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	<input type="checkbox"/>	DUMPING (RUBBISH)	<input type="checkbox"/>
GAPS IN THE CANOPY	<input type="checkbox"/>	EARTH DISPLACEMENT	<input type="checkbox"/>
LIVESTOCK (GRAZING)	<input type="checkbox"/>	RECREATIONAL USE	<input type="checkbox"/>
PLANTING (PLANTATION)	<input type="checkbox"/>	ALIEN SPECIES	<input type="checkbox"/>
TRACKS AND TRAILS	<input type="checkbox"/>	NOISE	<input type="checkbox"/>
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	<input type="checkbox"/>	FLOODING (POOLS & PuddLING)	<input type="checkbox"/>
WINDTHROW (BLOWDOWN)	<input type="checkbox"/>	FIRE	<input type="checkbox"/>
BROWSE (e.g., DEER)	<input type="checkbox"/>	SOIL EROSION	<input type="checkbox"/>
BEAVER ACTIVITY	<input type="checkbox"/>	OTHER	<input type="checkbox"/>

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN



WE-015

PLANT SPECIES LIST

SITE: Northland T-lines (Roadside)

POLYGON: SW T 1 SW T 3-2

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
SALXIG	D										

STAND CHARACTERISTICS

SITE:

POLYGON:

SURVEYOR(S):

DATE:

UTMZ:

UTME: 447695

UTMN: 4805303

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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"/> BARRREN <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3-4	5	SALXIG
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

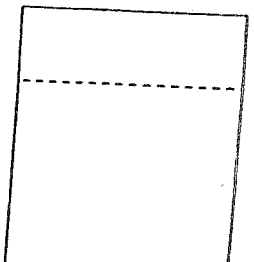
	TREES	< 10cm	N	10-24cm	N	25-50cm	N	> 50cm
STANDING SNAGS		N		N		N		N
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				



PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISH FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							MEAN
DEAD							

WE-026

PLANT SPECIES LIST	SITE: Northland - T-linear Map 1
	POLYGON: SWD 4
	DATE: 15 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			
POPBALS	DD												
CORRACE			D										

STAND CHARACTERISTICS	SITE:	POLYGON:	
	SURVEYOR(S):		DATE:
	UTMZ: JT		UTME: 447732

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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 <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREETD			

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3	5	POPBALS
3 SUB-CANOPY	3	5	CORRACE
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS		TREES				
		< 10cm	10-24cm	25-50cm	> 50cm	
STANDING SNAGS	FIRM	0	0	0	0	0
	DECAYED					

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

PLANT SPECIES LIST

SITE: Northland T-lanes - Riverside WE-026

POLYGON: SWD/FOD 5

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN D												
THUOCEI D												

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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 <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED			

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN = THUOCEI
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	A	10-24cm	R	25-50cm	N	> 50cm
STANDING SNAGS	R	< 10cm	R	10-24cm	R	25-50cm	R	> 50cm
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
not usable	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

WE-0207

PLANT SPECIES LIST

SITE: Nothland - T-lim

POLYGON: FOD / SWD Map 2

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	
FRAPCENN	D										
ACCOSACCAC	O										
RHACATH			A								
ULMAMER	O										

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

UTMN: \_\_\_\_\_

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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  <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREETD	<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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPCENN > ACCOSACCAC
3 SUB-CANOPY	3	3	ULMAMER
4 UNDERSTORY	4	5	RHACATH
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	A	10-24cm	O	25-50cm	N	> 50cm
STANDING SNAGS		O		O		R		N
DEADFALL/LOGS								
FIRM								
DECAYED								

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: ;
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRIEST FACTOR	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							



WE-0261

PLANT SPECIES LIST	SITE: Northland T-line Map 2
	POLYGON: SWD 7
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
SALXRUB	D											
FRAPENN	0											

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME:
	UTMN:	

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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  <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	SALXRUB >> FRAPENN not wooded.
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES		< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0			A	N
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	/	DUMPING (RUBBISH)	/
GAPS IN THE CANOPY	/	EARTH DISPLACEMENT	/
LIVESTOCK (GRAZING)	/	RECREATIONAL USE	/
PLANTING (PLANTATION)	/	ALIEN SPECIES	/
TRACKS AND TRAILS	/	NOISE	/
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	/	FLOODING (POOLS & PUDDLING)	/
WINDTHROW (BLOWDOWN)	/	FIRE	/
BROWSE (e.g. DEER)	/	SOIL EROSION	/
BEAVER ACTIVITY	/	OTHER	/

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE						PRISM FACTOR	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

WE-0221

PLANT SPECIES LIST

SITE: Northland T-line Roadside May 2

POLYGON: FOD/SWDS

DATE: 1 June 12

SURVEYOR(S): SIM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			
FRAPENN	D												
ULMAMGR	O												
VITRIPA			O										
CORRUGO			D										
SOLCANA				A									
ACESACC	O												
CORSTOL				A									

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: 450801

UTMN: 4805911

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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"/> FORN <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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY		5	FRAPENN > TILAMGR
3 SUB-CANOPY		4	FRAPENN
4 UNDERSTORY		5	CORRUGO > CORSTOL
5 GROUND LAYER			SOLCANA

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

		TREES	STANDING SNAGS	DEADFALL/LOGS	FIRM	DECAYED	
A	< 10cm	A	10-24cm	A	25-50cm	N	> 50cm
O	< 10cm	R	10-24cm	R	25-50cm	N	> 50cm
	< 10cm		10-24cm		25-50cm		> 50cm
	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: ;
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY					PRISH FACTOR	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

**WE027**

PLANT SPECIES LIST	SITE: Northland T-line - roadside - Nopp
	POLYGON: SWD 9
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
ACERACE	D											
FRAPENN	A											

mid-aged  
 silver maple  
 ash  
 weeds  
 understory

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME: 452955 UTMN: 4806189

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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 <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION				SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
LAYER	HT	CVR		
1 EMERGENT				
2 CANOPY	2	5		ACERACE = FRAPENN
3 SUB-CANOPY				
4 UNDERSTORY				
5 GROUND LAYER				

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS								
TREES	A	< 10cm	A	10-24cm	O	25-50cm	N	> 50cm
STANDING SNAGS	O	< 10cm	O	10-24cm	N	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT				
	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				



**WE-024**

**PLANT SPECIES LIST**

SITE: Northland T-line - roadside - Map 2

POLYGON: SWD 10

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN	D											
ACESACC	D											

Small isolated patch of either maple or -weedy at edge - a little more maple than other

**STAND CHARACTERISTICS**

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: \_\_\_\_\_

UTMN: \_\_\_\_\_

**POLYGON DESCRIPTION**

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED			

**STAND DESCRIPTION**

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	ACESACC = FRAPENN
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

**SIZE CLASS ANALYSIS**

STANDING SNAGS	TREES				
	< 10cm	10-24cm	25-50cm	> 50cm	
FIRM	0	A	A	?	> 50cm
DECAYED	N	N	N	N	> 50cm
	< 10cm	10-24cm	25-50cm	> 50cm	
	< 10cm	10-24cm	25-50cm	> 50cm	

**COMMUNITY MATURITY**

PIONEER  
  YOUNG  
  MID-AGE  
  MATURE  
  OLD-GROWTH

**SOIL ASSESSMENT**

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	PRISH FACTOR:	
								REL. AV.
TOTAL								
BASAL AREA (BA)								
DEAD								MEAN



WE-029

PLANT SPECIES LIST	SITE: Northland T-line roadside - Map 2
	POLYGON: SWD 2-2
	DATE: June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAMER	D											
POPTREM	A											
VITRPA				0								
THUCCI	00											

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME: 455606 UTMN: 4806562

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN > POPTREM
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0	0	A	N
DEADFALL/LOGS <i>not visible</i>	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT  
SPECIES  
LIST

SITE:
POLYGON:
DATE: / /
SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.			
	1	2	3	4			1	2	3	4				

DISTURBANCE  
and STAND  
CHARACTERISTICS

SITE:
POLYGON:
DATE:
SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	PRISH FACTOR					TOTAL	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

W-087

PLANT SPECIES LIST	SITE: Northland T-line (roadside) - map?
	POLYGON: FOD 12 FOD 6
	DATE: 1 June 12
	SURVEYOR(S): SEM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			
ACESACEAE	D												
FRAAMER	O												

Marine forest  
well developed  
side canopy

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME: 456969 UTMN: 4806746

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED			

STAND DESCRIPTION				SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
LAYER	HT	CVR		
1 EMERGENT				
2 CANOPY	1	5		ACESACEAE > FRAAMER
3 SUB-CANOPY				
4 UNDERSTORY				
5 GROUND LAYER				

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS						
		TREES	STANDING SNAGS	DEADFALL/LOGS	FIRM	DECAYED
		0	N	W	W	W
	< 10cm	A	N			
	10-24cm	A	N			
	25-50cm	N	N			
	> 50cm	N	N			
	< 10cm					
	10-24cm					
	25-50cm					
	> 50cm					

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT					
		1	2	3	4
TEXTURE					
DEPTH TO MOTTLES	g =	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =	G =
DEPTH OF ORGANICS					
DEPTH TO BEDROCK					
MOISTURE REGIME					

PLANT SPECIES LIST	SITE: _____
	POLYGON: _____
	DATE: ____/____/____
	SURVEYOR(S): _____

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE: _____
	POLYGON: _____
	DATE: ____/____/____
	SURVEYOR(S): _____

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

W-093

PLANT SPECIES LIST

SITE: Northland T-line - Roadside - Map 3

POLYGON: 40713

DATE: 15 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
ACESAOPSAC	D											
FRAMER	0											

Make  
woodlot  
well-sampled  
clearing

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

UTMZ: 17T

UTME: 45894K

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: 4807028

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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"/> FORD <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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED		

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	1	5	ACESAOPSAC > FRAMER
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

STANDING SNAGS	TREES							
	0	< 10cm	A	10-24cm	A	25-50cm	N	> 50cm
FIRM	N	< 10cm	0	10-24cm	N	25-50cm	N	> 50cm
DECAYED		< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISH FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

WE-030

Meadow marsh along stream on S-side same as others - scattered shrubs + Phalaris

PLANT SPECIES LIST	SITE: Northland T-line Roadside - Map 3
	POLYGON: SWD and MAM5
	DATE: June 12
	SURVEYOR(S): SKM

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ: 17T	UTME: 460321

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.		
	1	2	3	4			1	2	3	4			
SALXRUBE	D												
POPALBA	R												
POPTREM	O												
QUEMACR	R												

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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 WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED		

large leaning willow  
 poplar along stream grazed grass underneath

STAND DESCRIPTION				SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
LAYER	HT	CVR		
1 EMERGENT				
2 CANOPY	2	4		SALXRUBE >> POPTREM
3 SUB-CANOPY				
4 UNDERSTORY				
5 GROUND LAYER	7	5		grazed grass

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS		TREES	R	< 10cm	R	10-24cm	D	25-50cm	R	> 50cm
DEADFALL/LOGS	FIRM		< 10cm		10-24cm		25-50cm		> 50cm	
	DECAYED		< 10cm		10-24cm		25-50cm		> 50cm	

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				





10C-035

PLANT SPECIES LIST

SITE: Northland T-line Roadside - Map 3

POLYGON: CUT 1

DATE: June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.			
	1	2	3	4			1	2	3	4				
CRAT sp. D														

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

POLYGON:

UTMZ:

UTME: 461752

DATE:

UTMN: 4807433

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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 type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL  COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE	<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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	3	5	Crataegus
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

	TREES		STANDING SNAGS		DEADFALL/LOGS	
	FIRM	DECAYED	FIRM	DECAYED	FIRM	DECAYED
< 10cm	A		N			
10-24cm		D		N		
25-50cm					N	
> 50cm						N

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST

SITE: \_\_\_\_\_  
 POLYGON: \_\_\_\_\_  
 DATE: ; \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

DISTURBANCE and STAND CHARACTERISTICS

SITE: \_\_\_\_\_  
 POLYGON: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SURVEYOR(S): \_\_\_\_\_

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY					PRISM FACTORS	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

OC-036  
WE-031  
W-102

PLANT SPECIES LIST

SITE: Northland

POLYGON: F0D14/CWP/SWD

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
ACOSACCAC	D											
ULMAMGR	O											
PINSTRO	O											
PICBLAU	O											
FRAAMGR	O											
POPDALT	O											
THUDCCI	O											
FRAPEUN	A											
PHAARUN											D	SWD
ACCNEGU	O											

Patches of  
moist  
deciduous  
forest  
asm. bys.  
maple  
elm  
ash  
lowland  
forest  
+ plantations  
+ ash  
swamp

STAND CHARACTERISTICS

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: 462300

UTMN: 4807519

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	ACOSACCAC > FRAPEUN > PINSTRO
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	A	10-24cm	A	25-50cm	N	> 50cm
STANDING SNAGS	0	< 10cm	0	10-24cm	N	25-50cm	N	> 50cm
DEADFALL/LOGS <i>not visible</i>	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER  
  YOUNG  
  MID-AGE  
  MATURE  
  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE: _____
	POLYGON: _____
	DATE: / /
	SURVEYOR(S): _____

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE: _____
	POLYGON: _____
	DATE: / /
	SURVEYOR(S): _____

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

**TREE TALLY BY SPECIES**

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRESH FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

OC-037

PLANT SPECIES LIST

SITE: Northland T-line - Roadside Map 3

POLYGON: CUS / COW

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
ACESARCCAC	A											
FRAMCR	B											
MALPUMI		AA										
BROWER				A								
RHACATH		0										
Crataegus sp.		0										
PHARUN				A								
FESARUN				A								
SOLCANA				A								
ULMAMCR		00										

Successional field to sugar maple  
 now with apple & dense grasses

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

UTMZ: 17T

UTME: 463024

POLYGON:

DATE:

UTMN: 4807614

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	4	ACESARCCAC
3 SUB-CANOPY	3	4	ACESARCCAC > FRAMCR
4 UNDERSTORY	4	3	MALPUMI > Crataegus sp.
5 GROUND LAYER	6	5	FESARUN > PHARUN

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm
	DECAYED	< 10cm	10-24cm	25-50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES		NATURAL DISTURBANCES	
LEVEL / EXTENT	LEVEL / EXTENT	LEVEL / EXTENT	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g. DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TREE TALLY BY SPECIES					PRISM FACTORS:	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

**W-118**

**PLANT SPECIES LIST**

SITE: Northland T. line - Roadside - Map 3

POLYGON: FOD 15

DATE: June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
Acesacccac	A											
FragmGR	0											
Acesacc	0											
Pinstro	0											
Pinsylv	0											

Mahoe  
wooded  
Esugar  
maple  
oak  
oak

**STAND CHARACTERISTICS**

SITE: \_\_\_\_\_

POLYGON: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

DATE: \_\_\_\_\_

UTMZ: 17T

UTME: 464646

UTMN: 4808818

**POLYGON DESCRIPTION**

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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 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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

**STAND DESCRIPTION**

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	1	5	Acesacccac 7 FragGRAN
3 SUB-CANOPY			
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

**SIZE CLASS ANALYSIS**

	TREES	< 10cm	A 10-24cm	A 25-50cm	> 50cm
STANDING SNAGS		< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm

**COMMUNITY MATURITY**

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

**SOIL ASSESSMENT**

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRESH FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							



**WE037**

PLANT SPECIES LIST	SITE: Northland T-line Roadside Map 3
	POLYGON: SWD 16
	DATE: 1 June 12
	SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN	D											
ACNEGV		A	O									
RUBSCP			A									

*Dense mid-aged Ash & Manitoba maple along watercourse*

STAND CHARACTERISTICS	SITE:	POLYGON:
	SURVEYOR(S):	DATE:
	UTMZ:	UTME: 468155

POLYGON DESCRIPTION					
SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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
<b>SITE</b> <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK			<b>COVER</b> <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREE		

STAND DESCRIPTION			
LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAPENN
3 SUB-CANOPY	3	4	ACNEGV
4 UNDERSTORY	4-5	5	RUBUS spp
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS								
TREES	< 10cm		10-24cm		25-50cm		> 50cm	
	0	N	A	N	N	N	N	N
STANDING SNAGS								
DEADFALL/LOGS	FIRM		10-24cm		25-50cm		> 50cm	
	DECAYED		10-24cm		25-50cm		> 50cm	

COMMUNITY MATURITY  
 PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT				
	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g., DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

**TREE TALLY BY SPECIES**

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

W-123

**PLANT SPECIES LIST**

SITE: Northland T-linear roadside - Map 4

POLYGON: FDD 17

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAAMCR	DD											
ACESACCAC												
MALPUMI		R										

Mid-aged ash  
wooded  
- very little  
dead ash

**STAND CHARACTERISTICS**

SITE: \_\_\_\_\_

SURVEYOR(S): \_\_\_\_\_

UTMZ: \_\_\_\_\_

UTME: 465687

POLYGON: \_\_\_\_\_

DATE: \_\_\_\_\_

UTMN: 4810472

**POLYGON DESCRIPTION**

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input checked="" 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LACUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input checked="" type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING 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	<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

**STAND DESCRIPTION**

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	FRAAMCR > ACESACCAC
3 SUB-CANOPY	3	5	FRAAMCR
4 UNDERSTORY			
5 GROUND LAYER			

HT CODES: 1 = > 25m 2 = > 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.2-0.5m 7 = < 0.2m  
 CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

**SIZE CLASS ANALYSIS**

	TREES	STANDING SNAGS				
		< 10cm	10-24cm	25-50cm	> 50cm	
DEADFALL/LOGS	FIRM	< 10cm	10-24cm	25-50cm	> 50cm	
	DECAYED	< 10cm	10-24cm	25-50cm	> 50cm	

**COMMUNITY MATURITY**

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

**SOIL ASSESSMENT**

	1	2	3	4
TEXTURE				
DEPTH TO MOTILES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

Blank box for additional notes or observations.

<b>PLANT SPECIES LIST</b>	SITE:
	POLYGON:
	DATE: / /
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL	SPECIES CODE	LAYER				COLL	
	1	2	3	4			1	2	3	4		

<b>DISTURBANCE and STAND CHARACTERISTICS</b>	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS		DUMPING (RUBBISH)	
GAPS IN THE CANOPY		EARTH DISPLACEMENT	
LIVESTOCK (GRAZING)		RECREATIONAL USE	
PLANTING (PLANTATION)		ALIEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WINDTHROW (BLOWDOWN)		FIRE	
BROWSE (e.g. DEER)		SOIL EROSION	
BEAVER ACTIVITY		OTHER	

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

PRISH FACTORS

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

WE-038  
W-128

PLANT SPECIES LIST

SITE: Northland T-lines - Roadside - Map 9

POLYGON: SWD 18

DATE: 1 June 12

SURVEYOR(S): S km

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
FRAPENN	0											
ULMAMGR		0										
SALXRUB	D											
PHARRUN				A								
MALPUMI	0											
Crataegus sp		0										
QUEMALEROR												

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

POLYGON:

DATE:

UTMZ:

UTME: 466711

UTMN: 481212

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<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"/> ROLLING 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	<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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	SALXRUB = FRAPENN
3 SUB-CANOPY	3	4	ULMAMGR
4 UNDERSTORY	4	2	Crataegus sp
5 GROUND LAYER	6	5	PHARRUN

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

	TREES		STANDING SNAGS		DEADFALL/LOGS	
	A	N	A	N	A	N
	< 10cm	> 10cm	< 10cm	> 10cm	< 10cm	> 10cm
	10-24cm	> 24cm	10-24cm	> 24cm	10-24cm	> 24cm
	25-50cm	> 50cm	25-50cm	> 50cm	25-50cm	> 50cm

COMMUNITY MATURITY

PIONEER  YOUNG  MID-AGE  MATURE  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST	SITE:
	POLYGON:
	DATE: ;
	SURVEYOR(S):

DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	/	DUMPING (RUBBISH)	/
GAPS IN THE CANOPY	/	EARTH DISPLACEMENT	/
LIVESTOCK (GRAZING)	/	RECREATIONAL USE	/
PLANTING (PLANTATION)	/	ALIEN SPECIES	/
TRACKS AND TRAILS	/	NOISE	/
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	/	FLOODING (POOLS & PUDDLING)	/
WINDTHROW (BLOWDOWN)	/	FIRE	/
BROWSE (e.g., DEER)	/	SOIL EROSION	/
BEAVER ACTIVITY	/	OTHER	/

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

TREE TALLY BY SPECIES

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRISM FACTOR:	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

W-127

PLANT SPECIES LIST

SITE: Northland T. line roadside - Map 4

POLYGON: FOD 19

DATE: June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER

BRAUN BLANQUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.	
	1	2	3	4			1	2	3	4		
ACESACCSD												
FRAAMR	A											

STAND CHARACTERISTICS

SITE:

SURVEYOR(S):

UTMZ:

UTME: 466910

POLYGON:

DATE:

UTMN: 4812434

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. 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 MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAQUSTRINE <input type="checkbox"/> RIVERINE <input type="checkbox"/> BOTTOMLAND <input type="checkbox"/> TERRACE <input type="checkbox"/> VALLEY SLOPE <input type="checkbox"/> TABLELAND <input type="checkbox"/> ROLLING UPLAND <input type="checkbox"/> CLIFF <input type="checkbox"/> TALLS <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

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY			
3 SUB-CANOPY			FRAAMR-ACESACCSD
4 UNDERSTORY			can't see
5 GROUND LAYER			

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

CVR CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	A	< 10cm	A	10-24cm	D	25-50cm	N	> 50cm
STANDING SNAGS	N	< 10cm	N	10-24cm	N	25-50cm	N	> 50cm
DEADFALL/LOGS	FIRM	< 10cm		10-24cm		25-50cm		> 50cm
	DECAYED	< 10cm		10-24cm		25-50cm		> 50cm

COMMUNITY MATURITY

PIONEER 
  YOUNG 
  MID-AGE 
  MATURE 
  OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES	g =	g =	g =	g =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

**PLANT SPECIES LIST**  
 SITE: \_\_\_\_\_  
 POLYGON: \_\_\_\_\_  
 DATE: \_\_\_ / \_\_\_ / \_\_\_  
 SURVEYOR(S): \_\_\_\_\_

**DISTURBANCE and STAND CHARACTERISTICS**  
 SITE: \_\_\_\_\_  
 POLYGON: \_\_\_\_\_  
 DATE: \_\_\_ / \_\_\_ / \_\_\_  
 SURVEYOR(S): \_\_\_\_\_

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER  
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL.	SPECIES CODE	LAYER				COLL.
	1	2	3	4			1	2	3	4	

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	/	DUMPING (RUBBISH)	/
GAPS IN THE CANOPY	/	EARTH DISPLACEMENT	/
LIVESTOCK (GRAZING)	/	RECREATIONAL USE	/
PLANTING (PLANTATION)	/	ALIEN SPECIES	/
TRACKS AND TRAILS	/	NOISE	/
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	/	FLOODING (POOLS & PUDDLING)	/
WINDTHROW (BLOWDOWN)	/	FIRE	/
BROWSE (e.g., DEER)	/	SOIL EROSION	/
BEAVER ACTIVITY	/	OTHER	/

LEVEL: 0 = NONE 1 = LIGHT 2 = MODERATE 3 = HEAVY  
 EXTENT: 0 = NONE 1 = LOCAL 2 = WIDESPREAD 3 = EXTENSIVE

**TREE TALLY BY SPECIES**

SPECIES CODE	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	PRIOR FACTORS	
						TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							
							MEAN