
Appendix D
Field Notes

DRAFT

W-0207

SITE: Grand Bend Tunnies
 POLYGON: small patch north of Kippen Rd. FOD 5-1
 DATE: Feb. 15/12
 SURVEYOR(S): LL+SS

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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4
SYMLANC				0					
DACGLOM				R					
MALPUMI				R					
FAGGRAN				0 R					
ACESASA				A 0 0					
RHACATH				0					
CRAT-SP				0 0					
ULMAMEK				R 0					
VITRIPA				0 0					
CARCARO				0					
RHURADI				R R					
RIBCYNO				R					
GEUM-SP				0					
PRUSERO				R R					
CORSTOL				R					
RUBIDME				R					
OSTVIRG				R 0					
ROSAMULT				R					
BETALLE				R					
GLYSTRI				R					
EPILBIUM-SP				R					

WTDE (TK)
 BCOH (VU)
 YBSA (VU)

STAND CHARACTERISTICS

SITE: POLYGON: POLYGON:
 SURVEYOR(S): DATE:
 UTMZ: UTM: UTMN:

POLYGON DESCRIPTION

<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
<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	2	5	ACESASA > FAGGRAN > BETALLE
3 SUB-CANOPY	3	4	ACESASA > FAGGRAN > BETALLE > OSTVIRG
4 UNDERSTORY	4	3	RHACATH > VITRIPA > PRAT-SP > CARCARO
5 GROUND LAYER	6	4	GEUM-SP > SYMLANC > GLYSTRI > EPI-

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 = > 35-50% 5 = > 50-60%

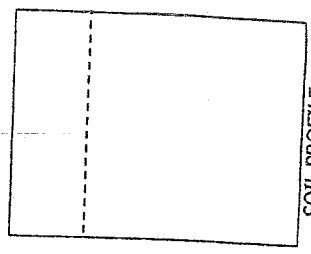
SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT did not do soils.

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				



SOIL PROFILE

SITE: Grass Bend Spring Survey
 POLYGON: Area "6" → SWD portion
 DATE: May 7/12
 SURVEYOR(S): LEL

1WE-002
 SUD4-3

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.
	1	2	3	4	
MITDIPH			A		
LVS NIMMUM			A		
BETPAPY	0	0			
MITREPE			R		
CIRLUITE			0		
VIBLNT			0		
IRIS-SP			R		
PYRELIU			R		
LINBENZ			0		
DNOSENS			0		
RANABOR			R		
POPTREMI	0	0			
ACESACC	AA				
RANKSPCAR			0		
GALAPAR			0		
EQUHYEM			R		
LYCAMER			R		
RUBPUBE			A		
ULMAMER	0	A			
TIACORD			R		

WIDE-tx
 Wood Frog
 obs.
 - lots of
 silver
 maple
 re gen
 dead
 ash
 - pools &
 mossy
 humus rocks
 - southeast
 portion
 bird-
 poplar-
 elm
 Swamp
 to some
 ACESACC

STAND CHARACTERISTICS

POLYGON: _____ DATE: _____

SURVEYOR(S): _____

UTMZ: _____ UTMZ: _____

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"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> TALUS <input type="checkbox"/> CREVICE/CAVE <input type="checkbox"/> ALLYAR <input type="checkbox"/> ROCK/BAR <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"/> 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
1 EMERGENT		
2 CANOPY		
3 SUB-CANOPY		
4 UNDERSTORY		
5 GROUND LAYER		

SPECIES IN ORDER OF DECREASING DOMINANCE
 (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
 POPTREMI > BETPAPY > ULMAMER > ACESACC

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 = > 25-50% 4 = > 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

PLANT SPECIES LIST

SITE: Grand Bend Spring Survey

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

DATE: May 7/12

SURVEYOR(S): LEL

W-026

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

BRANCH 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						QUERUBR	D	D				
ASTMACR						CARCARO						
FRAVIRG						BETPAPY	D	D				
ANEQUIN						TRIEREC						
PEDCANA						HAMVIRG	R					
TAROFFI						Prenanthes sp.						
MAICANA						MITREPE						
GERROBE						ACTRUBR	R					
VIOSORO						CIRLUTE	R					
VIOPUBE						GERMACH	R					
VIOCUCU						CARBRDM	R					
LILMICH						CORALTE						
GALAPAR						CANGIGA						
RHACATH						ASACANA						
ERYAMER						VEROFFI	A					
EMOODOV						PYRELIP						
PODPELT						POLACRO	A					
POLPUBE						RANADOR						
ARITRIP						VITRIPA						
MAIRACE						AGRGELP						
MITDIPH						RIBRUBR						
CARRAC						RANRECU	R					
PRUSERO						RHRADI						
ACESASA						RHRHYD						
LONDIOI						THATHAL						
SOLFIFX						RANHISPCAR						
VIBACER						DEMCCLAY						
LYSIUMUM						CARROSE						

442636
4799786

SOSP
WTDE-tx
REGAB
BHCBB
BCCH
NOFL
AMCR
OVEN
AMGO
HOWR
INBh
DOWO

-wlt
sloughs
in several
spots in
this comm.

STAND CHARACTERISTICS

SITE: POLYGON:

SURVEYOR(S): DATE:

UTMZ: UTMZ: UTMZ:

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 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			ACESASA > QUERUBR etc.
2 CANOPY			(check when leaves are out)
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 = 35-50% 5 = 50-60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SWAGS	0	0	0	0
FIRM	0	0	0	0
DECAYED	R	R	N	N

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

DATE: 7/12/12
 SURVEYOR(S): M. J. ...

DATE: 7/12/12
 SURVEYOR(S): M. J. ...

LAYER 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		
PRUVULG				R								
PTEAQUIL				O								
GRIPULL				R								
ALLPETI				O								
GALLIUM-SP				R	✓							
TIACORD				O								
EQUHYEM				R								
TRIAURA				R								
RUBPUBE				R								

CHARACTERISTICS: ...
 DATE: ...
 SURVEYOR(S): ...

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

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

TREE TALLY BY SPECIES

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

- north part drier with small pockets of ACESACC swamp. (standing water ~ 10cm deep)
 - more allpeta at NW corner / N half of natural area
 - evidence of logging throughout
 - several large damp pits at western edge

PLANT SPECIES LIST

SITE: Grand Band Spring Surveys

POLYGON: AREA H

DATE: May 7/12

SURVEYOR(S): LEL

W-021

ACESASA > QUERUBR

FOD5-1

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

BRAIN 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	
GERMACH			A		
MAISTEL			A		
TRIGRAN			A		
MAICANA			0		
WUNGRAN			A		
ANEGWIN			0		
VIDCUCM			0		
CANGIGA			0		
TAROFF			0		
PODPELT			0		
ENODBOV			0		
GERROBE			0		
ARITRIP			0		
ERYAMER			A		
SOLFLEX			0		
POLPUBE			R		
ALLPETI			0		
VIDSOKO			R		
CARINTU			R		
IMCAPE			R		
LILMICH			R		
TIACORD			R		
GALAPAR			0		
FRAVIRG			R		
PRYANTHUS sp.			0		
RANADOB			R		
MAIRACE			0		
TRIEREC			0		

BHCB
NOFL
WBNH
GCFL
AMGB
SOSP
AMRD
BCH
BLTA

- Woodland
pool w
no open water
(look great
for amph.
breeding)

STAND CHARACTERISTICS

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

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 > GERMA

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
DEADFALL/LOGS	0	0	0	0
	DECAYED	R	N	N

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

DATE: May 7/12
 SURVEYOR(S): LEL

LIST: AREA H

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				SPECIES CODE	LAYER				COLL.
	1	2	3	4		1	2	3	4	
POLACRO				R						
ABIBALS	R									
VIBADER		R								
MITREPENS			R	R						
MATSTRA			R	R						
LINBENZ		R	R							
PRUSERO		R	R							
CARPRAT				R	44216					
AGRSRIP				R	44219					
CORALTE		R								
CARDUG				R						
CARDIPHYLLA				R						
LAPCANIA				R						
FRAVESC				R						
FRIPULC				R						
TRATHAL				R						
FRAGGRAN				R						
RANHSPRV				R						
VIOCANIA				R						

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

DATE: May 7/12
 SURVEYOR(S): LEL

CHARACTERISTICS

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

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

PIESM FACTOR

TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.

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

PLANT SPECIES LIST

SITE: Grand Bend Area "C11" W-037

POLYGON: F05-8

DATE: May 16/2012

SURVEYOR(S): LEL

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

BROWN 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					
ARITRIP			R		
RUBIDAE			R		
PRUVULG			R		
RHACATH			R		
FRAMER	D	D			
POPTREM	R				
TAROFFI			R		
GEAVERN			R		
VIOSORO			R		
PRUVIRG	A				
RIBRUBR					
PRUSERO	R	R			
OSTVIRG					
RHA RYDP					
TILAMER	R	R			
ONOSENS					
ERYAMER					
ANEVIRG					
POLPUBE					
RDEMULT					
EQUHIME					
GALYSTRI					
ARC MINIM					
BER TRUN					
MAI CANA					
Pilea sp					

STAND CHARACTERISTICS

SITE: MONADA 443547/480476

SURVEYOR(S): 2 x BASCO Fraguas

DATE: POLYGON:

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"/> 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			ACESASA > FRAMER > FRAGRAS > PRUSERO
2 CANOPY	2	5	ACESASA > FRAMER > FRAGRAS > PRUSERO
3 SUB-CANOPY	3	4	ACESASA > FRAMER > FRAGRAS > PRUSERO
4 UNDERSTORY	2	3	ACESASA > PRUVIRG > RUBRUB > RIBRUB
5 GROUND LAYER	6	4	ERYAMER > CARX see > GEALAP > MAI CANA

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 SWAGS	0	A	A	0
FIRM	0	R	R	R
DECAYED	R	R	R	N

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
scl	scl			
DEPTH TO MOTTLES	0 = NONE	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	n/a	n/a	n/a	n/a
DEPTH TO BEDROCK	n/a	n/a	n/a	n/a
MOISTURE REGIME				

Handwritten notes and diagrams:

- AMPO, BOMMA, INBU, NOX, CEL, COL, ANLA, SCL, SCL, SCL, SCL
- Diagram showing soil profile with layers 1-4 and labels like 'drainage file on top', 'loose from field', 'drains', 'chamber'.
- Notes: 'depth in water', 'MAI CANA', '443547', '480476', 'drainage file on top', 'loose from field', 'drains', 'chamber'.

DATE: / /
SURVEYOR(S):

CHARACTERISTICS DATE: / /
SURVEYOR(S):

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 (PLANTATIONS)		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	PRESH FACTORY						TOTAL	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TALLY 6		
ACESASA	9	1	6					
FAGRAN	1	1	2					
OSTVIRG	1	1	1					
FRAMER		1	6					
TOTAL								
BASAL AREA (BA)								
DEAD								

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

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

WE-009/WE-011

SITE: Grand Bend Area "C"

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			
RANHISPAVAROPE				A									
GLYSTRI				b									
IMPCAPE				A									
VIOSORO				0									
ALLPETI				R									
ALLPETI				R									
RHMORB1				0									
"SALIX sp.				R									
FRAPENN				R									
ULMAMER				R									
Carly Feunra ?				0									
CORSTOL				A									
TILAMER				R									
ARCMINH				R									
RIBRUBR				0									
SAMPUBE				0									

- stream has < 10cm of water

- good cavity trees (2)

- SWT in floodplain

REVI

STAND CHARACTERISTICS

SITE: _____ SURVEYOR(S): _____

UTMZ: _____ DATE: _____

POLYGON: _____

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> CNBR. BEDROCK	<input type="checkbox"/> LAKESTRINE <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 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"/> FORG <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
1 EMERGENT		
2 CANOPY	4	5
3 SUB-CANOPY		
4 UNDERSTORY		
5 GROUND LAYER	6	5

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%

SPECIES IN ORDER OF DECREASING DOMINANCE
 (> MUCH GREATER THAN; > GREATER THAN = ABOUT EQUAL TO)
 FRAPENN = TILAMER etc.
 CORSTOL
 RANHISPAVAROPE > IMPCAPE > VIOSORO

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEAD/FALL/LOGS	10-24cm	10-24cm	25-50cm	> 50cm
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	scL			
DEPTH TO GLEY	0 = 45	0 =	0 =	0 =
DEPTH OF ORGANICS	n/a	n/a	n/a	n/a
DEPTH TO BEDROCK	n/a	n/a	n/a	n/a
MOISTURE REGIME				

scL
 CL
 (stop at 75cm)

© 443831772

LIST 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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4

CHARACTERISTICS 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	PROSH FACTORY					TOTAL	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

DRAFT

PLANT SPECIES LIST

SITE: Grand Bend sapt + Spring Surveys

POLYGON: Area "D"

DATE: May 16/12

SURVEYOR(S): LEL

W-036

F042-2

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

BRAIN 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					
DNOSENS				R	
FRAMER	A	A			
BSTPAPY	0	0			
POPTREM	0	0			
PARINSE					
DIRPALM					
PUNANTHUS					
PURRUB					
PRUVIRG					
RUBRUBE					
PURELIP					
CARCARD					
GENALEP					
VIBACER					
GALOBTA					
POLPUBE					
ERYAMFR					
FRAYESC					
MITREPE					
TAROFF1					
MAIRACTE					
HAMVIRG					
VIOSORO					
VIOPUBE					
CARADI					
CARGCAC					
TRIEREC					

STAND CHARACTERISTICS

SITE: POLYGON: SURVEYOR(S):

UTMZ: 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	2	5	FRAMER > ACECIB > FRAGGACAN BERRA
3 SUB-CANOPY	3	3	FRAMER > ALESASA > CARCAL > OSTVIRG
4 UNDERSTORY	4	4	HAMVIRG > PRUVIRG > VIBACER > PIERRUBA
5 GROUND LAYER	0	5	GENALEP > RUBRUB > VIOSAS = LA VEG SVR

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
DEADFALL/LOGS	0	0	0	0

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	SL	2	3	4
DEPTH TO MOTTLES	0 = n/a	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	n/a			
DEPTH TO BEDROCK	n/a			
MOISTURE REGIME				

SL
PS
- some 10m
STAINING

GCFL
AALFO
PBBB

CEWA
BLJA
INBU
WTBE
AALGO
REVI

- depressions
no former
hold water

- small
vertical
pool w
3m water
@ 44327
480347

- occasional
ADIRALS

- more
popul
big
- some
- nice patch
of cypripis

- a few big
- some
- admixture
bordering
on oak

- wet spots
in
stand
water
(bordering
- some border
w/ lots of
beech

soil sample Alt. 457

CHARACTERISTICS DATE: SURVEYOR(S):

LIST 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				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	TOTAL	REL. AV.
	FRAXINUS	7	11				
ALNUS	0						
POPULUS	0						
ACERASAC	0						
OSTRYA	0						
FAGUS							
TOTAL							
BASAL AREA (BA)							MEAN
DEAD							

FRESH FACTOR

-ELC check + SAR

W-036

SITE: Grand Bend Spring Surveys
 POLYGON: Area "D" FOD changes to FOD3-2
 DATE: 16 May 2012
 SURVEYOR(S): LEL
 POLYGON: Area "D"
 DATE: 16 May 2012
 SURVEYOR(S): LEL

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
 BEALIN 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	0	0	A			VIOSORO						
EUDOROV				0		RANABDR						R
RHURNOB				A		PDPBALS	A					
ULMAMER	A					EQUHYMIE						
PRUVIRG		0				LONDIOT						
GALAPAK				A		PNOSENS						
PYRELIP				0		FRAVESC						
VIBLENT		0				BERTHUN						
ACTRUBR				R		AGRGYF						
CIRLUTE				D		GALOBTH						
POPTREM	A	A				CARADI						
RIBRMBR				0		MITREPE						
CORALTE		0				CARGRAC						
ARITRIP				R		ACESASA						
RUBPUBC				A		CARPENS						
CARCARO				R		MARACE						
PRMSERO	R	0				Crat-sp.						
TRIEREC				R		VIBACER						
MAICANA				A		ACERUBR						R
PIPDELT				R		RUBIDAE						
GEUALEP				D		TRIEREC						
TAROFEL				D		MITDIPH						
PARINSE				D		ASACANA						
PTEARQU				D								
VIOPUBE				D								
LAVER SOP.				1A								
BETPAPY	A	A										
CARINTH				D								

- south edge has more poplar than rest of woodland (younger in general) - lots of horizontal in understory - lots of ash in canopy - dead and in canopy

WBNH
 BCCH
 BLTA
 INBIE
 ABLCK
 RBGB
 GCFL

STAND CHARACTERISTICS

POLYGON: SURVEYOR(S):
 DATE: UTMZ: UTMN: 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"/> 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 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"/> BOC <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	CTL	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2	5	POPTREM = BETPAPY >> FRAMER
3 SUB-CANOPY	3	3	POPTREM = BETPAPY > ULMAMER > FRAMER
4 UNDERSTORY	4	3	PRUVIRG > FRAMER > RHURNOB > RIBRMBR
5 GROUND LAYER	6	5	VIOPUBE > MAICANA > ARITRIP > CARINTH

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
 CTL CODES: 0 = NONE 1 = 1-10% 2 = > 10-25% 3 = > 25-50% 4 = > 50-60% 5 = > 60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTILES				
DEPTH TO GLEY				
DEPTH OF ORGANICS	n/a	n/a		
DEPTH TO BEDROCK	n/a	n/a		
MOISTURE REGIME				

SL
 fs
 - Iron staining in sand but no strong nodules

soil sample W-036 (1A)

LIST

DATE: 7/

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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4

CHARACTERISTICS

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	PUSH FACTOR					REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	
ULMAMEX				
BETPAPY	..	M				
POPTREM				
FR4AMEX				
Dead	..					
ACESASA	..					
TOTAL						
BASAL AREA (BA)						
DEAD						MEAN

PLANT SPECIES LIST

SITE: 10-010
 POLYGON: Grand Bend Area "C"
 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
	1	2	3	4	
CAR BULB					
RANHISPCARA		R	A		
LAMP CARPE		A	A		
Syn lance		A	A		
CIC BULB		R			
CAR STRI		R			
CAR SP					
SOLDULC					
Ludwigia					
SUISUND					
VERTIGR					
PHPARKIN		A			
ALL BETI		R			
CAL PALM		R			
SAM FUBE		R			
CORCJOL		R			
Polygala longsp					
RANNOB1		A	R		
CARSTI		R			
RUBABLE					

NOCA
 SOSP
 SCTA
 HOWR
 WDDU
 BCCH
 .AMTO
 WTDG
 TUNU

STAND CHARACTERISTICS

SITE: POLYGON:
 SURVEYOR(S): DATE:
 UTMZ: UTM: 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"/> MARSHINE <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"/> BARKEN <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
1 EMERGENT		
2 CANOPY	4	5
3 SUB-CANOPY		
4 UNDERSTORY		
5 GROUND LAYER	6	5

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%

SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN = ABOUT EQUAL TO)

PHARKIN

RANHISPCARA IMPERATA
 Polygala longsp

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SMAGS	< 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

TEXTURE	1	2	3	4
soil 50mg	soil			
DEPTH TO MOTTLES	13			
DEPTH TO GLEY	G = 100cm	G =	G =	G =
DEPTH OF ORGANICS	13 cm			
DEPTH TO BEDROCK	> 120 cm			
MOISTURE REGIME				

Organics (humus) 13
 70-75 cm
 70-75 cm
 70-75 cm
 70-75 cm

W-067

PLANT SPECIES LIST

SITE: Grand Road

POLYGON: A- F095-1

DATE: 18/05/12

SURVEYOR(S): Joel 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			
ALIVRIP													
POOPELT													
PLYAMER													
CAUSMAL													
ALLVRIC													
VIOVPAE													
TRIOREAN													
TRIEREC													
MOJORO													
Quintana													

Yewa
 BPCO
 BLSA
 GRCA
 AMRE
 An RO
 AMCR
 BELWA
 NoFL
 TRSU
 RUSA
 JOSP

STAND CHARACTERISTICS

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 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 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"/> BAREWEN <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	< 10cm	10-24cm	25-50cm	> 50cm
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 BOTTLES				
DEPTH TO GLEY				
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST

SITE: Grand Bend
 POLYGON: SWD (6)
 DATE: _____
 SURVEYOR(S): _____

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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4

COYE
 COAR
 OVEN
 WOTH
 REVI
 ENPE
 PAVON
 NIFE
 AMPE

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"/> 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"/> 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"/> BARRIEN <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"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<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"/> COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED	<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

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

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

442654
 4749472

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	0 = 10cm	0 = 14	0 = 14	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS	1cm	2cm	1cm	1cm
DEPTH TO BEDROCK	2	2	2	2
MOISTURE REGIME	2	2	2	2

SC SL SL
 SL SL SL
 14cm 14
 SC SC SC
 70cm out

447946

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

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

SPECIES CODE	LAYER				SPECIES CODE	LAYER			
	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	0	DUMPING (RUBBISH)	1
GAPS IN THE CANOPY	1	EARTH DISPLACEMENT	1
LIVESTOCK (GRAZING)	0	RECREATIONAL USE	0
PLANTING (PLANTATION)	0	ALIEN SPECIES	1
TRAILS AND TRAILS	1	NOISE	1
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	0	FLOODING (POOLS & FLOODING)	2
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					REL. AV.
	1	2	3	4	5	
FRAPENN	7	0	0	0	0	28
FRANILG	1	0	0	0	0	7
POPDET	1	0	0	0	0	2
TLAMEL	1	0	0	0	0	1
ULMAMEL	1	0	0	0	0	2
TOTAL						
BASAL AREA (BA)						
DEAD						MEANS

(W-018)

PLANT SPECIES LIST

SITE: Grand Bend

POLYGON: F0042 (6)

DATE: May 24, 2012

SURVEYOR(S): Sal Spittale

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

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

ARBE
 BURN
 ARBE
 LOW
 ARBE
 BURN
 BURN
 BURN
 BURN
 BURN
 BURN
 BURN
 BURN
 BURN
 BURN

STAND CHARACTERISTICS

POLYGON: SURVEYOR(S): DATE: UTMZ: UTM: UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> LAKESTRINE <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"/> CRYSTAL 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"/> 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"/> GRASSMOUND <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> FEN <input type="checkbox"/> BOG <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"/> 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 = > 35-50% 5 = > 50-60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

442887

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				SPECIES CODE	LAYER							
	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	
TRAILS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & MUDDLING)	
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.
ALCAMA						12	36%
FRAPENN						6	18%
FAGGRAN						4	
FRANITE						4	
TICAMA						3	
ULNAMED						2	
NETALL						7	
TOTAL						39	
BASAL AREA (BA)							
DEAD							

WE-003

SITE: Grand Bend
 POLYGON: E-SWD 202
 DATE: Mar 10, 2012
 SURVEYOR(S): Sal Spitzale

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
 BROWN 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			
POPALET													
MAISETZ													
MAIRACE													
VIO PURE													
Wild ginger													
ARITRIP													
ERYAMOR													
HVA VIRG													
POLPURE													
TRIOREC													
VIOJORO													
ANE CING													
MAICANA													
VIO PAPA													
PARBULB						443705, 480							
DSV													

Gravelier Inlet
 D-7 GWA
 R.P.G.R.
 J.M.R.O.
 W.O.T.A.
 J.C.C.A.
 M.C.J.A.

STAND CHARACTERISTICS

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

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 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"/> FORN <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRADIE <input type="checkbox"/> TRICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION	<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"/> TRICKET <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	10-24cm	25-50cm	> 50cm
	DECAYED	< 10cm	10-24cm	> 50cm

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO NODULES	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: 7 7
 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				SPECIES CODE	LAYER			
	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 (PLANTATIONS)		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					FRISH FACTOR	
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

WE-003
 SITE: Grand Bend Overlook - block E
 POLYGON: SW02-2 - unit E
 DATE: May 30 2012
 SURVEYOR(S): J.L. 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	
PYRELIP					COLL
ALBULENT					COLL
PARAVAT					COLL
IMPICAR					COLL
BERELONG					COLL
Carex lupulina					COLL
Carex gynodioides					COLL
GLYMERI					COLL
IRIVIERI					COLL
TYPLATI					COLL
RUBRUS					COLL
FRADINN					COLL
FRANIGR					COLL
OMD (SN)					COLL
COAISON					COLL
COAFOEM					COLL
Rough hatched					COLL
rough hatched					COLL
rough hatched					COLL
ALIPLA-ADU					COLL
bonniec					COLL
VERHAFT					COLL
BARLACU					COLL
JUNKEFK					COLL
SEHTARE					COLL
SEIATRO					COLL
CARLACU					COLL
CARDUCK					COLL

RUGR
 WONA
 SWP-AD
 LFL
 WILR
 REV1
 WOTH
 MCC
 RUCO
 GEEA
 COVE
 YONA
 RWR
 RWCC
 RGGC
 GGT-og.
 GUP
 COYE
 AMKE
 AMLD
 OVEN
 JOSP
 NoFC
 RWR

STAND CHARACTERISTICS

SITE: _____ POLYGON: _____
 SURVEYOR(S): _____ DATE: _____
 UTMZ: _____ UTM: _____ 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 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 checked="" 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 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"/> DECAPODUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> HDED	<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"/> COVER
<input type="checkbox"/> SHALLOW WAT.	<input type="checkbox"/> OPEN
<input checked="" type="checkbox"/> SURFICIAL DEP.	<input type="checkbox"/> SHRUB
<input type="checkbox"/> BEDROCK	<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	FRAPPEN >> METAPY >> PLANECCUM
3 SUB-CANOPY	3	4	FRAPPEN >> LINREN2 = CORFOEM
4 UNDERSTORY	4		
5 GROUND LAYER	6		

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			
	A < 10cm	A 10-24cm	R 25-50cm	N > 50cm
FIRM	0	0	0	0
DECAYED	0	0	0	0

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

443.726, 480.2449

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLING		g = 40	g = 45	g =
DEPTH TO GLEY		G =	G =	G =
DEPTH OF ORGANICS		1cm		
DEPTH TO BEDROCK		no		
MOISTURE REGIME		4	4	4

SL
 50
 12cm
 10cm
 AS
 AS
 45
 45
 50
 50
 50

443843,
 480239

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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4
CAAT									
RHUTYPH									
QUILAPY									
COZALOL									
FRAPENN									
PUPREEM									
LOCCANA									
DANCARO									
POA PRAT									
YANCOL									
FRANUR									
ony-eyes down									
RUCIOMEL									
LOLGIGA									
ASC MACU									

DISTURBANCE and STAND CHARACTERISTICS

SITE: _____

POLYGON: _____

DATE: _____

SURVEYOR(S): _____

MANAGEMENT / DISTURBANCE	LEVEL / EXTENT	MANAGEMENT / DISTURBANCE	LEVEL / EXTENT
SUGAR BUSH OPERATIONS	0	DUMPING (RUBBISH)	0
GAPS IN THE CANOPY	1	EARTH DISPLACEMENT	1
LIVESTOCK (GRAZING)	0	RECREATIONAL USE	0
PLANTING (PLANTATION)	0	ALIEN SPECIES	1
TRAILS AND TRAILS	1	NOISE	1
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	0	FLOODING (POOLS & PUDDLING)	2
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					REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5	
FRAPENN						
FRANIGRA						
QUILAPY						
COZALOL						
FRANIGRA						
PUPREEM						
LOCCANA						
DANCARO						
POA PRAT						
YANCOL						
FRANUR						
ony-eyes down						
RUCIOMEL						
LOLGIGA						
ASC MACU						
TOTAL						
BASAL AREA (BA)						
DEAD						

PREMISE FACTORS: TOTAL 13

POPULUS

Ames
BAOR
TMOU
RGR
RTMA
HAWO

W-026

SITE: Great Salt Lake
 POLYGON: E-F05-8
 DATE: Mar 10 2012
 SURVEYOR(S): Sal 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.	SPECIES CODE	LAYER				COLL.			
	1	2	3	4			1	2	3	4				
TRICORAN					R									
field grass					R									
AKIVRIP					O									
ERY AMER					A									
MALCANA					A									
Present														
LUOON					D									
TRIKREC					R									
MAIRACE					R									
VIOPAPA					D									
VIOPURE					O									
POPPELT					R									
VIOSORO					D									
CANTHAL					R									
TIACORD					D									
DALVEL					R									
MEDVIRG					R									
POLPURE					R									
bluehead fly					R									
WUORAN					R									
LOWAIOE					D									
AMT DIRT					D									
Swamp					R									

Swamp - 493345, 4802145

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

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"/> RIDGEBINE <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"/> CREEK/CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> BEACH/RAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL <input type="checkbox"/> 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			
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 = 35-50% 5 = 50-60% 6 = 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	> 50cm

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

0229-64112
Sporn

GCPL
16/1
EACI
FISP
SMBG

SITE: Grand Ave
POLYGON: J - SW 2-2
DATE: May 11 2012
SURVEYOR(S): J. J. [unclear]

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
BRAIN 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		
ULMAMEL						CAR BROM						
FRAPENN												
POPOCET												
KAMACAVI												
EGU												
FRANBR												
APPRUM												
IMPLADE												
ARISREIP												
WAMAVIRG												
BRUNLANS												
COB 1901												
COB 1902												
COB 1903												
AGE SAGI												
AGE ALCE												
AGE 1904												
LINDEN 2												

NO - 447 995 4292 871

STAND CHARACTERISTICS
SITE: _____
SURVEYOR(S): _____
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"/> 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 checked="" type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVD. <input type="checkbox"/> GUAMINOID <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"/> 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

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 > PACALACCI
3 SUB-CANOPY	7	4	FRAPENN > ULMAMEL = AGEALCE = POPCET
4 UNDERSTORY	8	4	LINDEN 2 > FRAPENN > RACALACCI
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

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT
 447087
 447088
 447089

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

SL 10cm
Aie soil ↓

Wick
16/1

PLANT SPECIES LIST

SITE: _____

POLYGON: _____

DATE: 7

SURVEYOR(S): _____

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

SPECIES CODE	LAYER				COLL
	1	2	3	4	
Hamamelis		A			
NEOPHY	R	O			
ACERARB	O	A			
ALNEMR			A		
POTIMP				R	
Black fern					
ALCALA	R	R			
Euonym				O	
ERYAME				O	
CARCAO			O		
MARACO			D		
beach sp			R		
FRAPPAN	O	O			
TILAME	R				
PIRECEP			R		
axatshb		A			
CORAME	R	R			
partridge berry			O		
SYNACE			R		
ARITEP					

GRAVIRG
 PINKRO
 FRAMER
 POA PRAT
 ACC RUSK
 RAN ACRI
 ZIPAURE ✓
 Senecio obtusifolius - road. local regional
 RUSIOME
 HICAVUG

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
TRAILS AND TRAILS	1	NOISE	1
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	0	FLOODING (POOLS & MUDLING)	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					TOTAL	REL. AV.
	1	2	3	4	5		
POP GREY						7	
FRAPPAN						9	
ERYAME						3	
POP GREY						2	
ALCALA						3	
TOTAL							
BASAL AREA (BA)							
DEAD							

yellow / orange dead
 black dead when
 white hot winds

100

W-026

SITE: Great Pond

POLYGON: F - Forest 8 ?

DATE: May 10 2012

SURVEYOR(S): J. Sal. Upreti

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				SPECIES CODE	LAYER				COLL.
	1	2	3	4		1	2	3	4	
ARICRIIP										
FRYARME										
DENDIPH										
VIOPUOE										
VIOPARI										
TRIEREC										
MAICANA										
POOPELT										
POLPUOE										
MAIRACE										

STAND CHARACTERISTICS

SITE: POLYGON:

SURVEYOR(S): DATE:

UTM: UTMN:

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> TALUS <input type="checkbox"/> CREVICE/CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH/BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVD. <input type="checkbox"/> GRAHAMOID <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	FRESH	10-24cm	25-50cm	> 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 NODULES	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-CANOOPY 3 = SAMPLINGS & SHRUBS 4 = GROUND LAYER
 VALUE CODES: D = DOMINANT A = ABUNDANT Q = OCCASIONAL R = RARE

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

DISTURBANCE and STAND CHARACTERISTICS

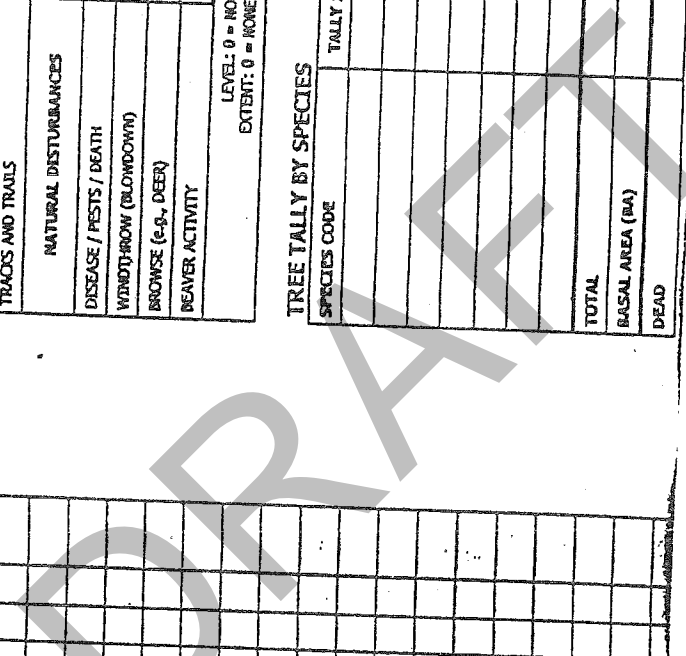
SITE: _____
 POLYGON: _____
 DATE: _____
 SURVEYOR(S): _____

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	
TRAILS 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					TOTAL	REL. AV.
	1	2	3	4	5		
TOTAL							
BASAL AREA (BA)							
DEAD							



CAME calling from N.E.S side
of area held in cum

PLANT SPECIES LIST

SITE: broad bed W-004

POLYGON: K-FO04-2

DATE: Nov 10 2012

SURVEYOR(S): Dal Spitate

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
BRAIN 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	
FLAVIRG						AE NIGR					
GERMACU											
MAIRAGE											
HYOVIRG											
ARLERIP											
ERYAMER											
ALLVIRIC											
DENDIPH											
AEGL											
TRILGRAN											
PODPELT											
ANECINQ											
VIO TORO											
CAUSHAL											
DANDEL											
VIO PURB											
TRIEREC											
ARIATED											

OSPK-04T
BECH
NORC
E4ST
DOWD
YOSA
ALJA

STAND CHARACTERISTICS

POLYGON: _____ DATE: _____

SURVEYOR(S): _____ UTMZ: _____ UTM: _____

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 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 LND. <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"/> 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
1 EMERGENT		
2 CANOPY		
3 SUB-CANOPY		
4 UNDERSTORY		
5 GROUND LAYER		

SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)

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	10-24cm	25-50cm	> 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 MOTILES	0 =	0 =	0 =	0 =
DEPTH TO GLEY	G =	G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

0449205, 409984
 449098, 409984
 RBWD SPIE
 NOFL TRW
 RWLA
 NOFL
 TRW
 HAWO
 CEWA
 SMWA
 PAWA
 YKWA
 FISP
 HOLA
 AMRO
 BCCA
 RWLA
 AMRO
 COFE
 OVEN
 RBWR
 EAPH
 UETA
 RWWA
 GWWA
 NOCA
 WOTR
 AMEC
 MAWA
 EAPWA
 B-T-BWA
 I can see in the sky

SITE: Grand Bend
 POLYGON: J-F0042 SMD42
 DATE: May 8 2012
 SURVEYOR(S): J. J. Spitzer
 WE 001
 LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SURLINGS & 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	
VIDCON					0						
NEWDAHA					R						
MAICAMIA					A						
ERYAMOR					A						
MAIRACE					R	POPALC	A				
AEITRIP					R	GRANUR	R				
TIACORD					D	FRAPENN	A				
ENDDDVA					R	ALCAPPY	A				
CITREPE					D	POPBEM	O				
VIOPHBE					R						
VIOFOLA					R						
TRAVIRG					A						
TRIEREC					R						
CARPENN					R						
White bearberry					X						

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

POLYGON DESCRIPTION
 SYSTEM: TERRESTRIAL, WETLAND, AQUATIC
 SUBSTRATE: ORGANIC, MINERAL SOIL, PARENT MATERIAL, ACIDIC BEDROCK, BASIC BEDROCK, CARB. BEDROCK
 TOPO. FEATURE: LAQUSTRINE, RIVERINE, BOTTOMLAND, TERRACE, VALLEY SLOPE, TABLELAND, ROLLING UPLAND, CLIFF, TALLS, CREVICE/CAVE, ALVAR, ROCKLAND, BEACH/RAB, SAND DUNE, BLUFF
 SITE: OPEN WATER, SHALLOW WAT., SURFICIAL DEP., BEDROCK
 HISTORY: NATURAL, CULTURAL
 PLANT FORM: PLUNKTON, SUBMERGED, FLOATING LVD., GRAMINOID, FORB, LICHEN, BRYOPHYTE, DECIDUOUS, CONIFEROUS, MIXED
 COMMUNITY: LAKE, POND, RIVER, STREAM, MARSH, SWAMP, FEN, BOG, BARREN, MEADOW, PRAIRIE, THicket, SAVANNAH, WOODLAND, FOREST, PLANTATION

STAND DESCRIPTION
 LAYER: 1 EMERGENT, 2 CANOPY, 3 SUB-CANOPY, 4 UNDERSTORY, 5 GROUND LAYER
 HT, CVR, SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; ≈ ABOUT EQUAL TO)
 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 = > 35-50% 5 = > 50-60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

Hand page book - volume (L 137A 7)

BTG-GWA
COR
CUR
NOL
AME
AMC
BAPE
OVEN
CHWA
BTG-GWA
RCR
Bawa
Meybeck

200-200-200-200-200-200-200

SITE:	Bread Bend
POLYGON:	I - F004-2
DATE:	Nov 8, 2012
SURVEYOR(S):	Jal Spitzke

W-01A

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	
GRMACE					
ALUPIT					
WIDGOS					
FLAVIK					
PLITRIP					
MAIRACE					
PODPECT					
ERYAMER					
HYDVIRG					
THAMNE					
MAUSL					

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

POLYGON DESCRIPTION				
SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM
<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"/> LAOUSTRINE <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"/> BRYOPHYTE <input type="checkbox"/> DECIDUOUS <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED
SITE		COVER		COMMUNITY
<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		<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"/> MEADOW <input type="checkbox"/> BARREN <input type="checkbox"/> CONIFEROUS <input type="checkbox"/> MIXED <input type="checkbox"/> PRAIRIE <input type="checkbox"/> TRICKET <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION

STAND DESCRIPTION		
LAYER	HT	CVR
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	> 50cm
STANDING SNAGS	< 10cm	10-24cm	> 50cm
DEAD/FALL/LOGS	FIRM	10-24cm	> 50cm
	DECAYED	< 10cm	> 50cm

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT				
TEXTURE	1	2	3	4
DEPTH TO NODULES				
DEPTH TO GLEY				
DEPTH TO ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

W-042

PLANT SPECIES LIST
 SITE: Grand Bend
 POLYGON: R - 6004-2
 DATE: 18/05/12
 SURVEYOR(S): Sal Spitalo

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
 BRUSH BLANKET: → 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						ALC x FEED					
Vio solo						FRAPEN A					
MAICANA											
VioPURE											
ALPETI											
Ray's fin											
GNARLES											
ERYAMER											

GRCA
 INBU
 RWBB
 COYE
 GDFL
 AMRO
 BLTA
 YEMVA
 PCCN
 AMCR
 SOMP
 LUPC
 RBGB
 COBR
 REVI
 CHWA
 BAOR
 DALU
 AMRE
 LUN

STAND CHARACTERISTICS
 SITE: POLYGON:
 SURVEYOR(S): DATE:
 UTMZ: UTM: 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 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"/> GRAHAMOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> OPEN <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"/> 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 = < 10% 2 = 10-25% 3 = 25-35% 4 = 35-60% 5 = > 60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING STAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	10-24cm	25-50cm	> 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 =				
DEPTH TO GLEY 0 =				
DEPTH OF ORGANICS 0 =				
DEPTH TO BEDROCK 0 =				
MOISTURE REGIME				

WE-018

SITE: Northland - T lines - Roadside

POLYGON: SWD1 Swb 2-2

DATE: 1 June 12

SURVEYOR(S): SKM

PLANT SPECIES LIST

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	
FRAPENN	A				
PORTRGM	A				
RHACATH					
RHTYPH					
SOLCANA					A edge

STAND CHARACTERISTICS

SITE: Northland

SURVEYOR(S): SKM

UTMZ: 17T

POLYGON: SWD

DATE: 1 June 11

UTME: 444138

UTMN: 480775

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<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"/> LAQUSTRINE <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"/> 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 checked="" type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input checked="" type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVD. <input type="checkbox"/> GRAMINOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input 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 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	FRAPENN > PORTRGM
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	A	A	D	N
FIRM	N	O	N	N
DEADFALL LOGS				
not visible				

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

W-0291

PLANT SPECIES LIST

SITE: Northland-T-Una (Rambantu)
 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
 BURN BLANKET: → 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		
FRAGENN	D											
ULMAMCA	O											
RHACATH	D											

STAND CHARACTERISTICS

SITE: _____ SURVEYOR(S): _____ POLYGON: _____
 UTMZ: _____ UTM: 44438 DATE: _____
 UTMN: 4804715

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"/> LAQUESTRINE <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"/> GREYCE/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"/> FORD <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
 OPEN WATER
 SHALLOW WAT.
 SURFICIAL DEP.
 BEDROCK

COVER
 OPEN
 SHRUB
 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	FRAGENN
3 SUB-CANOPY	3	5	FRAGENN
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	< 10cm				10-24cm				25-50cm				> 50cm			
	A	O	D		A	O	D		A	O	D		A	O	D	
STANDING SNAGS																
DEADFALL/LOGS																
<i>not available</i>																

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

W-039

SITE: Northland
 POLYGON: FOD 2 (Rearbank)
 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	
FRAPPEN	D	D			
PICABIG	R	R			
PHUTIPH	O	A			
SOLCANA					
PRUVIEG					
PTEAGDI					
BROINER					

STAND CHARACTERISTICS

SITE: Northland
 SURVEYOR(S):
 UTMZ: 17T
 UTM: 44475
 DATE: UTMN: 4804984

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 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"/> GRANULOID <input type="checkbox"/> FORB <input type="checkbox"/> LICHEN <input type="checkbox"/> BRYOPHYTE <input type="checkbox"/> BOG <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"/> 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	FRAPPEN
3 SUB-CANOPY	3	3	PRUVIEG = FRAPPEN
4 UNDERSTORY	4	3	CORRAC = RHUTYPH
5 GROUND LAYER	3	3	BROINER = SOLCANA

HT CODES: 1 = > 25m 2 = 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0-0.5m 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	A	A	N	N
FIRM				
DECAYED				

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO ROOTLES				
DEPTH TO GLEY				
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

PLANT SPECIES LIST

WE-013

SITE: Northland T-Line - Canada

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

BIRLAUN 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	
FRAPENN	DA				
ACESACOSAC	D				
SOLGIGA					

AMRE
HOUR
6:40

STAND CHARACTERISTICS

SITE: SURVEYOR(S): POLYGON:

UTMZ: UTME: 446600 DATE: UTMN: 480532

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"/> CRVICE/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 LVO. <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"/> PRARIE <input type="checkbox"/> THicket <input type="checkbox"/> SAVANNAH <input type="checkbox"/> WOODLAND <input type="checkbox"/> FOREST <input type="checkbox"/> PLANTATION

SITE
 OPEN WATER
 SHALLOW WAT.
 SURFICIAL DEP.
 BEDROCK

COVER
 OPEN
 SHRUB
 TREEED

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
3 SUB-CANOPY	3	5
4 UNDERSTORY	4	3
5 GROUND LAYER	5	3

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 SWAGS	A	D	N	N
DEADFALL/LOGS				
FIRM		A		
DECAYED				

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

WE015

SITE: *Norwood - T. Lane*
 POLYGON: *SWD3 SWT 3-2*
 DATE: *1 June 12*
 SURVEYOR(S): *SKM*

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

SPECIES CODE	LAYER				COLL.
	1	2	3	4	
FRAGANN					
ULMAMGR					
TILAMGR					
GLYSTRI					
THUSOCEL					
VITRIPA					
RHUTIPH					
RHACATH					
ROSMULT					

WANI
BAOR

STAND CHARACTERISTICS

SITE: _____ SURVEYOR(S): _____ POLYGON: _____
 UTMZ: *17* UTM: *44 6244* DATE: _____
 UTMN: *488371*

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<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 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"/> GRASSHNOID <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"/> 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	<i>2</i>	<i>5</i>	<i>FRAGANN</i>
3 SUB-CANOPY	<i>3</i>	<i>3</i>	<i>ULMAMGR >> TILAMGR</i>
4 UNDERSTORY	<i>4</i>	<i>3</i>	<i>RHACATH</i>
5 GROUND LAYER	<i>5</i>	<i>4</i>	<i>GLYSTRI</i>

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	<i>A</i>	<i>A</i>	<i>R</i>	<i>N</i>
FIRM	<i>D</i>	<i>A</i>	<i>O</i>	<i>N</i>
DECAYED				

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

OC-037

SITE: NORTHLAND T-Dunes - *concrete*
 POLYGON: CUT 1
 DATE: 1 June 12
 SURVEYOR(S): SILM

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	
THU001	A	A			
Grasses					
Goldevents					
MAL001	O				
CHR001	A				

STAND CHARACTERISTICS
 SITE: _____ POLYGON: _____
 SURVEYOR(S): _____ DATE: _____
 UTMZ: _____ UTM: _____ 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"/> LAOISTRINE <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"/> CREEK/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"/> SURMERGED <input type="checkbox"/> FLOATING LTD. <input type="checkbox"/> GRAVINOID <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	4	THU001
3 SUB-CANOPY	4	2	THU001
4 UNDERSTORY	6	5	Grasses + goldevents
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	2	2	2
DEADFALL/LOGS				
FIRM				
DECAYED				

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

WE-015

PLANT SPECIES LIST	SITE: <i>Northland T-lmbs / Roadside</i>
	POLYGON: <i>SWT 1</i>
	DATE: <i>1 June 12</i>
	SURVEYOR(S): <i>SKM</i>

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	
<i>SALEX</i>					

STAND CHARACTERISTICS	SITE:	POLYGON:
POLYGON DESCRIPTION	UTM Z:	DATE:
	UTME: <i>477695</i>	UTMN: <i>485303</i>

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 LVO. <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"/> PRARIE <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	<i>3-4</i>	<i>5</i>	<i>SALEX</i>
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 SWAGS	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>
DEADFALL/LOGS				
FIRM				
DECAYED				

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

WFO286

SITE: Northland - Timber Map

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		
PORBALS	D											
CORRACE	D											

STAND CHARACTERISTICS

POLYGON: SWD 4

DATE: 15 June 12

SURVEYOR(S): SKM

UTM: 447732

UTM: 480590

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"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> 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"/> 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"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVO. <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

SPECIES IN ORDER OF DECREASING DOMINANCE:
 (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)

LAYER	HT	CVR
1 EMERGENT		
2 CANOPY	3	5
3 SUB-CANOPY	3	5
4 UNDERSTORY		
5 GROUND LAYER		

HT CODES: 1 = > 25m 2 = 10-25m 3 = 2-10m 4 = 1-2m 5 = 0.5-1m 6 = 0.1-0.5m 7 = < 0.1m
 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
FIRN				
DEAD/FALL/LOGS				
DECAYED				

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				

PLANT SPECIES LIST

SITE: Wetland T-bar - Roadside WE-086

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
	1	2	3	4	
FRAGN	0				
THUCC	D				

STAND CHARACTERISTICS

SITE: _____ POLYGON: _____

SURVEYOR(S): _____ DATE: _____

UTMZ: _____ UTMZ: _____

POLYGON DESCRIPTION

SYSTEM

TERRESTRIAL WETLAND AQUATIC

SUBSTRATE

ORGANIC MINERAL SOIL PARENT MATERIAL ACIDIC BEDROCK BASIC BEDROCK CARB. BEDROCK

TOPO. FEATURE

LAQUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLLING UPLAND CLIFF TALLS CREEVE/CAVE ALVAR ROCKLAND BEACH/BAR SAND DUNE BLUFF

HISTORY

NATURAL CULTURAL

PLANT FORM

PLANKTON SUBMERGED FLOATING LVD. GRAMINOID FORB LICHEN BRYOPHYTE DECIDUOUS COMIFEROUS MODED MEADOW FRABIE THICKET SAVANNAH WOODLAND FOREST PLANTATION

COMMUNITY

LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN MARGINAL FRABIE THICKET SAVANNAH WOODLAND FOREST PLANTATION

STAND DESCRIPTION

LAYER: _____ HT: _____ CVR: _____

1 EMERGENT

2 CANOPY

3 SUB-CANOPY

4 UNDERSTORY

5 GROUND LAYER

SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)

FRAGNIN = THUCC

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES	0 =			
DEPTH TO GLEY	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				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 (RUBBERSH)	
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 (BLDOWNM)		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					REL. AV.
	1	2	3	4	5	
TOTAL						
BASAL AREA (BA)						
DEAD						

PRISM FACTORY

WE-0807
 SITE: Nothland - 1 km
 POLYGON: FOD / SWD Map 2
 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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4
FRAPGNN									
ACCESAC									
RHACMTH									
ULMAMR									

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

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC <input type="checkbox"/> SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> 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"/> CREEVE/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"/> 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"/> DECIIDUOUS <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"/> 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
1 EMERGENT		
2 CANOPY	2	5
3 SUB-CANOPY	3	3
4 UNDERSTORY	4	5
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 = > 35-50% 5 = > 50-60%

SPECIES IN ORDER OF DECREASING DOMINANCE:
 (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
 FRAPGNN > ACCESAC > RHACMTH > ULMAMR > RHACMTH

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

WE-0267

SITE: Northland T-line Map 2
 POLYGON: SWD 7
 DATE: 1 June 92
 SURVEYOR(S): SKM

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

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

STAND CHARACTERISTICS

SITE: _____ POLYGON: _____
 SURVEYOR(S): _____ DATE: _____
 UTMZ: _____ UTM: _____

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"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> 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"/> 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"/> MANGH <input type="checkbox"/> SWAMP <input type="checkbox"/> FEN <input type="checkbox"/> BOG <input type="checkbox"/> BARREN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRATIE <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	SALX RUBS >> 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	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SWAGS			A	2
FIRN				
DECAYED				

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOTTLES				
DEPTH TO GLEY				
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 = SAMPLINGS & SHRUBS 4 = GROUND LAYER
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				COLL
	1	2	3	4	

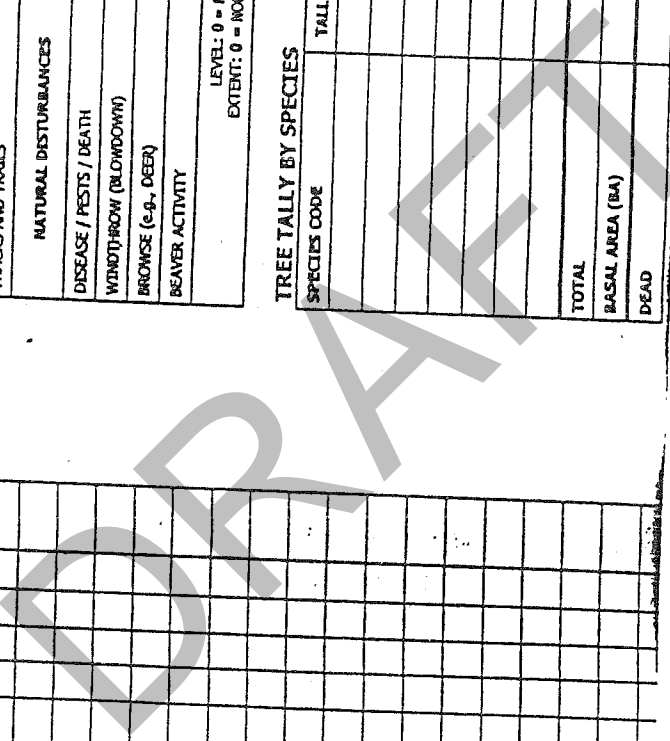
DISTURBANCE and STAND CHARACTERISTICS	SITE:
	POLYGON:
	DATE:
	SURVEYOR(S):

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)		ALLEN SPECIES	
TRACKS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDDLING)	
WIND-TROW (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					TOTAL	REL. AV.
	1	2	3	4	5		
TOTAL							
BASAL AREA (BA)							
DEAD							



WE-0887

SITE: Northland T-line Roadside May 2
 POLYGON: F0D/SWD8
 DATE: 1 June 12
 SURVEYOR(S): SLM

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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4
FRAPENN	D								
ULMAMER									
VITRIPA									
CORRUGO									
SOLCANA									
ACESACC									
CORSTOL									

STAND CHARACTERISTICS

SITE: POLYGON: SURVEYOR(S): DATE: UTMZ: UTM: 480801 UTMN: 4808711

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"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> 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"/> ROCKING 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"/> COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREEED	<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"/> DICHOLOUS <input type="checkbox"/> COMIFEROUS <input type="checkbox"/> MIXED <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"/> 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"/> 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

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		3	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 = 35-50% 5 = 50-60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTILES	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 > (DBH > 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

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

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 & MUDOLING)	
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 FACTOR	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							
BASAL AREA (BA)							
DEAD							

WE027
 SITE: Northland T-line - roadside - No. 2
 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				SPECIES CODE	LAYER				COLL.
	1	2	3	4		1	2	3	4	
ACEBAC										
FRAPENN										

STAND CHARACTERISTICS
 SITE: POLYGON:
 SURVEYOR(S): DATE:
 UTMZ: UTM: 482955 UTMN: 4806189

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> TALUS <input type="checkbox"/> CRYSTAL 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"/> 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"/> DECIUOUS <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"/> TRICKET <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 5 ACEBAC = FRAPENN
 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			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
STANDING SNAGS																
DEADFALL/LOGS	FIRM				DECAYED				FIRM				DECAYED			

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1				2				3				4			
	DEPTH TO ROOTLES 0 =				DEPTH TO GLEY 0 =				DEPTH OF ORGANICS 0 =				DEPTH TO BEDROCK 0 =			

PLANT SPECIES LIST

SITE: _____

POLYGON: _____

DATE: ____/____/____

SURVEYOR(S): _____

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

SPECIES CODE	LAYER				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		NATURAL DISTURBANCES	
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				TOTAL	REL. AV.
	1	2	3	4		
TOTAL						
BASAL AREA (BA)						
DEAD						

FRISH FACTOR: _____

PLANT SPECIES LIST

SITE: WE-024
 POLYGON: SWD 10
 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.
	1	2	3	4	
FRAPENN					
ACESAC					

*Small isolated patch of silver maple
 on a slope
 - mostly arboreal
 - a little more mature than others*

STAND CHARACTERISTICS

SITE: _____ POLYGON: _____
 SURVEYOR(S): _____ DATE: _____
 UTMZ: _____ UTM: _____

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<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"/> 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	2	5	ACESAC = 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	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS		A	N	N
DEADFALL/LOGS WV WOOD	FIRM			
	DECAYED			

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO ROOTLES				
DEPTH TO GLEY				
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

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

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 0 = OCCASIONAL R = RARE

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

PRISH FACTOR:

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

PLANT SPECIES LIST

SITE: WE-029
 POLYGON: Nounland I. Lower roadside - May 2
 DATE: June 12 S.W.D. 2-2
 SURVEYOR(S): S.K.M.

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPPLINGS & 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	
FRAMER D					
POPTREM A					
VITRIPA				0	
THUCCI 00					

STAND CHARACTERISTICS

SITE: POLYGON:
 SURVEYOR(S): DATE:
 UTMZ: UTM: 458606 UTMN: 4886562

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<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"/> 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"/> NATURAL <input type="checkbox"/> CULTURAL <input type="checkbox"/> 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
<input type="checkbox"/> SITE					
<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK		<input type="checkbox"/> TALUS <input type="checkbox"/> CREVICE/CAVE <input type="checkbox"/> ROCKLAND <input type="checkbox"/> ALVAR <input type="checkbox"/> BEACH/RAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF			

STAND DESCRIPTION

LAYER	HT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	2-3		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 = 35-50% 5 = 50-60%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	A	A	A	22
FIRM	O	O	O	O
DECAYED				

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

TEXTURE	1	2	3	4
DEPTH TO MOISTLES				
DEPTH TO GLEY				
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

W-087

SITE: Northland T-line (Kororua) - Map 2
 POLYGON: P0D 12 FOD 6
 DATE: 1 June 12
 SURVEYOR(S): SIM

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

SPECIES CODE	LAYER				COLL
	1	2	3	4	
ACCESAP					
FRAMER					

STAND CHARACTERISTICS	SITE: POLYGON:	SURVEYOR(S): DATE:
UTMZ: UTM: 45694		UTM: 486746

POLYGON DESCRIPTION				
SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC SITE <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> TALUS <input type="checkbox"/> CREVICE/CAVE <input type="checkbox"/> ALVAR <input type="checkbox"/> ROCKLAND <input type="checkbox"/> BEACH/BAR <input type="checkbox"/> SAND DUNE <input type="checkbox"/> BLUFF	<input type="checkbox"/> NATURAL <input type="checkbox"/> CULTURAL COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LVT. <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"/> BARRLEN <input type="checkbox"/> MEADOW <input type="checkbox"/> PRARIE <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	HT	CVR
1 EMERGENT				
2 CANOPY	1	5	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)	
3 SUB-CANOPY			ACCESAP >> FRAMER	
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 = < 10% 2 = 10-25% 3 = 25-35% 4 = 35-50% 5 = 50-60% 6 = 60-75% 7 = 75-90% 8 = 90-100%

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0	A	N	N
DEADFALL/LOGS				
MATURE	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	0"	0"	0"	0"
DEPTH TO GLEY	0"	0"	0"	0"
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

W-093
 SITE: Northward T-line - Roadside - Map 3
 POLYGON: 40713
 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				SPECIES CODE	LAYER				COLL.
	1	2	3	4		1	2	3	4	
ACCESAPSA										
FRAMER										

Handwritten notes:
 Mature woodlot - well-managed stream

STAND CHARACTERISTICS
 SITE: POLYGON: DATE:
 SURVEYOR(S):
 UTMZ: 17J UTM: 48994K UTMN: 487028

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

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 ACCESAPSA > 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%

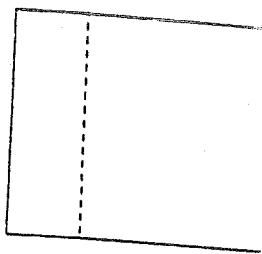
SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTILES				
DEPTH TO GLEY				
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 = SAMPINGS & SHRUBS 4 = GROUND LAYER
VALUE CODES: D = DORMANT A = ABDUANT 0 = OCCASIONAL R = RARE

SPECIES CODE	LAYER				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	▲	DISRUPTING (RUBBERSH)	▲
GAPS IN THE CANOPY	▲	EARTH DISPLACEMENT	▲
LIVESTOCK (GRAZING)	▲	RECREATIONAL USE	▲
PLANTING (PLANTATION)	▲	ALIEN SPECIES	▲
TRACS AND TRAILS	▲	NOISE	▲
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH	▲	FLOODING (POOLS & MUDOLING)	▲
WINDTHROW (BLLOWDOWN)	▲	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					FRISH FACTOR:	REL. AV.
	TALLY 1	TALLY 2	TALLY 3	TALLY 4	TALLY 5		
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN

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

WEO30
SITE: Northern T-line roadside - map 3
POLYGON: SWD and MAP 5
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.
	1	2	3	4	
SALXRUGE	D				
POPALBA	R				
POPREM	O				
QUEMACR	R				

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

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORMS	COMPLEXITY
<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	<input type="checkbox"/> PLANKTON <input type="checkbox"/> SUBMERGED <input type="checkbox"/> FLOATING LND. <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
SITE	COVER				
	<input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREED				
	<input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL DEP. <input type="checkbox"/> BEDROCK				

STAND DESCRIPTION

LAYER	HT	CVR
1 EMERGENT		
2 CANOPY	2	4
3 SUB-CANOPY		
4 UNDERSTORY		
5 GROUND LAYER	7	5

HEIGHT 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%

SPECIES IN ORDER OF DECREASING DOMINANCE:
(> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLES				
DEPTH TO CLAY				
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

large
leaves
infruct
Piper
along
stream
young
grove
interment

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

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				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	
TRAILS AND TRAILS		NOISE	
NATURAL DISTURBANCES	LEVEL / EXTENT	NATURAL DISTURBANCES	LEVEL / EXTENT
DISEASE / PESTS / DEATH		FLOODING (POOLS & MUDDLING)	
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	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							

FRISK FACTORS

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

OC-036
WE-031
W-102

PLANT SPECIES LIST

SITE: Newland
POLYGON: F0D14/CUP/SWD
DATE: 1 June 12
SURVEYOR(S): SKM

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

SPECIES CODE	LAYER				SPECIES CODE	LAYER				COLL
	1	2	3	4		1	2	3	4	
ACSAACEAC	0	0	0	0	ACSAACEAC	0	0	0	0	COLL
ULMANG	0	0	0	0	ULMANG	0	0	0	0	COLL
PINSTRO	0	0	0	0	PINSTRO	0	0	0	0	COLL
PICGLAV	0	0	0	0	PICGLAV	0	0	0	0	COLL
FRAMGE	0	0	0	0	FRAMGE	0	0	0	0	COLL
PODELT	0	0	0	0	PODELT	0	0	0	0	COLL
THUDCCI	0	0	0	0	THUDCCI	0	0	0	0	COLL
FRAPENN	0	0	0	0	FRAPENN	0	0	0	0	COLL
PHARUN	0	0	0	0	PHARUN	0	0	0	0	COLL
ACENCGU	0	0	0	0	ACENCGU	0	0	0	0	COLL

*Parinari
moringa
Acacia
fract. big.
aom. big.
Mimosa
Panicum
Stylosanthes
Lantana
Scaevola
Panicum
+ ash
swamp*

STAND CHARACTERISTICS

POLYGON: DATE: UTMZ: UTM: UTMN: UTMN: UTMN:

POLYGON DESCRIPTION

SYSTEM: TERRESTRIAL WETLAND AQUATIC

SUBSTRATE: ORGANIC MINERAL SOIL PARENT MATERIAL ACIDIC BEDROCK BASIC BEDROCK CARB. BEDROCK

TOPO. FEATURE: LAOUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLLING UPLAND CLIFF TALLUS CRVICE/CAVE ALVAR ROCKLAND BEACH/BAR SAND DUNE BLUFF

HISTORY: NATURAL CULTURAL

PLANT FORM: PLANKTON SUBMERGED FLOATING LVD. GRAVINOID FORB LICHEN BRYOPHYTE DECIDUOUS COMIFEROUS MIXED BAREEN MEADOW FRAGRIE THicket SAVANNAH WOODLAND FOREST PLANTATION

COMPARITY: LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BAREEN MEADOW FRAGRIE THicket SAVANNAH WOODLAND FOREST PLANTATION

STAND DESCRIPTION

LAYER HT CVR

1 EMERGENT 2 5

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 = < 10% 2 = 10-25% 3 = 25-35% 4 = 35-60% 5 = > 60%

SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; ≈ ABOUT EQUAL TO)

ACSAACEAC > FRAPENN > PHARUN > PHARUN

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0	0	0	0
FIRES	0	0	0	0
DEAD/FALL/LOGS	0	0	0	0
NOT VISIB	0	0	0	0
DECAYED	0	0	0	0

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

OC-037
 SITE: Northland T-line - Corbridge Map 3
 POLYGON: C05/C0W
 DATE: 1 June 12
 SURVEYOR(S): SLM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPRINGS & 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	
ACESARCCAC	A				
FRAARCR	3				
MALPUMI	A	A			
BROINER			A		
RHACATH			0		
Crataegus sp.			0		
PTAARUN			A		
FESARUN			A		
SOLCANA			A		
ULMAMP	0				

Successional field 5
 Suffering
 with a few
 apple &
 beech
 grasses

STAND CHARACTERISTICS
 SITE: SURVEYOR(S): POLYGON:
 UTMZ: 177 UTM: 463024 DATE: UTMN: 487614

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLEXITY
<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 <input type="checkbox"/> 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"/> 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
1 EMERGENT		
2 CANOPY	2	4
3 SUB-CANOPY	3	4
4 UNDERSTORY	4	3
5 GROUND LAYER	0	5

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%

SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
 ACESARCCAC
 ACESARCCAC > FRAMER
 MALPUMI > Crataegus sp.
 FESARUN > PTAARUN

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	< 10cm	10-24cm	25-50cm	> 50cm
DEADFALL/LOGS	FIRM	10-24cm	25-50cm	> 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 MOTILES g =		g =	g =	g =
DEPTH TO GLEY G =		G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

W-118

PLANT SPECIES LIST

SITE: *Norland T. line - Roadside Map 3*

POLYGON: *FOD 13*

DATE: *1 June 12*

SURVEYOR(S): *S. KM*

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPLINGS & SHRUBS 4 = GROUND LAYER
BRAIN 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	
ACESACCSAC	A				
FRAMGR 0					
ACESACS 0					
PINSTRO 0					
PINSYLW 0					
R					

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMPLURITY
<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"/> NATURAL <input type="checkbox"/> CULTURAL <input type="checkbox"/> 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	HIT	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
1 EMERGENT			
2 CANOPY	1	5	<i>ACESACCSAC 7 FRAMGR</i>
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 = 35-50% 5 = 50-60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY

PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

	1	2	3	4
TEXTURE				
DEPTH TO MOTTLER θ =		θ =	θ =	θ =
DEPTH TO GLEY G =		G =	G =	G =
DEPTH OF ORGANICS				
DEPTH TO BEDROCK				
MOISTURE REGIME				

Mature woodlot

2 sugar maple + oak

WE037

SITE: Northward T-line roadside map 3

POLYGON: SJD 16

DATE: 1 June 12

SURVEYOR(S): SKM

LAYERS: 1 = CANOPY TREES > 10m 2 = SUB-CANOPY 3 = SAPPLINGS & 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	
FRAPENN	D				
ACGNEGV	A 0				
RUBSCP	A				

Denon mid-aged Ash & mambon made along roadways

STAND CHARACTERISTICS

SITE: SURVEYOR(S): POLYGON: DATE:

UTMZ: 46155 UTMN: 4891636

POLYGON DESCRIPTION

SYSTEM: TERRESTRIAL WETLAND AQUATIC

SUBSTRATE: ORGANIC MINERAL SOIL PARENT MATERIAL ACIDIC BEDROCK BASIC BEDROCK CARB. BEDROCK

TOPO. FEATURE: LAOISTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLLING UPLAND CLIFF TALUS CREVICE/CAVE ALVAR ROCKLAND BEACH/RAR SAND DUNE BLUFF

HISTORY: NATURAL CULTURAL

PLANT FORM: PLANKTON SUBMERGED FLOATING (VD) FORB GRAMINOID LIKEN BRYOPHYTE DECAUOUS CONIFEROUS MIXED

COMPLEXITY: LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN MEADOW FRAGRILE THICKET SAVANNAH WOODLAND FOREST PLANTATION

SITE: OPEN WATER SHALLOW WAT. SURFICIAL DEP. BEDROCK

COVER: OPEN SHRUB TREED

STAND DESCRIPTION

LAYER HT CYR SPECIES IN ORDER OF DECREASING DOMINANCE (> MUCH GREATER THAN; > GREATER THAN; " ABOUT EQUAL TO)

1	EMERGENT		
2	CANOPY	2 S	FRAPENN
3	SUB-CANOPY	3 4	ACGNEGV
4	UNDERSTORY	4-5 S	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

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

SIZE CLASS ANALYSIS

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

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

W-123

SITE: Northland T-linear landscape - Map 4
 POLYGON: FD 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				SPECIES CODE	LAYER			
	1	2	3	4		1	2	3	4
FRAMER	DD								
ACESAGCAG									
MALPUMI	R								

Mid-aged
woodlot
- very little
canopy

STAND CHARACTERISTICS SITE: POLYGON: SURVEYOR(S): DATE: POLYGON: UTMZ: UTME: 465687 UTMN: 4810472

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY		PLANT FORM	COMPLEXITY
			NATURAL	CULTURAL		
<input checked="" type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC	<input type="checkbox"/> ORGANIC <input type="checkbox"/> MINERAL SOIL <input type="checkbox"/> PARENT MATERIAL <input type="checkbox"/> ACIDIC BEDROCK <input type="checkbox"/> BASIC BEDROCK <input type="checkbox"/> CARB. BEDROCK	<input type="checkbox"/> LAKESTRINE <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	COVER		<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"/> 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"/> 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"/> 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	FRAMER >> ACESAGCAG
3 SUB-CANOPY	3	5	FRAMER
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 = 35-50% 5 = 50-60%

SIZE CLASS ANALYSIS

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

COMMUNITY MATURITY
 PIONEER YOUNG MID-AGE MATURE OLD-GROWTH

SOIL ASSESSMENT

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

WE-038
W-128

PLANT SPECIES LIST

SITE: Northland T-limb - Roadside - Map 4
 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 BLAUKUET: + PRESENT 1 = < 1-5% 2 = 5-25% 3 = 25-50% 4 = 50-75% 5 = 75-100%

SPECIES CODE	LAYER				SPECIES CODE	LAYER				COLL
	1	2	3	4		1	2	3	4	
FRAPENN	0									
ULMAMGR	0									
SALXRUG	0									
PHARUN	0									
MALPUMI	0									
Crataegus sp	0									
QUEMARB	0									

STAND CHARACTERISTICS

SITE: POLYGON: DATE:
 SURVEYOR(S): UTMZ: UTM: 466711 UTMN: 481212

POLYGON DESCRIPTION

SYSTEM	SUBSTRATE	TOPO. FEATURE	HISTORY	PLANT FORM	COMUNITY
<input type="checkbox"/> TERRESTRIAL <input type="checkbox"/> WETLAND <input type="checkbox"/> AQUATIC <input type="checkbox"/> OPEN WATER <input type="checkbox"/> SHALLOW WAT. <input type="checkbox"/> SURFICIAL 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"/> LAKE/STRINE <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"/> COVER <input type="checkbox"/> OPEN <input type="checkbox"/> SHRUB <input type="checkbox"/> TREEED	<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
1 EMERGENT		
2 CANOPY	2	5
3 SUB-CANOPY	3	4
4 UNDERSTORY	4	2
5 GROUND LAYER	5	5

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 = < 10% 2 = > 10-25% 3 = > 25-35% 4 = > 35-60% 5 = > 60%

SPECIES IN ORDER OF DECREASING DOMINANCE:
 (> MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)
 5 SALXRUG = FRAPENN
 4 ULMAMGR
 2 Crataegus sp
 PHARUN

SIZE CLASS ANALYSIS

TREES	< 10cm	10-24cm	25-50cm	> 50cm
STANDING SNAGS	0	N	N	N
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 MOTILES	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 = SABLINGS & SPRINGS 4 = GROUND LAYER
 VALUE CODES: D = DOMINANT A = ABUNDANT O = OCCASIONAL R = RARE

SPECIES CODE	LAYER				SPECIES CODE	LAYER			
	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		NATURAL DISTURBANCES	
DISEASE / PESTS / DEATH		FLOODING (POOLS & PUDGING)	
WINDY/ROW (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	TOTAL	REL. AV.
TOTAL							
BASAL AREA (BA)							
DEAD							MEAN