



CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						+ Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus alleghaniensis						Agropyron repens					
Larix laricina						Rubus idaeus						Alopecurus					
Picea abies						Rubus occidentalis						Bromus inermis					
Picea glauca						Rubus odoratus						Calamagrostis canadensis					
Pinus resinosa						Rubus pubescens						Carex acutata					
Pinus strobus						Salix alba						Carex anrea					
Pinus sylvestris						Salix amygdaloides						Carex bebbii					
Thuja occidentalis						Salix bebbiana						Carex blanda					
Tsuga canadensis						+ Salix discolor						Carex gracillima					
						Salix crinocephala						Carex granularis					
						Salix exigua						Carex hystericina					
						Salix lucida						Carex pennsylvanica					
						Salix petiolaris						Carex radiata					
TREES and SHRUBS						+ Salix purpurea						Carex retrosa					
Acer negundo						Salix x rubens						Carex stipata					
Acer rubrum						+ Salix						Carex stricta					
Acer saccharinum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharum	X					Sambucus racemosa						Carex <del>atlantica</del>					
Acer spicatum						Sorbus aucuparia						Carex <del>sp</del>					
Alnus rugosa						Spiraea alba						Carex					
Amelanchier						Syringa vulgaris						Carex					
Berberis thunbergii						+ Tilia americana		X				Carex					
Betula alleghaniensis						Ulmus americana						Carex					
Betula papyrifera						Ulmus						Carex					
Carpinus caroliniana						Vaccinium						Carex					
Carya cordiformis						Viburnum lentago						Cyperus					
Calostrotus scandens						Viburnum opulus						Cyperus					
Cornus alternifolia						Viburnum						Dactylis glomerata					
Cornus amomum						Vitis riparia		X				Danthonia spicata					
Cornus rugosa												Echinochloa crus-galli					
Cornus stolonifera												Elychnis erythropoda					
Corylus cornuta												Elychnis					
Crataegus monogyna												Elymus virginicus					
Crataegus punctata												Elymus					
Crataegus sp.												Festuca arundinacea					
Crataegus												Glyceria striata					
Dierilla lonicera												Glyceria					
Fagus grandifolia	X											Juncus dudleyi					
Fraxinus americana		X										Juncus effusus					
Fraxinus nigra						PERNS						Juncus tenuis					
Fraxinus pennsylvanica						Adiantum pedatum						Juncus					
Ilex verticillata						Athyrium filix-femina						Juncus					
Juglans cinerea						Botrychium multifidum						Leersia oryzoides					
Juglans nigra						Botrychium virginianum						Muhlenbergia					
Lonicera morrowii						Cystopteris bulbifera						Oryzopsis asperifolia					
Lonicera tatarica						Dryopteris carthusiana						Panicum					
Lonicera						Dryopteris cristata						Panicum					
Malus pumila						Dryopteris marginalis						Phalaris arundinacea					
Ostrya virginiana	X					Dryopteris						Phleum pratense					
Parthenocissus inserta						Equisetum arvense						Phragmites australis					
Populus balsamifera						Equisetum hyemale						Poa compressus					
Populus grandidentata						Equisetum variegatum						Poa pratensis					
Populus tremuloides						Equisetum						Poa					
Populus						Gymnocarpium dryoperia						Scirpus atrovirens					
Prunus pennsylvanica						Lycopodium digitatum						Scirpus cyparissus					
Prunus serotina	X					Lycopodium obscurum						Scirpus validus					
Prunus virginiana						Lycopodium						Scirpus					
Prunus						Lycopodium						Scirpus					
Quercus macrocarpa						Mattucia struthiopteris						Setaria					
Quercus rubra						Oncoclea sensibilis						Spartanum					
Quercus						Opuntia cuneata						Typha angustifolia					
Rhamnus carthartica						Opuntia regalis						Typha latifolia					
Rhus medicans						Polystichum acrostichoides						Typha X glauca					
Rhus typhina						Pteridium aquilinum											
Ribes americana						Thelypteris palustris											
Ribes cynosbati																	
Ribes x rubrum																	
Robinia pseudo-acacia																	



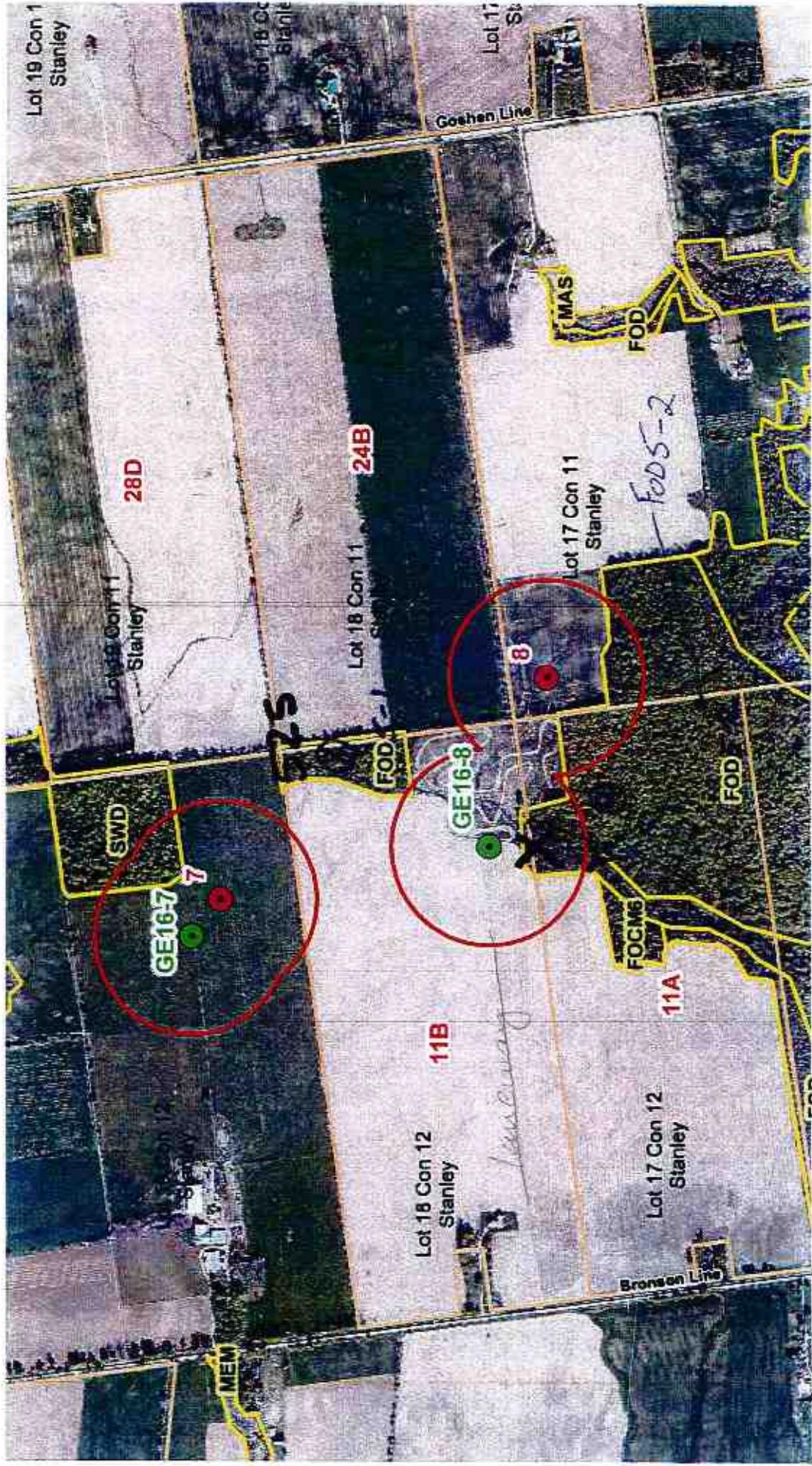
BLW-524

*Coquina feature  
in all FIDS  
Nov 24/2011*



TURBINE  
GE 16-8, 16-7

BLM-525



Access: Property 11B - can drive straight back through  
~ centre of farm, should be a  
visible path (as former uses it). 525

Pawillon Road

68-10-500

**ELC**  
Community Description and Classification

Site: **BLW-525** Polygon: **8** Prism factor: **2**

Surveyor(s): **DS** Date: **10/27/11** Time start: **1535** finish: **1841**

UTMZ: **17Y** UTMZ: **48R055** UTMN: **1841**

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input checked="" type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic <input type="checkbox"/> Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Miner. Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Aquatic <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk	<input type="checkbox"/> Acustrine <input checked="" type="checkbox"/> Rivine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Vol. Up and <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> A-ter <input type="checkbox"/> Rock and <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<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"/> Barron <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 (up to 4 sp) (> Much Greater Than; > Greater Than; = About Equal To)
1	1	2.1	ACESACC >> FAGGPAR
2	2	2	PRAMER = OSVIRG
3	3	2	PRAMER
4	3.4	2.4	PRAMER, 2 SOLFLEX = HYDVI6

HT Codes: 1 < 0.2m 2 > 0.2-0.5m 3 > 0.5-1m 4 > 1.7m 5 > 2.6m 6 > 2.6-5m 7 > 5m  
 CVR Codes: 0 = none 1 0% - 10% 2 10 - 25% 3 25 - 50% 4 > 50%

**Stand Composition: Size Class Analysis:**

BA:	< 10	10-24	25-50	> 50
Standing Snags:	R < 10	N 10-24	N 25-50	N > 50
Deadfall / Logs:	R < 10	N 10-24	N 25-50	N > 50

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

**Com. Age:**  Pioneer  Young  Mid-Age  Mature  Old Growth

**Ecosite:** Dry-Fresh Sugar maple-Bald Pate Code: **FADS**

**Vegetation:** Dry-Fresh Sugar maple-Bald Pate Code: **FADS**

**Type:** (fresh) **FF** Code: **FADS**

**Inclusion:** Code: **FADS**

**Complex:** Code: **FADS**

**Community Profile Diagram/Comments**

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Rel. Avg.
Basal Area (BA)						100
Dead						

**Soils Ontario and ELC Soils Description**

Pit/Auger #	1	2	3	4	Summary
Zone					
Easting					
Northing					
Position					
Aspect	Z16				
Percent					
Slope					
Length					
Mottles					
Gley					
Water Table					
Carbonates					
Bedrock					
Depth from zero					% CF
Texture					% CF
Depth from zero					% CF
Texture					% CF
Depth from zero					% CF
Texture					% CF
Depth from zero					% CF
Texture					% CF
% Surface Stones/Rock					
Moisture Regime					
Drainage					

**Soil Horizon Description**

Depth from zero	Texture	% CF
1		% CF
2		% CF
3		% CF
4		% CF











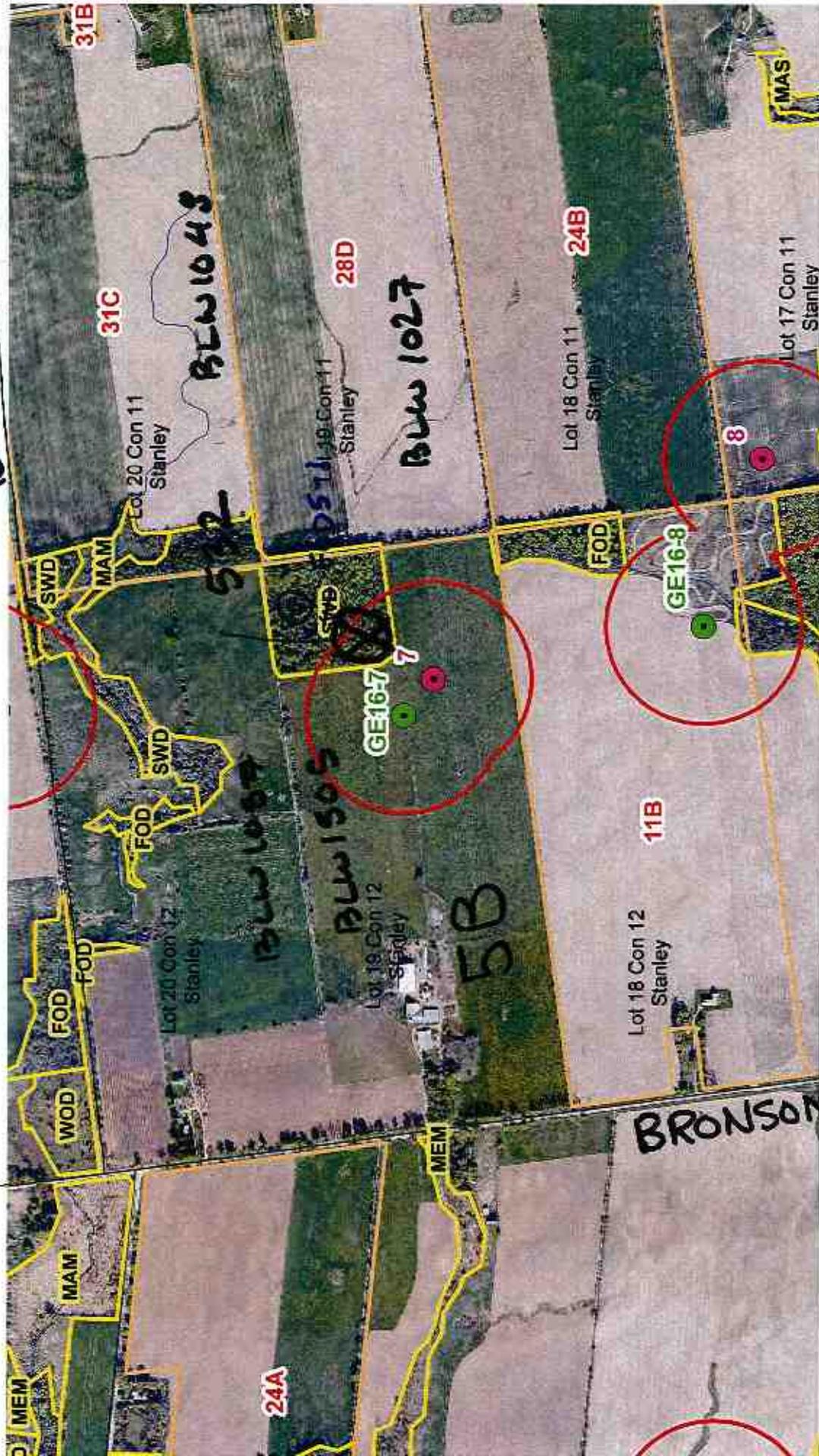
Turbine ID

GE16-7, Siemens 7

BLW-532

Bluewater Fig. 1

BLUE BLUFF RD.



Access: via property 5B (Suggested) off of Bronson Line

BLW 1505

532

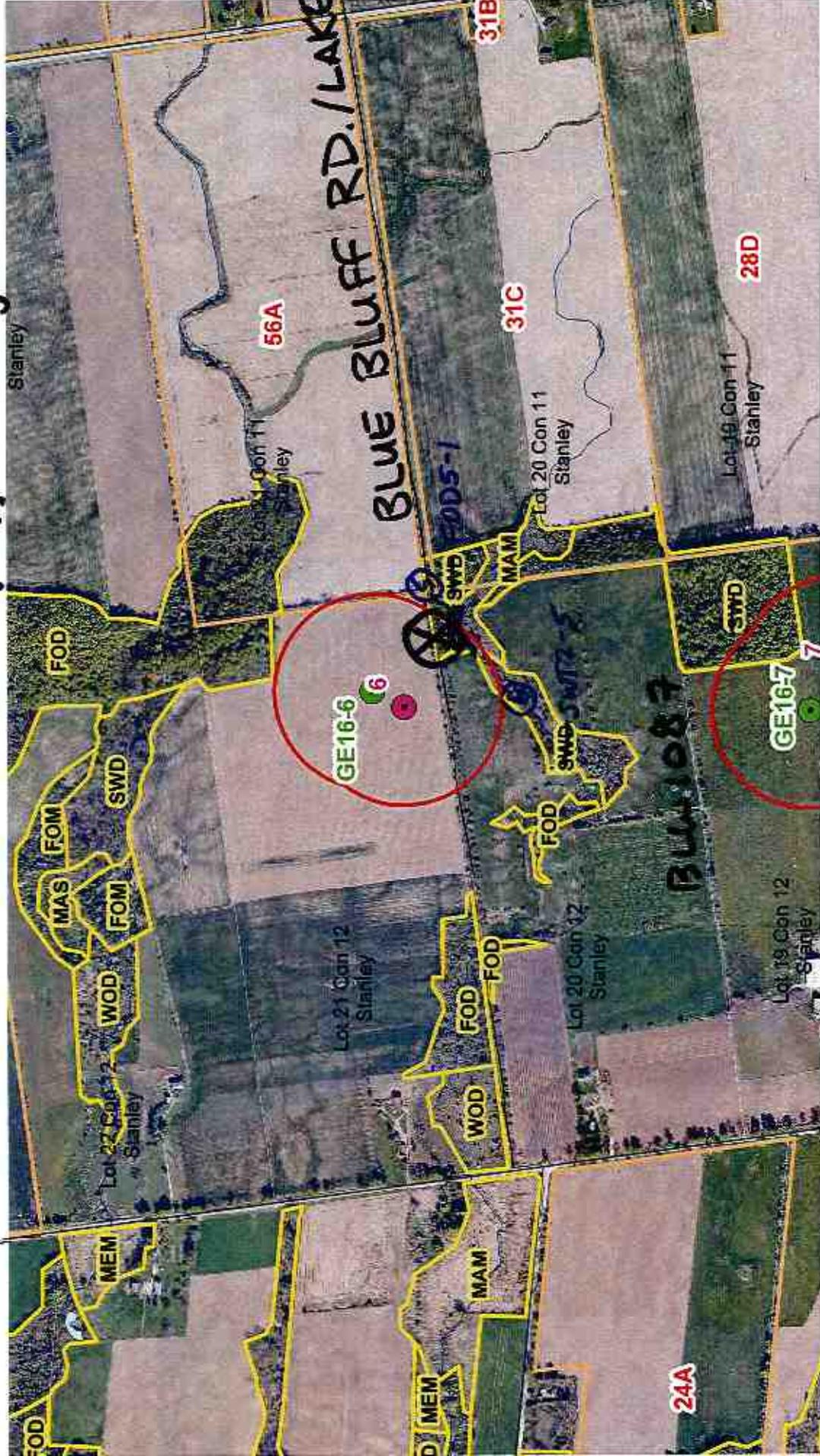
Turbine D

GE16-6, Seimens 6

BLW-532

Blues ter fig. 1

entire polygon surveyed



Access: can do as road survey from Blue Bluff Road.

532  
BLW 1087  
BLW 1408

105

**ELC**  
Community Description and Classification

Site: **BLW-532** Polygon: 7

Surveyor(s): [ ] Date: 12/5/94 Time start: 10:00  
UTM Z: 17 UTM X: 445830 UTM Y: 459900

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock <input type="checkbox"/> History <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"/> Organic <input type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk <input type="checkbox"/> 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"/> Lacustrine <input type="checkbox"/> Riverine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll. Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Alvar <input type="checkbox"/> Rockland <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<input type="checkbox"/> 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**

Layer	HT	CVR
1	1	4
2	2	2
3	3	3
4	6	2,4

Species In Order of Decreasing Dominance (up to 4 sp)  
 (> Much Greater Than; > Greater Than; = About Equal To)

ACE-SALC  
 PRUVIRG  
 ERYAMER → HYDVIRG = CAUTHAL

HT Codes: 7 < 0.2m 6 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-5m 2 > 6-25m 1 > 20m  
 CVR Codes: 0 = none 10% - 10% 20 25% 35 - 50% 4 > 50%

**Stand Composition:** Size Class Analysis: R < 10 R 10-24 R > 50  
 Standing Snags: R < 10 R 10-24 R > 50  
 Deadfall / Logs: R < 10 R 10-24 R > 50

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

**Com. Age:** Pioneer  Young  Mid-Age  Mature  Old Growth

**Ecocite:** Dry-fresh biggar maple deciduous forest  
 Vegetation Type: Very young maple forest  
 Inclusion: [ ]  
 Complex: [ ]

Code: EOPS  
 Code: [ ]  
 Code: [ ]  
 Code: [ ]

**Community Profile Diagram/Comments**

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Prism Factor	Ret. Avg.
Total							100
Basal Area (BA)							
Dead							

**Soils Ontario and ELC Soils Description**

Pit/Auger #	Soils Description	Summary
1	17	
2	19, 20, 21	
3	22, 23	
4	24	
5	25	
6	26	
7	27	

Site Metrics	Moisture Regime	Drainage
Zone		
Easting		
Northing		
Position		
Aspect		
Percent		
Slope		
Length		
Mottles		
Gley		
Water Table		
Carbonates		
Bedrock		
Depth from zero		
Texture		
Depth from zero		
Texture		
Depth from zero		
Texture		
Depth from zero		
Texture		
Depth from zero		
Texture		
% Surface Stone/Rock		
Moisture Regime		
Drainage		



VASCULAR PLANT CHECKSHEET

Location: BLW-532

Date: May 12, 2011

Polygon 7  
F05-1

Observer: DJ

Job Number: 6055032

DICOT HERBS												MONOCOT HERBS											
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6						
Achillea millefolida						Erigeron annuus						Piantago lanceolata						Alisma plantago-aquatica					
Achillea ptarmica						Erigeron philadelphicus						Piantago major						Allium tricoccum	X				
Achillea rupestris						Erigeron strigosus						Piantago rugelii						Allium					
Agalinus						Erythronium chersanthoides						Pedicularis pallidum	X					Arisaema triphyllum	X				
Agrostis gryposepala						Eupatorium maculatum						Polygonum						Asparagus officinalis					
Alliaria petiolata						Eupatorium perforatum						Polygonum						Calla palustris					
Amaranthus retrofractus						Eupatorium rugosum						Polygonum						Clintonia borealis					
Ambrosia artemisiifolia						Euphorbia						Polygonum lapathifolium						Conoclinium majus					
Amphicarpaea baccata						Furcraea granulifolia						Polygonum persicaria						Cypripedium calceolus					
Araphis margaritaceus						Fragaria virginiana						Potentilla						Eleocharis canadensis					
Anemone						Fragaria vesca						Potentilla norvegica						Epipactis helleborina					
Anemone canadensis						Galeopsis tetrahit						Potentilla notha						Erythronium americanum	X				
Anemone virginiana						Galium						Prunella alba						Hemerocallis fulva					
Antennaria neglecta						Galium						Prunella vulgaris						Iris versicolor					
Apocynum androsaemifolium						Galium palustre						Pyrola elliptica						Lemna minor					
Apocynum cannabinum						Galium triflorum						Ranunculus						Lemna trisulca					
Aquilegia canadensis						Geranium maculatum						Ranunculus abortivus						Lilium					
Aralia nudicaulis						Geranium robertianum	X					Ranunculus acris						Melantherum canadense	X				
Arctium minus						Geum alcapicum						Rubus odoratus						Melantherum racemosum	X				
Artemisia						Geum canadense	X					Rumex acetosella						Melantherum stellata					
Asarum canadense						Geum						Rumex crispus						Patanthera					
Asclepias incarnata						Glechoma hederacea						Rumex						Pentstemon cordata					
Asclepias syriaca						Illecece umbellata						Sanguinaria canadensis						Polygonatum pubescens					
Aster						Hesperis matronalis						Sanguis marilandica						Potamogeton crispus					
Aster cordifolius						Hieracium aurantiacum						Sagittaria officinalis						Potamogeton pacificus					
Aster ericoides						Hieracium cespitosum						Saturja vulgaris						Potamogeton					
Aster lanceolatus						Hieracium						Scutellaria galericulata						Sagittaria latifolia					
Aster lateriflorus						Hydrophyllum virginianum	X					Silene vulgaris						Potamogeton					
Aster macrophyllus						Hypericum perforatum						Slum saxif						Silene latifolia					
Aster novae-angliae						Impatiens capensis						Solanum dulcamara						Silybum montanum					
Aster purpureus						Impatiens						Solidago						Smilax herbacea					
Barbarea vulgaris						Impatiens						Solidago altissima						Spiranthes cernua					
Bidens cernua						Impatiens						Solidago caesia						Spiridula polyrhiza					
Bidens frondosa						Impatiens						Solidago canadensis						Streptopus ruscus					
Boehmeria cylindrica						Impatiens						Solidago flexicaulis	X					Trillium erectum					
Calla palustris						Impatiens						Solidago gigantea						Trillium grandiflorum	X				
Calystegia sepium						Impatiens						Solidago nemoralis						Trillium grandiflorum					
Candollea diphylla						Impatiens						Solidago rugosa						Utricularia grandiflora					
Candollea						Impatiens						Sonchus oleraceus											
Caulophyllum thalictroides	X					Impatiens						Sonchus asper											
Cerastium fontanum						Impatiens						Stellaria											
Ceratophyllum demersum						Impatiens						Tanacetum vulgare											
Chelidonium majus						Impatiens						Taraxacum officinale	X										
Chenopodium album						Impatiens						Thalictrum flavum	X										
Chrysanth. leucanthemum						Impatiens						Thalictrum pubescens											
Cichorium intybus						Impatiens						Tharaxacum											
Cleome						Impatiens						Trigonotis											
Cirsium leucanthemum						Impatiens						Trientalis borealis											
Cirsium arvense						Impatiens						Trifolium											
Cirsium vulgare						Impatiens						Trifolium pratense											
Clematis virginiana						Impatiens						Trifolium repens											
Clintonia borealis						Impatiens						Trifolium											
Coryza canadensis						Impatiens						Urtica dioica											
Cornus varia						Impatiens						Utricularia vulgaris											
Cynanchum racemosum						Impatiens						Verbascum thapsus											
Cynoglossum officinale						Impatiens						Verbena hastata											
Daucus carota						Impatiens						Verbena urticifolia											
Desmodium canadense						Impatiens						Veronica											
Dianthus armeria						Impatiens						Veronica officinalis											
Dipacus fullanum						Impatiens						Viola cracca											
Echinocystis lobata						Impatiens						Viola holmsporae											
Echinum vulgare						Impatiens						Viola latisparsa	X										
Epilobium						Impatiens						Viola											
Epilobium ellipticum						Impatiens						Viola pubescens	X										
Epilobium hirsutum						Impatiens						Viola serotina											
Epilobium parviflorum						Impatiens																	
Euphorbia diphylla	X					Impatiens																	

- 1: \_\_\_\_\_ 4: \_\_\_\_\_  
 2: \_\_\_\_\_ 5: \_\_\_\_\_  
 3: \_\_\_\_\_ 6: \_\_\_\_\_

SITE LOCATIONS







**ELC**  
Community Description and Classification

Site: Bucarest 532 Polygon: 60  
 Surveyor(s): DJ Date: 12/19/11 Time: 14:38  
 UTMZ: 17 UTMZ: 446537 UTMN: 489621

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input checked="" type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic <input type="checkbox"/> Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input checked="" type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Mineral Soil <input checked="" type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk <input type="checkbox"/> Bedrock	<input checked="" type="checkbox"/> Lacustrine <input type="checkbox"/> Ravine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll, Upand <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cavo <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"/> 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 checked="" 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 (up to 4 sp) <i>P &gt; Much Greater Than; &gt; Greater Than; = About Equal To</i>
1	2	1	ACER, QU, STIL, AMFR
2	3	2	COR, AMOM > IRT, AGAS, EPP.
3	4	1	SA, BEBB
4	6	2	TR, OEF, CA, ASPR

HT Codes: 7 < 0.2m 8 > 0.20-5m 9 > 0.5-1m 4 < 1-2m 3 > 2-8m 2 > 6-25m 1 > 25m  
 CVR Codes: 0 = none 1 0% - 10% 2 10 - 25% 3 25 - 60% 4 > 60%

Stand Composition:	Size Class Analysis:	R < 10	N 10-24	M 25-50	N > 50
BA:	Standing Snags:	R < 10	N 10-24	M 25-50	N > 50
	Deadfall / Logs:	R < 10	N 10-24	M 25-50	N > 50

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age:  Pioneer  Young  Mid-Age  Mature  Old Growth

Ecosite: Spruce/Fir Mixed Decid Thicket Swamp Code: 5017Z  
 Vegetation Type: Red Spruce Drywood mixed Code: SLOT 2-5  
Deciduous Thicket Swamp  
 Inclusion: Code: \_\_\_\_\_  
 Complex: Code: \_\_\_\_\_

**Community Profile Diagram/Comments**

Notes:

modified

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Rel. Avg.
Total					100	
Basal Area (BA)						
Dead						

Prism factor 2

**Soils Ontario and ELC Soils Description**

Site Metrics	Pit/Auger #	Soils Ontario and ELC Soils Description	Summary
Zone	1		
Easting	17		
Northing	11917		
Position	4		
Aspect	150		
Percent	2		
Slope	2		
Length			
Mottles	NP		
Gley	NP		
Water Table	NP		
Carbonates	NP		
Bedrock	NP		
1	Depth from zero	% CF	% CF
Texture			
2	Depth from zero	% CF	% CF
Texture			
3	Depth from zero	% CF	% CF
Texture			
4	Depth from zero	% CF	% CF
Texture			
% Surface Stone/Rock	0		
Moisture Regime	2		
Drainage	3		



VASCULAR PLANT CHECKSHEET

Location: BLW-532

Date: May 12, 2011

Observer: DJT

Job Number: 60155037

Polygon 6  
SWT 2-5

DICOT HERBS						MONOCOT HERBS											
1	2	3	4	5	6	1	2	3	4	5	6						
<i>Achillea millefolium</i>						<input checked="" type="checkbox"/>						<i>Allium plantago-aegyptium</i>					
<i>Achillea ptarmica</i>												<i>Allium tricoccum</i>					
<i>Achillea tuberosa</i>												<i>Allium</i>					
<i>Agastache</i>												<i>Anisema triphyllum</i>					
<i>Agrimonia eupatoria</i>												<i>Asparagus officinalis</i>					
<i>Alliaria petiolata</i>	<input checked="" type="checkbox"/>											<i>Calla palustris</i>					
<i>Anemone ranunculoides</i>												<i>Cimicifuga racemosa</i>					
<i>Anemone virginiana</i>												<i>Compositella majus</i>					
<i>Antennaria neglecta</i>												<i>Cypripedium calceolus</i>					
<i>Apocynum androsaemifolium</i>												<i>Ekodea canadensis</i>					
<i>Apocynum cannabinum</i>												<i>Epipactis helleborina</i>					
<i>Aquilegia canadensis</i>												<i>Erythronium americanum</i>					
<i>Aralia nudicaulis</i>												<i>Hamamelis fulva</i>					
<i>Arctium minus</i>												<i>Iris versicolor</i>					
<i>Artemisia</i>												<i>Lemna trisulca</i>					
<i>Asarum canadense</i>												<i>Lilium</i>					
<i>Asclepias incarnata</i>												<i>Maianthemum canadense</i>					
<i>Asclepias syriaca</i>												<i>Maianthemum racemosum</i>					
<i>Aster</i>												<i>Maianthemum stellata</i>					
<i>Aster cordifolius</i>												<i>Plantago</i>					
<i>Aster ericoides</i>												<i>Polygonatum pubescens</i>					
<i>Aster lanceolatus</i>	<input checked="" type="checkbox"/>											<i>Polygonatum crispum</i>					
<i>Aster laevis</i>												<i>Potentilla canadensis</i>					
<i>Aster macrophyllus</i>												<i>Sarothra maritima</i>					
<i>Aster novae-angliae</i>												<i>Scutellaria galericulata</i>					
<i>Aster paniculatus</i>												<i>Silene vulgaris</i>					
<i>Barbarea vulgaris</i>	<input checked="" type="checkbox"/>											<i>Slum suave</i>					
<i>Bidens biternata</i>												<i>Solanum dulcamara</i>	<input checked="" type="checkbox"/>				
<i>Bidens frondosa</i>												<i>Sonchus</i>					
<i>Boschniana cylindrica</i>												<i>Solidago</i>					
<i>Calla palustris</i>												<i>Solidago altissima</i>					
<i>Calyptegia septentrionalis</i>												<i>Solidago canadensis</i>	<input checked="" type="checkbox"/>				
<i>Candollea diphylla</i>												<i>Solidago flexicaulis</i>					
<i>Ceanothus americanus</i>												<i>Solidago gigantea</i>					
<i>Celastrus scandens</i>												<i>Solidago nemoralis</i>					
<i>Cerastium fontanum</i>												<i>Solidago rugosa</i>					
<i>Cerastophyllum demersum</i>												<i>Sonchus asper</i>					
<i>Chelidonium majus</i>												<i>Sonchus oleraceus</i>					
<i>Chenopodium album</i>												<i>Stellaria</i>					
<i>Chrysanthemum leucanthemum</i>												<i>Thalictrum flavum</i>					
<i>Cichorium intybus</i>												<i>Thalictrum pubescens</i>					
<i>Cicuta</i>												<i>Thalictrum minus</i>					
<i>Cirsium altissimum</i>												<i>Thalictrum minus</i>					
<i>Cirsium arvense</i>												<i>Thalictrum minus</i>					
<i>Cirsium vulgare</i>	<input checked="" type="checkbox"/>											<i>Thalictrum minus</i>					
<i>Clematis virginiana</i>												<i>Thalictrum minus</i>					
<i>Clinacanthus baccatus</i>												<i>Thalictrum minus</i>					
<i>Coryza canadensis</i>												<i>Thalictrum minus</i>					
<i>Coronilla varia</i>												<i>Thalictrum minus</i>					
<i>Cyananthus roseus</i>												<i>Thalictrum minus</i>					
<i>Cynoglossum officinale</i>												<i>Thalictrum minus</i>					
<i>Daucus carota</i>	<input checked="" type="checkbox"/>											<i>Thalictrum minus</i>					
<i>Desmodium canadense</i>												<i>Thalictrum minus</i>					
<i>Diarrhiza eriodora</i>												<i>Thalictrum minus</i>					
<i>Dipsacus fullonum</i>												<i>Thalictrum minus</i>					
<i>Echinocystis lobata</i>												<i>Thalictrum minus</i>					
<i>Echium vulgare</i>												<i>Thalictrum minus</i>					
<i>Epilobium</i>												<i>Thalictrum minus</i>					
<i>Epilobium ciliatum</i>												<i>Thalictrum minus</i>					
<i>Epilobium hirsutum</i>												<i>Thalictrum minus</i>					
<i>Epilobium parviflorum</i>												<i>Thalictrum minus</i>					

- 1: \_\_\_\_\_ 4: \_\_\_\_\_  
 2: \_\_\_\_\_ 5: \_\_\_\_\_  
 3: \_\_\_\_\_ 6: \_\_\_\_\_

SITE LOCATIONS

CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						+ Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus alleghaniensis						Agropyron repens					
Larix laricina						Rubus idaeus	X					Alopecurus					
Pinus abies						Rubus occidentalis						Bromus inermis					
Pinus glauca						Rubus odoratus						Calamagrostis canadensis					
Pinus resinosa						Rubus pubescens						Carex acutata					
Pinus strobus						Salix alba						Carex aurea					
Pinus sylvestris						Salix amygdaloides						Carex bebbii					
Thuja occidentalis						Salix bebbiana	X					Carex blanda					
Tsuga canadensis						+ Salix discolor						Carex gracillima					
						Salix erincephala						Carex granularis					
						Salix exigua						Carex hystericina					
						Salix lucida						Carex pennsylvanica					
						Salix petiolaris						Carex radiata					
TREES and SHRUBS						+ Salix purpurea						Carex rostrata					
Acer negundo	X					Salix x rubra						Carex setata					
Acer rubrum						+ Salix						Carex stricta					
Acer saccharinum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharum	X					Sambucus racemosa						Carex					
Acer spicatum						Sorbus aucuparia						Carex					
Alnus rugosa						Spiraea alba						Carex					
Amelanchier						Syringa vulgaris						Carex					
Berberis thunbergii						* Tilia americana	X	X				Carex					
Betula alleghaniensis						Ulmus americana	X	X				Carex					
Betula papyrifera						Ulmus						Carex					
Carpinus caroliniana						Vaccinium						Carex					
Carya cordiformis						Viburnum lentago						Carex					
Celastrus scandens						Viburnum opulus						Cyperus					
Cornus alternifolia						Viburnum						Cyperus					
Cornus amomum	X					Vitis riparia						Dactylis glomerata					
Cornus rugosa												Danthalia spicata					
Cornus stolonifera												Echinochloa crus-galli					
Corylus cornuta												Elychnis rhytropoda					
Crataegus monogyna												Eleocharis					
Crataegus punctata												Elymus virginicus					
Crataegus sp.												Elymus					
Crataegus sp. 115	X											Festuca arundinacea					
Diervilla lonicera												Glyceria striata					
Fagus grandifolia												Glyceria					
Fraxinus americana												Juncus dudleyi					
Fraxinus nigra						FERNS						Juncus effusus					
Fraxinus pennsylvanica						Adiantum pedatum						Juncus tenuis					
Ilex verticillata						Athyrium filix-femina						Juncus					
Juglans cinerea						Botrychium multifidum						Juncus					
Juglans nigra						Botrychium virginianum						Leersia oryzoides					
Lonicera mcnrowi						Cystopteris bulbifera						Muhlenbergia					
Lonicera tatarica						Dryopteris carthusiana						Oryzopsis asperifolia					
Lonicera						Dryopteris cristata						Panicum					
Malus pumila						Dryopteris marginalis						Panicum					
Ostrya virginiana						Dryopteris						Phalaris arundinacea		X			
Parthenocissus inserta						Equisetum arvense						Pheum pratense					
Populus balsamifera						Equisetum hyemale						Phragmites australis					
Populus grandidentata	X					Equisetum variegatum						Poa compressus					
Populus tremuloides						Equisetum						Poa pratensis		X			
Populus						Gymnocarpium dryopteris						Poa					
Prunus pennsylvanica						Lycopodium digitatum						Scirpus atrovirens					
Prunus serotina						Lycopodium obscurum						Scirpus cyperinus					
Prunus virginiana	X					Lycopodium						Scirpus validus					
Prunus						Lycopodium						Scirpus					
Quercus macrocarpa						Mallecula struthiopteris						Scirpus					
Quercus rubra						Onoclea sensibilis						Setaria					
Quercus						Osmunda cinnamomea						Sparganium					
Rhamnus cathartica	X					Osmunda regalis						Typha angustifolia					
Rhus radicans	X					Polystichum acrostichoides						Typha latifolia					
Rhus typhina						Pteridium aquilinum						Typha X glauca					
Ribes americana						Thelypteris palustris											
Ribes cynosbati																	
Ribes x rubrum																	
Robinia pseudo-acacia																	



Feature 582  
@ 32W1048/1087

upland

FOOT-1

FOOT-2

FOOT-3

FOOT-4



**ELC**  
 Ecosystem Inventory  
 Data Collection and  
 Classification

Site: 8441648 (ref. 533) Polygon: 2

Surveyor(s): MBH Date: Nov 23/11 Time start/finish: 12:40 pm

UTMZ: 17T UTMZ: 406769 UTMN: 4819617

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input type="checkbox"/> Terrestrial <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Aquatic	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Cath. Bedrk	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Riverine <input checked="" type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll, Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Alive <input type="checkbox"/> Rockland <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Riff	<input type="checkbox"/> Plankton <input type="checkbox"/> Submerged <input type="checkbox"/> Floating-L.VT. <input checked="" type="checkbox"/> Graminoid <input type="checkbox"/> Forb <input type="checkbox"/> Lichen <input type="checkbox"/> Bryophyte <input type="checkbox"/> Deciduous <input type="checkbox"/> Coniferous <input type="checkbox"/> Mixed	<input type="checkbox"/> Lake <input type="checkbox"/> Pond <input type="checkbox"/> River <input type="checkbox"/> Stream <input checked="" type="checkbox"/> Marsh <input type="checkbox"/> Swamp <input type="checkbox"/> Fan <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 (up to 4 sp)
1	4	4	<i>Aster sp</i>
2	5	8	<i>Grasses</i>
3	7	2	<i>Grasses</i>
4			

HT Codes: 7 < 0.7m 6 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-4m 2 > 5-25m 1 > 25m  
 CVR Codes: 0 = none 1 0% - 10% 2 0.25% 3 25 - 60% 4 > 60%

Stand Composition: Size Class Analysis:

Standing Snags:

Deadfall Logs:

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age:  Pioneer  Young  Mid-Age  Mature  Old Growth

Ecote: Mineral Meadow/Marsh Ecote Code: MAAM2

Vegetation Type: Forb Miners/Woodw Marsh (Aster) Code: MAAM2-10

Inclusion: Code: \_\_\_\_\_

Complex: Code: \_\_\_\_\_

**Community Profile Diagram/Comments**

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	% of Total
Total						
Basal Area (BA)						
Dead						

**Soils Ontario and ELC Soils Description**

PI/Auger # \_\_\_\_\_

Zone \_\_\_\_\_

Fasting \_\_\_\_\_

Northing \_\_\_\_\_

Position \_\_\_\_\_

Aspect \_\_\_\_\_

Percent \_\_\_\_\_

Slope \_\_\_\_\_

Length \_\_\_\_\_

Mottles \_\_\_\_\_

Gley \_\_\_\_\_

Water Table \_\_\_\_\_

Carbonates \_\_\_\_\_

Bedrock \_\_\_\_\_

Moisture Regime \_\_\_\_\_

Drainage \_\_\_\_\_

Depth	1	2	3	4	% CF	% CF	% CF	% CF	% CF
Depth from zero	70	8							
Texture	20mm SIC-1								
Depth from zero									
Texture									
Depth from zero									
Texture									
Depth from zero									
Texture									
% Surface Stoner/Rock									
Moisture Regime									
Drainage									





VASCULAR PLANT CHECKSHEET

Location: BLW 1048 Feat. 532

Date: Nov. 23/11

Observer: NPH

Job Number:

DICOT HERBS						MONOCOT HERBS																	
1	2	3	4	5	6	1	2	3	4	5	6												
Achillea millefolium						Erigeron annuus						Plantago lanceolata						Allium plantago-aquaticum					
Actaea pachyphloea						Erigeron philadelphicus						Plantago major						Allium tricoccum					
Actaea rubra						Erigeron strigosus						Plantago rugelii						Allium					
Agalinus						Erythronium chieranifolium						Podophyllum peltatum						Arisaema triphyllum					
Agrostis artemisiifolia						Eupatorium maculatum						Polygonum						Asparagus officinalis					
Allaria petiolata						Eupatorium perfoliatum						Polygonum						Cela palustris					
Amanitium retrofractum						Eupatorium rugosum						Polygonum						Cimicifuga racemosa					
Ambrosia artemisiifolia						Euphorbia						Polygonum lapathifolium						Conium maculatum					
Ampelocera lactiflora						Euthamia grandifolia						Polygonum persicaria						Cypripedium calceolus					
Anaphalis margaritacea						Fragaria virginiana						Potentilla						Elaeagnus canadensis					
Anemone						Fragaria vesca						Potentilla norvegica						Epipactis helleborina					
Anemone canadensis						Galeopsis tetrahit						Potentilla recta						Erythronium americanum					
Anemone virginiana						Galium						Pteranthes alba						Hamamelis fulva					
Antennaria neglecta						Galium						Prunella vulgaris						Iris versicolor					
Apocynum androsaemifolium						Galium palustre						Pyrola elliptica						Lamium maculatum					
Apocynum cannabinum						Galium triflorum						Ranunculus						Lemna trisulca					
Aquilegia canadensis						Geranium maculatum						Ranunculus abortivus						Lilium					
Arabis rudiculis						Geranium robertianum						Ranunculus acris						Miscanthus canadensis					
Arnica montana						Geum aleppicum						Rudbeckia hirta						Miscanthus racemosa					
Artemisia						Geum canadense						Rumex acetosella						Miscanthus stellata					
Asarum canadense						Geum						Rumex crispus						Pteranthes					
Asclepias incarnata						Glechoma hederacea						Rumex						Portulaca oleraceae					
Asclepias syriaca						Hepatica acutiloba						Sanguinaria canadensis						Polygonatum pubescens					
Aster sp						Hesperis matronalis						Sanguinaria						Polygonatum virginicum					
Aster cordifolius						Hieracium aurantiacum						Saponaria officinalis						Potamogeton amplifolius					
Aster ericoides						Hieracium cespitosum						Satureja vulgaris						Potamogeton					
Aster lanceolatus						Hieracium						Scutellaria galericulata						Potamogeton					
Aster laevis						Hydrophyllum virginianum						Silene vulgaris						Potamogeton					
Aster macrophylla						Hypochaeris glabra						Stemodia						Sagittaria latifolia					
Aster novae-angliae						Impatiens capensis						Solanum dulcamara						Silene acaulis					
Aster punctatus						Inula helenium						Solidago						Spiraea alba					
Barbarea vulgaris						Lactuca						Solidago altissima						Spiraea praecox					
Bidens cernua						Lappula canadensis						Solidago canadensis						Spiraea sp. 2					
Bidens frondosa						Lapsana communis						Solidago canadensis						Spiraea sp. 3					
Boehmeria cylindrica						Lycium canadense						Solidago flexilis						Trifolium arvense					
Calluna palustris						Lepidium						Solidago gigantea						Trifolium pratense					
Calystegia sepium						Lineria vulgaris						Solidago nemoralis						Trifolium repens					
Cardamine diphylla						Lithospermum officinale						Solidago rugosa						Urtica dioica					
Cardamine						Lobelia						Sonchus oleraceus						Urtica dioica					
Caulophyllum thalictroides						Lobelia inflata						Sonchus asper						Urtica dioica					
Cerastium fontanum						Lolium comiculatum						Staphis						Urtica dioica					
Ceratophyllum demersum						Lycopus americanus						Taraxacum vulgare						Urtica dioica					
Chelidonium majus						Lycopus						Taraxacum officinale						Urtica dioica					
Chenopodium album						Lysimachia ciliata						Thalictrum dioicum						Urtica dioica					
Chrysanth. leucanthemum						Lythrum salicaria						Thalictrum pubescens						Urtica dioica					
Clostridium lilybus						Medicago lupulina						Thalictrum pubescens						Urtica dioica					
Cnicus						Medicago sativum						Thalictrum pubescens						Urtica dioica					
Cnicus leucanthemum						Melilotus alba						Thalictrum pubescens						Urtica dioica					
Cirsium arvense						Mentha arvensis						Thalictrum pubescens						Urtica dioica					
Cirsium vulgare						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Clematis virginiana						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Cimicifuga racemosa						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Coryza canadensis						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Coronilla varia						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Cynanchum roseolum						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Cynoglossum officinale						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Daucus carota						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Desmodium canadense						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Dianthus amurensis						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Dipsacus fullonum						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Echinocystis lobata						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Echium vulgare						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Epilobium						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Epilobium ciliatum						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Epilobium hirsutum						Mimulus ringens						Thalictrum pubescens						Urtica dioica					
Epilobium parviflorum						Mimulus ringens						Thalictrum pubescens						Urtica dioica					

- 1: MAM 2-10  
 2: \_\_\_\_\_  
 3: \_\_\_\_\_  
 4: \_\_\_\_\_  
 5: \_\_\_\_\_  
 6: \_\_\_\_\_

SITE LOCATIONS

CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						+ Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus allegheniensis						Agropyron repens					
Larix laricina						Rubus idaeus						Alopecurus					
Picea abies						Rubus occidentalis						Bromus inermis					
Picea glauca						Rubus odoratus						Calamagrostis canadensis					
Pinus resinosa						Rubus pubescens						Carex acutata					
Pinus strobus						Salix alba						Carex aurea					
Pinus sylvestris						Salix amygdaloides						Carex bebbii					
Thuja occidentalis						Salix bebbiana						Carex blanda					
Tsuga canadensis						+ Salix discolor						Carex gracillima					
						Salix eriocephala						Carex granularis					
						Salix exigua						Carex hystericina					
						Salix lucida						Carex pennsylvanica					
						Salix petiolaris						Carex radiata					
TREES and SHRUBS						+ Salix purpurea						Carex retrosa					
Acer negundo						Salix x rubens						Carex stipata					
Acer rubrum						+ Salix						Carex stricta					
Acer saccharinum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharum						Sambucus racemosa						Carex sp					
Acer spicatum						Sorbus aucuparia						Carex					
Alnus rugosa						Spiraea alba						Carex					
Amelanchier						Syringa vulgaris						Carex					
Berberis thunbergii						+ Tilia americana						Carex					
Betula alleghaniensis						Ulmus americana						Carex					
Betula papyrifera						Ulmus						Carex					
Carpinus caroliniana						Vaccinium						Carex					
Carya cordiformis						Viburnum lentago						Cyperus					
Calastropus scandens						Viburnum opulus						Cyperus					
Cornus alternifolia						Viburnum						Dactylis glomerata					
Cornus amomum						Vitis riparia						Danthonia spicata					
Cornus rugosa												Echinochloa crus-galli					
Cornus stolonifera												Eleocharis erythropoda					
Corylus cornuta												Eleocharis					
Crataegus monogyna												Elymus virginicus					
Crataegus punctata												Elymus					
Crataegus sp.												Festuca arundinacea					
Crataegus												Glyceria striata					
Diervilla lonicera												Glyceria					
Fagus grandifolia												Juncus dudleyi					
Fraxinus americana												Juncus effusus					
Fraxinus nigra						FERNS						Juncus tenuis					
Fraxinus pennsylvanica						Adiantum petatum						Juncus					
Ilex verticillata						Athyrium filix-femina						Juncus					
Juglans cinerea						Botrychium multifidum						Juncus					
Juglans nigra						Botrychium virginianum						Loesia oryzoides					
Lonicera morrowi						Cystopteris bulbifera						Muhlenbergia					
Lonicera tatarica						Dryopteris carthusiana						Oryzopsis asperifolia					
Lonicera						Dryopteris cristata						Panicum					
Malus pumila						Dryopteris marginalis						Panicum					
Ostrya virginiana						Dryopteris						Phalaris arundinacea					
Parthenocissus inserta						Equisetum arvense						Phleum pratense					
Populus balsamifera						Equisetum hyemale						Phragmites australis					
Populus grandidentata						Equisetum variegatum						Poa compressus					
Populus tremuloides						Equisetum						Poa pratensis					
Populus						Gymnocarpium dryopteris						Poa					
Prunus pennsylvanica						Lycopodium digitatum						Scirpus atrovirens					
Prunus serotina						Lycopodium obscurum						Scirpus cyperinus					
Prunus virginiana						Lycopodium						Scirpus validus					
Prunus						Lycopodium						Scirpus					
Quercus macrocarpa						Marsilea struthiopteris						Scirpus					
Quercus rubra						Onoclea sensibilis						Setaria					
Quercus						Osmunda cinnamomina						Sparganium					
Rhamnus cathartica						Osmunda regalis						Typha angustifolia					
Rhus radicans						Polystichum acrostichoides						Typha latifolia					
Rhus typhina						Pteridium aquilinum						Typha X glauca					
Ribes americana						Thelypteris palustris											
Ribes cynosbati																	
Ribes x tuberosum																	
Robinia pseudo-acacia																	

Site: RAW 1046 Sect. 532 Polygon:  
 Surveyor(s): NBH Date: Mar. 25-01 Time start: 11:15 am  
 UTMZ: 17E UTMZ: 40E138 UTMN: 81E145  
 UTMZ: 17E UTMZ: 40E138 UTMN: 81E145

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input checked="" type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Rivarine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll. Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Aiver <input type="checkbox"/> Rockland <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<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"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savannah <input checked="" 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"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savannah <input checked="" type="checkbox"/> Woodland <input type="checkbox"/> Forest <input type="checkbox"/> Plantation

**Stand Description**

Layer	HT	CVR	Species In Order of Decreasing Dominance (up to 4 sp)
1	2	4	Very large tree - <i>Thuja occidentalis</i> - <i>Thuja occidentalis</i>
2	3	3	Medium tree - <i>Thuja occidentalis</i> - <i>Thuja occidentalis</i>
3	4	1	Small tree - <i>Thuja occidentalis</i> - <i>Thuja occidentalis</i>
4	7	2	Large tree - <i>Thuja occidentalis</i> - <i>Thuja occidentalis</i>

HT Codes: 7 < 0.2m 6 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-4m 2 > 4-25m 1 > 25m  
 CVR Codes: 0 = none 1 0% 10% 2 10-25% 3 25-50% 4 50%

Stand Composition: Size Class Analysis: A < 10 10-24 A 10-24 A > 50  
 Standing Snags: R < 10 10-24 R 10-24 R > 50  
 Deadfall / Logs: 0 < 10 10-24 0 10-24 0 10-24 0 > 50

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age:  Pioneer  Young  Mid-Age  Mature  Old Growth

Ecotope: Dry-Fresh Snags - Maple 1.2 - 1.5m - Forest Code: F-DS  
 Vegetation Type: Code:  
 Inclusion: Code:  
 Complex: Code:

Community Profile Diagram/Comments  
 Large proportion of remaining *Thuja occidentalis* / *Thuja occidentalis*  
 to Sub-terrestrial

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Tally 5	Total	Prior Factor
Total							2
Basal Area (BA)							
Dead							

**Soils Ontario and ELC Soils Description**

PIVAuger #	1
Zone	
Lasting	Sparsely
Northing	Low
Position	
Aspect	
Percent	
Slope	
Length	
Mottles	
Clay	
Water Table	20-30 cm
Carbonates	
Bedrock	20-30 cm

Soil Horizon Description	1	2	3	4	Summary
Depth from zero	15				
Texture	loam				
Depth from zero	61				
Texture	silt				
Depth from zero					
Texture					
Depth from zero					
Texture					
% Surface Stone/Rock					
Moisture Regime					fresh(2)
Drainage					well (4)

Photos 262-264



VASCULAR PLANT CHECKSHEET

Location: RLV 1018 Feature 552

Date: Nov. 23/11

Observer: NBA

Job Number:

DICOT HERBS							MONOCOT HERBS												
1	2	3	4	5	6		1	2	3	4	5	6	1	2	3	4	5	6	
Achillea millefolium						Erigeron annuus							Plantago lanceolata						Allium trioccosum
Actaea pachypoda						Erigeron philadelphicus							Plantago major						Allium
Actaea rubra						Erigeron philadelphicus							Plantago rugelii						Arisaema triphyllum
Agalinis						Erigeron philadelphicus							Podophyllum peltatum						Asperagus officinalis
Agrimonia gryposepala						Eupatorium maculatum							Polygonum						Calla palustris
Alliaria petiolata						Eupatorium perfoliatum							Polygonum						Cilicaria borealis
Amaranthus retrofractus						Eupatorium rugosum							Polygonum						Cowslip majus
Ambrosia artemisiifolia						Euphorbia							Polygonum persicaria						Cynopodium caespitosum
Amphicarpaea baccata						Euthamia graminifolia							Polygonum persicaria						Eleocharis canadensis
Anaphalis margaritacea						Fragaria virginiana							Polygonum persicaria						Epipactis helleborine
Anemone						Fragaria vesca							Polygonum persicaria						Erythronium americanum
Anemone canadensis						Galeopsis tetrahit							Polygonum persicaria						Hamamelis fulva
Anemone virginiana						Galium							Polygonum persicaria						Iris versicolor
Antennaria neglecta						Galium							Polygonum persicaria						Lemna minor
Apocynum androsaemifolium						Galium palustre							Polygonum persicaria						Lemna trisulca
Apocynum cannabinum						Galium triflorum							Ranunculus						Lilium
Aquilegia canadensis						Geranium maculatum							Ranunculus abortivus						Melantherum canadense
Aralia nudicaulis						Geranium robertianum							Ranunculus acris						Melantherum racemosum
Arcifolium minus						Geum aleppicum							Rudbeckia hirta						Melantherum stellata
Artemisia						Geum canadense							Rumex acetosella						Platanthera
Asarum canadense						Geum							Rumex crispus						Podocarpus cordata
Asclepias incarnata						Glaucium badacense							Rumex						Polygonatum pubescens
Asclepias syriaca						Hepatica acutiloba							Sanguinaria canadensis						Potamogeton crispus
Aster						Hesperis matronalis							Santoula marilandica						Potamogeton pectinatus
Aster cordifolius						Hieracium aurantiacum							Saponaria officinalis						Potamogeton
Aster eriooides						Hieracium cespitosum							Satureja vulgaris						Potamogeton
Aster lanceolatus						Hieracium							Scutellaria celericulata						Potamogeton
Aster laevis						Hydrophyllum virginianum							Silene vulgaris						Segitaria latifolia
Aster macrophyllus						Hypericum perforatum							Sium suave						Sisyrinchium montanum
Aster novae-angliae						Impatiens capensis							Solanum dulcamara						Smilax herbacea
Aster pulchellus						Impatiens							Solidago						Spiranthes cernua
Barbarea vulgaris						Lactuca							Solidago altissima						Spiraea polytricha
Bidens cernua						Lactuca canadensis							Solidago caesia						Strophopus racosus
Bidens frondosa						Lactuca communis							Solidago canadensis						Trillium erectum
Boehmeria cylindrica						Leonurus cardiaca							Solidago flexicaulis						Trillium grandiflorum
Callitriche palustris						Lepidium							Solidago gigantea						Uvularia grandiflora
Calystegia sepium						Lithospermum officinale							Solidago nemoralis						
Cardamine diphylla						Lobelia							Solidago rugosa						
Cardamine						Lobelia inflata							Sonchus oleraceus						
Cardiophyllum thalictroides						Lobelia inflata							Sonchus asper						
Cerastium fontanum						Lotus corniculatus							Stellaria						
Ceratophyllum demersum						Lyocopus americanus							Tanacetum vulgare						
Chelidonium majus						Lyocopus							Taraxacum officinale						
Chenopodium album						Lysimachia clethra							Thalictrum dioicum						
Chrysanth. leucanthemum						Lythrum salicaria							Thalictrum pubescens						
Cichorium intybus						Medicago lupulina							Thalictrum pubescens						
Cicuta						Medicago sativum							Thalictrum pubescens						
Circaea leucostachya						Melilotus alba							Thalictrum pubescens						
Cirsium arvense						Meniha sibirica							Thalictrum pubescens						
Cirsium vulgare						Mimulus ringens							Thalictrum pubescens						
Clematis virginiana						Mimulus ringens							Thalictrum pubescens						
Clinortia borealis						Mitella diphylla							Tussilago farfara						
Coryza canadensis						Mitella diphylla							Urtica dioica						
Coryza varia						Mitella diphylla							Urtica dioica						
Cyananthus roseus						Nasturtium officinale							Urtica dioica						
Cynoglossum officinale						Nepeta cataria							Veronica						
Daucus carota						Nepeta cataria							Veronica						
Desmodium canadense						Nepeta cataria							Veronica						
Dianthus armeria						Nepeta cataria							Veronica						
Dipsacis fulvum						Nepeta cataria							Veronica						
Echinosystia lobata						Nepeta cataria							Veronica						
Echium vulgare						Nepeta cataria							Veronica						
Epilobium						Nepeta cataria							Veronica						
Epilobium alatum						Nepeta cataria							Veronica						
Epilobium hirsutum						Nepeta cataria							Veronica						
Epilobium parviflorum						Nepeta cataria							Veronica						

- 1: FOD 5
- 2: \_\_\_\_\_
- 3: \_\_\_\_\_
- 4: \_\_\_\_\_
- 5: \_\_\_\_\_
- 6: \_\_\_\_\_

SITE LOCATIONS







Old Briston de novo from 02/11/2010 July 7, 2011, ROAD EUC 534



Site: Blasgow 534 Polygon: 616-Act  
 Surveyor(s): JES + AUSA Date: July 7, 2011 Time start: 8:30am  
 UTMZ: \_\_\_\_\_ UTMZ: \_\_\_\_\_ UTMZ: \_\_\_\_\_ finish: 1:27pm  
 UTMZ: \_\_\_\_\_ UTMZ: \_\_\_\_\_

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input checked="" type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk	<input type="checkbox"/> Lacustrine <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"/> Roll Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Tette <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"/> 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"/> Barran <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	<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"/> Fan <input type="checkbox"/> Bog <input type="checkbox"/> Meadow <input type="checkbox"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Woodland <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Plantation

**Stand Description**

Layer	HT	CVR	Species In Order of Decreasing Dominance (up to 4 sp) (> Much Greater Than; > Greater Than; = About Equal To)
1	4	4	ALESACC > TIAMER > FAGKAN > FRAMER
2	3	3	ALESACC > FRAMER
3	3	3	RACATH
4	3	3	MANGOR J-1-P

HT Codes: 7 < 0.2m 8 > 0.2-0.6m 9 > 0.6-1m 4 > 1-2m 3 > 2-4m 2 > 4-6-25m 1 > 25m  
 CVR Codes: 0 = none 1 0% - 10% 2 10 - 25% 3 25 - 50% 4 > 50%

Stand Composition:	Size Class Analysis:	Standing Snags:	Deadfall / Logs:
	O < 10 N 10-24 Q 25-50 N > 50	O < 10 N 10-24 Q 25-50 N > 50	O < 10 N 10-24 Q 25-50 N > 50

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age:	Pioneer	Young	Mid-Age	Mature	Old Growth
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Ecosite:	Deciduous Forest	Code:	F0D
Vegetation Type:	Dry-Twosh Smgr maple	Code:	F0DS-1
Inclusion:		Code:	
Complex:		Code:	

**Community Profile Diagram/Comments**

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Total
ALESACC	444			
TIAMER	111			
FRAMER	1			
Total				100
Basal Area (BA)	10			
Dead:	20			

**Soils Ontario and ELC Soils Description**

Site Name:	
Depth:	
PivAuger # 1 Zone F Easting 454055 Northing 4818998 Position [x,y] Aspect Percent Slope Length	Summary
Mottles Gley Water Table Carbonates Bedrock	Moisture Regime
1 Depth from zero Texture 100cm	Drainage
2 Depth from zero Texture Sand	Effective Texture (indicate below)
3 Depth from zero Texture	% CF
4 Depth from zero Texture	% CF
% Surface Stone/Rock	% CF
Moisture Regime	% CF
Drainage	1 - Mod. Fresh R/N



CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						+ Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus allegheniensis						Agropyron repens					
Larix laricina						Rubus idaeus						Aloncuris					
Picea abies						Rubus occidentalis						Bromus inermis					
Picea glauca						Rubus odoratus						Calamagrostis canadensis					
Picea resinosa						Rubus pubescens						Carex arctata					
Pinus strobus						Salix alba						Carex aurea					
Pinus sylvestris						Salix amygdaloides						Carex bebbii					
Thuja occidentalis						Salix bebbiana						Carex blanda					
Tsuga canadensis						+ Salix discolor						Carex gracillima					
						Salix eriocephala						Carex granularis					
						Salix exigua						Carex hystericina					
						Salix lucida						Carex pensylvanica					
						Salix petiolaris						Carex radiata					
						+ Salix purpurea						Carex retrosa					
TREES and SHRUBS						Salix x rubens						Carex stipata					
Acer negundo						+ Salix						Carex stricta					
Acer rubrum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharinum						Sambucus racemosa						Carex					
Acer saccharum	X					Sorbus aucuparia						Carex					
Acer spicatum						Spiraea alba						Carex					
Alnus rugosa						Syringa vulgaris						Carex					
Amelanchier						+ Tilia americana		X				Carex					
Berberis thunbergii						Ulmus americana						Carex					
Betula alleghaniensis						Ulmus						Carex					
Betula papyrifera						Vaccinium						Carex					
Carpinus caroliniana						Viburnum lentago						Cyperus					
Carya cordiformis						Viburnum opulus						Cyperus					
Celastrus scandens						Viburnum						Dactylis glomerata					
Cornus alternifolia						Vitis riparia						Danthonia spicata					
Cornus amomum												Echinochloa crus-galli					
Cornus rugosa												Elocharis erythropoda					
Cornus stolonifera												Eleocharis					
Corylus cortuta												Elymus virginicus					
Crataegus mollis												Elymus					
Crataegus punctata												Festuca arundinacea					
Crataegus sp.												Glyceria striata					
Crataegus												Glyceria					
Dicentra lonicera												Juncus dudleyi					
Fagus grandifolia	X											Juncus effusus					
Fraxinus americana	X					FERNS						Juncus tenuis					
Fraxinus nigra						Adiantum pedatum						Juncus					
Fraxinus pennsylvanica						Athyrium filix-femina						Juncus					
Ilex verticillata						Botrychium multifidum						Juncus					
Juglans cinerea						Botrychium virginianum						Leersia oryzoides					
Juglans nigra						Cystopteris bulbifera						Muhlenbergia					
Lonicera morrowi						Dryopteris caroliniana						Oryzopsis asperifolia					
Lonicera tatarica						Dryopteris cristata						Panicum					
Lonicera						Dryopteris marginalis						Panicum					
Malus punilla						Dryopteris						Phalaris arundinacea					
Ostrya virginiana						Equisetum arvense						Phleum pratense					
Parthenocissus inserta	X					Equisetum hyemale						Phragmites australis					
Populus balsamifera						Equisetum variegatum						Poa compressus					
Populus grandidentata						Equisetum						Poa pratensis					
Populus tremuloides						Gymnocarpium dryopteris						Poa					
Populus						Lycopodium digitatum						Scirpus atrovirens					
Prunus pennsylvanica						Lycopodium obscurum						Scirpus cyperinus					
Prunus serotina	X					Lycopodium						Scirpus validus					
Prunus virginiana						Lycopodium						Scirpus					
Prunus						Matteucia struthiopteris						Setaria					
Quercus macrocarpa						Onoclea sensibilis						Sparganium					
Quercus rubra						Osmunda cinnamomea						Typha angustifolia					
Quercus						Osmunda regalis						Typha latifolia					
Rhamnus cathartica						Polystichum acrostichoides						Typha Xelance					
Rhus radicans	X					Pteridium aquilinum											
Rhus typhina						Thelypteris palustris											
Ribes americana																	
Ribes cynosbati																	
Ribes x rubrum																	
Robinia pseudo-acacia																	

BLW-534





Old GELBATTZ at same time

**ELC** Community Description and Classification

Site: Bloomer 534 Polygon: G16-29

Surveyors: B.S.S. Anger Date: July 7, 2011 Time start: 8:43 am

UTMZ: UTM1Z UTMZ: UTM1Z finish: 11:27 am

**Polygon Description**

System:  Terrestrial  Wetland  Aquatic

Substrate:  Organic  Mineral Soil  Parent Min.  Acidic Bedrk  Basic Bedrk  Carb. Bedrk

Site:  Open Water  Shallow Water  Surficial Dep.  Bedrock

History:  Natural  Cultural

Cover:  Open  Shrub  Tree

Topographic Feature:  Lacustrine  Riverine  Bottomland  Terrace  Valley Slope  Tableland  Cliff  Talus  Crevice/Cave  Alvar  Rockland  Beach / Bar  Sand Dune  Bluff

Plant Form:  Plankton  Submerged  Floating-LVD.  Graminoid  Forb  Lichon  Bryophyte  Deciduous  Coniferous  Mixed

Community:  Lake  Pond  River  Stream  Marsh  Swamp  Fen  Bog  Barren  Meadow  Prairie  Thicket  Savannah  Woodland  Forest  Plantation

17% organic

**Stand Description**

Species In Order of Decreasing Dominance (up to 4 sp)  
 (> Much Greater Than; > Greater Than; = About Equal To)

Layer	HT	CVR
1	6	ACE SACC
2	3	ACE SACC > FRAMER > PLEUSPO = FRAMER
3	2	RHASCFL
4	1	Spruce = Spruce > TRISO > J-1-P

HT Codes: 7 < 0.2m 6 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-6m 2 > 6-25m 1 > 25m  
 CVR Codes: 0 = none 10% - 10% 20% - 25% 30% - 35% 40% - 45% 50% - 55% 60% - 65% 70% - 75% 80% - 85% 90% - 95% 100%

**Stand Composition: Size Class Analysis:**

Standing Snags:	Deadfall / Logs:	<10	10-24	25-50	>50
		0	A	0	R
		N	N	N	N
		N	A	0	N

Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age:  Pioneer  Young  Mid-Age  Mature  Old Growth

Ecosite: F0D 3 Bloomer Forest Code: F0D 3

Vegetation Type: Day-Fresh Sugar maple Code:

Inclusion: Code:

Complex: Code:

**Community Profile Diagram/Comments**

→ Type of forest: Day-Fresh Sugar maple

→ Large forest with a canopy of mostly deciduous trees

→ good quality habitat

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Prism factor	2
PLAUSPO							
TRAMER					4		
ACE SACC					5		
FRAMER					2		
Total		4			4		
Basal Area (BA)		26			26		100
Dead							

**Soils Ontario and ELC Soils Description**

Site Metrics	PI/Auger #	Soils Ontario	ELC Soils Description	Summary
Zone	17			
Easting	450867			
Northing	41819066			
Position	1891			
Aspect				
Percent				
Slope				
Length				
Mottles	None			
Gley	None			
Water Table				
Carbonates				
Bedrock				
Depth from zero	36m	% CF	% CF	% CF
Texture	Loam			
Depth from zero	49cm	% CF	% CF	% CF
Texture	S			
Depth from zero		% CF	% CF	% CF
Texture				
Depth from zero		% CF	% CF	% CF
Texture				
Depth from zero		% CF	% CF	% CF
Texture				
% Surface Stone/Rock				
Moisture Regime	1-mod fresh			
Drainage	R/W			

Feb 16-29 (SNO community Wetland)

**ELC**  
Community Description and Classification

Site: Wetland 534 Polygon: PZ  
 Surveyors: John + Andrew Date: July 3<sup>rd</sup> Time start: 8:43  
 UTMZ: UTM11N finish: 11:29

**Polygon Description**  
 17°C, overcast

System	Substrate	Topographic Feature	Plant Form	Community
<input type="checkbox"/> Terrestrial <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Aquatic Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock History <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Cultural Cover <input type="checkbox"/> Open <input type="checkbox"/> Shrub <input checked="" type="checkbox"/> Tree	<input type="checkbox"/> Organic <input checked="" type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Riverine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Hill 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"/> 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"/> 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"/> Lake <input type="checkbox"/> Pond <input type="checkbox"/> River <input type="checkbox"/> Stream <input type="checkbox"/> Marsh <input checked="" type="checkbox"/> Swamp <input type="checkbox"/> Fen <input type="checkbox"/> Bog <input type="checkbox"/> Barren <input type="checkbox"/> Meadow <input type="checkbox"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savannah <input type="checkbox"/> Woodland <input type="checkbox"/> Forest <input type="checkbox"/> Plantation

**Stand Description**

Layer	HT	CVR	Species in Order of Decreasing Dominance (up to 4 sp) (> Much Greater Than; > Greater Than; = About Equal To)
1	1	4	Red Maple > Tamarac
2			
3			
4	6	3	Red Maple > Tamarac > <del>Red Maple &gt; Tamarac</del> <del>Red Maple &gt; Tamarac</del>

HT Codes: 1 < 0.2m 2 > 0.2-0.5m 3 > 0.5-1m 4 > 1-2m 5 > 2-3m 6 > 3-4m 7 > 4-5m 8 > 5-6m 9 > 6-7m 10 > 7-8m 11 > 8-9m 12 > 9-10m 13 > 10-11m 14 > 11-12m 15 > 12-13m 16 > 13-14m 17 > 14-15m 18 > 15-16m 19 > 16-17m 20 > 17-18m 21 > 18-19m 22 > 19-20m 23 > 20-21m 24 > 21-22m 25 > 22-23m 26 > 23-24m 27 > 24-25m 28 > 25-26m 29 > 26-27m 30 > 27-28m 31 > 28-29m 32 > 29-30m 33 > 30-31m 34 > 31-32m 35 > 32-33m 36 > 33-34m 37 > 34-35m 38 > 35-36m 39 > 36-37m 40 > 37-38m 41 > 38-39m 42 > 39-40m 43 > 40-41m 44 > 41-42m 45 > 42-43m 46 > 43-44m 47 > 44-45m 48 > 45-46m 49 > 46-47m 50 > 47-48m 51 > 48-49m 52 > 49-50m 53 > 50-51m 54 > 51-52m 55 > 52-53m 56 > 53-54m 57 > 54-55m 58 > 55-56m 59 > 56-57m 60 > 57-58m 61 > 58-59m 62 > 59-60m 63 > 60-61m 64 > 61-62m 65 > 62-63m 66 > 63-64m 67 > 64-65m 68 > 65-66m 69 > 66-67m 70 > 67-68m 71 > 68-69m 72 > 69-70m 73 > 70-71m 74 > 71-72m 75 > 72-73m 76 > 73-74m 77 > 74-75m 78 > 75-76m 79 > 76-77m 80 > 77-78m 81 > 78-79m 82 > 79-80m 83 > 80-81m 84 > 81-82m 85 > 82-83m 86 > 83-84m 87 > 84-85m 88 > 85-86m 89 > 86-87m 90 > 87-88m 91 > 88-89m 92 > 89-90m 93 > 90-91m 94 > 91-92m 95 > 92-93m 96 > 93-94m 97 > 94-95m 98 > 95-96m 99 > 96-97m 100 > 97-98m 101 > 98-99m 102 > 99-100m 103 > 100-101m 104 > 101-102m 105 > 102-103m 106 > 103-104m 107 > 104-105m 108 > 105-106m 109 > 106-107m 110 > 107-108m 111 > 108-109m 112 > 109-110m 113 > 110-111m 114 > 111-112m 115 > 112-113m 116 > 113-114m 117 > 114-115m 118 > 115-116m 119 > 116-117m 120 > 117-118m 121 > 118-119m 122 > 119-120m 123 > 120-121m 124 > 121-122m 125 > 122-123m 126 > 123-124m 127 > 124-125m 128 > 125-126m 129 > 126-127m 130 > 127-128m 131 > 128-129m 132 > 129-130m 133 > 130-131m 134 > 131-132m 135 > 132-133m 136 > 133-134m 137 > 134-135m 138 > 135-136m 139 > 136-137m 140 > 137-138m 141 > 138-139m 142 > 139-140m 143 > 140-141m 144 > 141-142m 145 > 142-143m 146 > 143-144m 147 > 144-145m 148 > 145-146m 149 > 146-147m 150 > 147-148m 151 > 148-149m 152 > 149-150m 153 > 150-151m 154 > 151-152m 155 > 152-153m 156 > 153-154m 157 > 154-155m 158 > 155-156m 159 > 156-157m 160 > 157-158m 161 > 158-159m 162 > 159-160m 163 > 160-161m 164 > 161-162m 165 > 162-163m 166 > 163-164m 167 > 164-165m 168 > 165-166m 169 > 166-167m 170 > 167-168m 171 > 168-169m 172 > 169-170m 173 > 170-171m 174 > 171-172m 175 > 172-173m 176 > 173-174m 177 > 174-175m 178 > 175-176m 179 > 176-177m 180 > 177-178m 181 > 178-179m 182 > 179-180m 183 > 180-181m 184 > 181-182m 185 > 182-183m 186 > 183-184m 187 > 184-185m 188 > 185-186m 189 > 186-187m 190 > 187-188m 191 > 188-189m 192 > 189-190m 193 > 190-191m 194 > 191-192m 195 > 192-193m 196 > 193-194m 197 > 194-195m 198 > 195-196m 199 > 196-197m 200 > 197-198m 201 > 198-199m 202 > 199-200m 203 > 200-201m 204 > 201-202m 205 > 202-203m 206 > 203-204m 207 > 204-205m 208 > 205-206m 209 > 206-207m 210 > 207-208m 211 > 208-209m 212 > 209-210m 213 > 210-211m 214 > 211-212m 215 > 212-213m 216 > 213-214m 217 > 214-215m 218 > 215-216m 219 > 216-217m 220 > 217-218m 221 > 218-219m 222 > 219-220m 223 > 220-221m 224 > 221-222m 225 > 222-223m 226 > 223-224m 227 > 224-225m 228 > 225-226m 229 > 226-227m 230 > 227-228m 231 > 228-229m 232 > 229-230m 233 > 230-231m 234 > 231-232m 235 > 232-233m 236 > 233-234m 237 > 234-235m 238 > 235-236m 239 > 236-237m 240 > 237-238m 241 > 238-239m 242 > 239-240m 243 > 240-241m 244 > 241-242m 245 > 242-243m 246 > 243-244m 247 > 244-245m 248 > 245-246m 249 > 246-247m 250 > 247-248m 251 > 248-249m 252 > 249-250m 253 > 250-251m 254 > 251-252m 255 > 252-253m 256 > 253-254m 257 > 254-255m 258 > 255-256m 259 > 256-257m 260 > 257-258m 261 > 258-259m 262 > 259-260m 263 > 260-261m 264 > 261-262m 265 > 262-263m 266 > 263-264m 267 > 264-265m 268 > 265-266m 269 > 266-267m 270 > 267-268m 271 > 268-269m 272 > 269-270m 273 > 270-271m 274 > 271-272m 275 > 272-273m 276 > 273-274m 277 > 274-275m 278 > 275-276m 279 > 276-277m 280 > 277-278m 281 > 278-279m 282 > 279-280m 283 > 280-281m 284 > 281-282m 285 > 282-283m 286 > 283-284m 287 > 284-285m 288 > 285-286m 289 > 286-287m 290 > 287-288m 291 > 288-289m 292 > 289-290m 293 > 290-291m 294 > 291-292m 295 > 292-293m 296 > 293-294m 297 > 294-295m 298 > 295-296m 299 > 296-297m 300 > 297-298m 301 > 298-299m 302 > 299-300m 303 > 300-301m 304 > 301-302m 305 > 302-303m 306 > 303-304m 307 > 304-305m 308 > 305-306m 309 > 306-307m 310 > 307-308m 311 > 308-309m 312 > 309-310m 313 > 310-311m 314 > 311-312m 315 > 312-313m 316 > 313-314m 317 > 314-315m 318 > 315-316m 319 > 316-317m 320 > 317-318m 321 > 318-319m 322 > 319-320m 323 > 320-321m 324 > 321-322m 325 > 322-323m 326 > 323-324m 327 > 324-325m 328 > 325-326m 329 > 326-327m 330 > 327-328m 331 > 328-329m 332 > 329-330m 333 > 330-331m 334 > 331-332m 335 > 332-333m 336 > 333-334m 337 > 334-335m 338 > 335-336m 339 > 336-337m 340 > 337-338m 341 > 338-339m 342 > 339-340m 343 > 340-341m 344 > 341-342m 345 > 342-343m 346 > 343-344m 347 > 344-345m 348 > 345-346m 349 > 346-347m 350 > 347-348m 351 > 348-349m 352 > 349-350m 353 > 350-351m 354 > 351-352m 355 > 352-353m 356 > 353-354m 357 > 354-355m 358 > 355-356m 359 > 356-357m 360 > 357-358m 361 > 358-359m 362 > 359-360m 363 > 360-361m 364 > 361-362m 365 > 362-363m 366 > 363-364m 367 > 364-365m 368 > 365-366m 369 > 366-367m 370 > 367-368m 371 > 368-369m 372 > 369-370m 373 > 370-371m 374 > 371-372m 375 > 372-373m 376 > 373-374m 377 > 374-375m 378 > 375-376m 379 > 376-377m 380 > 377-378m 381 > 378-379m 382 > 379-380m 383 > 380-381m 384 > 381-382m 385 > 382-383m 386 > 383-384m 387 > 384-385m 388 > 385-386m 389 > 386-387m 390 > 387-388m 391 > 388-389m 392 > 389-390m 393 > 390-391m 394 > 391-392m 395 > 392-393m 396 > 393-394m 397 > 394-395m 398 > 395-396m 399 > 396-397m 400 > 397-398m 401 > 398-399m 402 > 399-400m 403 > 400-401m 404 > 401-402m 405 > 402-403m 406 > 403-404m 407 > 404-405m 408 > 405-406m 409 > 406-407m 410 > 407-408m 411 > 408-409m 412 > 409-410m 413 > 410-411m 414 > 411-412m 415 > 412-413m 416 > 413-414m 417 > 414-415m 418 > 415-416m 419 > 416-417m 420 > 417-418m 421 > 418-419m 422 > 419-420m 423 > 420-421m 424 > 421-422m 425 > 422-423m 426 > 423-424m 427 > 424-425m 428 > 425-426m 429 > 426-427m 430 > 427-428m 431 > 428-429m 432 > 429-430m 433 > 430-431m 434 > 431-432m 435 > 432-433m 436 > 433-434m 437 > 434-435m 438 > 435-436m 439 > 436-437m 440 > 437-438m 441 > 438-439m 442 > 439-440m 443 > 440-441m 444 > 441-442m 445 > 442-443m 446 > 443-444m 447 > 444-445m 448 > 445-446m 449 > 446-447m 450 > 447-448m 451 > 448-449m 452 > 449-450m 453 > 450-451m 454 > 451-452m 455 > 452-453m 456 > 453-454m 457 > 454-455m 458 > 455-456m 459 > 456-457m 460 > 457-458m 461 > 458-459m 462 > 459-460m 463 > 460-461m 464 > 461-462m 465 > 462-463m 466 > 463-464m 467 > 464-465m 468 > 465-466m 469 > 466-467m 470 > 467-468m 471 > 468-469m 472 > 469-470m 473 > 470-471m 474 > 471-472m 475 > 472-473m 476 > 473-474m 477 > 474-475m 478 > 475-476m 479 > 476-477m 480 > 477-478m 481 > 478-479m 482 > 479-480m 483 > 480-481m 484 > 481-482m 485 > 482-483m 486 > 483-484m 487 > 484-485m 488 > 485-486m 489 > 486-487m 490 > 487-488m 491 > 488-489m 492 > 489-490m 493 > 490-491m 494 > 491-492m 495 > 492-493m 496 > 493-494m 497 > 494-495m 498 > 495-496m 499 > 496-497m 500 > 497-498m 501 > 498-499m 502 > 499-500m 503 > 500-501m 504 > 501-502m 505 > 502-503m 506 > 503-504m 507 > 504-505m 508 > 505-506m 509 > 506-507m 510 > 507-508m 511 > 508-509m 512 > 509-510m 513 > 510-511m 514 > 511-512m 515 > 512-513m 516 > 513-514m 517 > 514-515m 518 > 515-516m 519 > 516-517m 520 > 517-518m 521 > 518-519m 522 > 519-520m 523 > 520-521m 524 > 521-522m 525 > 522-523m 526 > 523-524m 527 > 524-525m 528 > 525-526m 529 > 526-527m 530 > 527-528m 531 > 528-529m 532 > 529-530m 533 > 530-531m 534 > 531-532m 535 > 532-533m 536 > 533-534m 537 > 534-535m 538 > 535-536m 539 > 536-537m 540 > 537-538m 541 > 538-539m 542 > 539-540m 543 > 540-541m 544 > 541-542m 545 > 542-543m 546 > 543-544m 547 > 544-545m 548 > 545-546m 549 > 546-547m 550 > 547-548m 551 > 548-549m 552 > 549-550m 553 > 550-551m 554 > 551-552m 555 > 552-553m 556 > 553-554m 557 > 554-555m 558 > 555-556m 559 > 556-557m 560 > 557-558m 561 > 558-559m 562 > 559-560m 563 > 560-561m 564 > 561-562m 565 > 562-563m 566 > 563-564m 567 > 564-565m 568 > 565-566m 569 > 566-567m 570 > 567-568m 571 > 568-569m 572 > 569-570m 573 > 570-571m 574 > 571-572m 575 > 572-573m 576 > 573-574m 577 > 574-575m 578 > 575-576m 579 > 576-577m 580 > 577-578m 581 > 578-579m 582 > 579-580m 583 > 580-581m 584 > 581-582m 585 > 582-583m 586 > 583-584m 587 > 584-585m 588 > 585-586m 589 > 586-587m 590 > 587-588m 591 > 588-589m 592 > 589-590m 593 > 590-591m 594 > 591-592m 595 > 592-593m 596 > 593-594m 597 > 594-595m 598 > 595-596m 599 > 596-597m 600 > 597-598m 601 > 598-599m 602 > 599-600m 603 > 600-601m 604 > 601-602m 605 > 602-603m 606 > 603-604m 607 > 604-605m 608 > 605-606m 609 > 606-607m 610 > 607-608m 611 > 608-609m 612 > 609-610m 613 > 610-611m 614 > 611-612m 615 > 612-613m 616 > 613-614m 617 > 614-615m 618 > 615-616m 619 > 616-617m 620 > 617-618m 621 > 618-619m 622 > 619-620m 623 > 620-621m 624 > 621-622m 625 > 622-623m 626 > 623-624m 627 > 624-625m 628 > 625-626m 629 > 626-627m 630 > 627-628m 631 > 628-629m 632 > 629-630m 633 > 630-631m 634 > 631-632m 635 > 632-633m 636 > 633-634m 637 > 634-635m 638 > 635-636m 639 > 636-637m 640 > 637-638m 641 > 638-639m 642 > 639-640m 643 > 640-641m 644 > 641-642m 645 > 642-643m 646 > 643-644m 647 > 644-645m 648 > 645-646m 649 > 646-647m 650 > 647-648m 651 > 648-649m 652 > 649-650m 653 > 650-651m 654 > 651-652m 655 > 652-653m 656 > 653-654m 657 > 654-655m 658 > 655-656m 659 > 656-657m 660 > 657-658m 661 > 658-659m 662 > 659-660m 663 > 660-661m 664 > 661-662m 665 > 662-663m 666 > 663-664m 667 > 664-665m 668 > 665-666m 669 > 666-667m 670 > 667-668m 671 > 668-669m 672 > 669-670m 673 > 670-671m 674 > 671-672m 675 > 672-673m 676 > 673-674m 677 > 674-675m 678 > 675-676m 679 > 676-677m 680 > 677-678m 681 > 678-679m 682 > 679-680m 683 > 680-681m 684 > 681-682m 685 > 682-683m 686 > 683-684m 687 > 684-685m 688 > 685-686m 689 > 686-687m 690 > 687-688m 691 > 688-689m 692 > 689-690m 693 > 690-691m 694 > 691-692m 695 > 692-693m 696 > 693-694m 697 > 694-695m 698 > 695-696m 699 > 696-697m 700 > 697-698m 701 > 698-699m 702 > 699-700m 703 > 700-701m 704 > 701-702m 705 > 702-703m 706 > 703-704m 707 > 704-705m 708 > 705-706m 709 > 706-707m 710 > 707-708m 71



VASCULAR PLANT CHECKSHEET

Location: Blueswater 534  
 Observer: Jess + Andrea

Date: July 7, 2011  
 Job Number: W2.1.1.1

DIERBERBS							MONOCOT HERBS																	
1	2	3	4	5	6		1	2	3	4	5	6	1	2	3	4	5	6						
<i>Achillea millefolium</i>						<i>Erigeron annuus</i>							<i>Plantago lanceolata</i>						<i>Alliaria plantago-aquatica</i>					
<i>Actaea pachyloba</i>						<i>Erigeron philadelphicus</i>							<i>Plantago major</i>						<i>Allium trioccosum</i>					
<i>Actaea rubra</i>						<i>Erigeron strigosus</i>							<i>Plantago rugelii</i>						<i>Allium</i>					
<i>Agalinis</i>						<i>Erythronium chloranthoides</i>							<i>Podoclytus peltatum</i>						<i>Arisaema triphyllum</i>					
<i>Agrimonia eupatorioides</i>						<i>Eupatorium maculatum</i>							<i>Polygonum</i>						<i>Asparagus officinalis</i>					
<i>Alliaria petiolata</i>						<i>Eupatorium perfoliatum</i>							<i>Polygonum</i>						<i>Calla palustris</i>					
<i>Amaranthus tetralobus</i>						<i>Eupatorium rugosum</i>							<i>Polygonum</i>						<i>Clinoclea borealis</i>					
<i>Ambrosia artemisiifolia</i>						<i>Euphorbia</i>							<i>Polygonum beaufortii</i>						<i>Convolvula majus</i>					
<i>Amphispiza bilineata</i>						<i>Euthamia graminifolia</i>							<i>Polygonum persicaria</i>						<i>Cypripedium pubescens</i>					
<i>Anaphalis margaritacea</i>						<i>Fragaria virginiana</i>							<i>Potentilla</i>						<i>Eriogonum canadense</i>					
<i>Anemone</i>						<i>Fragaria vesca</i>							<i>Potentilla norvegica</i>						<i>Epipactis helleborifera</i>					
<i>Anemone canadensis</i>						<i>Galeopsis tetrahit</i>							<i>Potentilla recta</i>						<i>Erythronium americanum</i>					
<i>Anemone virginiana</i>						<i>Gallium</i>							<i>Prenanthes alba</i>						<i>Hemerocallis flava</i>					
<i>Antennaria neglecta</i>						<i>Gallium</i>							<i>Prunella vulgaris</i>						<i>Frits versicolor</i>					
<i>Apocynum androsaemifolium</i>						<i>Gallium palustre</i>							<i>Pyrola elliptica</i>						<i>Lactuca tectorum</i>					
<i>Apocynum cannabinum</i>						<i>Gallium triflorum</i>							<i>Ranunculus</i>						<i>Lactuca tirsulca</i>					
<i>Asplenium canadense</i>						<i>Geranium maculatum</i>							<i>Ranunculus abortivus</i>						<i>Lilium</i>					
<i>Asplenium adnigrum</i>						<i>Geranium robertianum</i>							<i>Ranunculus acris</i>						<i>Malinum canadense</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Micranthemum saxatile</i>					
<i>Asplenium septentrionale</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Micranthemum stellatum</i>					
<i>Asplenium thelypteris</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Plantago</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium silvestre</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium maculatum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>						<i>Geranium robertianum</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
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<i>Asplenium platyneuron</i>						<i>Geum canadense</i>							<i>Rumex crispus</i>						<i>Potentilla canadensis</i>					
<i>Asplenium platyneuron</i>																								





# Bluewater Feature: 534\_BLW1616

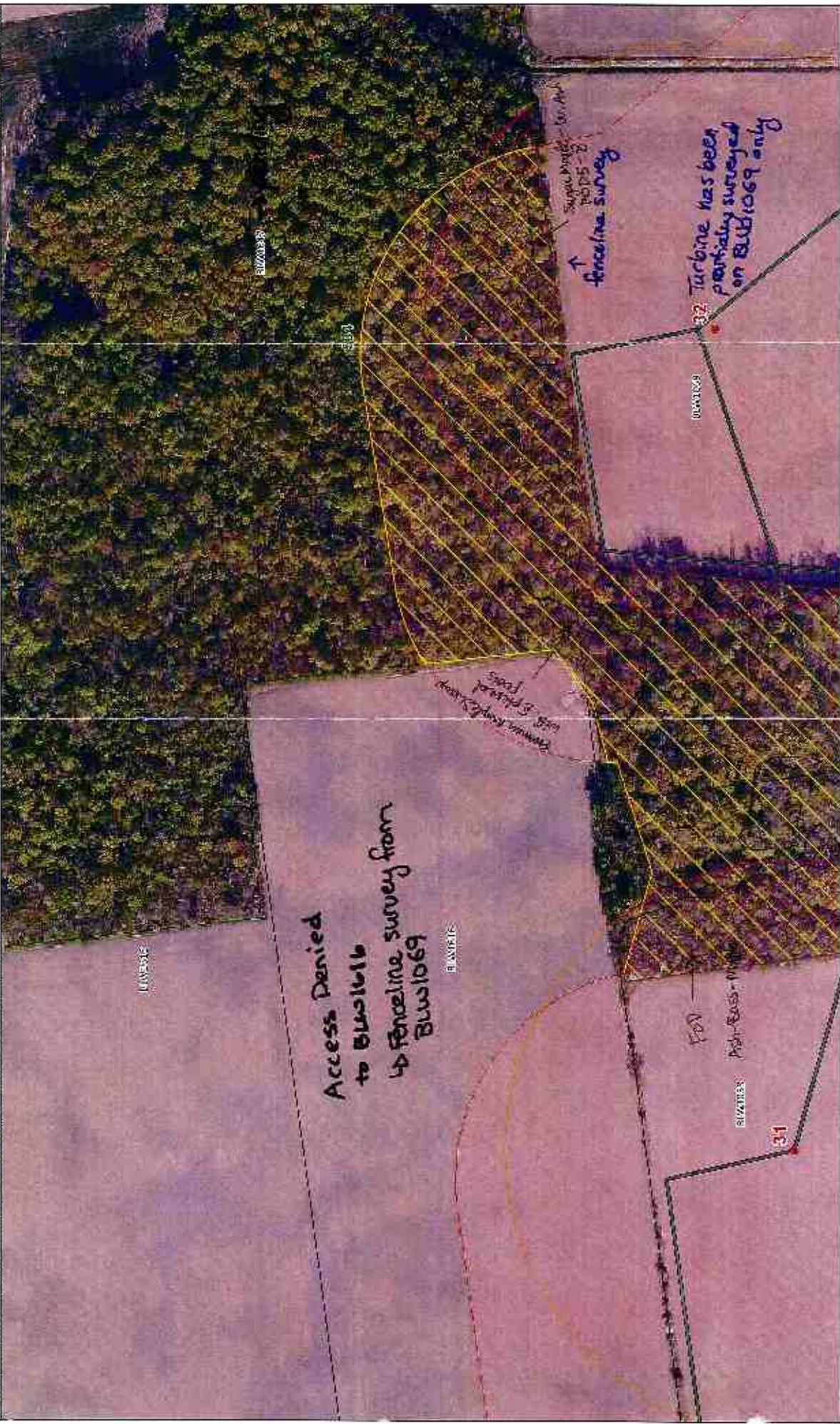
(Properties that contain Features within 125m from Collection Lines and 171.5m from Turbines)

↑  
August 29, 2014



- Access/Collection Line
- Collection Buffer (125 m)
- Turbine D. Per (171.5m)

- Collection - Culture Footprint
- Thicket Buffer/Footprint
- Priority Fabric
- Blowouts: Wind Energy Device



Access Denied  
to BLW1616  
to Fenceline survey from  
BLW1069

FOI

Suzanne  
Fish-East-M

FOI

31

32

33

Suzanne Project - 60, 400  
↑  
fenceline survey

Turbine has been  
partially surveyed  
on BLW1069 only



**ELC** Community Description and Classification

Site: 534\_BLW year 1058 Polygon:   
 Surveyor(s): *JK* Date: *Sept 2/11* Time start: *13:15* finish:   
 UTMZ: UTMZ: 450850 UTMN: 4819075

**Polygon Description**

System	Substrate	Topographic Feature	Plant Form	Community
<input type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic <b>Site</b> <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Min. <input type="checkbox"/> Acidic Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Bedrk	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Riverine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll. Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Aliver <input type="checkbox"/> Rockland <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<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 checked="" type="checkbox"/> Forest <input type="checkbox"/> Plantation
History	<input type="checkbox"/> Natural <input type="checkbox"/> Cultural			
Cover	<input type="checkbox"/> Open <input type="checkbox"/> Shrub <input type="checkbox"/> Tree.			

**Stand Description**

Layer	HT	CVR	Species in Order of Decreasing Dominance (up to 4 sp) (=> Much Greater Than; > Greater Than; = About Equal To)
1	2-4		<i>Fraxinus - Tilia - Acer - Aesculus</i>
2	3-3		<i>Rhus - Quercus - Alnus - Aca. sacu - Crataegus</i>
3	4-3		<i>Rhus - Quercus - Prunus - Vitis</i>
4	0		<i>Pinus - Ma. sp. - C. sp. - Vitis</i>

HT Codes: 7 > 0.2m 8 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-5m 2 > 6-25m 1 > 25m  
 CVR Codes: 0 = none 1 0% - 10% 2 10 - 25% 3 25 - 60% 4 > 60%

**Stand Composition: Size Class Analysis:**

Standing Snags:	<10	A	10-24	R	25-50	>50
Deadfall / Log:	<10	D	10-24		25-50	>50
	<10	A	10-24		25-50	>50

BA:   
 Abundance Codes: N = None R = Rare O = Occasional A = Abundant

**Com. Age:**  Pioneer  Young  Mid-Age  Mature  Old Growth

**Ecosite:**   
 Vegetation Type: *epineal plots.* Code: *F05S-1*  
 Inclusion:   
 Complex:

**Community Profile Diagram/Comments**

*Variable mixed canopy*

Notes:

**Tree Tally by Species**

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Rel. Avg.
Total						100
Basal Area (BA)						
Dead						

**Soils Ontario and ELC Soils Description**

Site Metrics	Pit/Auger #	Summary
UTM	Zone	Moisture Regime
	Easting	
	Northing	
	Position	Drainage
	Aspect	
	Percent	
Slope	Slope Length	Effective Texture (indicate below)
	Mollis	
	Gley	
Depth to...	Water Table	% CF
	Carbonates	
	Bedrock	% CF
1	Depth from zero	
	Texture	% CF
2	Depth from zero	
	Texture	% CF
3	Depth from zero	
	Texture	% CF
4	Depth from zero	
	Texture	% CF
	% Surface Stone/Rock	
	Moisture Regime	
	Drainage	