Unit 83

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial	☐ Organic	☐ Lacustrine	☐ Open	☐ Lake
☐ Wetland	☐ Mineral Soil	☐ Riverine	☐ Shrub	☐ Pond
☐ Aquatic	☒ Parent Mineral	☐ Bottomland	☒ Tread	☐ River
Site	☐ Acidic Bedrock	☐ Terrace	**Plant Form**	☐ Stream
☐ Open Water	☐ Basic Bedrock	☐ Valley Slope	☐ Plankton	☐ Marsh
☐ Shallow Water	☐ Carbonate Bedrock	☒ Tableland	☐ Submerged	☐ Swamp
☒ Surficial Deposits		☐ Rolling Upland	☐ Floating-leaved	☐ Fen
☐ Bedrock		☐ Cliff	☐ Graminoid	☐ Bog
History		☐ Talus	☐ Forb	☐ Barren
☐ Natural		☐ Crevice Cave	☐ Lichen	☐ Meadow
☒ Semi-natural		☐ Alvar	☐ Bryophyte	☐ Prairie
☐ Cultural		☐ Rockland	☐ Coniferous	☐ Thicket
		☐ Beach/Bar	☒ Mixed	☐ Savannah
		☐ Sand Dune	☐ Deciduous	☐ Woodland
		☐ Bluff		☒ Forest
				☐ Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

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

Stand Composition					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

ELC Assessment	Site: East Durham	Polygon: FOM2	Surveyors: JCN
	TA#: 8119	Date: MAY 12/11	

Layers: 1 = canopy; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover
Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESASA	D		A											
ABIBALS	R													
										RUBIDAE			A	
										RUBPUBE				O
CORALTI			A											
CRAPINC			O											
										THIOCCI		R		
ERYAMER				D										
					PINSTRV	D				UMAMER		O		
					CORTRIN	R								
					PRUSERO	O		O						
										violasp				

Note: Number in circle indicates sample number of sample taken.

- transition between plantation and Forest
- large mature maples along edge
- photo 26-31
- observed from fence
- Allison photo 106-108

Unit 92

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Plantation ☐ Submergent ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy			
2 Sub-canopy			
3 Understorey			
4 Ground Cover			

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

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	E=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

ELC Assessment

Site: East Durham	Polygon: SWC1	Surveyors: JCN
TA#: 3119	Date: AUG 31/11	

Layers: 1 = canopy; 2 = sub-canopy; 3 = understorey saplings and shrubs; 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACERUBR	O				IMPCAPE									
ACESACR	R													
ABIBALS	D				JUNEFF									
ARANUDI										RUBPUBE				
ASTFUNI														
BETALLE					LEMMINO									
ARITRIP					LYCUNIF									
CORSTOL					LARCANA					SOLDULC				
CLEVIRG										SAMPUBE				
CORALT					MENPEPE					SIUSUAVE				
CIS BULB					MITREPE					Solalt				
CARINTM					MITSTALE									
MARSH CALPALU					MITNUDA					TSUCANA	A			
DRYCART										THUOCCI				
CARGREY										TUSFARF				
DRYCRIS					OSMVIRG									
EUPMACU					ONOSEN									
EQUARVE					PRUSERO					ULMAMER				
ERICILI					RHAARM									
FRANIGR					POPTREM									
FRAVIRG														
FRARPM														
GYMDRYO										VERANAG				
GALPALU														
GLY STRI														
GALAPAR														

Note: Number in circle indicates sample number of sample taken

Unit 102

LGL

ELC Assessment	Site:	Polygon: FOD5-8	Surveyors: JCN
	TAN: 814	Date: May 15/12	

July 18/12

Layers: 1 = canopy (>10m); 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESASA	D				CLVULG									
ASEUANG					DAUCARO									
AGRGRAP					GEUCANA									
ACERUBR	A									RUBIDAE				
AMEARBO										RANACRI				
Betalle					LONDIOI					SOLCANA				
CAUTHAL										SORARME				
CORALTI										SOLRUGO				
CIRLUTE														
CARDRO					MALPUMI									
Cleavers					MAICANA									
GARLIC					MITREPE									
CRAMOU										TAROFF				
DACGLOM										TRIEREC				
DRYINTE										TSUCANA				
CARGREY					CELURG	R				TRIAURA				
ERYIMHR														
EQUARVE					PODTREM					ULMAMER				
EPIHELE					PRUSERO	D								
FRAVIRG					PRUVIRG									
FRAAMER														
FAGGRA														
GERROB										VERCHAM				D
GALTETR										VITRIPA				
EUPRUGO										VIOPUB				
dosaa CAR										Viopurple				
ARCMINU														

Note: Number in circle indicates sample number of sample taken.

- EDI Unit 1028
- tent caterpillars in cherries
- Rock piles along edge
- mosquitos bad in July 2012
- Cherry + maple forest

(A) opposite lid photo 242

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy			
2 Sub-canopy			
3 Understorey			
4 Ground Cover			

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

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial	☐ Organic	☐ Lacustrine	☐ Open	☐ Lake
☐ Wetland	☐ Mineral Soil	☐ Riverine	☐ Shrub	☐ Pond
☐ Aquatic	☐ Parent Material	☐ Bottomland	☐ Treed	☐ River
Site	☐ Acidic Bedrock	☐ Terrace	**Plant Form**	☐ Stream
☐ Open Water	☐ Basic Bedrock	☐ Valley Slope	☐ Plankton	☐ Marsh
☐ Shallow Water	☐ Carbonate Bedrock	☐ Tableland	☐ Submergent	☐ Swamp
☒ Surficial Deposits		☐ Rolling Upland	☐ Floating-leaved	☐ Fen
☐ Bedrock		☐ Cliff	☐ Graminoid	☐ Bog
History		☐ Talus	☐ Forb	☐ Barren
☐ Natural		☐ Crevice Cave	☐ Lichen	☐ Meadow
☐ Semi-natural		☐ Alvar	☐ Bryophyte	☐ Prairie
☐ Cultural		☐ Rockland	☐ Coniferous	☐ Thicket
		☐ Beach/Bar	☐ Mixed	☐ Savannah
		☐ Sand Dune	☐ Deciduous	☐ Woodland
		☐ Bluff		☐ Forest
				☐ Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			FRAPENN FRANIGR ACESACC
2	Sub-canopy			
3	Understory			
4	Ground Cover			

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

Stand Composition					BA
Size Class Analysis	<10 cm	D	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm		10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm		10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion:
Series	
Ecosite	Complex:
Type	

- in field, isolated feature
- moist forest
- near turbine 12 (Feb 29/12)
- near turbine A14 (March 23/12)
- near turbine 15 (March 30/12)
- small upland portion along southern portion of woodlot
- young forest
- deer trail along edge
- chimney crayfish along edge

103

EDU 1028

LGL

ELC Assessment	Site: East Durham	Polygon: SWD51	Surveyors: JCN
	TA#: 819	Date: Feb 29/12	

May 15/12

Layer: 1 = canopy >10m 2 = sub-canopy 3 = understory (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACESACC	A				Impcapu				O	RANACR				R
ACESPEN	R				MYVPYS				O	RANPAGR				R
ARLBALS		A	O		Dunaw EFD				R	SPIALBA			R	
ACERUBR	D				JUNTEN?				R	ROSASP			R	
AROMEA					LONCANA					RANHISP				R
BETALLE	O	R			WTURNI	K				RUMCRIS				R
BIDFRON					LYCUNIF				R	RUBPUB				R
CARVULP					LEMMIN				R	SALIXSP			A	
CIC bulb					Leather leaf			A		SOLDULC				O
CRAT SP			R		MITREPE				R	STUSLAVE				A
CORSERI			O		MINSTRAL				R	Sphagn				R
CARCRIN				A	MIMRING				R	[illegible]				R
CALYGRACI										THU OCCI		R	R	
DRYCRIS				R						TYPLAT				R
DRYCARI										[illegible]				R
BIDFRON					ONOSENS				O	[illegible]			R	
EQUARVE					OSMREGA					[illegible]				O
EQUSYLV					PRUSERO	R				ULMAMER	O			
CONMAJA					PHAARUN				A	SOLIDATI				R
FRAPENN	D				Poaceae	R				SOLEPIL				R
FRANIGR	D				potten	R								
GLYSTRI					BT PALU				R	Smilacina			D	
GEUM SP				R	POG PAUD				R	[illegible]				O
Eriopaul										VACMYRT			R	
Gold thread										VIBLENT			O	
Lycopus														
GYM DRYO										~~[illegible]~~				

Note: Number in circle indicates sample number of sample taken.

- Sandy moss
  wet in May 16/12
- kill deer, gold finch
  photo 253

July 18/12
Carex pigo [illegible] photo 744-746
↳ [illegible]

- ~~[illegible]~~ chokeberry
- ~~Oak fern~~ / ~~Royal~~ / [illegible]

[illegible] forced Blueberry

UNIT # 104

EDU1028

LGL

ELC Assessment	Site: East Durham	Polygon: FOD5	Surveyors: JCN
	TA#: 8/19	Date: Feb 29/12	

Nov 15/12
March 22/12
July 6/12

Layers: 1 = canopy >25m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESACA	D				Impcap									
ACEPENN					GEUCANA									
ACTAPALA										RANREW				
ACTRUP					[redacted]					RANACR				
ACERUBR					GALTETR					RUMCRISP				
BETALLE					LAPCOMM					Solidal			D	
AMELANC										ATBCYMO				
										~~Grass sp~~				
										SOLLYC				
CORRED			R		MALPUM					Solduli				
CORNUT					MALBACC									
CARCX sp					MATSTRU				R					
CALLTRIA					TIA CORD					TRADIA				
DRYCARI										TRICAN				
FALLGRAN										TRIRED				
										TIACORD				R
ERYANGR				D										
					PRUSERO	A				ULMAMER				
GALMOLL					POPTREM									
FRAAMER	J		O		PRUMIS				—					
FAGGRAN	R				Rosa sp									
FRAAMR					PARTHER					VERCHAM				R
GERROBE				A	POLACRO					ViolaCANA				
GEUCANA										VIOSP				
GEUDIO										Viola PAL				
[illegible]										[illegible]				
GINSEN										VIOPUB				

Note: Number in circle indicates sample number of sample taken

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial	☐ Organic	☐ Lacustrine	☐ Open	☐ Lake
☐ Wetland	☐ Mineral Soil	☐ Riverine	☐ Shrub	☐ Pond
☐ Aquatic	☒ Parent Mineral	☐ Bottomland	☐ Treed	☐ River
Site	☐ Acidic Bedrock	☐ Terrace	**Plant Form**	☐ Stream
☐ Open Water	☐ Basic Bedrock	☐ Valley Slope	☐ Plankton	☐ Marsh
☐ Shallow Water	☐ Carbonate Bedrock	☒ Tableland	☐ Submerged	☐ Swamp
☒ Surficial Deposits		☐ Rolling Upland	☐ Floating-leaved	☐ Fen
☐ Bedrock		☐ Cliff	☐ Graminoid	☐ Bog
History		☐ Talus	☐ Forb	☐ Barren
☒ Natural		☐ Crevice/Cave	☐ Lichen	☐ Meadow
☐ Semi-natural		☐ Alvar	☐ Bryophyte	☐ Prairie
☐ Cultural		☐ Rockland	☐ Coniferous	☐ Thicket
		☐ Beach/Bar	☐ Mixed	☐ Savannah
		☐ Sand Dune	☐ Deciduous	☐ Woodland
		☐ Bluff		☐ Forest
				☐ Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			Sugar maple forest
2	Sub-canopy			sugar maple
3	Understorey			Viola sp
4	Ground Cover			

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

Stand Composition						BA	
Size Class Analysis	<10 cm	O	10-24 cm	A	25-50 cm	N	>50 cm
Standing Snags	<10 cm		10-24 cm		25-50 cm		>50 cm
Deadfall/Logs	<10 cm		10-24 cm		25-50 cm		>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class		Inclusion	
Series			
Ecosite		Complex	
Type			

- near AH9 of Feb 28/29 mapping
- contains areas with vernal pockets
- This turbine location was added by Tim last night
- down woody debris - no standing snags
- Contiguous forest with Turbine 12 (Feb 29) + AH1 (March 22)
  - Turbine 15 (March 30/12)
- [redacted]
- large pond in woodlot near Turbine 12 (Feb 29)

(P) 220 - 222
- little to no understory
- mature forest
- groundhog evidence
- killdeer in field on March 22 2012

~~Farm Flower~~ ~~Herbaceous~~ TIACORD
GALTETR
mustard yellow
- spring peepers

NO GINSENG
July 18/12

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☒ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☒ Open ☐ Scrub ☐ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☒ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site	Plant Form
☒ Open Water ☐ Shallow Water ☐ Surficial Deposits ☐ Bedrock	☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous

History
☐ Natural ☐ Semi-natural ☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy			
2 Sub-canopy			
3 Understorey			
4 Ground Cover			

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

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	G=	O=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

- near leopard frogs + spring peepers. (March 22/12)
- pond surrounded by ~~trees~~ silver maple
- mallards
- geese in pond
- snow cover during Feb visit
- near turbine 12 (Feb 29) + Alt 1 (March 22/12)
  turbine 15 (Mar 15)

105

EDU 1028 (P) 2A

LGL

ELC Assessment	Site: East Durham	Polygon: OAO	Surveyors: JCN
	TAB: 5/9	Date: Feb 29 / March 22	

Layers: 1 = canopy; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACE SAC					IMPCAP									
POTOCK					IRIVER									
ASCINCA										RUMCRIS				
					LEMMIND									
					LEMTRIS									
										SOLDUL				
										SOLDULC				
CORSTOL					MYRSPE					SMAB				
CAREX/SP										SISUPR				
CARCRIN										SAGLAT				
										THEPALU				
BRICRIS										THAPUBE				
					ONOSAN									
					RHAMN					TYPHAEL				
POLYSTI										VERNAPON				

Note: Number in circle indicates sample number of sample taken.

Photo 2DV 38-39

Leopard frog June 27/12 March 22/12

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Barrenland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Scrub ☐ Treed **Plant Form** ☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy		—	
2	Sub-canopy		—	
3	Understorey		4	Willow
4	Ground Cover		4	Sphagnum

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

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

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	8"	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class:	Inclusion:
Series:	
Ecosite:	Complex:
Type:	

Unit 10b

LGL

ELC Assessment	Site:	Polygon: SWT 3+2	Surveyors: JCN
	TAN: 8119	Date: MAY 15/12	

Levels: 1 = canopy >10m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover
Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

July 24/12 AU68/12

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
AGTLRNCE				O	IRIVERS				O					
ASCINA				R										
ACE RU			R		JUNCANA				A					
					JUNTENU				A					
					JUNEFFU				A					
					LARLARI	R			A					
CICMACU					LOBKALM				O	SAUSUAV				
CHLGLAB				R	LIPARIS LES				R	SALPETI			D	
CARINTE					LYCUNI				O	Sphagnum				O
CORSTOL			A		MENPED				O	SOLRUGO				O
CAR BEBOO										SCIATRO				R
CAR FLAV										SALBEBB			D	
CAR Z										SALLUCI			D	
CAR LIMO				D	NASOFFI				R	SALERI			D	
DRYCART										SCUEPIL				R
										SCIcyPO				R
EQU PALU				D						SPIALBA			R	
ERIVIRI					Poplars	R								
EUPMACRO					POTANE				A					
EUPPERF					POPDELT		R							
					PRUCUM				R					
GLYSTRI										VIOLDOT				
THELYPTP									-	cottingiana				
										Tomentosa				

narrow leaves

droop

hairy stems

one single spike

Note: Number in circle indicates sample number of sample taken.

- ~~needs a supplement~~
- Pond inclusion - freely water
EDU 10a8

- oppo Spet frame boardwalk Check web.
- Raguet A
- photo very trodded violet Tile lvs
- willow thicket

- FEN indicator species present

YEP. Photo

unit 107

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Plantation ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Fern ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy	2	A	LAR LARI
2	Sub-canopy			
3	Understorey	5	D	
4	Ground Cover			

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

Stand Composition					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm		>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm		>50 cm
Deadfall Logs	<10 cm	10-24 cm	25-50 cm		>50 cm

S=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	E	G
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

ELC Assessment	Site:	Polygon: CUP3-5	Surveyors:
	TA#: 8119	Date: MAY 15/12	JCN

Layers: 1 = canopy >10m 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
FST LATR														
FSC PYRI														
ACH MILL										RUB HIRT				R
AGR GRIP										RUB PAE			O	
										RIB CYNO			R	
					LAR LARI	D				RAN ACRI				R
CIR LUTE										SSI CAMA				O
CAR GRAC										SOL DULC				O
CORALTI			A		MALPUMI		R			SOR DECO				
CEN NIGR														
CIT VULG														
CAR PLAT										THU OCCI	R			
DAC GLOM										TAROFFI				R
DAN CARO														
					OXASTRIC									
EQUARVE				R										
SAMELE				A	PRUVIRG			A						
ELYREPE				R	POT ~~SIMPRECT~~				R					
FRA VIRG				O	POP TREM	R	R	O						
					PRUSERO	O		R						
					PRU VULG			O						
GEU CANA				A	PLAMAJO					VIB LENT			R	
GEU MER				O	PLA LANCE					VIO PUBE				O
GAL MULO										VIO SORO				O
										UMB MAC			A	

Note: Number in circle indicates sample number of sample taken.

EDU# 1328
-upland

drop

CAR GRAC

mowed area

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy			
2 Sub-canopy			
3 Understorey			
4 Ground Cover			

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

Stand Composition					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	B=	G=
Moisture	Depth of Organics		
Homogeneous Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

unit 108

LGL

ELC Assessment	Site: East Durham	Polygon: SWT3-8	Surveyors: JCN
	TAB: 8119	Date: May 15/12	

Layer: 1 = canopy >10m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

July 24/12

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACERUBR	D				IRLVERS									
ASCINCA				R	IMPCAPE									
					LYCAMER									
					LYCUNIF					SPIALBA				
					LEECORZ					SCIATRO				
										Salix lucida			D	
										Sphagnum sp				
CORSERI					MUNRING					SIUSUAV				
CHRLEUC					MONARDE					Solepil				
CARBeb										SALBebb				
CARRETO										SCICYPE				
CARIMTU										SALERIO				
EUPPERP														
					POTANSE					VIMAMERR				
					PLAMAJO									
					Popbals	R								
					Polprat									
					Polhydr									
GLYSTRI					Prodnn									

column drop

Note: Number in circle indicates sample number of sample taken.

- actively grazed around perimeter
- open water
- photo 173
- EDU1328

July 24/12
- willow thicket swamp SWT
- changed boundary

unit 109

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m; 2 = 10<HT≤25m; 3 = 2<HT≤10m; 4 = 1<HT≤2m; 5 = 0.5<HT≤1m; 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none; 1 = 0<CVR≤10%; 2 = 10<CVR≤25%; 3 = 25<CVR≤60%; 4 = >60%

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

ELC Assessment	Site:	Polygon:	Surveyors:
	TA#: 8119	Date: May 15/12	JCN

AUG 8/12

Layers: 1 = canopy >25m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACERUBR	D				IRIVERS					RIBLUND			R	
ASCINCA										SPIALBA			R	
ASTLONCIL					JUNEFFU				R	RANACRI				R
					JUNTEN				R	RANREPE				R
										SYMPUBE			R	
					LICUMIF				R	STRPUM				R
					LYCAMER				R	SCICYPE				O
										Sphagnum sp				R
										SCIATRO				O
CAR SP.				D	MENARAL					SALDISC			R	
CORSERI										SALLUCI			R	
CHLGLAU										SOLRUGO				R
CALCANA										TARDEFI				R
										THUOCCI		O		
EPISTRI										THAOIDI				R
EPIGLAN					ONOSEN S.					TYPANGU				R
EQUARVE														
Eleocharis					Typhaals	O				Ulmamer	R			
EUPMACU					POTANDE				A					
EUPPROLIF				A	PHAARUN				R					
EUTGRAM				O	PRUVULG				O					
FRAVIRG				O	PLAMAJO				R					
GLYSTRI				R						Viosp.				R
FRAPENN			R											
GALFERE				R										

Note: Number in circle indicates sample number of sample taken.

MAMZ/SWD4 photo 161-162

EDU1328

- boundary changed b/c actively graded.
- highly disturbed

(opportunistic)