APPENDIX 2

Data Collection – Data Glossary, Plot Center Map, Species Codes, and Spreadsheet

Data Collection Sheet Glossary

The field data survey took place from May to June in 2010. Information was collected along a plot transect grid system. Plot transect lines were laid out in an approximately north/south axis with plot sampling taken every 1000 feet. Parallel transect lines were 500 feet apart. Longitude and latitude for each plot location, as collected using a handheld GPS unit, are recorded in Appendix II. In all, information was gathered at 53 plots. The information following presents the data recorded at each plot center.

Plot #: Refer to plot transect map for plot locations and to plot sheet showing longitude and latitude taken at the plot center with a hand-held GPS unit

Previous Plot: Indicates the direction from the previous plot

Date: Date of collection

Field Notes: Notable features and changes from previous plot

Vegetation
Plot Type: Classification of plot by mix of tree species

Trees: Species noted at plot center within a 40-meter diameter

See species code index on the following pages.
Species codes in bold face denote a high incidence

Emergent: Tree species whose crowns are above the average tree top layer

High Canopy: Tree species whose crowns form the average tree top layer

Low Canopy: Tree species whose crowns are just below the average tree top layer

Age Class: Estimated age of trees in each canopy position in 20-year increments

Avg DBH: Average Diameter at Breast Height (DBH, 4.5 feet above ground) of trees

Sapling: Tree saplings (from 1- 4 inches DBH) found in an approximate 15-meter radius from the plot center and characterized by their relative density (H=High, M=Medium, L=Low)

Seedling regeneration: Species of tree seedlings within about eight meters of the plot center

Disease: Presence of the following diseases or pests on woody vegetation
Birches: nectria fungus
Beech: (BBD) beech bark disease

Canopy cover: Percent of open sky covered by tree crowns at approximate plot center (as estimated at full leaf-out)

Basal area: As measured in square feet using a 10-factor prism

Invasives: Non-native plant species

Trees outside plot: Notable tree species outside of plot

Shrubs: Shrub species within an 8-meter radius of plot center

Open ground: Amount of open ground (free of low tree or shrub branches) by occurrence. The assignment of values of Low (L), Medium (M) and High (H) are relative terms of abundance based upon our years of data collection experience.

Vegetation comments: Evidence of past harvesting or land use as well as any noteworthy features in or observations about the plot

Wildlife

Features: Within 40 meters of plot center. The assignment of values of Low (L), Medium (M) and High (H) are relative terms of abundance based upon our years of data collection experience.

Edge: The zone between open land and forest
Cavity: Holes in trees
Snag: Number of dead, standing trees from 0 to 4+
Mast: Nuts
Forage: Browse
Water: Standing or flowing water
Cover: Protective plant cover
Stem Density: Density of trees

Woody Debris: Measured (H=High, M=Medium, L=Low) for diameters <6 inches and > 6 inches using visual observations based on relative

amounts of woody debris typical to Connecticut woodlands

Species List: Presence of sign for deer and squirrels and other species

Wildlife Comments: Observations regarding presence or absence of wildlife

Soil and Site Information:
Drainage: Soil drainage capability rated as poor, moderate, well or excessive

Surface: Surface rockiness rated as ledge, very stony, stony, mostly clear or clear

Depth: Soil depth rated as shallow to bedrock, shallow to water, moderate or deep

Slope: Slope of the ground rated as flat, <5%, 5-10%, 10-15% or >15%

Aspect: Direction the plot center faces (flat slopes have no aspect)

Hydro/Geo comments: Plot observations

SPREADSHEET SPECIES CODES

TREES

CODE	COMMON NAME
AMB	BEECH, AMERICAN
BIH	HICKORY, BITTERNUT
BLA	ASH, BLACK
BLB	BIRCH, BLACK
BLC	CHERRY, BLACK
BLL	LOCUST, BLACK
BLG	BLACKGUM
BLO	OAK, BLACK
BLW	WALNUT, BLACK
CHC	CHOKE CHERRY
CHO	OAK, CHESTNUT
EAH	HEMLOCK, EASTERN
FLD	DOGWOOD, FLOWERING
GRB	BIRCH, GRAY
HHB	HOPHORNBEAM
HOB	HORNBEAM
MOH	HICKORY, MOCKERNUT
PIH	HICKORY, PIGNUT
PIO	OAK, PIN
REC	CEDAR, RED
REM	MAPLE, RED
REO	OAK, RED
SAS	SASSAFRAS
SCO	OAK, SCARLET
SHB	SHADBUSH
SHH	HICKORY, SHAGBARK
SUM	MAPLE, SUGAR
SWO	SWAMP WHITE OAK
WHA	ASH, WHITE
WHO	OAK, WHITE
WHP	PINE, WHITE
YEB	BIRCH, YELLOW
YEP	POPLAR, TULIP

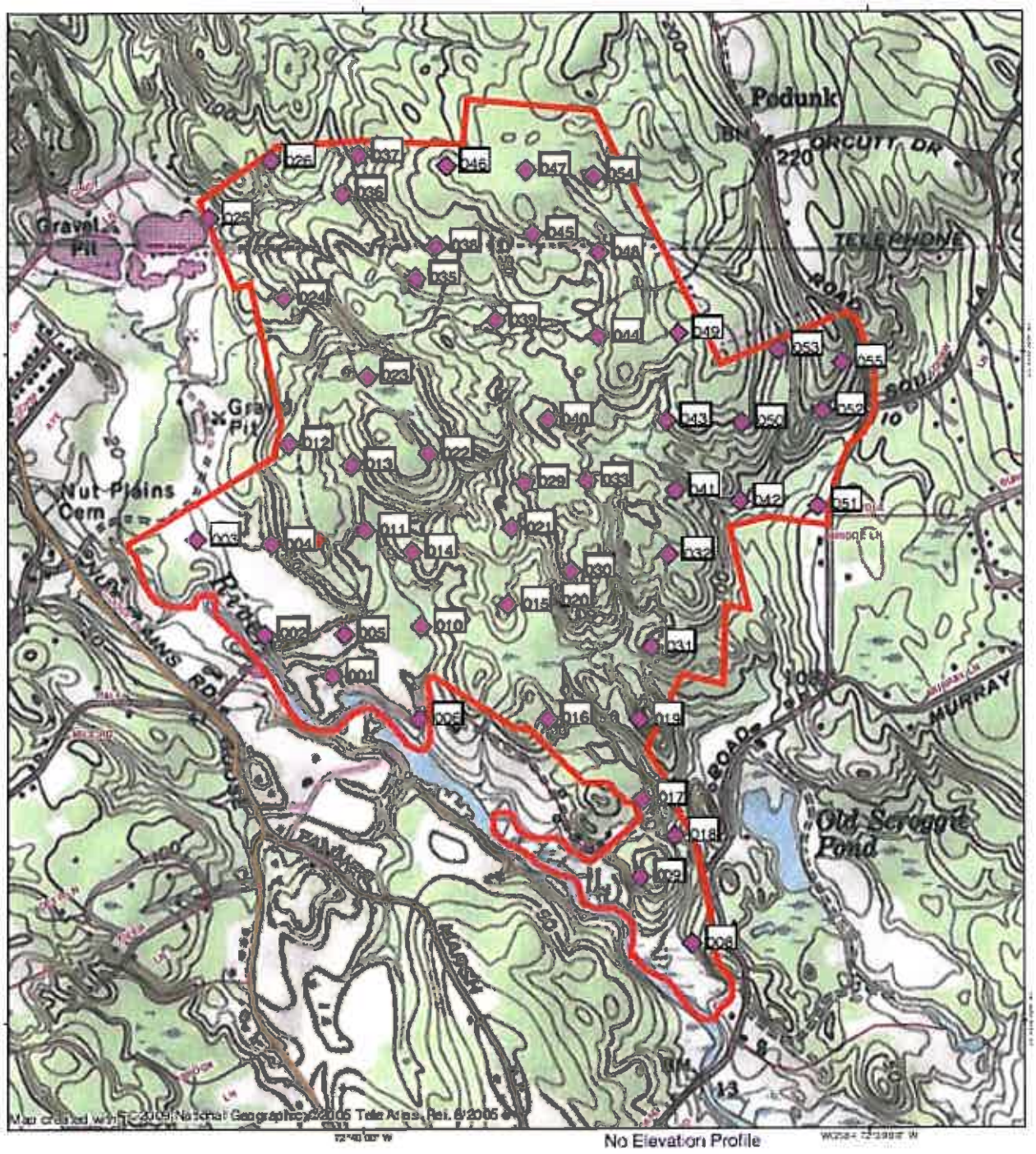
SHRUBS

CODE	COMMON NAME
AWD	ARROWWOOD, N.
BRR	BRIAR
BAB	BAYBERRY
COJ	JUNIPER, COMMON
GRB	GREENBRIAR
GRP	GRAPE
HBB	BLUEBERRY, HIGHBUSH
HUC	HUCKLEBERRY
LBB	BLUEBERRY, LOWBUSH
MTL	MOUNTAIN LAUREL
PIA	AZAELA, PINK
SPB	SPICEBUSH
SWP	PEPPERBUSH, SWEET
SWF	SWEETFERN
WIB	WINTERBERRY
WIH	WITCHHAZEL

INVASIVES

CODE	COMMON NAME
BAR	BARBERRY
BIS	BITTERSWEET
BUB	BURNINGBUSH
MFR	MULTIFLORA ROSE
RUO	RUSSISAN OLIVE
WNB	WINEBERRY

PLOT DATA GATHERING POINTS



Plot Locations

GPS Name	Latitude	Longitude	Elevation
001	41°18.517' N	72°40.061' W	20 ft.
002	41°18.579' N	72°40.195' W	2 ft.
003	41°18.721' N	72°40.331' W	19 ft.
004	41°18.714' N	72°40.182' W	58 ft.
005	41°18.579' N	72°40.038' W	19 ft.
006	41°18.453' N	72°39.891' W	51 ft.
008	41°18.117' N	72°39.353' W	53 ft.
009	41°18.217' N	72°39.454' W	65 ft.
010	41°18.590' N	72°39.888' W	41 ft.
011	41°18.734' N	72°39.996' W	88 ft.
012	41°18.863' N	72°40.147' W	113 ft.
013	41°18.831' N	72°40.024' W	89 ft.
014	41°18.702' N	72°39.904' W	102 ft.
015	41°18.623' N	72°39.716' W	94 ft.
016	41°18.452' N	72°39.637' W	89 ft.
017	41°18.333' N	72°39.451' W	72 ft.
018	41°18.278' N	72°39.387' W	37 ft.
019	41°18.451' N	72°39.457' W	118 ft.
020	41°18.629' N	72°39.636' W	143 ft.
021	41°18.737' N	72°39.709' W	115 ft.
022	41°18.848' N	72°39.873' W	106 ft.
023	41°18.963' N	72°39.993' W	161 ft.
024	41°19.080' N	72°40.156' W	119 ft.
025	41°19.201' N	72°40.305' W	96 ft.
026	41°19.286' N	72°40.181' W	149 ft.
029	41°18.805' N	72°39.683' W	167 ft.
030	41°18.673' N	72°39.593' W	180 ft.
031	41°18.560' N	72°39.432' W	135 ft.
032	41°18.698' N	72°39.398' W	165 ft.
033	41°18.807' N	72°39.560' W	147 ft.
035	41°19.110' N	72°39.898' W	162 ft.
036	41°19.237' N	72°40.041' W	172 ft.
037	41°19.293' N	72°40.010' W	162 ft.
038	41°19.158' N	72°39.856' W	132 ft.
039	41°19.046' N	72°39.739' W	4 ft.
040	41°18.898' N	72°39.638' W	192 ft.
041	41°18.793' N	72°39.384' W	175 ft.
042	41°18.777' N	72°39.257' W	206 ft.
043	41°18.898' N	72°39.402' W	170 ft.
044	41°19.024' N	72°39.538' W	219 ft.
045	41°19.176' N	72°39.665' W	215 ft.
046	41°19.278' N	72°39.837' W	213 ft.
047	41°19.271' N	72°39.679' W	236 ft.
048	41°19.148' N	72°39.535' W	169 ft.
049	41°19.027' N	72°39.377' W	209 ft.
050	41°18.894' N	72°39.253' W	177 ft.
051	41°18.769' N	72°39.104' W	168 ft.
052	41°18.912' N	72°39.093' W	167 ft.
053	41°19.003' N	72°39.182' W	176 ft.
054	41°19.262' N	72°39.545' W	168 ft.
055	41°18.984' N	72°39.055' W	218 ft.
056	41°19.028' N	72°39.743' W	201 ft.

EECOS DATA COLLECTION SHEET

East River Preserve

Plot # _____ Prev. Plot # _____ Plot Tree _____ By _____ Date _____

Field Notes: notable features and changes from previous plot _____

_____

_____

_____

Vegetation:

___ Oak/Hardwood	___ Oak/Hickory	___ Upland Oak	___ Mixed Hardwood
___ Northern Hardwood	___ Hardwood/Softwood	___ Softwood	___ Wooded Swamp
___ Shrub Swamp	___ Shallow Marsh/Sedge Meadow/Wet Pasture		___ Emergent Marsh
___ Stream/Seep	___ Tidal Marsh	___ Old Field	___ River Floodplain

Trees (Using 10 factor prism – dbh)

Emergent	High Canopy	Low Canopy	Sapling
Age Class _____	Age Class _____	Age Class _____	
Avg DBH _____	Avg DBH _____	Avg DBH _____	L/M/H

Regeneration – Species: L/M/H (w/in 8 meters diameter) _____

Disease _____ Canopy Cover(%) _____ Basal Area _____

Invasives: L/M/H _____

Additional Tree Species (outside plot area)

_____	_____
_____	_____
_____	_____

Shrubs (w/in 8 meters diameter)

	L/M/H Cover		L/M/H Cover
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Open Ground (%)	_____		

Veg. Comments: _____

_____

_____

_____

Wildlife

Features (w/in 40 meters diameter)	Comment
Edge: Y/N	
Cavity: 0,1,2,3,4+	
Snag: 0,1,2,3,4+	
Mast: L/M/H	
Forage: L/M/H	
Water: Y/N	
Cover: L/M/H	
Stem Density: L/M/H	
Woody Debris: L/M/H	___<6" ___>6"

Species List (direct observation or sign)

Squirrel sign ___ Y ___ N

Deer sign ___ Y ___ N

Wildlife Comments

Soil & Site Information

Drainage:	__ poor	__ moderate	__ well	__ excessive			
Surface:	__ ledge	__ very stony	__ stony	__ mostly clear	__ clear		
Surface Depth:	__ shallow to bedrock	__ shallow to hardpan/water	__ moderate	__ deep			
Slope:	__ flat	__<5%	__5-10%	__10-15%	__>15%		
Aspect:	__N	__NE	__E	__SE	__S	__SW	__W	__NW

Hydro/Geology Comments

		EMERGENT			HIGH CANOPY							LOW CANOPY							POLE/SAPLING						
PLOT #	PLOT TYPE	AGE	DIAM (DBH)	SPECIES	AGE	DIAM (DBH)	SPECIES					AGE	DIAM (DBH)	SPECIES					SPECIES						
1	OAK/HARC											40-60	10	BLC	BLO	REO	REC		SHG	FLO	BLB	BLC			
2	WX HARD				80-100+	22	BLL	REM	REO			40-60	12	WAH	BLL	BLC	REO		REM	SHH					
3	FIELD																								
4	OAK/HARC				80-100	20	PIH	BLO	BLB	REM	SUM	WHO		40-60	10	REM	WHO	BLB			SUM	HOB	FLO	BLB	MOH	
5	FIELD																								
6	OAK/HARC											20-40	6	REC	WHO	BLC	BLO	BLB	SCO	BLO	AMB				
7	NO DATA																								
8	UPOAK				80-100+	18	BLO	BLB				40-60	8	SUM	BLO	WHO				WHO	BLC	REO	BLB		
9	UPOAK				80-100	18	PIO	BLO	WHO			40-60	12	PIO	WHO	WHP	BLB			PIO	WHO	REM	SAS		
10	MX HARD				80-100	18	REM	SUM	BLO	REO	WHO	40-60	4	BLG	SAS	YEP	REM			BLG	SAS	BLG			
11	OAK/HARC				80-100	18	REO	BLO	WHO	YEB		40-60	6	BLB	AMB	WHO				REM	AMB	BLG	SAS		
12	OAK/HARC				80-100	20	WHO	BLB	REO			20-40	6	BLB	SAS	AMB	BLO			REM	AMB				
13	OAK/HARC				80-100	7	REO	REM	SWG			20-40	4	REO	REM	SWG	PIH			BLG	AMB	REM			
14	OAK/HARC				60-80	14	AMB	REO	WHO	SCO		20-40	6	AMB	BLB					AMB					
15	OAK/HARC				60-80	14	REO	AMB	SCO	BLB	CHO	60-80	8	BLB	REO					AMB	SCO	REO			
16	OAK/HARC				40-60	12	WHO	BLB	REO	MOH		40-60	8	BLB	MOH					HHB	BLB	HOB			
17	OAK/HARC				100+	24	BLO	REO	WHO	SCO		40-60	10	BLB	SHH	WHO				REM	AMB	HOB			
18	OAK/HARC				80-100	24	AMB	BLB	WHO	REO	BLO	40-60	14	AMB	BLB	WHO				AMB					
19	OAK/HARC				80-100	18	REO	AMB	WHO	BLB	SUM	BLO	SCO	40-100	12	AMB	BLB	BLO			AMB	SUM				
20	OAK/HARC				80-100	20	CHO	WHO	AMB			80-100	8	CHO	BLO	REM	WHO								
21	OAK/HARC				60 80	14	CHO	REO	SCO			?	6	CHO	PIH					SHH	HHB	REO	CHO	BLB	
22	OAK/HARC				80-100	18	CHO	AMB				?	8	BLB	AMB					AMB					
23	WOODSWP				100+	18	REM	REO				?	8	REM											
24	OAK/HARC				60-80	18	WHO	REO	AMB			20-40	6	BLB	YEP	AMB	REM			BLB	AMB				
25	MX HARD				80-100	20	REO	BLB	WHO	AMB	SUM	20-40	4	AMB						AMB					
26	OAK/HARC				80-100	20	BLO	REO	WHO			40-60	?	WHO	REO	AMB	REM			AMB					
27	NO DATA																								
28	NO DATA																								
29	OAK/HARC				60-80	14	BLO	CHO				60-80	8	WHP	CHO					BLB					
30	OAK/HARC				60-80	14	CHO	REO	SCO			60-80	14	SUM	WHO	CHO	REM			CHO	AMB	BLB			
31	OAK/HARC				60-80	12	REO	SCO	WHO											BLB	MOH	HOB			
32	OAK/HARD				60-80	18	REO	AMB				60-80	10	AMB	REO					AMB					
33	OAK/HARC				60-80+	14	WHO	REO	BLO	BLB	AMB	60-80	8	EAH	AMB	WHO	REO	BLO		REO	AMB	MOH	BLB		
34	NO DATA																								
35	OAK/HARC				60-80	12	REM	AMB	BLB	WHO	REO	40-60	6	REO						AMB	BLO	REM	SAS		
36	OAK/HARC	80-100	26	YEP	80-100	18	REO	REM	BLO	PIO	WHO	AMB		40-60	10	REO	AMB	BLB	REM	PIO	AMB				
37	OAK/HARC				80-100	20	REO	BLB				40-60	8	REM	AMB					AMB					
38	POWERLINE																								
39	OAK/HARC				100+	24	REO	YEP				60-80	16	AMB	BLO	REO	REM			AMB	YEP	BLB			
40	OAK/HARC				80-100	16	REO	WHO	PIO			20-40	8	PIO	AMB	BLB				BLB	AMB	PIO			
41	OAK/HIC				60 80	?	REO	PIH				40-60	?	WHO	MOH	SHH	REO	AMB		AMB	MOH	HOB	HHB		
42	OAK/HARC				60-80	16	YEB	AMB	REO			20-40	6	AMB	REO					AMB					
43	OAK/HARC				80-100	18	PIO	AMB	REO	BLB	BLO	REM		40-60	8	AMB				AMB					
44	OAK/HARC				80-100	18	WHO	AMB	REO					40-60	12	AMB	REM			AMB					
45	OAK/HARD				80-100	20	REO	WHO	BLB	BLO				40-60	12	AMB	MOH			AMB					
46	OAK/HARC				80-100	18	REM	YEP	SWG	BLB	REO	SCO		20-40	8	REM	AMB			AMB					
47	OAK/HARC				80-100	20	WHO	BLB	REO	AMB	REM	BLO	SCO	20-40	8	AMB	REM	WHO		REM	AMB				
48	POWERLINE																								
49	OAK/HARC				80-100	18	SCO	BLO	REO			40-60	6	REM	AMB					AMB	WHO	REO	FLO		
50	OAK/HARC				80-100	18	BLO	REO	SCO			20-40	8	WHO	MOH	AMB	BLB			AMB	BLB	REO			
51	OAK/HARD	100+	30	REO	YEP	80-100	18	YEB	SUM											AMB	HHB	HOB	BLB		
52	OAK/HARC					60-80	16	AMB	REO	SUM	YEP	REM	WHA	WHO	40-60	8	SUM	BLB	SHH	YEP		AMB	BLG	BLB		
53	OAK/HARC	80-100	28	YEP		60-100	18	REO	SWG	BLB					80-100	10	REM	AMB	YEB	REO		BLB	AMB	REM	GRB	YEB	HHP	HOB
54	OAK/HARC					80-100	?	MOH	REO	AMB	REM	WHO			40-60	8	REM	BLB	SCG	BLO	CHO	AMB						
55	OAK/HIC					60-80	12	REO	MOH	SHH					20-40	6	MOH	WHO	SHH			HHB						
56	FLDPLAIN					120+	28	YEP	SHH	BLB	REM	BLO	WHA	WHP	?	?	BLG	REO	REM			SHH	REM	WHO	REC			

PLOT #	EDGE	CAVITY	SNAG	MAST	BROWSE	WATER	COVER	STEM DENSITY	WOODY DEBRIS <6"	WOODY DEBRIS >6"	SQUIRREL	DEER	WILDLIFE COMMENTS	DRAINAGE	SURFACE	DEPTH	SLOPE	ASPECT	HYDROLOGIC COMMENTS
1	NO	0	1	M	L	YES	M	H	L	-	NO	YES		WELL	CLEAR	MODERATE	5 TO 10	SW	Outwash
2	YES	0	1	L/M	L	NO	M	H	M	H	NO	NO		WELL	M CLEAR	DEEP	>15	W	
3	NO	0	0	C	0	C	C	C	C	H	NO	NO		WELL	CLEAR	DEEP	<5	W	Outwash
4	YES	1	0	H	L	NO	L/M	M	L	M	NO	NO		WELL	STONY	MODERATE	10 TO 15	W	
5	NO	0	0	0	0	NO	NO	0	0	0	NO	NO		EXCESSIVE	CLEAR	DEEP	FLAT	NONE	
6	NO	0	0	L/M	L	NO	M	M	L	-	NO	NO		EXCESSIVE	CLEAR	DEEP	15+	S	Outwash
7																			
8	NO	0	0	M	L	NO	L	M	L	-	NO	NO		EXCESSIVE	STONY	5ft to BED	>15	SW	
9	NO	0	0	M	L	NO	L	L/M	L	-	NO	NO		EXCESSIVE	STONY	DEEP	5 TO 10	S	
10	NO	0	0	-	M	YES	M	H	L	L	NO	NO		MODERATE	M CLEAR	5ft TO H2O	FLAT	S	Wetland edge
11	NO	1	0	H	L	YES	M/H	H	M	L	NO	NO		WELL	STONY	WOODERATE	5 TO 10	E	
12	NO	0	0	M	L/M	NO	M	M	L	L	NO	NO		WELL	STONY	MODERATE	FLAT		
13	NO	0	0	M	L/M	YES	M	M	M	M	NO	YES		POOR	STONY	5ft to BED	FLAT		
14	NO	2	2	M	L	NO	L/M	M	M	M	NO	YES		WELL	V STONY	MODERATE	5 TO 10	W	
15	NO	0	0	H	L	NO	L/M	-	L	M	NO	NO		WELL	V STONY	5ft to BED	FLAT		
16	NO	0	2	H	L	NO	L	M	M	M	NO	NO		WELL	STONY	MODERATE	5 TO 10	SE	
17	NO	1	1	H	L	-	L	M	L	L	NO	NO		WELL	M CLEAR	MODERATE	5 TO 10	E	
18	NO	2	1	M	L	-	L	M	L	L	NO	NO		WELL	M CLEAR	MODERATE	>15	SW	Perennial stream
19	NO	1	0	H	L	NO	L	M/H	?	?	YES	NO		WELL	STONY	MODERATE	>15	W	
20	NO	0	0	M	L	NO	M	M/H	L	M	NO	YES		WELL	STONY	MODERATE	>15	E	
21	NO	0	0	H	L	NO	L	M	L	-	YES	NO		WELL	V STONY	MODERATE	5 TO 10	SE	
22	NO	0	0	M/H	L	NO	L	M	L	M	NO	NO		WELL	V STONY	5ft to BED	5 TO 10	E	Boulder ground moraine
23	NO	0	1	L	L	YES	L/M	L	L	L	NO	YES		POOR	STONY	5ft TO H2O	FLAT	W	Swale
24	NO	0	0	M	L	NO	L/M	M/H	L	L	NO	NO		MODERATE	V STONY	MODERATE	<5	W	Ripply knolls
25	NO	0	0	M	L	NO	L/M	H	M	L	NO	NO		WELL	M CLEAR	DEEP	FLAT		Outwash
26	NO	0	0	H	L	NO	L/M	M	H	H	NO	NO		MODERATE	STONY	MODERATE	FLAT		
27																			
28	NO	0	1	M/H	L	NO	L	M	M	-	NO	NO	Cedar savanna on field edge	WELL	STONY	MODERATE	5 TO 10	S	Dry site
29	NO	0	4+	M/H	L	NO	L	M	M	-	NO	NO		WELL	V STONY	MODERATE	FLAT		
30	NO	1	4+	M	L	NO	L	M	M	-	NO	NO		WELL	STONY	MODERATE	5 TO 10	E	
31	NO	0	0	H	L	NO	L/M	M	M	-	NO	NO		MODERATE	M CLEAR	MODERATE	FLAT		
32	NO	0	0	M	L	NO	L/M	M	M	L	NO	YES		WELL	V STONY	5ft to BED	FLAT		
33																			
34	NO	0	0	L/M	L	NO	L	M	L	-	NO	NO		WELL	STONY	OVER	10 TO 15	NE	Estuarine
35	NO	0	0	M	L	NO	L/M	M	L	-	NO	NO		WELL	STONY	MODERATE	10 TO 15	NE	
36	NO	0	0	M	L	NO	M	M	L	-	NO	NO		WELL	STONY	DEEP	10 TO 15	N	
37																			
38	NO	0	0	-	L	NO	L	M	L	-	NO	NO		WELL	STONY	MODERATE	FLAT		
39	NO	0	0	H	L	NO	M	M	L	M	NO	NO		WELL	STONY	MODERATE	5 TO 10	NE	Outwash?
40	NO	0	0	M/H	L	NO	M	M	M	M				WELL	STONY	MODERATE	<5	SE	
41	NO	1	-	M/H	L	NO	L/M	M	M	M				WELL	STONY	DEEP	10 TO 15	SE	
42	NO	0	0	M	L	NO	L/M	M	M	L	NO	YES		WELL	STONY	DEEP	5 TO 10	S	
43	NO	0	0	M	L	NO	M	M	L	-	NO	YES		WELL	V STONY	MODERATE	5 TO 10	W	
44	NO	0	0	M	L	NO	M	M	L	L				WELL	STONY	DEEP	5 TO 10	N	
45	NO	0	0	M	L	NO	M	M	L	M				WELL	V STONY	MODERATE	5 TO 10	SW	
46	NO	2	1	M	L	NO	L	M	M	H				WELL	V STONY	MODERATE	5 TO 10	SW	
47	NO	1	-	M	L	YES	L/M	M	M	H				POOR	V STONY	5ft TO H2O	FLAT		
48																			
49	NO	0	0	M/H	L	NO	M	M	L	-	NO	NO		WET	STONY	MODERATE	<5	S	Dry site
50	NO	0	0	H	L	NO	L/M	M	L	M	NO	NO		WELL	STONY	MODERATE	<5	S	Maple
51	NO	0	0	H	L	NO	L/M	?	L	-	NO	NO		WELL	STONY	MODERATE	<5	E	
52	NO	3	0	M	L/M	YES	L/M	M	L	M	NO	NO		POOR	V STONY	5ft TO H2O	FLAT		
53														POOR	V STONY	5ft TO H2O	FLAT		Stream floodplain
54	NO	0	0	M	L	YES	L/M	M	L	M	NO	NO		WELL	STONY	DEEP	FLAT		
55	NO	0	0	M	L	NO	L/M	M	M	M			Lack of woodpeckers throughout	WELL	STONY	MODERATE	10 TO 15	S	