



GAW Nov.4.10

- NOTES

 1. Coordinate System: UTM NAD 83 Zone 17 (N).

 2. Data Sources: Ontario Ministry of Natural Resources

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 Image Source: Grand River Conservation Authority

 © First Base Solutions, 2010 Imagery Date: Spring 20

 LIDAR IMAGERY SOURCE???

 4. Produced using the Version 3 site plan provided by Sar issued on October 18, 2010

Client/Project

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

Figure No.

FIELD MAP 6

TRANSMISSION LINE -MAPBOOK

Stantec	70-1 South			Asses	Habitat ssment
Project Number	61010646	party)	Project Nar	ne: Samsuns	
Date / Time:	v.4.10	The second	Field Perso	onnel: GAW	J
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rain

Reptile Hibernacula Features i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)

Does the site contain potential reptile hibernacula features?

Yes
No (if yes, describe details in Table 1).

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?
Yes
No (if yes, describe details in Table 1).

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed using feature
Tart El concorr	r Hall John ga			
19 - 1	: t-1		terva sanjuga lehipat	=

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO			- /	
	=-=			

Approx	cimate a	ge of st	and /	Matur	e				
						- 5			
If yes, a	approxim	ate # pr	esent or	% of s	stand <u>Fe</u>	w seer	etc) <u>Fro</u>	n edge	
If yes pro	ags pres ovide chara oose bark al large	acterizatio	n of numb	oer pres		and DBH	of snags ar	nd indicate if	f they
Trees v	with cav	ities pre	esent? [] No [Rare	Occasi	onal Ab	undant No	me Seen
	The mon	Height r tree	anges of	Range DBH	e of Tree	Range Heigh	e of Cavity ts	Cavity siz (approx. diameter)	
		II STEEL		1 1 1				2 14	
		- N		ł				1	
		1111		4.50		1			
Preser	UTM and	rge stic I describ	k nests		or nests)? ight and p		□ No in tree, si	None ze of nest	*
Preser If yes, species	uce of la UTM and s present	rge stic d describ t sturban	k nests be tree ty	/pe, he	ight and p	osition		ze of nest	
Preser If yes, species Evider If yes,	uce of la UTM and s presen ice of di describe	rge stic I describ t sturban	k nests be tree ty	logging, r	ight and p	ATV use,	in tree, si	ze of nest	, o ,
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Preser If yes, species Evider If yes, Seeps	uce of la UTM and s present ce of di describe springs	rge stic describ t sturban Possi s preser UTM Present	k nests be tree ty ce? (i.e.	ogging, razed Yes Descr	ight and posterior oads, paths,	ATV use,	in tree, size trails)	Yes No Habitat Unkn	nknown
Preser If yes, species Evider If yes, Seeps Seep/Sp	ce of la UTM and s present ce of di describe springs ring #	rge stic describ t sturban Possi s preser UTM Present	k nests be tree ty ce? (i.e) hy qu nt? Yes	ogging, razed Yes Descr	oads, paths, No iption	ATV use,	trails) yes, Surrounding Presence of emergent/s	Yes No Habitat Unkn	nknown own Presence of

	ELC	SITE:	161010	2646		POLYGON: (17)
	OMMUNITY	SURVEY	OR(S):	SAW	DATE: NOV.	4.10	UTME:
	SCRIPTION & ASSIFICATION	START:		END	1 30	UTMZ:	UTMN:
<u>-</u>	LYGON DES	CRIPT	TION				
_	SYSTEM		TRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	
h	ERRESTRIAL VETLAND DUATIC	AND MINERAL SOIL TIC PARENT MIN. ACIDIC BEDRK. BASIC BEDRK. CARB. BEDRK.		LACUSTRINE RIVERINE, BOTTOMIAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND CLIFF	MATURAL CULTURAL	PLANKTON SUBMERGED FLOATING-LVD. GRAMINOID FORB LICHEN BRYOPHYTE DOCIDIOUS CONIFEROUS	LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN
	SITE			TALUS CREVICE / CAVE ALVAR	COVER	MIXED	MEADOW PRAIRIE THICKET
3	PEN WATER HALLOW WATER URFICIAL DEP EDROCK			ROCKLAND BEACH / BAR SAND DUNE BLUFF	OPEN SHRUB TREED		SAVANNAH WOODLAND FOREST PLANTATION
ij	AND DESCR	ИРТІО НТ	N: CVR	SPECIES (>> MUCH GREA	IN ORDER OF	DECREASING	OMINANCE BOUT EQUAL TO)
1	CANOPY	1-2	4	FRAPENN >	> Querco	S	
,	SUB-CANOPY	3	3	//	"		
١	UNDERSTOREY	4-5	3	"	1 5	W. LEWIS	
	GRD. LAYER CODES:	1=>25	m 2 = 10<	-1T-,25 m 3 = 2 <ht<10 r<="" td=""><td>n 4=1<ht-2m 5="</td"><td>0.5<ht.1 8="0.2<</td" m=""><td>17:0.5 m 7 = HT<0.2 m</td></ht.1></td></ht-2m></td></ht<10>	n 4=1 <ht-2m 5="</td"><td>0.5<ht.1 8="0.2<</td" m=""><td>17:0.5 m 7 = HT<0.2 m</td></ht.1></td></ht-2m>	0.5 <ht.1 8="0.2<</td" m=""><td>17:0.5 m 7 = HT<0.2 m</td></ht.1>	17:0.5 m 7 = HT<0.2 m
•••		0= NON	E 1=0% <	CVR < 10% 2= 10 < C	VR . 25% 3= 25 < C	VR . 60% 4= CVR > t	U79
	AND COMPO			CVR < 10% 2= 10 < C	VR - 25% 3= 25 < C	VR . 60% 4= CVR > 6	BA:
1	est in a second	SITION		CVR < 10% 2= 10 < C	A 10 - 24	VR . 80% 45 CVR > 6	BA:
1	AND COMPOS	SITION:			VR . 25% 3= 25 < C	4 A 25 - 50	BA: > 50
	AND COMPOSE CLASS AN	SITION: ALYSIS GS:		< 10 < 10 < 10 < 10 < 10	A 10 - 24	A 25 - 50 4 25 - 50 4 25 - 50	BA: > 50
	AND COMPOS	SITION: ALYSIS GS: GS:		< 10 < 10 < 10 < 10 < 10	A 10 - 24	4 25 - 50 4 25 - 50 0 OCCASIONAL A	BA: > 50
T T	AND COMPOSE CLASS AND ANDING SNA	SITION: ALYSIS GS: GS:		< 10 < 10 < 10 N = NONE · . R	A 10 - 24	1 A 25 - 50 4 25 - 50 CCASIONAL A	BA: > 50
TOPE	AND COMPOSE ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD	SITION: ALYSIS GS: GS: ES:	3: 1 ₁₁	<10 <10 <10 N = NONE · R YOUNG	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE	1 A 25 - 50 4 25 - 50 CCASIONAL A MATURE	BA: > 50
STORE	AND COMPOSE ZE CLASS AN ANDING SNA EADFALL / LO JUNDANCE COD DMM. AGE :	SITION: ALYSIS GS: GS: ES:	3: 1 ₁₁	C < 10 N = NONE	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 26 MID-AGE	1 A 25 - 50 4 25 - 50 CCASIONAL A	BA: > 50
STORE	AND COMPOSE ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: DISTURE:	SITION: ALYSIS GS: GS: ES:	PIONEE		A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 35 MID-AGE OTTLES / GLEY RGANICS:	1 A 25 - 50 4 25 - 50 CCASIONAL A MATURE	BA: > 50
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T THE CONTRACTOR	AND COMPOSE ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: DIL ANALYS EXTURE: DMOGENEOU OMMUNITY COMMUNITY COMMUNIT	SITION: ALYSIS GS: GS: ES: IS: CLASS LASS:	PIONEE ARIABLE SUFFICAT	<pre></pre>	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 34	4 25 - 50 4 25 - 50 OCCASIONAL A MATURE	BA: > 50
T THE CONTRACTOR	AND COMPOSE ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: DMOGENEOU OMMUNITY COMMUNITY COMMUNITY COMMUNITY SI	GS: GS: ES: IS: CLASS LASS: ERIES:	PIONEE ARIABLE SIFICAT SWA Deci	O < 10 < 10 < 10 N = NONE · R YOUNG DEPTH TO MC DEPTH TO BE ION:	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 25 MID-AGE MID-AGE DTTLES / GLEY CRANICS:	A 25 - 50 25 - 50	BA: > 50 > 50 > 50 > 50 SO SO SO SO SO SO SO SO
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ELC	SITE: Transmission Line
	POLYGON: Feature 1
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE		LAYER		COLL. SPECIES CODE		酱	LA	YER		COLL	
SPECIES CODE	1	2	3	4	COLL	SPECIES CODE	1	2	3	4	COLL
FRAPENN	D	D	A		4 4	TYPANGU		-(4		-4	
Quercus	A	A	Α			Sedges	1				
						Grasses					
					4-3-1	Asters	П		- 3		
					(C	Goldenrods					
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		2					-			174	

Page of

Possible grazing

Fringe of maple-beech at road in west patch. One large beech snag in med. cavity.

ELC	SITE:	1			POLYGON: (9))	
COMMUNITY DESCRIPTION &	SURVE	YOR(S):		DATE:		UTME:	1
CLASSIFICATION	START		END		UTMZ:	UTMN:	
POLYGON DES	SCRIP	TION					
SYSTEM	SUB	STRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY	
TERRESTRIAL WETLAND AQUATIC	ORGANIC MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK.		LACUSTRINE RIVERINE BOTTOMIAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND CLIFF	MATURAL ☐ CULTURAL	PLANKTON SUBMERGED FLOATING-LVD. FROATING-LVD. FORB LICHEN SRYOPHYTE	LAKE POND RIVER STREAM MARSH SWAMP FEN SOG	
SITE	☐ CAR	B. BEDRK.	TALUS CREVICE / CAVE	COVER	CONIFEROUS MIXED	BARREN MEADOW PRAIRIE	
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK			ROCKLAND BEACH / BAR SAND DUNE BLUFF	OPEN SHRUB		THICKET SAVANNAH WOODLAND FOREST PLANTATION	in the
STAND DESCR	IPTIO	N:					
LAYER	нт	CVR			ECREASING DOI EATER THAN; = ABO		
1 CANOPY	1-2	4	FRAPENN	18 18 分	The legislation		
2 SUB-CANOPY	3	4	// >> VI	MAMER	DMI II-		9
3 UNDERSTOREY	4-5	4	CORSTOL	F To Park			
GRD. LAYER HT CODES: CVR CODES	1 = >25 m 0= NONE			n 4 = 1<+17-2 m 5 = 1	0.5 <ht-1 8="0.2<HT-<br" m="">R < 60% 4= CVR > 60%</ht-1>		
IT CODES:	1 = >25 n 0= NONE		T:25 m 3 = 2 <ht 10="" m<="" td=""><td>n 4 = 1<+17-2 m 5 = 1</td><td></td><td></td><td></td></ht>	n 4 = 1<+17-2 m 5 = 1			
T CODES: CVR CODES	1 = >25 n 0= NONE	1= 0% <	T:25 m 3 = 2 <ht 10="" m<="" td=""><td>n 4 = 1<+17-2 m 5 = 1</td><td></td><td></td><td></td></ht>	n 4 = 1<+17-2 m 5 = 1			
T CODES: CVR CODES	1 = >25 n 0= NONE ITION:	1= 0% <	17:25 m 3 = 2 <h7:10 n<br="">CVR : 10% 2= 10 < C</h7:10>	n 4 = 1 <ht⊲2 5="1<br" m="">VR √25% 3= 25 < CV</ht⊲2>	R < 60% 4= CVR > 60%	BA:	3 No
T CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC	1 = >25 m 0= NONE ITION: ALYSIS: SS:	1= 0% <	A < 10 < 10 < 10 < 10	A 10 - 24 10 - 24	R < 60% 4= CVR > 60% 25 - 50 25 - 50 25 - 50	BA: > 50 > 50 > 50	3 No
TODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG	1 = >25 m 0= NONE ITION: ALYSIS: SS:	1= 0% <	A < 10 <p>A < 10</p> A < 10 N = NONE R = RONE	A 10 - 24 10 - 24 RARE 0 = 0	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50	BA: > 50	Z No
T CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC	1 =>25 n 0= NONE SITION: SS: SS: SS:	1= 0% <	A < 10 <p>< 10</p> A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	A 10 - 24 10 - 24 10 - 24 RARE 0 = 0	R < 60% 4= CVR > 60% 25 - 50 25 - 50 25 - 50	BA: > 50 > 50 > 50	Z No S Acc
TCODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC BUNDANCE CODE COMM. AGE: SOIL ANALYS! EXTURE: WOISTURE:	1=>25 n 0= NONE ITTION: ILYSIS: ISS: ISS: ISS:	PIONEEI	A < 10 < 10 < 10 N = NONE : R YOUNG DEPTH TO MO DEPTH OF OR	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = 0 MID-AGE TILES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 26 - 50 25 - 50 26 - 50 27 - 50 28 - 50 28 - 50 29 - 50 29 - 50 20 - 50 20 - 50	BA: > 50 > 50 > 50 BUNDANT OLD GROWTH G= (cm)	Z No Z Acc
TCODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC BUNDANCE CODE COMM. AGE: SOIL ANALYSI EXTURE:	1=>25 n 0= NONE ITTION: ILYSIS: ISS: ISS: ISS:	PIONEEI	A < 10 < 10 < 10 N = NONE - R YOUNG	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = 0 MID-AGE TILES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 26 - 50 25 - 50 26 - 50 27 - 50 28 - 50 28 - 50 29 - 50 29 - 50 20 - 50 20 - 50	> 50 > 50 > 50	Z No 3 Acc
AT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYS! TEXTURE: HOMOGENEOUS COMMUNITYC	1=>25 m 0= NONE SITION: ALYSIS: SS: SS: SS: SS: LASSI	PIONEEI	A	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = 0 MID-AGE TILES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 26 - 50 25 - 50 26 - 50 27 - 50 28 - 50 29 - 50 20 - 5	BA: > 50 > 50 > 50 SO > 50 SROWTH G= (cm) (cm)	Z No S Acc
TODES: CVR CODES STAND COMPOS STANDING SNAG SNAG	1=>25 m 0= NONE SITION: ALYSIS: SS: SS: SS: LASSI	PIONEEI RIABLE FIGATIO	A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 1	A 10 - 24 10 - 24 10 - 24 10 - ARRE 0 = C MID-AGE TTLES / GLEY GANICS: DROCK:	25 - 50 25 - 50 25 - 50 25 - 50 CCASIONAL A = A MATURE	BA: > 50 > 50 > 50	2 No 3 Acc
AT CODES: CVR CODES STAND COMPOS STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYS! EXTURE: HOMOGENEOUS COMMUNITY CL COMMUNITY SEI	1=>25 m 0= NONE ITTION: ILYSIS: ISS: ISS: ITTION: ILYSIS: ILYS	PIONEEI PIONEEI PIONEEI Decic	A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 1	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = 0 MID-AGE TILES / GLEY GANICS: DROCK:	25 - 50 25 - 50 25 - 50 25 - 50 26 - 50 26 - 50 27 - 50 28 - 50 29 - 50 20 - 5	BA: > 50 > 50 > 50 BUNDANT OLD GROWTH G= (cm) (cm)	3 No
ATTODES: CVR CODES STAND COMPOS STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITY CL COMMUNITY SEE COMMUNITY SEE COMMUNITY SEE COMMUNITY SEE COMMUNITY SEE COMMUNITY SEE COSITE: AS	1=>25 n 0= NONE SITION: SS: SS: SS: SS: SS: SS: SS: S	PIONEEI RIABLE FIGATIO	A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 1	A 10 - 24 10 - 24 10 - 24 10 - ARRE 0 = C MID-AGE TTLES / GLEY GANICS: DROCK:	25 - 50 25 -	BA: > 50 > 50 > 50 BUNDANT OLD GROWTH G= (cm) (cm)	Z No S Acc
AT CODES: CVR CODES STAND COMPOS STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYS! EXTURE: HOMOGENEOUS COMMUNITY CL COMMUNITY SEI	1=>25 m 0= NONE SITION: SS: SS: SS: SS: SS: SS: SS: SS: SS: S	PIONEEI PIONEEI PIONEEI Decic	A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 1	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE TILES / GLEY GANICS: DROCK:	00	BA: > 50 > 50 > 50 BUNDANT OLD GROWTH G= (cm) (cm)	Z No.
ATTODES: EVEN CODES STAND COMPOS STAND COMPOS STANDING SNAC DEADFALL / LOC BUNDANCE CODE COMM. AGE: SOIL ANALYSI: TEXTURE: MOISTURE: HOMOGENEOUS COMMUNITY CL COMMUNITY SEE ECOSITE: AS VEGETATION TY	1=>25 m on Nessell 1	PIONEEI PIONEEI PIONEEI Decic	A < 10 A < 10 CVR 10% 2=10 < C A < 10 A 10	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE TILES / GLEY GANICS: DROCK:	00	BA: > 50 > 50 > 50 BUNDANT OLD GROWTH G= (cm) (cm)	Z No.

ELC	SITE: T- Line	
PLANT	POLYGON: Feature 19	
SPECIES	DATE:	
LIST	SURVEYOR(S):	

SPECIES CODE	7,175 7,175	LA	YER	RE 0 = OCCASIONAL /		THE PLANE SHOW OF	~	LA		×	- 145
SPECIES CODE	1	2	3	4	COLL.	SPECIES CODE	1	_	3	4	co
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JLMAMER		A	200	- 1			1				_
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70-1 South Guelph, Oi N1G 4P5 Tel: (519)	ngate Drive ntario, Canada 836-6050		FEATURE 2 Wildlife Assess Polygon 9	Habitat
161010646		Project Name	e: Samsung -	T-Line
ov 4.10		Field Person	nel: GAW	
Temp:	Wind:	Cloud: 100%	PPT: light rain	PPT in last 24 hrs: RAIN
			te underground, inclueracks/entry points, ex	
	70-1 South Guelph, O N1G 4P5 Tel: (519) Fax: (519)	Tel: (519) 836-6050 Fax: (519) 836-2493 161010646 ov 4.10 Temp: Wind: 10° 2	70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 Project Name Ib 1010 b 4 b	70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 Project Name: Samsung Field Personnel: GAW Temp: Wind: Cloud: PPT:

Table 1: Potential bat/reptile hibernacula features identified on site

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?

Yes No (if yes,

UTM	a 251	Feature type	Photo #	Description	Species observed using feature
					S .

Unknown

Species Observations

describe details in Table 1).

describe details in Table 1).

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, OP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO				
- A				

	Approxima Are large (i.	е. >40 xim a	ocmDBH a	and >25m ta esent or	all) tree % of s	es presentand <u>Ver</u>	y rare	(~1)		
	Are snags of the s	prese	ent? [2	☑ Yes ☐ I	No er pres	ent, height	and DB	H of snags an	d indicate if	f they
	Trees with	cavi	ties pre	esent? [] No [Rare 🗀	Occas	sional 🗌 Abu		ne seen
			Height tree	ranges of	Range DBH	of Tree	Ran Heig	ge of Cavity hts	Cavity siz (approx. diameter)	
		p=11	de.	to upon	==-,	5				
	1						11			
		- 1					1944		150	1
BA ⁻	T MAT Roos				<i>(</i> :	. 10				
BA-	Presence of the species pre	of lar and	r ge stic describ	k nests					ze of nest	
BA	Presence of the second of the	of lar and sent	ge stic describ	k nests be tree ty	pe, he	ight and p	oositio	n in tree, siz		<u>ow</u> n
BA	Presence of the species pre Evidence of the species	of lar and sent of dis	ge stic descrik	k nests be tree ty	ogging, r	ight and p	ATV us	n in tree, siz	Unkn Yes □ No	own O Unknown
BA	Presence of If yes, UTM species pre	of lar and sent of dis ribe	ge stic descrik	k nests be tree ty	ogging, r	ight and poads, paths,	ATV us	n in tree, siz	Unkn Yes □ No	<u>ow</u> n
BA	Presence of If yes, UTM species pre	of lar and sent of dis ribe	ge stic describ sturbar	k nests be tree ty	ogging, r	ight and poads, paths,	ATV us	n in tree, siz	Unkn Yes □ No	own O Unknown
BA	Presence of If yes, UTM species pre	of lar and sent of dis ribe	describ describ sturbar preser	ce? (i.e k	ogging, r	ight and posts, paths, No iption	ATV us	n in tree, size, trails) \(\bigcup \) f yes, Surrounding	Vn∤n Yes ☐ No U Habitat	own Unknown nknown Unknown
BA	Presence of If yes, UTM species pre Evidence of If yes, desconductions of Seeps/ spread Seep/Spring #	of lar and sent of dis ribe	describ describ sturbar preser	ce? (i.e k	ogging, r	ight and poads, paths,	ATV us	n in tree, size, trails) \(\bigcup \) f yes, Surrounding	Vn∤n Yes ☐ No U Habitat	own Unknown nknown
BA	Presence of If yes, UTM species pre Evidence of If yes, desconductions of Seeps/ spread Seep/Spring #	of lar and sent of dis ribe ings	describ describ sturbar preser	ce? (i.e k	ogging, r	oads, paths, No iption	ATV us	n in tree, size, trails) \(\bigcup \) f yes, Surrounding Presence of emergent/size	Vn∤n Yes ☐ No U Habitat	Unknown Nknown Unknown Unknown Presence of

	ELC	SITE:	16101	0641	6			POLY	GON: (4)			
	COMMUNITY			GAN	· · · · · · · · · · · · · · · · · · ·	DATE:	Nov. L	1.10		UTME		
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Ī	SYSTEM		STRATE		OGRAPHIC EATURE	HIS	STORY	PLA	NT FORM	COI	MMUNITY	
	TERRESTRIAL	☐ ORG			CUSTRINE ÆRINE	M NATL		SUB	NKTON SMERGED	LAKE	ID	9.
	WETLAND		RAL SOIL	BOT	TTOMLAND RRACE	CULT	TURAL	GRA	ATING-LVD.	RIVE	EAM	
١,	AQUATIC		ENT MIN. DIC BEDRK.	U VAL	LLEY SLOPE			FOR	RB HEN	MAR SWA	NSH NMP	f
	THE YEAR		C BEDRK.	ROL	LL. UPLAND			BRY DEC	CIDUOUS	□ FEN □ BOG		
	SITE	☐ CAR	B. BEDRK.	□ TAL	LUS EVICE / CAVE VAR	C	OVER	O MIX	NIFEROUS ED	PRA	DOW	
	OPEN WATER			RO	CKLAND ACH / BAR	OPE!	N	18		THIC	KET	
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_	AND DESCR	IPTIO	N:								Total re-	
زي	LAYER	НТ	CVR	1	SPECIES MUCH GREA				ASING DO			
1	CANOPY	1-2	LVK		PENN	IR	- GRE			1	22/	
2	SUB-CANOPY	3	4	FRA		1 >> 1	ULM A	ME	R			
3	UNDERSTOREY	4-5	4	-		14.	V -10. 11	بية ا		p 17		3 No
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SI	ZE CLASS AN	LYSIS		A	< 10	A	10 - 24	0	25 - 50		> 50	_
ST	TANDING SNAC	38:			< 10		10 - 24		25 - 50		> 50	3 No
DE	EADFALL / LOC	GS:			< 10		10 - 24	ال	25 - 50	1 November 1	> 50) Access
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	<u>OIL ANALYSI</u> Exture:	5 :		DED	TH TO MO	TTLES	/ GLEY	g =		G=	TSS.] i d
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	OMMUNITY CL			116.014	To the			N ros	CODE:	SW		4
٠.	OMMUNITY SE				US SW	amt	>	W_{R}	CODE:	SW	D	
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C	COSITE: AS	PE: Ash			Decidu. 1 Dec	ovs Sn		,	CODE:	111111		
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ELC	SITE: T-Line
	POLYGON: Feature 2
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE		LA	YER	Į.	corr.	SPECIES CODE		LÁ	YER		
	1	2	3	4		SPECIES CODE	1	2	3		COLL
FRAPENN	D	D									
ULMAMER		A									
ACERUBR	R										
CORSTOL			0								
H 2											
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901				5/61/		W. Casal St.		1921			
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				,							
281 2001					GITARON-III		(1+4)	11			

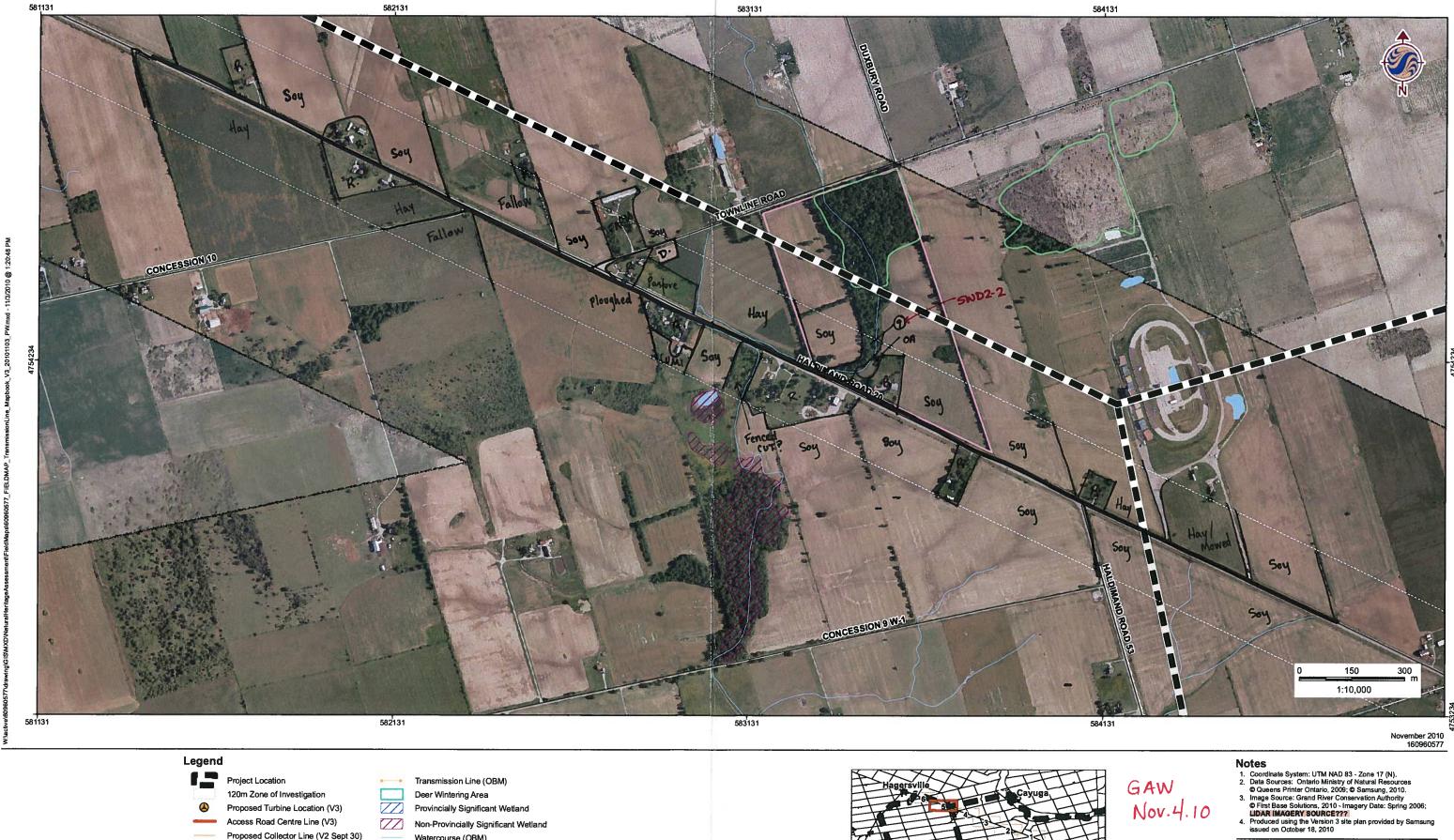
Page of

ELC	SITE:				POL	YGON:	
COMMUNITY	SURVEY	OR(S):		DATE			UTME:
DESCRIPTION & CLASSIFICATION	START:	W. William	END	- Long tracks	UTN	AZ.	UTMN:
OLYGON DE	SCRIPT	TION	Litera e vicini	V AND AND THE	lina.	Jana's	
SYSTEM		TRATE	TOPOGRAPHI FEATURE	HISTORY	PL	ANT FORM	COMMUNITY
TERRESTRIAL	ORGA	NIC	LACUSTRINE	NATURAL		LANKTON	LAKE
WETLAND	☐ MINE	RAL SOIL	RIVERINE BOTTOMLAND	CULTURAL	□ F	LOATING-LVD.	POND
AQUATIC	☐ PARE	NT MIN.	TERRACE VALLEY SLOPE		□F	GRAMINOID ORB	STREAM MARSH
	ACID!	C BEDRK.	☐ TABLELAND			ICHEN RYOPHYTE	SWAMP
SAME FOR	BASIC	BEDRK.	ROLL UPLAND	THE VENT		CONIFEROUS	BOG BARREN
SITE	☐ CARE	B. BEDRK.	CREVICE / CAV	COVER		AIXED	☐ MEADOW ☐ PRAIRIE
OPEN WATER			ROCKLAND BEACH / BAR	□ OPEN			☐ THICKET
SHALLOW WATER			SAND DUNE	☐ SHRUB	- 10		☐ WOODLAND ☐ FOREST
BEDROCK	2		BLUFF	TREED			PLANTATION
STAND DESCI	PIDTICI	M.					1886
	7-0-0			S IN ORDER OF			
LAYER	HT	CVR	(>> MUCH GRI	ATER THAN; > G	REALE	THAN; - AB	OUT EQUAL TO)
1 CANOPY			U SII				
2 SUB-CANOPY	The L		3E 1 F 0	013			N I am
	/						
3 UNDERSTORE	1 2 1/2			- St 101 1 347			
4 GRD. LAYER		2 = 10 <h< th=""><th>T-25 m 3 = 2<ht-1< th=""><th>m 4=1<ht√2 5<="" m="" th=""><th>■ 0.5<ht< th=""><th>s1 m 6 = 0.2<ht< th=""><th>,0.5 m 7 = HT<0.2 m</th></ht<></th></ht<></th></ht√2></th></ht-1<></th></h<>	T-25 m 3 = 2 <ht-1< th=""><th>m 4=1<ht√2 5<="" m="" th=""><th>■ 0.5<ht< th=""><th>s1 m 6 = 0.2<ht< th=""><th>,0.5 m 7 = HT<0.2 m</th></ht<></th></ht<></th></ht√2></th></ht-1<>	m 4=1 <ht√2 5<="" m="" th=""><th>■ 0.5<ht< th=""><th>s1 m 6 = 0.2<ht< th=""><th>,0.5 m 7 = HT<0.2 m</th></ht<></th></ht<></th></ht√2>	■ 0.5 <ht< th=""><th>s1 m 6 = 0.2<ht< th=""><th>,0.5 m 7 = HT<0.2 m</th></ht<></th></ht<>	s1 m 6 = 0.2 <ht< th=""><th>,0.5 m 7 = HT<0.2 m</th></ht<>	,0.5 m 7 = HT<0.2 m
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4 GRD. LAYER	1 = >25 m 0= NONE	1 2 = 10 <h 1 = 0% <</h 	T-25m 3=2 <ht:11 CVR \ 10% 2=10 <</ht:11 	m 4=1 <ht,2m 8<br="">CVR,25% 3=25<</ht,2m>	● 0.5 <ht CVR < 60°</ht 	.1 m 6 = 0.2 <ht % 4= CVR > 609</ht 	50.5 m 7 = HT<0.2 m
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4 GRD. LAYER HT CODES: CVR CODES STAND COMPO	1 = >25 m 9= NONE SITION: ALYSIS: GS:	1= 0% <	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	10 - 2 10 - 2 10 - 2	4 4 4	25 - 50 25 - 50 25 - 50	BA: > 50 > 50
4 GRD. LAYER HT CODES: CVR CODES STAND COMPO SIZE CLASS AN STANDING SNA DEADFALL / LO ABUNDANCE COD	1 = >25 m 9= NONE SITION: ALYSIS: GS:	1= 0% <	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	10 - 2 10 - 2 10 - 2	4 4 4 4 OCCAS	25 - 50 25 - 50 25 - 50	BA: > 50
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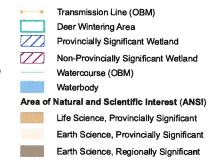
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Project Location 120m Zone of Investigation Proposed Turbine Location (V3) Access Road Centre Line (V3) Proposed Collector Line (V2 Sept 30) ROW Installation Zone (V3) Substation Property Elexco Aquired Agreements (Oct 26) Government Lands UDI Lands Abandoned Railway





GAW Nov.4.10

Client/Project

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

Figure No.

FIELD MAP 5

TRANSMISSION LINE -MAPBOOK

Stantec	70-1 South			Wildlife Assess Polygon 9	Habitat
Project Number	161010646		Project Name	Samsung -	T-Line
Date / Time:	ov. 4. 2010		Field Person	nel: GAW	
Weather Conditions:	Temp:	Wind:	Cloud: /00%	PPT: light rain	PPT in last 24 hrs:

Does the site contain potential reptile hibernacula features?

Yes No (if yes, describe details in Table 1).

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?
Yes No (if yes, describe details in Table 1).

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed usi feature
		ga 1 1 1 1 2 1 5 1		
- X				
	in destination,			

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, OP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO				

Ale lai		ge of sta		171		+ [▽ \	Vec II No		
If yes, a	approxim	ate # pre	esent or	% of s	stand <u>V.</u>	Rare	Yes No (~1) etc) from	edge	1
If yes pro		acterizatio	n of numb	oer pres	ent, height a		H of snags an	nd indicate i	f they
Trees v		ities pre	esent? [] No [☐ Rare ☐	Occas	ional 🗌 Abi	undant N	one seer
		Height r tree	anges of	Range DBH	e of Tree	Rang Heigh	e of Cavity nts	Cavity siz (approx. diameter)	
71-11				hm's					
Presen		rge stic	k nests		tor nests)? eight and p		s □ No n in tree, siz	ze of nest	,
Present If yes, I species Eviden	JTM and present	rge stic I describ	k nests be tree ty	/pe, he		ositior	n in tree, siz	Unknow Yes □ N	<u>n</u>
Present If yes, It species Evident If yes, o	JTM and spresent	rge stic i describ t sturban	k nests pe tree ty	ogging, r	oads, paths,	ATV use	n in tree, siz	Unknow Yes □ No Un kn	n o own
Present If yes, It species Evident If yes, o	JTM and spresent ace of didescribe	rge stic i describ t sturban	k nests pe tree ty	ogging, r	eight and p	ATV use	n in tree, siz	Unknow Yes □ No Un kn Un k	<u>n</u>
Present If yes, Use Seeps/	JTM and spresent ace of didescribe	rge stick describ t sturban preser	k nests pe tree ty	ogging, r	oads, paths,	ATV use	n in tree, siz	Unknow Yes □ No Un kn Un k	n o own
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Earth Science, Regionally Significant



GAW Nov. 4.10

- Notes
 1. Coordinate System: UTM NAD 83 Zone 17 (N).
 2. Data Sources: Ontario Ministry of Natural Resources
 © Queens Printer Ontario, 2009; © Samsung, 2010.
 3. Image Source: Grand River Conservation Authority
 © First Base Solutions, 2010 Imagery Date: Spring 2006;
 LIDAR IMAGERY SOURCE???
 4. Produced using the Version 3 site plan provided by Samsun issued on October 18, 2010

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

Figure No.

FIELD MAP 4

TRANSMISSION LINE -MAPBOOK

Stantec	70-1 Sout Guelph, C N1G 4P5 Tel: (519)	consulting Ltd. Ingate Drive Ontario, Canada 836-6050) 836-2493	n lightsiis nn bjon li		Habitat sment
Project Number	161010646	Chamt be o	Project Nan	ne: Samsung	č .
Date / Time:	1.4.10		Field Perso	nnel: GAW	= - N
Veather Conditions:	Temp:	Wind:	Cloud: 1007.	PPT: light	PPT in last 24 hrs: Rain

UTM	Feature type	Photo #	Description	Species observed using feature
J.Big at	عدر الأ		of the 1st to do to be and	

Does the site contain potential bat hibernacula features?

Yes No (if yes, Unknown describe details in Table 1)

Species Observations

describe details in Table 1).

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO				1
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		- 3		

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If yes, a	approxim	ate # pr	esent or	% of s	stand <u>fau</u> only, in FOE	observ	red		_
If yes pre	ovide char	acterizatio	Yes [] I on of numb	er pres		and DBH	of snags ar	nd indicate if	they
Trees					Rare 🗌				one seen
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	ROOST ?			(i.e. rapl	tor nests)?	☐ Yes	□ No	No	one seen
Preser	nce of la	rge stic	k nests (No ze of nest	
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ELC	SITE: T-Line	anilla — e. —
	POLYGON: Feature 4	
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ELC	SITE: T-Line	
	POLYGON: Feature 3	
PLANT SPECIES	DATE:	
LIST	SURVEYOR(S):	

15	LA	in the	25/2007	Dispersion acres on	DALLER SALES AND AND SOLES FOR THE SECOND SEC.	2.35	1 75 77			
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Page of

Stantec	70-1 South	tario, Canada 36-6050	Vaco po el	Wildlife Asses	
Project Number	01010646		Project Name	Samsung T-line :: Polygon ①	(represents
Date / Time:	. 4. 10		Field Person	nel: GAW	
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs:
Reptile Hibernacu ouried concrete or rock ock crevices or inactive Does the site cont lescribe details in Ta	la Features i.e (e.g. foundations, panimal burrows)	e. features that we bridge abutments	ould provide a rou s or culverts with c	te underground, incluracks/entry points, e	uding xposed
Bat Hibernacula F	eatures i.e. ka	rst topography,	abandoned min	es or caves	Unknown
Ooes the site contescribe details in Ta		bat hibernacı	ula features?		
Table 1: Potential	hat/reptile hit	pernacula fea	itures identifie	ed on site	

UTM	Feature type	Photo #	Description	Species observed using feature
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n	The state of the s		The my resides who self	
			The second secon	

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den,

SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO			2	
	/	1		1
/				-
		1		

	lland Ass	/: t -		. 0	6				
Wood	llot # (ind	licate o	on map) <u>:</u>	Polyg	on (9)	15.7			
Appro	oximate a	ige of s	stand _ N	lidage	2				
If yes, Locati Are si	approximon in star approximon in star nags preservide char	nate # p nd (i.e thr sent? [acterizati	resent or oughout, in	r % of west sid No ber pres	standVer le only, in FOI sent, height a	22-6 only	etc) from	n edge	if they
	with cav	ities pr	esent? [□ No		Occas	ional	N	one Seen.
= 1/3 UI	15/4/10 L	tree	ranges of	DBH	je of Tree	Heigh	e of Cavity	Cavity size (approx. diameter)	
		Ser la		3.17					
		Temperature and			14				
Prese If yes,	UTM and	rge stic	k nests		tor nests)? eight and p		i □ No i in tree, siz	ze of nest	,
Prese If yes, specie Evide If yes,	ence of la UTM and es present nce of di describe	rge stic	ck nests be tree ty nce? (i.e le	ogging,	eight and p	ATV use	n in tree, siz		O Unknown
Prese If yes, specie Evide If yes,	nce of la UTM and es present nce of di describe	rge stic	ck nests be tree ty nce? (i.e le	ogging,	eight and p	ATV use	in tree, siz	Yes 🗌 Ne	Unknown
Prese If yes, specie Evide If yes, Seeps	nce of la UTM and es present nce of di describe	rge stic d describ t sturbar s prese	ck nests be tree ty nce? (i.e le	ogging,	roads, paths,	ATV use	, trails)	Yes 🗌 Ne	O Unknown
Prese If yes, specie Evide If yes, Seeps Seep/S	nce of la UTM and es present nce of di describe s/ springs pring #	sturbar UTM	ck nests be tree ty nce? (i.e.le	ogging,	roads, paths,	ATV use	, trails)	Yes 🗌 Ne	O Unknown
Prese If yes, specie Evide If yes, Seeps Seep/S	nce of la UTM and es present nce of di describe s/ springs pring #	sturbar UTM	ck nests be tree ty nce? (i.e.le	ogging, ogging, Desc	roads, paths,	ATV use	, trails)	Yes □ No	Unknown Unknown Unknown
Prese If yes, specie Evide If yes, Seeps Seep/S	nce of la UTM and es present nce of di describe s/ springs pring #	sturbar UTM	ck nests be tree ty nce? (i.e.le nt? Yes	ogging, ogging, Desc	roads, paths, No ription	ATV use	yes, Surrounding Presence of emergent/su	Yes □ No	Unknown Unknown Unknown Unknown Presence of shr
Prese If yes, specie Evide If yes, Seeps Seep/S	nce of la UTM and es present nce of di describe s/ springs pring #	sturbar UTM	ck nests be tree ty nce? (i.e.le nt? Yes	ogging, ogging, Desc	roads, paths, No ription	ATV use	yes, Surrounding Presence of emergent/su	Yes □ No	Unknown Unknown Unknown Unknown Presence of shr

ELC	SITE:						POLY	GON: (16)		
COMMUNITY DESCRIPTION &	SURVE	YOR(S):			DATE				UTME	
CLASSIFICATION	START		END				UTMZ	A25	UTMN:	
POLYGON DES	SCRIP	TION			-			. I		
SYSTEM	SUB	STRATE		POGRAPHIC FEATURE	Н	ISTORY	PLA	NT FORM	COI	MMUNITY
TERRESTRIAL WETLAND AQUATIC	☐ PAR	ANIC ERAL SOIL ENT MIN. DIC BEDRK.	O TE	CUSTRINE VERINE, OTTOMILAND ERRACE ULLEY SLOPE BLELAND IFF		TURAL LTURAL	SUE FLO GRA DFOR	NIKTON BMERGED DATING-LVD. AMINOID RB HEN COPHYTE CIDUOUS	LAKE PONI RIVE STRE	D :R EAM SH IMP
SITE	☐ CAR	B. BEDRK.	O TA	ILUS REVICE / CAVE VAR	-	COVER	COM	NIFEROUS	BARI MEAI	REN DOW
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	175	iko ar s	□ RC	EACH / BAR IND DUNE	□ OP	RUB			THIC SAVA WOO	KET ANNAH ODLAND
TAND DESCR	IPTIO	N:		SPECIES	IN OR	DER OF D	ECRE	ASING DOI	MINAN	CF
LAYER	HT	CVR	(>>	MUCH GREA						
CANOPY	1-2	4	ACES	SASA >	> QU	ERUB	R>	MICHAE	N T	
SUB-CANOPY	3	4	11	reput > F	AGE	RAN			4	
UNDERSTOREY GRD. LAYER T CODES:				3 = 2 <ht 10="" :="" m<="" th=""><th></th><th></th><th></th><th></th><th></th><th>■ HT<0.2 m</th></ht>						■ HT<0.2 m
UNDERSTOREY GRD. LAYER T CODES: VR CODES	6-7 1=>25 r 0= NONE	n 2 = 10 <h< td=""><td>IT- 25 m</td><td>3 = 2<ht-10 m<="" td=""><td>4=1<</td><td></td><td></td><td></td><td></td><td>■ HT<0.2 m</td></ht-10></td></h<>	IT- 25 m	3 = 2 <ht-10 m<="" td=""><td>4=1<</td><td></td><td></td><td></td><td></td><td>■ HT<0.2 m</td></ht-10>	4=1<					■ HT<0.2 m
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS	1 = >25 r 0= NONE	n 2 = 10 <h E 1= 0% <</h 	IT- 25 m	3 = 2 <ht-10 m<="" td=""><td>4=1<</td><td></td><td></td><td></td><td></td><td>■ HT<0.2 m</td></ht-10>	4=1<					■ HT<0.2 m
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS	1 = >25 r 0= NONE SITION:	n 2 = 10 <h E 1= 0% <</h 	17-25 m CVR √ 10	3 = 2 <ht-10 m<br="">0% 2= 10 < C\</ht-10>	1 4 = 1< /R ← 25%	3= 25 < CV	R < 50%	4= CVR > 60%		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNAC EADFALL / LOC	1 = >25 r 0= NONE SITION: ALYSIS 38:	n 2 = 10 <h E 1= 0% <</h 	T-25 m CVR \ 10	3=2 <ht-10 m<br="">0% 2=10 < C1 < 10 < 10 < 10</ht-10>	1 4 = 1< /R ← 25%	10 - 24 10 - 24 10 - 24	R < 50%	4= CVR > 60% 25 - 50 25 - 50 25 - 50		> 50 > 50 > 50
B UNDERSTOREY I GRD. LAYER IT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC BEADFALL / LOC BUNDANCE CODE	1 = >25 r 0= NONE SITION: ALYSIS 38:	n 2 = 10 <h E 1= 0% <</h 	T-25 m CVR \ 10	3=2 <ht-10 m<br="">0% 2=10 < C1 < 10 < 10 < 10</ht-10>	A A	10 - 24 10 - 24 10 - 24	R < 50%	4= CVR > 60% 25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50 > 50 NT
UNDERSTOREY GRO. LAYER IT CODES: EVR CODES GIZE CLASS ANA GRANDING SNAC DEADFALL / LOC BUNDANCE CODE COMM. AGE:	1 = >25 r 0= NONE GITION: ALYSIS 3S: SS:	2 = 10cH 1 = 0% <	T-25 m CVR \ 10	3 = 2 <ht 10="" m<br="">0% 2= 10 < CV < 10 < 10 < 10 < 10 NONE · R</ht>	A A	10 - 24 10 - 24 10 - 24 10 - 24	R < 50%	4= CVR > 60% 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 > 50
UNDERSTOREY GRO. LAYER IT CODES: EVR CODES STAND COMPOS STANDING SNAC STANDING SNAC STANDING SNAC SEADFALL / LOC BUNDANCE CODE COMM. AGE:	1 = >25 r 0= NONE GITION: ALYSIS 3S: SS:	2 = 10cH 1 = 0% <	T-25 m CVR \ 10	3 = 2 <ht 10="" m<br="">0% 2= 10 < CV < 10 < 10 < 10 < 10 NONE · R</ht>	A A RARE	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0	R < 50%	4= CVR > 60% 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 > 50 NT
UNDERSTOREY GRO. LAYER TOODES: VR CODES TAND COMPOS TANDING SNAC TA	1 = >25 r 0= NONE SITION: ALYSIS 38: 38: 58:	n 2= 10-H E 1= 0% <	DEP	3 = 2 <ht, 10="" m<br="">0% 2= 10 < C\ < 10 < 10 < 10 ione · R Young</ht,>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIO	4= CVR > 60% 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 NT DLD GROWTH
UNDERSTOREY GRO. LAYER TOODES: VR CODES TAND COMPOS TANDING SNAC TA	1 = >25 r 0= NONE SITION: ALYSIS 38: 38: 58:	n 2= 10-H E 1= 0% <	DEP	3 = 2 <ht, 10="" m<br="">0% 2= 10 < C\ < 10 < 10 < 10 ione · R</ht,>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIO	4= CVR > 60% 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 NT DLD GROWTH
UNDERSTOREY GRD. LAYER T CODES: VR CODES VR CODE	1 = 25 f 0= NONE SITION: ALYSIS 3S: 5S: 5S:	PIONEER	N=N DEP DEP	3 = 2 <ht, 10="" m<br="">0% 2= 10 < CV < 10 < 10 < 10 NONE · R YOUNG</ht,>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIO	4= CVR > 60% 25 - 50 25 - 50 25 - 50 NAL A = A MATURE	BA: BUNDA G=	> 50 > 50 > 50 NT DLD GROWTH
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNACE BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS COMMUNITY CL	S: S: LASSI ASS:	PIONEEF	DEP DEP DEP	3 = 2 <ht, 10="" m<br="">0% 2= 10 < C\ < 10 < 10 < 10 NONE - R YOUNG</ht,>	A A TTLES	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIO	25 - 50 25 - 50 25 - 50 NAL A = A MATURE	BA: BUNDA G=	> 50 > 50 > 50 > 50 NT OLD GROWTH (cm)
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNAC EADFALL / LOC BUNDANCE CODE OMM. AGE: COIL ANALYSI EXTURE: COMMUNITY CLA COMMUNITY CLA COMMUNITY SEI COM	1 = 25 r 0= NONE SITION: ALYSIS SS: SS: SS: SS: SS: SS: SS:	PIONEEF	DEP DEP DEP DEP DEP	3 = 2 <ht, 0%="" 10="" 2="10" <="" bee<="" c\="" m="" mo="" none="" of="" ore="" r="" td="" th="" to="" young="" ·=""><td>A A A A A A A A A A A A A A A A A A A</td><td>10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE</td><td>CCASIO</td><td>4= CVR > 60% 25 - 50 25 - 50 NAL A = A MATURE CODE:</td><td>BA: BUNDA G= FOR</td><td>> 50 > 50 > 50 NT DLD GROWTH (cm)</td></ht,>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIO	4= CVR > 60% 25 - 50 25 - 50 NAL A = A MATURE CODE:	BA: BUNDA G= FOR	> 50 > 50 > 50 NT DLD GROWTH (cm)
JUNDERSTOREY JU	SS: SS: ALYSIS SS: SS: SS: PE:	PIONEER RIABLE FICATION FOR	DEP DEP	3 = 2 <ht, 0%="" 10="" 2="10" <="" bee="" c)="" de<="" die="" fo="" m="" mo="" none="" of="" ore="" r="" td="" th="" to="" us="" young="" ·=""><td>A A A TTLES GANICOROCCI</td><td>10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE</td><td>g =</td><td>25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE:</td><td>BA: </td><td>> 50 > 50 > 50 > 50 NT OLD GROWTH (cm)</td></ht,>	A A A TTLES GANICOROCCI	10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE	g =	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE:	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH (cm)
JUNDERSTOREY GRO. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITY CL COMMUNITY CL COMMUNITY SEE ECOSITE: DF VEGETATION TY DF SUG	S: LASSI ASS: RIES:	PIONEEF	DEP DEP	3 = 2 <ht, 0%="" 10="" 2="10" <="" bee="" c)="" de<="" die="" fo="" m="" mo="" none="" of="" ore="" r="" td="" th="" to="" us="" young="" ·=""><td>A A A TTLES GANICOROCCI</td><td>10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE</td><td>CCASIO</td><td>25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE: CODE: CODE:</td><td>BA: </td><td>> 50 > 50 > 50 NT DLD GROWTH (cm)</td></ht,>	A A A TTLES GANICOROCCI	10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE	CCASIO	25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE: CODE: CODE:	BA:	> 50 > 50 > 50 NT DLD GROWTH (cm)
JUNDERSTOREY GRO, LAYER TO CODES: CVR CODES STAND COMPOS STANDING SNAC STANDING SNAC STANDING SNAC COMM. AGE: COMM. AGE: COMMUNITY CL COMMUNITY SEI COMMUNITY SEI COSITE: D-F VEGETATION TY	S: S: LASSI ASS: PE: ON	PIONEER RIABLE FICATION FOR	DEP DEP	3 = 2 <ht, 0%="" 10="" 2="10" <="" bee="" c)="" de<="" die="" fo="" m="" mo="" none="" of="" ore="" r="" td="" th="" to="" us="" young="" ·=""><td>A A A TTLES GANICOROCCI</td><td>10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE</td><td>g =</td><td>25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE:</td><td>BA: </td><td>> 50 > 50 > 50 > 50 NT OLD GROWTH (cm)</td></ht,>	A A A TTLES GANICOROCCI	10-24 10-24 10-24 10-24 0-0 MID-AGE MID-AGE	g =	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE:	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH (cm)

No Access.

ELC	SITE: T-Line
PLANT	POLYGON: Feature 4
SPECIES	DATE:
LIST	SURVEYOR(S):

LAYERS: 1 = CANOPY > 10m 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE 0 = OCCASIONAL A = ABUNDANT D = DOMINANT

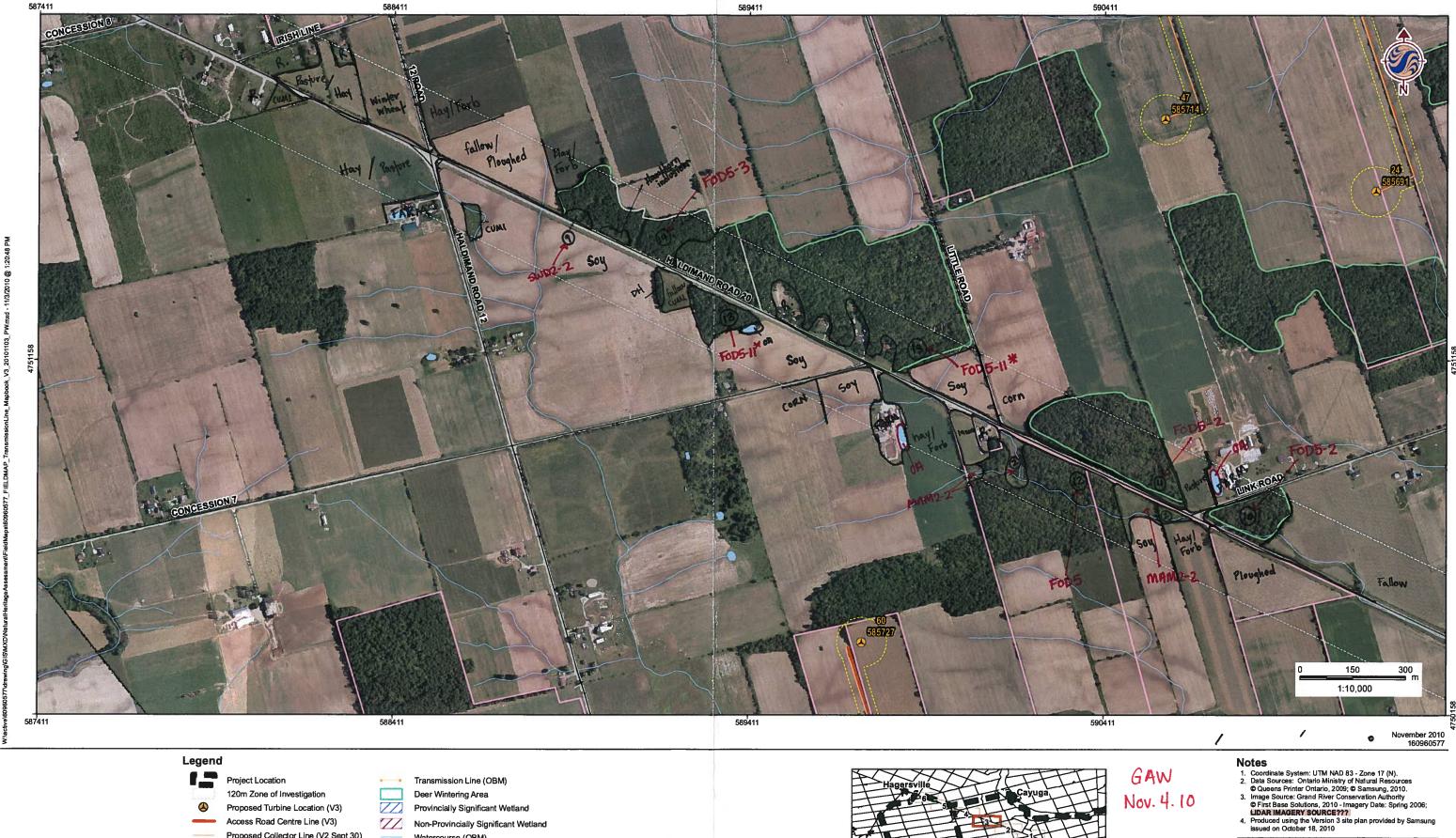
SPECIES CODE		LA	YER		54.4990 to 747	A = ABUNDANT D =		~	YER		1.40.
SPECIES CODE	1	2	3	4	COLL.	SPECIES CODE	1	2	3	4	COLL
Shaqbank	0	0									
GUERUBR	A	0		ιō							
ACESASA	D	D	A								
FAGGRAN	0	A	A			R					
TILAMER	0	0									
			247 444								
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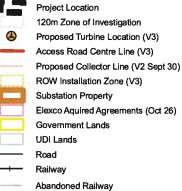
ELC	SITE:	10101	0646				_	ON: (15)		
COMMUNITY	SURVE	ror(s):	SAW		DATE:	Nov.	4.10		UTME:	
ESCRIPTION & LASSIFICATION	START:		END	1579 101	. T. H.		UTMZ:		UTMN:	
DLYGON DES	CRIP	TION		V						
SYSTEM		TRATE		GRAPHIC ATURE	HIS	TORY	PLAN	IT FORM	CO	AMUNITY
TERRESTRIAL WETLAND AQUATIC	☐ PARE	RAL SOIL	RIVER BOTTO TERR. VALLE	OMLAND ACE EY SLOPE ELAND UPLAND	SNATU CULT		GRAI GRAI GRAI GRAI GRAI GRAI GRAI GRAI	EN OPHYTE DUOUS	LAKE	D R EAM SH MP
SITE		B. BEDRK.	TALUS	S ICE / CAVE	C	OVER	CON	FEROUS O	MEA	RIE
OPEN WATER SHALLOW WATER	11.24	COLUMN TO SERVICE SERV	BEAC	CLAND CH / BAR DUNE	OPEN		3		SAV	ANNAH ODLAND
SURFICIAL DEP. BEDROCK	44	11.57	BLUF	10.00	TREE	D				VITATION
TAND DESC	RIPTIO	N: CVR	(>> MI	SPECIES UCH GREA	IN ORD	ER OF I	DECREA	ASING DO HAN; = AB	MINAN OUT EC	ICE IUAL TO)
CANOPY	4	3	PICG		1	muc ^e rr=	1	GHL/VIII.O		arm T
SUB-CANOPY	5	4	"		LVE	15.4		ALC:		
UNDERSTORE	6	4	CUMI	SP		The state of				
GRD. LAYER	7	4	// HT. 25 m .3	<u>■ 2<ht√10 r<="" u=""></ht√10></u>	n 4 = 1<	17-2m 5≠	0,5 <ht.1< th=""><th>m 6 = 0.2<h1< th=""><th>-0.5 m 3</th><th>= HT<0.2 m</th></h1<></th></ht.1<>	m 6 = 0.2 <h1< th=""><th>-0.5 m 3</th><th>= HT<0.2 m</th></h1<>	-0.5 m 3	= HT<0.2 m
GRD. LAYER T CODES: VR CODES	7 1 = >25 8= NON	# 2 = 10< E 1= 0%	// HT. 25 m .3	<u>■ 2<ht√10 r<="" u=""></ht√10></u>	n 4 = 1 <f VR < 25%</f 	17-2 m 5 ≠ 3= 25 < C'	0.5 <ht:1 VR:: 60%</ht:1 	m 6 = 0.2 <hi 4= CVR > 50°</hi 	0.5 m 1	/ = HT<0.2 m
GRD. LAYER T CODES: VR CODES	7 1=>25 8= NON	m 2 = 10< E 1= 0%	// HT. 25 m .3	<u>■ 2<ht√10 r<="" u=""></ht√10></u>	n 4 = 1<1-	17-2m 5 = 3= 25 < C	VR . 60%	m 6 = 0.2 <h1 4= CVR > 50 25 - 50</h1 	*	> 50
GRD. LAYER F CODES: VR CODES TAND COMPO	1=>25 0= NON SITION	m 2 = 10< E 1= 0%	// HT-25 m 3 CCVR - 10%	= 2 <ht√10 r<br="">• 2≈ 10 < C</ht√10>	n 4=1<-	3= 25 < C	VR . 60%	4= CVR > 50	*	
GRD. LAYER F CODES: /R CODES TAND COMPO IZE CLASS AN TANDING SNA	7 1=>25 0= NON SITION IALYSIS	m 2 = 10< E 1= 0%	// HT-25 m 3 CCVR - 10%	= 2<\f7.107 = 2= 10 < C	n 4=1<-	3= 25 < C	VR . 60%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50 > 50
GRD. LAYER CODES: /R CODES TAND COMPO ZE CLASS AN TANDING SNA EADFALL / LC	1 = >25 8= NON SITION ALYSIS GS: GS:	m 2 = 10< E 1= 0%	// HT-25 m 3 CCVR - 10%	= 2 <ht,10 r<br="">= 2< HT,10 r = 2= 10 < C < 10 < 10 < 10</ht,10>	n 4=1 <h< td=""><td>10 - 24 10 - 24 10 - 24</td><td>VR . 60%</td><td>25 - 50 25 - 50 25 - 50</td><td>*</td><td>> 50 > 50 > 50 > 50</td></h<>	10 - 24 10 - 24 10 - 24	VR . 60%	25 - 50 25 - 50 25 - 50	*	> 50 > 50 > 50 > 50
GRD. LAYER T CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA EADFALL / LC BUNDANCE COD	1 = >25 8= NON SITION ALYSIS GS: GS:	m 2 = 10< E 1= 0%	// HT: 25 m 3 CCVR \ 10%	= 2 <ht.10 r<br="">= 2<ht.10 r<br="">= 2= 10 < C = 10 = 10 = 10 = 10 = 10 = 10</ht.10></ht.10>	VR , 25%	10 - 24 10 - 24 10 - 24	VR . 60%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50 > 50
GRD. LAYER T CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA DEADFALL / LC BUNDANCE COE COMM. AGE:	1 = >25 0= NON SITION SITION ALYSIS GS: DES:	L	N = NC	< 10 < 10 < 10 ONE - R	VR , 25%	10 - 24 10 - 24 10 - 24 0 = MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 DNAL A =	BA:	> 50 > 50 > 50 > 50 ANT
GRD. LAYER CODES: /R CODES TAND COMPO ZE CLASS AN TANDING SNA EADFALL / LC BUNDANCE COD OMM. AGE:	1 = >25 0= NON SITION SITION ALYSIS GS: DES:	L	N = NC	<pre></pre>	NR , 25%	10 - 24 10 - 24 10 - 24 0 = MID-AGE	VR . 60%	25 - 50 25 - 50 25 - 50 DNAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
GRD. LAYER F CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA EADFALL / LC BUNDANCE COD COMM. AGE: COL ANALYS EXTURE: ROISTURE:	1 = >25 6= NON SITION SALYSIS GS: DGS: DES:	2 10< E 1= 0% -	N = NC DEP1 DEP1	= 2-HT, 10 r = 2-HT, 10 r = 10 < C < 10 < 10 < 10 OUNG TH TO MC TH OF OF	R = RARE	10 - 24 10 - 24 10 - 24 0 = MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 DNAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
GRD. LAYER F CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA EADFALL / LC BUNDANCE COD COMM. AGE: COL ANALYS EXTURE: ROISTURE:	1 = >25 6= NON SITION SALYSIS GS: DGS: DES:	2 10< E 1= 0% -	N = NC DEP1 DEP1	<pre></pre>	R = RARE	10 - 24 10 - 24 10 - 24 0 = MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 DNAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
GRD. LAYER T CODES: VR CODES TAND COMPO SIZE CLASS AN STANDING SNA DEADFALL / LC BUNDANCE COC COMM. AGE: GOIL ANALYS TEXTURE: HOMOGENEOL	1 = >25 0= NON SITION SITION ALYSIS GS: DES: DES: DES: DES: DES: DES: DES:	PIONEE	N=NC R PP1 DEP1 DEP1 DEP1 DEP1 DEP1	= 2-HT, 10 r = 2-HT, 10 r = 10 < C < 10 < 10 < 10 OUNG TH TO MC TH OF OF	R = RARE	10 - 24 10 - 24 10 - 24 0 = MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A=	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
GRD. LAYER T CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA DEADFALL / LC BUNDANCE COC. COMM. AGE: COMM. AGE: HOMOGENEOU COMMUNITY C	T = >25 0= NON SITION SITION ALYSIS GGS: DGS: DGS: DES:	PIONEE	N = NC R DEPT D	< 10 < 10 < 10 ONE · R OUNG	R = RARE	10 - 24 10 - 24 10 - 24 0 = MID-AGE 3/GLEY SS:	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A=	BA: ABUND G=	> 50 > 50 > 50 ANT OLD GROWTH (cm)
GRD. LAYER T CODES: VR CODES TAND COMPO IZE CLASS AN TANDING SNA DEADFALL / LC BUNDANCE COC COMM. AGE: COMM. AGE: COMMUNITY COMMUNITY C	7 1=>25 0= NON SITION SITION GS: DES: DES: DES: LASS: ERIES:	PIONEE PIONEE ARIABLE Cul-	N = NC N	< 10 < 10 < 10 ONE · R OUNG	R = RARE	10 - 24 10 - 24 10 - 24 0 = MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE	BA: ABUND G=	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)
GRD. LAYER IT CODES: EVEN CODES STAND COMPO SIZE CLASS AN STANDING SNA DEADFALL / LC ABUNDANCE COC COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY S	T = >25 0= NON SITIO	PIONEE	DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION:	< 10 < 10 < 10 < 10 ONE - R OUNG	TERREDITILES	10 - 24 10 - 24 10 - 24 0 = MID-AGE 8/GLEY SS: K:	g =	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE CODE: CODE:	BA: ABUND G= CU CU CU	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm) (cm)
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A GRD. LAYER IT CODES: CVR CODES STAND COMPO SIZE CLASS AN STANDING SNA DEADFALL / LC ABUNDANCE COC COMM. AGE: MOISTURE: MOISTURE: HOMOGENEOU COMMUNITY COMMUNITY C COMMUNITY S ECOSITE: C	January 1 = >25 0= NON SITION SITIO	PIONEE PIONEE ARIABLE Cub Cub	DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION: DEPTION:	< 10 < 10 < 10 < 10 ONE - R OUNG	TERREDITILES	10 - 24 10 - 24 10 - 24 0 = MID-AGE 8/GLEY SS: K:	g =	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE CODE: CODE:	BA: ABUND G= CU CU CU	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm) (cm)

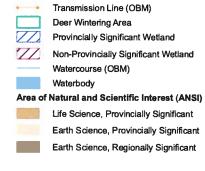
ELC	SITE: Transmission Line
	POLYGON: Feature 6
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

		LA	ÆR.		COLL.	SPECIES CODE	. Eyo	LA	YER		COLL
SPECIES CODE	1	2	3	4	COLL.	W. C. S.	1	2	3	4	COLL
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Nov. 4.10

Client/Project

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

Figure No.

FIELD MAP 3

TRANSMISSION LINE -**MAPBOOK**

Stantec	70-1 Sout Guelph, C N1G 4P5 Tel: (519)	onsulting Ltd. hgate Drive Ontario, Canada 836-6050) 836-2493			Habitat sment T-line
Project Number	61010646	y awa 5 daya -	Project Name	: Samsung	
Date / Time:	. 4.10		Field Person	nel: GAW	
Weather Conditions:	Temp:	Wind:	Cloud: 1007.	PPT: light rain	PPT in last 24 hrs:
Reptile Hibernacus puried concrete or rock ock crevices or inactive Does the site confidescribe details in Ta	(e.g. foundations animal burrows tain potentia	s, bridge abutment)	s or culverts with c	racks/entry points, ex	xposed Unknown

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?

Yes No (if yes,

UTM	Feature type	Photo #	Description	Species observed using feature
		, ti	n renewal and the	
	#11245-70	D. T.		

Unknown

Species Observations

describe details in Table 1).

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	a	7	/	
BCCH BLJA NOHA				
	- "			

Woodland Assessment- complete 1 assessment for each woodland Woodlot # (indicate on map) : Polygon (2) Approximate age of stand Mature Are large (i.e. >40cmDBH and >25m tall) trees present Yes No Name Seen If yes, approximate # present or % of stand _ Location in stand (i.e throughout, in west side only, in FOD2-6 only etc..) None seen Are snags present? Yes No If yes provide characterization of number present, height and DBH of snags and indicate if they contain loose bark. Trees with cavities present? No Rare Occasional Abundant Unknown If present: Range of Tree Range of Cavity Cavity sizes Height ranges of Heights (approx. DBH tree diameter) BAT MAT Roost? None Seen Presence of large stick nests (i.e. raptor nests)? Yes No If yes, UTM and describe tree type, height and position in tree, size of nest, Unknown species present Evidence of disturbance? (i.e logging, roads, paths, ATV use, trails) Yes No If yes, describe_ Unknown Seeps/ springs present? Yes No If yes, Surrounding Habitat Seep/Spring # Description UTM Unknown Vernal Pools Present? ☐ Yes ☐ No Presence of shrub Location Depth of water Size of pool Presence of emergent/submergent logs at pond edge (diameter) veq?

ELC							1	GON: (12)	,	
COMMUNITY	SURVE	YOR(S):	BW	v	DATE:			`	UTME:	
DESCRIPTION & CLASSIFICATION	START		EN	ID			UTM		UTMN:	
POLYGON DES	SCRIP	TION	11							
SYSTEM	SUB	STRAT	ET	OPOGRAPHIC FEATURE	HISTO	RY	PLA	NT FORM	COI	MMUNITY
TERRESTRIAL WETLAND AQUATIC	☐ PARI	ANIC ERAL SOIL ENT MIN. BIC BEDRIK C BEDRIK		LACUSTRINE RIVERINE BOTTOMILAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND CLIFF	CULTUR		GR GR GR GR GR GR		LAKI PON RIVE STRI	ID :R EAM :SH :MP
SITE	CAR	B. BEDRK		TALUS CREVICE / CAVE	cov	ER	- CO	NIFEROUS	☐ BARI ☐ MEA ☐ PRA	DOW
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK		1891		ALVAR ROCKLAND BEACH / BAR SAND DUNE BLUFF	OPEN SHRUB				SAV	KET ANNAH ODLAND
STAND DESCR	RIPTIO	N:		From Fales (To	200 E 1 E 1	ie.	11-			
LAYER	нт	CVR	(>	SPECIES > MUCH GREA				ASING DOI THAN; = ABG		
CANOPY	1-2	410	ACE	SASA >> 6	Duercus	>FI	RAP	NN	2	= 51652
SUB-CANOPY	3	4	//		AGGRA		31-8	-0.5 TX		
UNDERSTOREY	4-5	4	11	> .	11	7-8-			1	
GRD LAVER	16-7		100							
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T CODES: CVR CODES	1 = >25 m 0= NONE	1= 0%	CVR V	10% 2= 10 < CV	/R 、25% 3=	25 < CVF	R < 60%	4= CVR > 60%	<u> </u>	
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AT CODES: CVR CODES STAND COMPOS STAND COMPOS STANDING SNAC SOMM. AGE: SOIL ANALYS! TEXTURE: MOISTURE: HOMOGENEOUS COMMUNITY CL COMMUNITY SE ECOSITE: D-F VEGETATION TY	T = >25 m on No. No. No. No. No. No. No. No. No. No.	PIONEE PIONEE PIONEE PIONEE AT 1	N= N= DE DE DE LON:	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	A 10 10 10 10 10 TILES / GI GANICS: DROCK:	25 < CVF	CCASIC	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE: C	BA: G=	> 50 > 50 > 50 NT OLD GROWTH (cm)
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ELC	SITE: T-Line	
	POLYGON: Feature 10	
PLANT SPECIES	DATE:	
LIST	SURVEYOR(S):	

LAYERS: 1 = CANOPY > 10m 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER

ABUNDANCE CODES: R = RARE 0 = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE	LAYER		COLL. 5	SPECIES CODE	LAYER				-/		
	1	2	3	4	CULL	SPECIES CODE	1	2	3	4	COL
FAGGRAN	0	A	A	_0							-
FRAPENN	A		nies n								
ACESASA	D	Þ	D								
Shaqbark	0	HG 1									
THAMER	0						†				
OSTVIRG		0									
QUERUBR	A				W						
QUEMACR	Α-(5									
		-	-								
										+	
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E	SCRIPTION & ASSIFICATION	START:		END	A STATE			UTMZ:		UTMN	-			
	LYGON DES	CRIPT	ION	- 11	Angelia E				16					
_	SYSTEM		TRATE		GRAPHIC ATURE	HIS	TORY	PLAN	IT FORM	co	MMUNITY			
W	ERRESTRIAL /ETLAND QUATIC	MINE PARE ACIDI BASK	ORGANIC MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK.		ANIC LACUSTR RAL SOIL BOTTOMI. TERRACE VALLEY S C BEDRK. ROLL UF		RINE TOMLAND RACE EY SLOPE ELAND L UPLAND F	-	CULTURAL		PLANKTON SUBMERGED FLOATING-LVD. GRAMINOID FORB LICHEN BYOPHYTE DECIDIOUS CONIFEROUS		LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN	
	SITE	CARI	B. BEDRK.		VICE / CAVE	C	OVER	MIXE		D PR	ADOW AIRIE			
Ps	PEN WATER HALLOW WATER JURFICIAL DEP. JEDROCK			ALVAR ROCKLAND BEACH / BAR SAND DUNE SLUFF		OPE	UB			THICKET SAVANNAH WOODLAND FOREST PLANTATION				
_	AND DESCR	RIPTIO	N:			412	U EA							
L	LAYER	HT	CVR	(>> ₩	IUCH GREA	ATER TH	AN; > GR	EATER T	ASING DO HAN: = AB	OUTE	NCE QUAL TO)			
ſ	CANOPY	1-2		ACES	ASA >>	FAG	GRAN	1>01	UERUB	R	The state of			
ľ	SUB-CANOPY	3	4	- 11	>	"	E 11							
	UNDERSTOREY	4.5	4	FAG	GRAN		<u> </u>							
	GRD. LAYER CODES:	6-7			- 6-10F 16	- 1= 12	17.2 m 5 m	n Selft 1	m 6 = 0.2 <h< td=""><td>1.0.5 m</td><td>7 = HT<0.2 m</td></h<>	1.0.5 m	7 = HT<0.2 m			
_	AND COMPO			A	< 10	Α	10 - 24	0	25 - 50		> 50			
7	ANDING SNA	GS:			< 10		10 - 24	_	25 - 50	-	> 50			
	ADFALL / LO			N = N	< 10 ONE : F	R = RARE	10 - 24	OCCASI	25 - 50 ONAL A =	ABUNI	> 50 DANT			
_	MM. AGE :		PIONEE	₹	roung		MID-AGE		MATURE		OLD GROWTH			
	OIL ANALYS	IS:						1		Jo-				
	XTURE:				TH TO MO			g =		G=	(cm)			
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						12	1							
	OMMUNITY C						201-01		CODE:	FC) well			
	OMMUNITY S				us For	rest			CODE:	Fo	D			
~	COSITE: D-				-		rest	1116	CODE:	FC	D5			
V	EGETATION TO	YPE:	naple	- k				rest	CODE:	For	5-2			
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		1 1 1 1 1 1 1	STEWART						CODE:		12 9010			
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	No la	rage to	rees s	seen.										
	No													
	NO	ACCC	:27.											

ELC	SITE: Transmission Line
	POLYGON: Feature 11
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE	LAYER		COLL	SPECIES CODE	LAYER				COLL.		
	1	2	3	4	COLL	SPECIES CODE	1	2	3	4	COLL
ACESASA	D	Α	A								
FAGGRAN	Α	Α	Α					- 1			
QUERUBR	Α										
FRAPENN	0									4	
PRUSERO	0							m=			
TILAMER	0		11				-				
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Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada

Feature 11

Stantec	N1G 4P5 Tel: (519)	836-6050) 836-2493			ssment T-line
Project Number	61010646	wand paper	Project N	lame: Samsung	
Date / Time:	4.10	th Mh-19Ut-	Field Per	rsonnel: GAW	
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rain
ouried concrete or rock ock crevices or inactive	(e.g. foundations animal burrows	s, bridge abutme s)	nts or culverts v	a route underground, inc with cracks/entry points, cures?	exposed
describe details in Ta Fable 1: Potential	tain potentia ble 1).	l bat hiberna nibernacula f	cula feature	es? ☐ Yes ☐ No (if	Unknown Unknown yes, Species
JTM	type		o# Des	cription	observed usir feature
	7 4 6 6	=======================================	in te milit e page	The factor of the second of th	149 140
	95 11 2	45		an in department of the	kri.
		THE TOTAL STREET			HS.
	of observation) = vocalization, OB = eggs, nest, HO = h	
Birds	Mamm	nals	Herps	Butterflies / Dragonflies	Other
e. AMRO/VO	/		/		

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	7	,		
1		1-		

Woodlot # (indicate on map) : Polygon (1) Approximate age of stand Mature Are large (i.e. >40cmDBH and >25m tall) trees present Yes No None Seen If yes, approximate # present or % of stand ____ Location in stand (i.e throughout, in west side only, in FOD2-6 only etc..) Are snags present? ✓ Yes No If yes provide characterization of number present, height and DBH of snags and indicate if they contain loose bark. Small ones only; loose bank vare. Trees with cavities present? \[\] No \[\] Rare \[\] Occasional \[\] Abundant \[\] Nome Seen If present: Height ranges of Range of Tree Range of Cavity Cavity sizes DBH Heights (approx. tree diameter) Bat Mat Roost? None seen Presence of large stick nests (i.e. raptor nests)? ☐ Yes ☐ No Unknown If yes, UTM and describe tree type, height and position in tree, size of nest, species present Evidence of disturbance? (i.e logging, roads, paths, ATV use, trails) Yes No If yes, describe_ Seeps/ springs present? Yes No If yes, Seep/Spring # UTM Description Surrounding Habitat Unknown Vernal Pools Present? ☐ Yes ☐ No If yes, Depth of water Location Size of pool Presence of Presence of shrubs, (diameter) emergent/submergent logs at pond edge veg?

Woodland Assessment- complete 1 assessment for each woodland

1/1
 Charakaa

Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5

Tel: (519) 836-6050

Feature 12

Wildlife Habitat **Assessment**

Stantec Fax: (519) 836-2493 Polygon 10 T-line Project Name: **Project Number** Samsung 161010646 Field Personnel: Date / Time: GAW Nov. 4.10 PPT: PPT in last Wind: Cloud: Temp: Weather 24 hrs: 10° 100%. light rain 2 Conditions: Rain

Reptile Hibernacula Features i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, expostrock crevices or inactive animal burrows)	
Does the site contain potential reptile hibernacula features? Yes No (if y describe details in Table 1).	es,
Bat Hibernacula Features i.e. karst topography, abandoned mines or caves	Unknown
Does the site contain potential bat hibernacula features? Yes No (if yes, describe details in Table 1).	

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed using feature
of Drei Harris	A MARIE MAR	yazzet e di	Topographic to sense 148	
and a second				
		F-111	rale . Timie . A set	

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den,

SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	Gr. Squirrel	/	1	117
			14	

			tand <u>№</u>	'					
If yes,	approxin	nate # p	resent or	% of	stand <u>Sc</u>	Hered	Yes No		
Location	on in star	nd (i.e thro	oughout, in v	west sid	e only, in FOE	02-6 only	/ etc)	r edge.	
If yes pr contain	ovide char loose bark	acterizati . One la	Yes I on of numberge, hollowse bould	per pres	sent, height a med. caviti	and DBI	of snags an	nd indicate i	f they with
	with cav				☐ Rare 🔯	Occas	ional 🗌 Abı	undant	
ermin #/	ke grasi	Height tree	ranges of	Rang DBH	e of Tree	Rang	ge of Cavity hts	Cavity siz (approx. diameter)	
	i syv Li	7-20	m	15-	45 cm	3-1	om	medium	
See Ak	DONE								
See Ak	DOVE					letter t			1
Mat F	Roos†?	Possibl	k nests	(i.e. rap	tor nests)?				Seen
Mat F Presei If yes, specie	nce of la UTM and s presen	Possiblinge sticed describ	ek nests be tree ty	(i.e. rap	eight and p	ositior	n in tree, siz	ze of nest	
Mat Fresei If yes, specie Evider	nce of la UTM and s presen	Possible rge stick describe the sturban	e k nests pe tree ty	(i.e. rap	eight and p	OSITION	n in tree, siz	ze of nest	
Presei If yes, specie Evider If yes,	Cros+? nce of la UTM and s presen nce of di describe	Possible rge stic describe t sturbar Extens	e k nests be tree ty nce? (i.e k	(i.e. rap	eight and p	ATV use	n in tree, siz	ze of nest Yes □ No	, D
Presei If yes, specie Evider If yes,	nce of di UTM and s presen nce of di describe	Possible rge stic describe t sturbar Extens	e k nests be tree ty nce? (i.e k	(i.e. rap	roads, paths,	ATV use	n in tree, siz	ze of nest Yes □ No	
Mat Fresei If yes, specie Evider If yes, Seeps	nce of di UTM and s presen nce of di describe	Possible rge stice describe t sturbare Extens s preser	e k nests be tree ty nce? (i.e k	(i.e. rap	roads, paths, seen in e	ATV use	n in tree, siz	ze of nest Yes □ No	, D
Mat Fresei If yes, specie Evider If yes, Seeps	nce of di UTM and s presen nce of di describe	Possible rge stice describe t sturbare Extens s preser	e k nests be tree ty nce? (i.e k	(i.e. rap	roads, paths, seen in e	ATV use	n in tree, siz	ze of nest Yes □ No	, D
Presei If yes, specie Evider If yes, Seep/Sp	rce of la UTM and s present nce of di describe / springs	Possible rge stice describe sturban Extens presei	e k nests be tree ty nce? (i.e k	ogging, i	roads, paths, seen in e	ATV use	n in tree, siz	Yes No	, D
Presei If yes, specie Evider If yes, Seeps Seep/Sp	rce of la UTM and s present nce of di describe / springs	Possible rge stick describe sturbar Extenses present	ek nests pe tree ty nce? (i.e k	(i.e. rapipe, here)	roads, paths, seen in e	ATV use	n in tree, siz	Yes No	nown

Stantec	70-1 Sout Guelph, C N1G 4P5 Tel: (519)	Consulting Ltd. Ingate Drive Ontario, Canada 836-6050) 836-2493	Hark G		e Habitat ssment
Project Number	61010646		Project Na	, ,	
Date / Time:	1.4.10	U ₁ W ₂ u ₂	Field Perso	onnel:	
Weather Conditions:	Temp:	Wind:	Cloud: 1007.	PPT: light rain	PPT in last 24 hrs:
Reptile Hibernacu puried concrete or rock ock crevices or inactive Does the site cont describe details in Ta Bat Hibernacula F	(e.g. foundations animal burrows ain potentia ble 1).	s, bridge abutme i) I reptile hibei	nts or culverts with	h cracks/entry points, res? ☐ Yes ☐ N	exposed Unknown o (if yes,
Does the site cont describe details in Ta		l bat hiberna	cula features	? ☐ Yes ☐ No (if	Unknown yes,
Table 1: Potential					
JTM	Fea type		o # Descri	ption	Species observed

UTM	Feature type	Photo #	Description	Species observed using feature
	Test?			
4 2 20 10 7 2 110 4 20	2,116=			

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed,

DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den,
SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	7	1	,	
AMCR				/

Approx	imate a	ge of st	tandM	ature					
						. — .,		1150	~~
If yes, a	pproxim	ate # pr	resent or	% of s	es presen stand e only, in FOD			None See	
Locatio	n in stan	a (no unc	agnout, in	mode alde	, only, in i OL	a d offing c			<u></u>
If yes pro	vide chara	acterization	Yes I on of numb Small	oer pres	ent, height a	and DBH	of snags ar	nd indicate if	they
Trees v		ities pr	esent? [] No [☐ Rare □	Occasio	nal 🗌 Ab	undant	lone Seen
		Height tree	ranges of	Range	e of Tree	Range Height	of Cavity s	Cavity siz (approx. diameter)	
				1 E ^l relar	the man				
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	Roost ?			(i.e. rapi	tor nests)?	☐ Yes	□No	=	
Present If yes, the species	JTM and	r ge stic I describ	ck nests be tree ty	/pe, he		osition	in tree, si		one Seen
Present yes, the species Eviden	JTM and	rge stic I describ t sturbar	ck nests be tree ty	/pe, he	eight and p	osition	in tree, si		one Seen
Present yes, to species Evident If yes, o	JTM and present a present	rge stic I describ	ck nests oe tree ty	logging, i	roads, paths,	ATV use,	in tree, si	Yes 🗌 No	one Seen O Unknown
Present from the species Evident If yes, of Seeps/	JTM and s present ce of didescribe	rge stic I describ	ck nests oe tree ty	/pe, he	eight and p	ATV use,	in tree, si	Yes 🗌 No	one Seen
Present from the species Evident If yes, o	JTM and s present ce of didescribe	rge stic I describ sturbar	ck nests oe tree ty	/pe, he	roads, paths,	ATV use,	in tree, si	Yes 🗌 No	one Seen O Unknown
Present from the species Evident If yes, of Seeps/	JTM and s present ce of didescribe	rge stic I describ sturbar	ck nests oe tree ty	/pe, he	roads, paths,	ATV use,	in tree, si	Yes 🗌 No	one Seen O Unknown
Present yes, I species Evident yes, I seeps/Speep/Speep/Speep	JTM and present the present th	rge stic I describ sturbar s prese	ck nests be tree ty	res Descri	roads, paths,	ATV use,	in tree, si	Yes No	ONE SEEN Unknown Unknown
Present from the species Evident from Seeps/Speep/Spee	JTM and present the present th	sturbar	ck nests be tree ty nce? (i.e) nt? \(\backsquare	Yes Descri	roads, paths, No	ATV use, If y	in tree, si	Yes No	one Seen Unknown Unknown Unknown Unknown
Present yes, I species Evident If yes, I seeps/Species	JTM and present the present th	sturbar	ck nests be tree ty	Yes Descri	roads, paths,	ATV use, If yes, ool	trails) ves, Burrounding	Yes No	ONE SEEN Unknown Unknown
Present from the species Evident from Seeps/Speep/Spee	JTM and present the present th	sturbar	ck nests be tree ty nce? (i.e) nt? \(\backsquare	Yes Descri	roads, paths, No ription	ATV use, If yes, ool	trails) ves, Surrounding	Yes No	One Seen Onknown Unknown Unknown Onknown Presence of s
Present from the species Evident from Seep/Sp	JTM and present the present th	sturbar	ck nests be tree ty nce? (i.e) nt? \(\backsquare	Yes Descri	roads, paths, No ription	ATV use, If yes, ool	trails) ves, Surrounding	Yes No	One Seen Onknown Unknown Unknown Onknown Presence of s

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Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5 Tel: (519) 836-6050

Feature 13

Wildlife Habitat **Assessment**

	Fax: (519)	836-2493	na cle	I la sone p	Polygon (13)	T-line				
Project Number	010646	entervent (aut a	Proj	Project Name: Samsung						
Date / Time:	4. 10	macanyla să sa	Field	Field Personnel:						
Weather Conditions:	Temp:	Wind:	Clou	ud: 1007	PPT: light rain	PPT in last 24 hrs: Rain				
Reptile Hibernacula uried concrete or rock (e ock crevices or inactive a Does the site conta escribe details in Tabl Bat Hibernacula Fe Does the site conta	e.g. foundations animal burrows ain potential le 1). eatures i.e. k ain potential	s, bridge abutme) I reptile hibe arst topograph	rnacula	rerts with crace features?	cks/entry points, e	xposed (if yes, Unknown Unknown				
escribe details in Tabl	VI-12					yes,				
able 1: Potential b	VI-12	ture Phot		identified Description		Species				
escribe details in Tabl able 1: Potential b	oat/reptile h	ture Phot				Species observed usin				
able 1: Potential b	oat/reptile h	ture Phot				Species observed using				

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, OP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO RTHA	Gr. Squirrel			1

		ge of stan	•				
If yes, a	pproxim	nate # prese	ent or %	of stand	nt Yes N D2-6 only etc)	O None Se	en —
If ves pro	vide char	sent? X Y acterization of Several	f number of	present, height ags with so	and DBH of snags ome loose bank	and indicate if	they
	vith cav				Occasional A		
ii proodi		Height rang		ange of Tree 3H	Range of Cavity Heights	y Cavity siz (approx. diameter)	
	18	7-15m	Garley H.	5-20 cm,	2-4m	mediur	n
			1		1		
Presen	ce of la		iests (i.e.		☐ Yes ☐ No	oize of post	
Presen	ce of la	i rge stick r d describe t	iests (i.e.		☐ Yes ☐ No position in tree,	size of nest	Unknown
Present f yes, t species Eviden	JTM and present	rge stick r d describe t t isturbance	ests (i.e. tree type,	height and			Unknown
Present If yes, Uspecies Evident If yes, Consequent Seeps/	ce of la JTM and present ce of di describe	rge stick r d describe f t isturbance s present?	ree type, (i.e loggi	height and parties, roads, paths,	ATV use, trails)	Yes No	Unknown
Present f yes, to species Evident If yes, o	ce of la JTM and present ce of di describe	rge stick r d describe t t isturbance	ree type, (i.e loggi	height and parts, roads, paths,	ATV use, trails)	Yes No	Unknown Unknow
Present If yes, Uspecies Evident If yes, Consequent Seeps/	ce of la JTM and present ce of di describe	rge stick r d describe f t isturbance s present?	ree type, (i.e loggi	height and parties, roads, paths,	ATV use, trails)	Yes No	Unknown Unknow
Presen If yes, Uspecies Eviden If yes, Co Seeps/ Seep/Sp	ce of la JTM and present ce of di describe spring ring #	irge stick red describe to the sturbance spresent?	ree type, (i.e loggi	height and paths, ng, roads, paths, No escription	ATV use, trails) If yes, Surroundir	Yes ☐ No	Unknown Unknow
Presen If yes, Uspecies Eviden If yes, Co Seeps/ Seep/Sp	ce of la JTM and present ce of di describe spring ring #	rge stick red describe to the sturbance spresent?	ree type, (i.e loggi	height and paths, ng, roads, paths, line No escription	ATV use, trails) If yes, Surroundir If yes, pol Presence	Yes No	Unknown Unknov Unknov

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COMMUNITY	SURVE	YOR(S):	SAN		DATE.	Nov.	1.10		UTME		
ESCRIPTION & ASSIFICATION	START:		END	e, w	1131	J 10=	UTMZ:		UTMN:		
LYGON DE	SCRIP	TION	A ::2					MANAGE		100 D 1077	
SYSTEM	SUBS	STRATE		OGRAPHIC EATURE	HIS	STORY	PLAN	IT FORM	CON	IMUNITY	
TERRESTRIAL WETLAND AQUATIC	ORGANIC MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK.		VERAL SOIL RENT MIN. DIDIC BEDRK. VERALE SOIL TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND			CULTURAL SI		PLANKTON SUBMERGED FLOATING-LVD. GRAMINOID FORB LICHEN BRYOPHYTE DECIDUOUS		LAKE POND RIVER STREAM MARSH SWAMP FEN BOG	
SITE		B. BEDRK	CLI		C	OVER	CON	IFEROUS D	BARI	DOW	
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	780	n ngina Na Marana	RO BE	/AR CKLAND ACH / BAR ND DUNE	OPE SHR	UB			SAV	PRAIRRE THICKET SAVANNAH WOODLAND FOREST PLANTATION	
TAND DESC	RIPTIO	N:		SPECIES	IN ORI	DER OF D	ECRE/	ASING DO	MINAN	CE	
LAYER	НТ	CVR		MUCH GREA	TER TH	AN; > GRE	ATER T	HAN; = AB	OUT EQ	UAL TO)	
CANOPY	1-2	4	ACE	SASA					+N	111	
SUB-CANOPY	3	4	1)	>3	shaglo	ark = F	AGG	KAN	7 Egg		
UNDERSTORE	Y 4-5	4	11	> F	AGG	RAN			16. 1		
GRD. LAYER	6-7			3 = 2 <ht 10="" :="" i<="" td=""><td></td><td></td><td>. </td><td>- 4-07-4</td><td>.05m 3</td><td>a HT<0.2 m</td></ht>			. 	- 4-07-4	.05m 3	a HT<0.2 m	
TAND COMPO			Ą	< 10	A	10 - 24	A	25 - 50	BA:	> 50	
TANDING SNA	AGS:			< 10		10 - 24					
			- 11					25 - 50	1_	> 50	
	GS:		N=	< 10	R = RARE	10 - 24	CCASIO	25 - 50	ABUND	> 50	
BUNDANCE CO	GS:	PIONEE	-	< 10	R = RARE	10 - 24	DCCASIC	25 - 50	ABUND	> 50	
BUNDANCE COL COMM. AGE :	OGS: DES:	PIONEE	-	< 10 NONE R	R = RARI	10 - 24	DCCASIO	25 - 50 ONAL A =	ABUND	> 50 ANT	
BUNDANCE COLOMM. AGE :	OGS: DES:	PIONEE	R	< 10 NONE R	I	10 - 24 0 = 0	g =	25 - 50 ONAL A =	ABUND G=	> 50 ANT OLD GROWTH	
BUNDANCE COLOMM. AGE : OIL ANALY! EXTURE:	OGS: DES:	PIONEE	R DE	< 10 NONE R YOUNG	OTTLES	10 - 24 E O = C MID-AGE		25 - 50 ONAL A =	L CONTRACTOR	> 50 ANT OLD GROWTH (cm)	
BUNDANCE COI COMM. AGE : COIL ANALY! EXTURE: ROISTURE:	OGS: DES: SIS:		DEI	< 10 NONE · R YOUNG	OTTLES	10 - 24 E 0 = 0 MID-AGE S/GLEY CS:		25 - 50 ONAL A =	L CONTRACTOR	> 50 ANT OLD GROWTH	
BUNDANCE COI COMM. AGE : SOIL ANALYS TEXTURE: MOISTURE: HOMOGENEO!	OGS: DES: SIS:	ARIABLE	DEI DE	< 10 NONE - R YOUNG TH TO MC	OTTLES	10 - 24 E 0 = 0 MID-AGE S/GLEY CS:		25 - 50 ONAL A =	G=	> 50 ANT OLD GROWTH (cm)	
BUNDANCE COIL ANALYS TEXTURE: HOMOGENEO	DGS: DES: DES: DES:	ARIABLE	DEI DEI	< 10 NONE - R YOUNG TH TO MC	OTTLES	10 - 24 E 0 = 0 MID-AGE S/GLEY CS:		25 - 50 ONAL A =	L CONTRACTOR	> 50 ANT OLD GROWTH (cm)	
BUNDANCE COIL ANALYS FEXTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY	DGS: DES: DES: SIS: US / V/CLASS:	ARIABLE SIFICAT Fore	DEI DEI	< 10 NONE · R YOUNG PTH TO MC PTH OF OF PTH TO BE	OTTLES	MID-AGE MID-AGE S/GLEY CS: K:		25 - 50 ONAL A = MATURE	G=	> 50 ANT OLD GROWTH (cm) (cm)	
BUNDANCE COIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY COMMUNITY S	DGS: DES: DES: US / V/ CLASS: CLASS: BERIES:	ARIABLE SIFICAT Fore Deci	DE DE DE CON:	< 10 NONE . R YOUNG PTH TO MC PTH OF OF PTH TO BE	OTTLES RGANK EDROC	MID-AGE MID-AGE S/GLEY CS: K:		25 - 50 ONAL A = MATURE	G= FO FOI	> 50 ANT OLD GROWTH (cm) (cm)	
DEADFALL / LC ABUNDANCE COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY COMMUNITY S ECOSITE: D- VEGETATION D-F Supposed	OGS: DES: DES: US / V/ CLASS: BERIES:	ARIABLE SIFICAT Fore Deci	DEI DE DE ON:	<10 NONE . F YOUNG PTH TO MK PTH OF OF PTH TO BE US Fo DIE DE	DITLES RGANIC EDROC	10-24 E 0=C MID-AGE MID-AGE S/GLEY CS: K: Foves	g =	25 - 50 ONAL A = MATURE CODE: CODE:	G= FO FO FO	> 50 ANT OLD GROWTH (cm) (cm)	
SOIL ANALYS TEXTURE: MOISTURE: HOMOGENEOU COMMUNITY COMM	OGS: DES: DES: DES: DES: DES: DES: DES: DE	ARIABLE SIFICAT Fore Deci	DEI DE DE ON:	<10 NONE . F YOUNG PTH TO MK PTH OF OF PTH TO BE US Fo DIE DE	DITLES RGANIC EDROC	10-24 E 0=C MID-AGE MID-AGE S/GLEY CS: K: Foves	g =	25 - 50 ONAL A = MATURE CODE: CODE: CODE:	G= FO FO FO	> 50 ANT OLD GROWTH (cm) (cm)	
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BUNDANCE COIL ANALYSTEXTURE: WOISTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY COMMUNITY SECOSITE: D-VEGETATION D-F Sur INCLU	DGS: DES: DES: DES: DES: DES: DES: DES: DE	ARIABLE Fore: Deci	DEI DEI DEI DEI DEI DEI DEI DEI DEI DEI	<10 NONE . R YOUNG PTH TO MK PTH OF OF PTH TO BE US Fo DIE DE K- 3eech	DITLES RGANIC EDROC	10-24 E 0=C MID-AGE MID-AGE S/GLEY CS: K: Foves	g =	25 - 50 ONAL A = MATURE CODE: CODE: CODE: CODE:	G= FO FO FO	> 50 ANT OLD GROWTH (cm) (cm)	
SOIL ANALYS TEXTURE: MOISTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY COMMUNITY FECOSITE: VEGETATION D-F Sur INCLU INCLU RTH	OGS: DES: DES: DES: DES: DES: DES: DES: DE	ARIABLE SIFICAT Fore: Deci	DEE DE	<10 NONE . F YOUNG PTH TO MC PTH TO BE US Fo DIE DE K- Beech	DEC Val	10-24 E 0=0 MID-AGE MID-AGE S/GLEY CS: K: Foves	g = + s+	CODE: CODE: CODE: CODE: CODE: CODE:	FO FO FO	> 50 ANT OLD GROWTH (cm) (cm)	

ELC	SITE: Transmission Line
	POLYGON: Feature 13
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE	LAYER				COLL.	SPECIES CODE	*	LA	YER		COLL.
SPECIES CODE	1	2	3	4	COLL.	SPECIES CODE	1	2	3	4	COLL
ACESASA	D	D	В					П			->1 ==
FAGGRAN	0	A	A				Н				
TILAMER	0										
Shaqbank	0	0	Α					H			
QUERUBR	Q-	A									
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ELC				00.100.	YGON: (14)					
COMMUNITY	SURVE	YOR(S):			DATE:				UTME:	
DESCRIPTION & CLASSIFICATION	START	:	EN	<u> </u>		UTMZ:		UTMN	UTMN:	
POLYGON DES	CRIP	TION						•	tt u	
SYSTEM		STRATI	ETO	POGRAPHIC FEATURE	HISTORY	PLANT	FORM	CC	MMUNITY	
TERRESTRIAL WETLAND AQUATIC	☐ PAR	ERAL SOIL ENT MIN. DIC BEDRK	LACUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND		CULTURAL	URAL SUBMERGED FLOATINGLYD. GRAMINOID FORB LICHEN BRYOPHYTE DECIDIOUS		CAKE POND RIVER STREAM MARSH MARSH FEN BOG		
SITE	EN WATER ALLOW WATER RFICIAL DEP.		TALUS CREVICE / CAVE ALVAR ROCKLAND BEACH / BAR SAND DUNE BLUFF		COVER	MIXED	CONIFEROUS		BARREN MEADOW PRAIRIE THICKET SAVANNAH WOODLAND POREST PLANTATION	
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK					OPEN SHRUB					
STAND DESCR	IPTIO	N:	741	The state of the s		18 m		jey.		
LAYER	нт	CVR	(>>		IN ORDER OF I					
1 CANOPY	1-2	4			Quercus >			9= -		
SUB-CANOPY	3	4			Shagbark				=1/1	
UNDEDSTOREY	4-5	4	11		FAGGRAN					
UNDERSTOREY								1		
		1								
GRD. LAYER	b-7 1 = >25 r	n 2 = 10<			n 4 = 1 <ht-2 5="</td" m=""><td></td><td></td><td></td><td>7 = HT<0.2 m</td></ht-2>				7 = HT<0.2 m	
GRD. LAYER	b-7 1 = >25 r	n 2 = 10<			n 4 = 1 <ht√2 5="<br" m="">VR √25% 3= 25 < C1</ht√2>		= 0.2 <ht CVR > 60%</ht 		7 = HT<0.2 m	
GRD. LAYER OT CODES:	1 = >25 r	n 2 = 10< 1= 0%							7 = HT<0.2 m	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS	1 = >25 r 0= NONE	n 2 = 10< 1 = 0%				VR < 80% 4= 0		1	7 = HT<0.2 m	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS	1 = >25 r 0= NONE ITION:	n 2 = 10< 1 = 0%	CVR	10% 2= 10 < C\	VR , 25% 3= 25 < C1	VR < 80% 4= 0	CVR > 60%	1	=	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10< 1 = 0%	A	< 10 < 10 < 10 < 10	A 10 - 24 10 - 24	VR < 50% 4= 0	5 - 50 5 - 50 5 - 50	BA:	> 50 > 50 > 50 > 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10< 1 = 0%	A	< 10 < 10 < 10 < 10	A 10 - 24 10 - 24	2: 2: 0CCASIONAL	5 - 50 5 - 50 5 - 50 A = A	1	> 50 > 50 > 50 > 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10< 1 = 0%	A N=	< 10 < 10 < 10 < 10	A 10 - 24 10 - 24	2: 2: 0CCASIONAL	5 - 50 5 - 50 5 - 50	BA:	> 50 > 50 > 50 > 50	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE:	1 × >25 r 0= NONE ITION: LYSIS SS: SS: SS:	2 = 10< 1 = 0% <	A N=	< 10 < 10 < 10 < 10 NONE - R	A 10 - 24 10 - 24 10 - 24 RARE 0 = 6	2: 2: 0CCASIONAL	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE:	1 × >25 r 0= NONE ITION: LYSIS SS: SS: SS:	2 = 10< 1 = 0% <	A N=R	< 10 < 10 < 10 < 10 NONE - R	A 10 - 24 10 - 24 10 - 24 RARE 0 = 6	2: 2: 0CCASIONAL	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS	1 × >25 r 0= NONE ITION: LYSIS SS: SS: SS:	2 = 10< 1 = 0% <	A N=	< 10 < 10 < 10 < 10 NONE - R	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = (MID-AGE	2: 2 2: DCCASIONAL	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT	
4 GRD. LAYER AT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS TEXTURE: MOISTURE:	1 = >25 r 0 = NONE ITION: LYSIS SS: SS: SS:	n 2 = 10<1 1 = 0% <	A N = R DEI	< 10 < 10 < 10 < 10 < 10 NONE - R YOUNG	A 10 - 24 10 - 24 10 - 24 RARE 0 = 6 MID-AGE TTLES / GLEY GANICS:	2: 2 2: DCCASIONAL	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH	
GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS TEXTURE: HOMOGENEOUS	ITION: ITION:	n 2 = 10 1 = 0% - 1 = 0% - PIONEE	A N=R DEI	< 10 < 10 < 10 < 10 < 10 NONE - R YOUNG	A 10 - 24 10 - 24 10 - 24 RARE 0 = 6 MID-AGE TTLES / GLEY GANICS:	2: 2 2: DCCASIONAL	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITYCI	ITION: ITION: ILYSIS IS: IS: ITION: ILYSIS I	PIONEE	A DEI	< 10 < 10 < 10 < 10 < 10 NONE - R YOUNG	A 10 - 24 10 - 24 10 - 24 RARE 0 = 6 MID-AGE TTLES / GLEY GANICS:	2: 22: 22: 22: 24: 24: 24: 24: 24: 24: 2	5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH	
GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS TEXTURE: HOMOGENEOUS COMMUNITY CLASS HE COMMUNITY CLASS COMMUNITY CLASS HE CLASS ANA HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE COMMUNITY CLASS HE CLA	1 = >25 i	PIONEE	R DEI	< 10 < 10 < 10 < 10 < 10 NONE - R YOUNG PTH TO MO PTH OF ORC	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 10 - 25	O 2:	5 - 50 5 - 50 5 - 50 5 - 50 A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITY CLA COMMUNITY SEF	TIPON:	PIONEE	N= R DEE DEE DEE DEE DEE DEE DEE DEE DEE D	< 10 < 10 < 10 < 10 < 10 NONE R YOUNG PTH TO MO PTH OF ORG PTH TO BEE	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 TTLES / GLEY GANICS: DROCK:	CO CO CO CO CO CO CO CO	5 - 50 5 - 50 5 - 50 5 - 50 A = A FURE	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITY CLA COMMUNITY SEF ECOSITE: D-F	I T SE SE SE SE SE SE SE SE SE SE SE SE SE	PIONEE PIONEE PIONEE PIONEE PIONEE	DEI DEI DEI DEI MAPP	<10 < 10 < 10 < 10 < 10 NONE - R. YOUNG PTH TO MO'PTH OF ORE PTH TO BEE S Fove	A 10-24 10-24 10-24 10-24 10-24 MID-AGE TILES / GLEY GANICS: DROCK:	O 2:	5 - 50 5 - 50 5 - 50 5 - 50 A = A TURE DE: F	BA: BBUND G= OD FOD	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS TEXTURE: HOMOGENEOUS COMMUNITY CLA COMMUNITY SEF ECOSITE: D-F VEGETATION TYP D-F SUGO	I T T T T T T T T T T T T T T T T T T T	PIONEE PIONEE PIONEE PIONEE PIONEE	DEI DEI DEI DEI MAPP	<10 < 10 < 10 < 10 < 10 NONE - R. YOUNG PTH TO MO'PTH OF ORE PTH TO BEE S Fove	A 10 - 24 10 - 24 10 - 24 10 - 24 10 - 24 TTLES / GLEY GANICS: DROCK:	O 2:	5 - 50 5 - 50 5 - 50 5 - 50 A = A FURE DE: T DE: T	BA: BBUND G= OD FOD	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSIS TEXTURE: HOMOGENEOUS COMMUNITY CLA COMMUNITY SEF ECOSITE: D-F	ITION: IT	PIONEE PIONEE PIONEE PIONEE PIONEE	DEI DEI DEI DEI MAPP	<10 < 10 < 10 < 10 < 10 NONE - R. YOUNG PTH TO MO'PTH OF ORE PTH TO BEE S Fove	A 10-24 10-24 10-24 10-24 10-24 MID-AGE TILES / GLEY GANICS: DROCK:	CO CO CO CO CO CO CO CO	5 - 50 5 - 50 5 - 50 5 - 50 A = A TURE DE: F	BA: BBUND G= OD FOD	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	

No Access

ELC	SITE: T-Line	1 3					
PLANT	POLYGON: Feature 13						
SPECIES	DATE:						
LIST	SURVEYOR(S):						

LAYERS: 1 = CANOPY > 10m 2 = SUB-CANOPY 3 = UNDERSTOREY 4 = GROUND (GRD.) LAYER
ABUNDANCE CODES: R = RARE 0 = OCCASIONAL A = ABUNDANT D = DOMINANT

SPECIES CODE		LAYER			HEREALT TO	CONTRACTOR SERVICES	LAYER				Lagran
	1	2	3	4	COLL.	SPECIES CODE	1	_	_		COLL.
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FRAPENN	0	R	-4-							-	
PINSTRO	R	(=34)									
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Project Number	161010646		Project Name	: Samsun	7
Date / Time:	Jov. 4. 2010)	Field Personr		J
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rayn

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?

Yes No (if yes, describe details in Table 1).

Unknown

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed usi feature
	under 15 in 11			2 2

Species Observations

describe details in Table 1).

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, OP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO		ſ	0 /	/
/				
		<i>V</i> .		

				•	on 13		
Approx	cimate a	ge of st	and/	Natur	re	<u> </u>	
If yes, a	approxim	ate # pr	esent or	% of s	stand	t Yes No	None Seen
If yes pro contain l	ovide chara oose bark	acterization Severa	d small	er pres	d snags	and DBH of snags a	nk.
Trees			ranges of	`	_ Rare	Occasional Ab	
			Birth C	aneji.			P III
				1			
Preser		rge stic	k nests			☐ Yes ☐ No	ize of nest.
Preser If yes, species Evider	UTM and presented of di	rge stic I descrik t sturbar	ek nests be tree ty	pe, he	eight and p	Yes No position in tree, s	unknown Yes □ No
Preser If yes, species Evider If yes,	uce of la UTM and s presen uce of di describe	rge stic I descrik t sturbar	ck nests be tree ty	ogging, r	eight and p	ATV use, trails)	Yes No Unknew
Preser If yes, species Evider If yes,	uce of la UTM and s present ce of di describe	rge stic I descrik t sturbar	ck nests be tree ty	ogging, r	eight and p	oosition in tree, s	Unknown Yes No Unknown Unknown
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Preser If yes, species Evider If yes, Seeps Seep/Sp	ce of la UTM and s presen ce of di describe springs ring #	rge stic describ t sturbar preser	ck nests be tree ty nce? (i.e k nt? Y	ogging, r	roads, paths, No ription	ATV use, trails) If yes, Surrounding If yes, ol Presence of emergent/s	Unknown Yes No Unknown Habitat Unknown Of Presence

FLC	SITE:	161010	h46				POLY	(GON: (13)								
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SYSTEM		STRATE		OGRAPHIC ATURE	HIS	STORY	PLA	NT FORM	CO	MMUNITY						
TERRESTRIAL WETLAND AQUATIC	MINE PARE ACID	☐ ORGANIC ## MINERAL SOIL ☐ PARENT MIN. ☐ ACIDIC BEDRK. ☐ BASIC BEDRK. ☐ CARB. BEDRK.		MINERAL SOIL PARENT MIN. ACIDIC BEDRK.		MINERAL SOIL PARENT MIN. ACIDIC BEDRK.		MINERAL SOIL PARENT MIN. ACIDIC BEDRK.		LACUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND		CULTURAL		PLANKTON SUBMERGED FLOATING-LVD. GRAMINOID FORB LICHEN BRYOPHYTE DECIDUOUS		E ID IR EAM ISH
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OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK				CKLAND ACH / BAR ID DUNE FF	OPE SHR	JB .	0 =		THICKET SAVANNAH WOODLAND FOREST PLANTATION							
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TANDING SNA EADFALL / LO	GS:	E/LE	N = N		= RARE	10 - 24	CCASI	25 - 50 ONAL A = /	BUND	ANT						
TANDING SNA EADFALL / LO BUNDANCE COD	GS:	PIONEER	- 30			10 - 24	CCASI	25 - 50	ABUNDA							
TANDING SNA EADFALL / LO BUNDANCE COD COMM. AGE :	GS: ES:	PIONEER		ONE .R		10 - 24 O = 0 MID-AGE		25 - 50 ONAL A = /	BUNDA G=	OLD						
TANDING SNA EADFALL / LO BUNDANCE COD OMM. AGE: COIL ANALYS EXTURE:	GS: ES:	PIONEER	DEP	ONE .R	TTLES	10 - 24 0 = 0 MID-AGE	g =	25 - 50 ONAL A = /	L	OLD						
ETANDING SNA DEADFALL / LO BUNDANCE COD COMM. AGE: SQIL ANALYS EXTURE: MOISTURE:	GS: ES: IS:	J	DEP DEP	ONE · R	TTLES	10 - 24 0 = 0 MID-AGE / GLEY S:		25 - 50 ONAL A = /	L	OLD GROWTH						
ETANDING SNA DEADFALL / LO BUNDANCE COD COMM, AGE: COLL ANALYS EXTURE: HOMOGENEOU COMMUNITY	GS: ES: IS: S / VAI	RIABLE	DEP DEP DEP	ONE . R OUNG TH TO MO TH OF OR	TTLES	10 - 24 0 = 0 MID-AGE / GLEY S:		25 - 50 ONAL A = /	L	OLD GROWTH (cm)						
TANDING SNA EADFALL / LO BUNDANCE COD OMM. AGE: OIL ANALYS EXTURE: OISTURE: OMOGENEOU OMMUNITY CI	GS: ES: IS: S / VAI CLASS:	RIABLE IFICATION Fores	DEP DEP DEP	ONE ROUNG TH TO MO TH OF OR TH TO BEI	TTLES GANIC DROCK	10 - 24 0 = 0 MID-AGE / GLEY S:		25 - 50 ONAL A = /	G= Fo	OLD GROWTH (cm)						
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STANDING SNA DEADFALL / LO ABUNDANCE COD COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY CO COMMUNITY CO COMMUNITY SE ECOSITE: D-F	GS: ES: IS: IS: S / VA CLASS ASS: ERIES:	RIABLE IFICATION Fores Decido	DEP DEP DEP ON:	TH TO MO TH OF OR TH TO BEI	TTLES GANIC DROCK	10-24 0=0 MID-AGE /GLEY 5:]g = +	25 - 50 ONAL A = A MATURE CODE: CODE: CODE:	G= FO FOD:	OLD GROWTH (cm) (cm)						
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STANDING SNA DEADFALL / LO ABUNDANCE COD COMM. AGE: SOIL ANALYS FEXTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY SEECOSITE: D-F	GS: ES: IS: IS: S / VAI CLASS: ASS: ERIES: S YPE: Maple	RIABLE IFICATION Fores Decido	DEP DEP DEP ON:	TH TO MO TH OF OR TH TO BEI	TTLES GANIC DROCK	10-24 0=0 MID-AGE /GLEY 5:]g = +	25 - 50 ONAL A = A MATURE CODE: CODE: CODE: CODE:	G= FO FOD:	OLD GROWTH (cm) (cm)						

ELC	SITE: T-Line	2000				
	POLYGON: Feature 80					
PLANT SPECIES	DATE:					
LIST	SURVEYOR(S):					

SPECIES CODE	LAYE		YER		COLL	SPECIES CODE		LA	ren		COLI
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ELC	SITE:					1 0011	30N: (9)			
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DESCRIPTION & CLASSIFICATION	START:	intraces	END	Synthesis o	TESTICAL CONTRACTOR	UTMZ	(CANCE)	UTMN:		
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SYSTEM	-	TRATE		GRAPHIC ATURE	HISTORY	PLA	NT FORM	COM	MUNITY	
TERRESTRIAL WETLAND AQUATIC	ORGANIC MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK. CARB. BEDRK.		MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK. CLIFF CL		ERINE TTOMIAND TRACE LEY SLOPE SILELAND LL UPLAND FF		NKTON IMERGED ATING-LVD. MINOID IB IEN OPHYTE IDUOUS	MARSH SWAMI FEN BOG	POND RIVER STREAM MARSH SWAMP FEN	
SITE			TALU	IS VICE / CAVE	COVER	ON MIX	IIFEROUS ED	BARR MEAD PRAIR	WOO	6 6
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK			□ ROCI	KLAND CH / BAR D DUNE	OPEN SHRUB	No.		THICK	KET NNAH DLAND ST	
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4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS AND STANDING SNAM DEADFALL / LO	1=>25 m 0= NONE BITION: ALYSIS: GS: GS:	1 2 = 10 <h 1 = 0% <</h 	17,25 m 3 CVR \ 10%	= 2 <ht<10 10="" 10<="" 2="10" <="" c1="" i="" n="" th=""><th>A 10 - 24 10 - 24</th><th>VR < 60%</th><th>25 - 50 25 - 50 25 - 50</th><th>BA:</th><th>> 50 > 50 > 50 > 50</th><th>Acces</th></ht<10>	A 10 - 24 10 - 24	VR < 60%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50 > 50	Acces
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LIST	SURVEYOR(S):
SPECIES	DATE:
PLANT	POLYGON: Feature 13
ELC	SITE: T-Line

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Page of





Project Location 120m Zone of Investigation Proposed Turbine Location (V3) Access Road Centre Line (V3) Proposed Collector Line (V2 Sept 30) ROW Installation Zone (V3) Substation Property Elexco Aquired Agreements (Oct 26) Government Lands UDI Lands

Abandoned Railway

* Transmission Line (OBM) Deer Wintering Area Provincially Significant Wetland Non-Provincially Significant Wetland Watercourse (OBM) Area of Natural and Scientific Interest (ANSI) Life Science, Provincially Significant Earth Science, Provincially Significant Earth Science, Regionally Significant



GAW Nov. 4.10

Client/Project

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

Figure No.

FIELD MAP 2

TRANSMISSION LINE -MAPBOOK

Stantec	70-1 South			FEATURE 18 Wildlife Habitat Assessment Polygon (9)			
Project Number	,1010646		Project Name	Samsung -	T-Line		
Date / Time:	. 4. 2010		Field Personn	el: GAW			
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rain		

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features? \square Yes \square No (if yes, describe details in Table 1).

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	a 9	Feature type	Photo #	Description	Species observed usi feature
					11 11 11 11 11 11
- >		121 3			9

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, OP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO			/-	1
	-		- ^-	

Woodlot #	(indi	cate on map	: Fea	ture 18 1	Polygon 9)	
Approxima	ite aç	ge of stand _	Midag	2		
If yes, appro	oxima	ate # present	or % o	f stand <u>Ver</u>	nt X Yes No y Rave (~1) D2-6 only etc) from	
If yes provide	chara	ent? X Yes acterization of nu Only small sno	mber pr		and DBH of snags a loos e bark.	nd indicate if
Trees with	cavi	ties present	° □ No	☐ Rare ☐	Occasional	oundant A
and a second		Height ranges tree	of Rai	nge of Tree H	Range of Cavity Heights	Cavity siz (approx. diameter)
					THE RESERVE THE RE	
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Presence of the species presence of the species presence of the species presence of the species	of lar l and esent	ge stick nes describe tree	t s (i.e. r type,	height and		ze of nest,
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ELC	SITE: 16	51010	0676	,				ON: (9)		
COMMUNITY	SURVEY		GAN		DATE:	Nov.	4.10		UTME:	4 -
ESCRIPTION &	START:		END				UTMZ:		UTMN;	=
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OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK		o is A	□ ROO	CKLAND ACH / BAR ND DUNE	☐ OPEI	UB			☐ THICI ☐ SAVA ☐ WOO ☐ FORE ☐ PLAN	INNAH DLAND IST
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UNDERSTOREY	14-5	4	LUDKS	STOL						
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ELC	SITE: Transmission Line
	POLYGON: Feature 18
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

John Committee	100	LA	ÆR.		COLL.	A. Langue		LA	YER		COLL.
SPECIES CODE	1	2	3	4	COLL	SPECIES CODE	1	2	3	4	COLL
FRAPENN	D	D		Tall.	//						
ULMAMER		A					T			_	
ACERUBR	R		=		====W					40.00	v Fe
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ELC	SITE:						POL	GON: (10)		
COMMUNITY	SURVE	YOR(S)	â .		DATE:				UTME	:
DESCRIPTION & CLASSIFICATION	START		END				UTM	7	UTMI	V:
OLYGON DE	SCRIP	TION		10 mg 10 mg				2.000	Charles .	
SYSTEM	SUB	STRAT		OGRAPHIC EATURE	HI	STORY	PLA	NT FORM	CC	MMUNITY
TERRESTRIAL] WETLAND] AQUATIC	☐ PAR	ERAL SOIL ENT MIN. DIC BEDRING BEDRING	C. TAE	CUSTRINE ERINE, TTOMLAND RRACE LEY SLOPE BLELAND LL UPLAND	B NAT		SU FL GR D FO LIC	ANKTON BMERGED DATING-LVD. AMINOID RB HEN YOPHYTE CIDUOUS	□ MA	/ER REAM IRSH /AMP N
SITE	☐ CAR	B. BEDRK	. I TAL	US EVICE / CAVE	C	OVER		NIFEROUS	□ BA	RREN ADOW
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	Today	Err.	□ RO	CKLAND ACH / BAR ND DUNE	☐ OPE	IUB			SAY	
TAND DESCR	HT	N: CVR	(>> B					ASING DO		
CANOPY	1-2	4	ACES	ASA >>	FAGG	RAN >	> QU	ERUBR	>	HAMANK CONTRACTOR
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SUB-CANOPY							0.			
	4-5	4	FAG	GRAN						
UNDERSTOREY GRD. LAYER CODES:	6-7	n 2 = 10<	HT-25 m		4=1<			m 8 = 0.2 <ht 4= CVR > 60*</ht 		7 = HT<0.2 m
UNDERSTOREY GRD. LAYER CODES: R CODES TAND COMPOS	6-7 1=>25 r 0= NONE	n 2=10< = 1=0%	HT-25 m < CVR < 10	3 = 2 <ht 10="" \="" m<br="">% 2= 10 < C\</ht>	4 = 1<1-//r> /R < 25%	3= 25 < CV	R : 60%	4= CVR > 604	BA:	
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS	6-7 1=>25 r 0= NONE	n 2=10< = 1=0%	HT-25 m	3 = 2 <ht 10="" \="" m<br="">% 2= 10 < C\ < 10</ht>	4=1<	3= 25 < CV		4= CVR > 60°	8	> 50
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA	1 = >25 r 0= NONE SITION: ALYSIS	n 2=10< = 1=0%	HT-25 m < CVR < 10	3 = 2 <ht 10="" m<br="">% 2= 10 < CV < 10</ht>	4 = 1<1-//r> /R < 25%	3= 25 < CV	R : 60%	4= CVR > 60° 25 - 50 25 - 50	BA:	> 50
UNDERSTOREY GRD. LAYER GODES R CODES AND COMPOS ZE CLASS ANA ANDING SNAC	1 = >25 r the NONE SITION: ALYSIS 35:	n 2=10< = 1=0%	HT-25 m < CVR < 10°	\$ = 2 <ht 10="" m<br="">% 2= 10 < C\ < 10 < 10 < 10</ht>	4 = 1 <f></f> /R < 25%	10 - 24 10 - 24 10 - 24	R : 60%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50
UNDERSTOREY GRD. LAYER F CODES: //R CODES TAND COMPOS ZE CLASS ANA TANDING SNAC EADFALL / LOC BUNDANCE CODE	1 = >25 r the NONE SITION: ALYSIS 35:	n 2=10< = 1=0%	HT-25 m < CVR \ 10'	\$ = 2 <ht 10="" m<br="">% 2= 10 < C\ < 10 < 10 < 10</ht>	4 = 1 <f></f> /R < 25% A	10 - 24 10 - 24 10 - 24	R : 60%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50 > 50 ANT
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC ANDING SNAC ANDING SNAC UNDANCE CODE DMM. AGE:	1 = >25 r 0= NONE SITION: ALYSIS 3S: SS:	n 2=10< = 1=0%	HT-25 m < CVR \ 10'	3 = 2 <ht 10="" m<br="">% 2= 10 < CV < 10 < 10 < 10 ONE R:</ht>	4 = 1 <f></f> /R < 25% A	10 - 24 10 - 24 10 - 24 0 = 0	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 ONAL A = /	BA:	> 50 > 50 > 50 > 50 ANT
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC ANDING SNAC ADFALL / LOC UNDANCE CODE DMM. AGE:	1 = >25 r 0= NONE SITION: ALYSIS 3S: SS:	n 2=10< = 1=0%	HT .25 m < CVR < 10	3 = 2 <ht 10="" m<br="">% 2= 10 < CV < 10 < 10 < 10 ONE R:</ht>	A = 1<5%	10 - 24 10 - 24 10 - 24 0 = 0	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 ONAL A = /	BA:	> 50 > 50 > 50 > 50 ANT
GRD. LAYER GRD. LAYER CODES: R CODES AND COMPOS E CLASS ANA ANDING SNAC ADFALL / LOC JINDANCE CODE MM. AGE: KTURE:	1 = >25 r 0= NONE SITION: ALYSIS 3S: SS:	n 2=10< = 1=0%	HT 25 m < CVR < 10	\$ = 2 <ht.10 m<br="">% 2= 10 < C\ < 10 < 10 < 10 < 10 ONE R:</ht.10>	A = 1 <f></f> /R \ 25% A = RARE	3= 25 < CV 10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 ONAL A = /	BA:	> 50 > 50 > 50 > 50 ANT
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC EADFALL / LOC UNDANCE CODE DMM. AGE: DIL ANALYSI XTURE: DISTURE:	L = 725 r o= NONE O= NONE SITION: ALYSIS SS: SS:	2 = 10< = 1= 0%	N = NO	\$ = 2 <ht. 10="" m<br="">% 2= 10 < CV < 10 < 10 < 10 < 10 ONE -: R : 'OUNG</ht.>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 ONAL A = /	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC EADFALL / LOC UNDANCE CODE DMM. AGE: DIL ANALYSI EXTURE: DISTURE: DMMUNITYC	1=>25 r 0= NONE SITION: ALYSIS 3S: 3S: 3S: SS:	PIONEE	N=NOP	\$ = 2 <ht. 10="" m<br="">% 2= 10 < CV < 10 < 10 < 10 < 10 ONE · R : 'OUNG</ht.>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 DNAL A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC ANDING SNAC UNDANCE CODE DIMM. AGE: DIL ANALYSI XTURE: DISTURE: DIMMUNITYC	1=>25 r 0= NONE SITION: ALYSIS 3S: 3S: SS:	PIONEE	N=NOP	\$ = 2 <ht. 10="" m<br="">% 2= 10 < CV < 10 < 10 < 10 < 10 ONE · R : 'OUNG</ht.>	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R : 60%	25 - 50 25 - 50 25 - 50 25 - 50 DNAL A = A	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
UNDERSTOREY GRD. LAYER GODES AND COMPOS ZE CLASS ANA ANDING SNAC A	1=>25 r 0= NONE SITION: ALYSIS GS: GS: SS: SS: RIES:	PIONEE PIONEE PIONEE PIONEE PIONEE PIONEE	DEPT DEPT DEPT DEPT DEPT DEPT DEPT DEPT	\$ = 2 <hr/> HT (10 m) \$ 2 = 10 < CV \$ 10 \$	A Z5% A Z5% A Z5% FRARE TILES GANICS DROCK	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R : 60%	25 - 50 25 - 50 25 - 50 DNAL A = A MATURE	BA: R ABUND G= FO	> 50 > 50 > 50 > 50 ANT OLD (SROWTH (cm)
UNDERSTOREY GRD. LAYER CODES: R CODES AND COMPOS ZE CLASS ANA ANDING SNAC EADFALL / LOC UNDANCE CODE DMM. AGE: DIL ANALYSI XTURE: DISTURE: DMMUNITY CL DMMUNITY CL DMMUNITY SEI	1=>25 r 0= NONE SITION: ALYSIS GS: GS: SS: SS: RIES:	PIONEE PIONEE PIONEE PIONEE PIONEE PIONEE	DEPT DEPT DEPT DEPT DEPT DEPT DEPT DEPT	\$ = 2 <hr/> HT (10 m) \$ 2 = 10 < CV \$ 10 \$	A Z5% A Z5% A Z5% A Z5% TILES GANICS DROCK	3= 25 < CV 10 - 24 10 - 24 0 = 0 MID-AGE / GLEY S:	R : 60%	25 - 50 25 - 50 25 - 50 DNAL A = A MATURE	BA:	> 50 > 50 > 50 > 50 ANT OLD (SROWTH (cm)
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNACE BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS OMMUNITY CL OMMUNITY CL OMMUNITY SEI COSITE: D-F	S: S: LASSI ASS: S: S: S: S: S: S: S: S: S:	PIONEE PIONEE PIONEE PIONEE ATTENDATION PIONEE PIONEE PIONEE	N=NN-N=NDEPT	\$ = 2 <hr/> HT (10 m) \$ 2 = 10 < CV \$ 10 \$	A PROPERTY OF THE STANICS DROCK	3= 25 < CV 10 - 24 10 - 24 0 = 0 MID-AGE / GLEY S:	R · 60%	25 - 50 25 - 50 25 - 50 DNAL A = /	BA: R BBA: R BBUND BBUND FO FO FO FO FO FO FO FO FO FO FO FO FO	> 50 > 50 > 50 > 50 ANT OLD (SROWTH (cm)
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNACE BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS OMMUNITY CL OMMUNITY CL OMMUNITY SEI COSITE: D-F	S: LASSI ASS: FRIES: Suggestion The part of the par	PIONEE PIONEE PIONEE PIONEE ATTENDATION PIONEE PIONEE PIONEE	N=NN-N=NDEPT	S = 2 <ht 10="" \="" m<="" p=""> % 2= 10 < CV < 10 < 10 < 10 < 10 < 10 OUNG TH TO MOT TH TO BEE S Fove Dec.</ht>	A PROPERTY OF THE STANICS DROCK	3= 25 < CV 10 - 24 10 - 24 0 = 0 MID-AGE / GLEY S:	R · 60%	25 - 50 25 - 50 25 - 50 DNAL A = /	BA: R BBA: R BBUND BBUND FO FO FO FO FO FO FO FO FO FO FO FO FO	> 50 > 50 > 50 > 50 ANT OLD (SROWTH (cm)
UNDERSTOREY UNDERS	S: S: LASSI ASS: FRIES: Sug	PIONEE PIONEE PIONEE PIONEE ATTENDATION PIONEE PIONEE PIONEE	N=NN-N=NDEPT	S = 2 <ht 10="" \="" m<="" p=""> % 2= 10 < CV < 10 < 10 < 10 < 10 < 10 OUNG TH TO MOT TH TO BEE S Fove Dec.</ht>	A PROPERTY OF THE STANICS DROCK	3= 25 < CV 10 - 24 10 - 24 0 = 0 MID-AGE / GLEY S:	R · 60%	25 - 50 25 - 50 25 - 50 DNAL A = /	BA: R BBA: R BBUND BBUND FO FO FO FO FO FO FO FO FO FO FO FO FO	> 50 > 50 > 50 > 50 ANT OLD (SROWTH (cm)

ELC	SITE: T-Line
T. Wood St.	POLYGON: Feature 12
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

f.		LA	YER	(8)	10111111111111	A = ABUNDANT D =	No.			1111	
SPECIES CODE	1	2	3	P. 4 . (143)	COLL.	SPECIES CODE	1	2	YER 3	4	COLL
ACESASA	D	Α	A		. / 2010-1011	recorded the state of the state	+	4	3	•	
FAGGRAN	A	A	A				-				
QUERUBR	A	M						-1			
FRAPENN	0			1							
PRUSERO	0		-0								
TILAMER	0	200	-3								454
								3			
				+							
- M	<u>_1</u>										
			+	(A)	- 1/2	3-1				-51	
										+	
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Barchie 1904		T T		+	Cavi	A DINESS OF THE STATE OF THE ST	-		0	-	TX, E
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	S2729940	

Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5 Tel: (519) 836-6050

Feature 19

Wildlife Habitat **Assessment**

Project Number	161010646	and Bergin	Project Nan	ne: Samsung	УП) <u>.</u>
Date / Time: No	v.4.10		Field Perso	nnel: GAW	
Weather	Temp:	Wind:	Cloud:	PPT:	PPT in last
Conditions:	10°	2	100%	light rain	24 hrs: Rain
Ooes the site contescribe details in Ta	ble 1).				(if yes,
escribe details in Ta Bat Hibernacula F Does the site contescribe details in Ta Table 1: Potential	ble 1). Features i.e. katain potential ble 1). bat/reptile hit	urst topography, bat hibernac pernacula fea	abandoned mi ula features? utures identifi	nes or caves Yes No (if)	(if yes, Unknown ves,
escribe details in Ta Bat Hibernacula F Does the site confescribe details in Ta	ble 1). Features i.e. ka tain potential ble 1).	urst topography, bat hibernac pernacula fea	abandoned mi ula features? utures identifi	nes or caves Yes No (if)	(if yes,
escribe details in Ta Bat Hibernacula F Does the site confescribe details in Ta Table 1: Potential	ble 1). ceatures i.e. katain potential ble 1). bat/reptile hit	urst topography, bat hibernac pernacula fea	abandoned mi ula features? utures identifi	nes or caves Yes No (if)	Unknown ves, Species observed usin
escribe details in Ta Bat Hibernacula F Does the site confescribe details in Ta Table 1: Potential	ble 1). ceatures i.e. katain potential ble 1). bat/reptile hit	urst topography, bat hibernac pernacula fea	abandoned mi ula features? utures identifi	nes or caves Yes No (if)	Unknown ves, Species observed usin
escribe details in Ta Bat Hibernacula F Does the site contescribe details in Ta Table 1: Potential	ble 1). ceatures i.e. katain potential ble 1). bat/reptile hit	urst topography, bat hibernac pernacula fea	abandoned mi ula features? utures identifi	nes or caves Yes No (if)	Unknown ves, Species observed usin

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	/	/	2	,
BLJA				

		age of s	tandM	ature	ničali" iar	l lear			
	approxin	nate # pi	resent or	% of s	stand	o obs	Yes No served y etc) from	edge.	
Are sna If yes pro	ags pre	sent? []	☑ Yes ☐ on of numb	No per pres	ent, height a	nd DBi	H of snags an	d indicate if	they
Trees v		4		غالطا		13.83	sional Abu		
Wind Sur		tree	ranges of	DBH	e of Tree	Heig	ge of Cavity hts	Cavity siz (approx. diameter)	
one see	en:	15m	isi ali ip	20 cr	Y THE STATE OF	٦.	n	mediun	n.
		Pania 1				Q ETO			
Presen	ce of la	_	k nests	•	or nests)?			e of nest	
Presen If yes, l	ce of la	ı rge stic d descrit	k nests	•	•		s □ No n in tree, siz		unknown
Presen If yes, Uspecies Eviden	JTM and present	arge stic d describ t isturbar	k nests be tree ty	pe, he	eight and p	ositio		1	unknown
Presen If yes, to species Eviden If yes, to Seeps/	JTM and spresent ce of didescribe	irge stic d describ it isturbar	ck nests be tree ty	ogging, r	eight and p	OSITION	n in tree, siz	∕es ☐ No	unknown
Presen If yes, to species Eviden If yes, to Seeps/	JTM and spresent ce of didescribe	arge stic d describ t isturbar	ck nests be tree ty	ogging, r	oads, paths, A	OSITION	n in tree, siz	∕es ☐ No	Unknown Unknown
Presen If yes, the species Eviden If yes, the species Seeps/	JTM and spresent ce of didescribe	irge stic d describ it isturbar	ck nests be tree ty	ogging, r	oads, paths, A	OSITION	n in tree, siz	∕es ☐ No	Unknown Unknown
Presen If yes, Uspecies Eviden If yes, Co Seeps/ Seep/Species	JTM and spresent described spring #	irge stic d describ it isturbar	ck nests be tree ty nce? (i.e.)	ogging, r	oads, paths, A	OSITION	yes, Surrounding	∕es ☐ No	Unknown Unknown
Presen If yes, Uspecies Eviden If yes, Co Seeps/ Seep/Species	JTM and spresent described spring #	isturbar UTM Present	ck nests be tree ty nce? (i.e.)	ogging, r	oads, paths, A	ATV use	yes, Surrounding	Yes No	Unknown Unknown
Presen If yes, Uspecies Eviden If yes, Co Seeps/ Seep/Spi	ce of dispersions and the series of dispersions #	isturbar UTM Present	ck nests be tree ty nce? (i.e.)	ogging, r	oads, paths, A	ATV use	yes, Surrounding Presence of emergent/su	Yes No	Unknown Unknown Unknown Unknown Presence of sh

ELC	SITE:				POLYGON: (8	,	
COMMUNITY DESCRIPTION &	SURVE	YOR(S):		DATE:		UTME:	
CLASSIFICATION	START	MALT.	END	P Hall	UTMZ:	UTMN:	
OLYGON DES	CRIP	TION			10 - 12 10 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		
SYSTEM	SUB	STRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FOR	COM	MUNITY
TERRESTRIAL WETLAND AQUATIC	☐ PARI	ERAL SOIL ENT MIN. DIC BEDRK.	LACUSTRINE RIVERINE. BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND	CULTURAL	PLANKTON SUBMERGED FLOATING-LVD GRAMINOID FORB LICHEN BRYOPHYTE	LAKE POND RIVER STREA	AM H
SITE		B. BEDRK.	CLIFF TALUS CREVICE / CAVE	COVER	DECIDUOUS CONIFEROUS MIXED	BOG BARRE	ow
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	TAL.		ALVAR ROCKLAND BEACH / BAR SAND DUNE BLUFF	OPEN SHRUB	1	THICK SAVAN WOOD FORES	ET NAH DLAND ST
		22.5		INCED			
STAND DESCR	IPTIO HT	N:			DECREASING D		
1 CANOPY	1-2	4	Acer Que	ercus	1 Cartage	15	
2 SUB-CANOPY	3	4	H 51081 - ma			-01114	
3 UNDERSTOREY	4-5	4					
4 GRD. LAYER		n 2 = 10 <h< th=""><th>T.25 m 3 = 2<ht<10 m<="" th=""><th></th><th></th><th></th><th>HT<0.2 m</th></ht<10></th></h<>	T.25 m 3 = 2 <ht<10 m<="" th=""><th></th><th></th><th></th><th>HT<0.2 m</th></ht<10>				HT<0.2 m
GRD. LAYER HT CODES: CVR CODES	1 = >25 r 0= NONE	n 2 = 10 <hf = 1= 0% < 0</hf 	T: 25 m 3 = 2 <ht<10 m<br="">CVR < 10% 2= 10 < C\</ht<10>				HT<0.2 m
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS	1 = >25 r 0= NONE	n 2 = 10 <h = 1= 0% < (</h 			√R - 60% 4± CVR > 6	0%	HT<0.2 m
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA	1 =>25 r 0= NONE ITION:	n 2 = 10 <h = 1= 0% < (</h 	CVR . 10% 2= 10 < CV	/R < 25% 3= 25 < C\	VR - 60% 4= CVR > 6	0%	
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10 <h = 1= 0% < (</h 	A < 10 < 10 < 10 < 10 < 10	A 10 - 24 10 - 24	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50
4 GRD. LAYER HT CODES: EVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10 <h = 1= 0% < (</h 	A < 10	A 10 - 24 10 - 24 10 - 24 RARE 0 = 0	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50
4 GRD. LAYER HT CODES: EVEN CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC BUNDANCE CODE	1 = >25 r 0= NONE ITION: LYSIS SS:	n 2 = 10 <h = 1= 0% < (</h 	A < 10	A 10 - 24 10 - 24	25 - 50 25 - 50 25 - 50	BA: ABUNDAN	> 50 > 50 > 50
4 GRD. LAYER AT CODES: EVEN CODES BETAND COMPOS BIZE CLASS ANA BETANDING SNAG BEADFALL / LOG BUNDANCE CODE COMM. AGE:	1 = >25 r 0= NONE ITION: LYSIS GS: GS: SS:	n 2 = 10 <h E 1= 0% < 0</h 	A < 10	A 10 - 24 10 - 24 10 - 24 RARE 0 = 0	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50	BA: ABUNDAN	> 50 > 50 > 50 TT
4 GRD. LAYER AT CODES: EVEN CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSI:	1 = >25 r 0= NONE ITION: LYSIS GS: GS: SS:	n 2 = 10 <h E 1= 0% < 0</h 	A < 10	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50	BA: ABUNDAN	> 50 > 50 > 50 TT
4 GRD. LAYER AT CODES: EVEN CODES BETAND COMPOS BIZE CLASS ANA BETANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYSI: EXTURE:	1 = >25 r 0= NONE ITION: LYSIS GS: GS: SS:	n 2 = 10 <h E 1= 0% < 0</h 	A < 10 < 10 < 10 < 10 N = NONE · R YOUNG	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA: ABUNDAN GI	> 50 > 50 > 50 TT LD ROWTH
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAG DEADFALL / LOG ABUNDANCE CODE COMM. AGE: SOIL ANALYS! TEXTURE: MOISTURE:	1 = >25 r 0 = NONE ITION: ILYSIS GS: GS: SS:	2 = 10 <he (<="" 1="0%" <="" =="" td=""><td> A < 10 < 1</td><td>A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE TTLES / GLEY GANICS:</td><td>25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE</td><td>BA: ABUNDAN GI</td><td>> 50 > 50 > 50 TT LD ROWTH</td></he>	A < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 1	A 10 - 24 10 - 24 10 - 24 10 - 24 MID-AGE TTLES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA: ABUNDAN GI	> 50 > 50 > 50 TT LD ROWTH
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ELC	SITE: T-Line
PLANT	POLYGON: Feature 19
SPECIES	DATE:
LIST	SURVEYOR(S):

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SITE	1	BEDRK.		US EVICE / CAVE	C	OVER	CON	DUOUS FEROUS D	BOG BAR MEA	REN DOW								
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ELC	SITE: Transmission Line
- a 44.1.X	POLYGON: Feature 21
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE	LAYER		сош.	SPECIES CODE	LAYER			COLL.			
	1	2	3	4		SPECIES CODE	1	2	3	4	COLL
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ACESASA	A		with								
FRAPENN	A						-	140			
PINSTRO	R			d	E		1				
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Stantec

Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5

Tel: (519) 836-6050

Feature 21

Wildlife Habitat Assessment

Fax: (519) 836-2493 T-line Polygon (1) Project Name: **Project Number** 161010646 Samsung Field Personnel: Date / Time: GAW

Weather Conditions:	remp:	2	100 %	light rain	24 hrs: Rain
Reptile Hibernacula	g. foundations	s, bridge abutment			
ock crevices or inactive a	anımaı burrows)			unknown
Does the site conta describe details in Tab		reptile hibern	acula features	? 🗌 Yes 🗌 No	o (if yes,
Bat Hibernacula Fe	<u>eatures</u> i.e. k	arst topography,	abandoned mine	es or caves	Unknown
Does the site conta describe details in Tab	•	l bat hibernac	ula features? [☐ Yes ☐ No (if	yes,
		DATE OF THE PROPERTY OF THE	THE RESIDENCE	SAST LESS TO THE STATE OF	

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed using feature
	11 22 13 11 21 11	Attinger in a con-	Station of the State of the Sta	4
partir -			Time and section is beginned.	

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, **DP** = distinctive parts, **FE** = feeding evidence, **CA** = carcass, **FY** = eggs, nest, **HO** = house/den,

SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	Grey Squirrel	/	//	1
/		<i>y</i> .		/
	s = ==================================			

Woodlot # (indicate on map): Polygon ① Approximate age of stand Mature Are large (i.e. >40cmDBH and >25m tall) trees present Yes No None Seen. If yes, approximate # present or % of stand __ Location in stand (i.e throughout, in west side only, in FOD2-6 only etc..) _ Are snags present? X Yes No If yes provide characterization of number present, height and DBH of snags and indicate if they contain loose bark. Only small, barkless snags observed. Trees with cavities present? No Rare Occasional Abundant None Seen If present: Height ranges of Range of Tree Range of Cavity Cavity sizes DBH Heights (approx. tree diameter) Bat Mat Roost? None Seen None Seen Presence of large stick nests (i.e. raptor nests)? ☐ Yes ☐ No If yes, UTM and describe tree type, height and position in tree, size of nest, species present Evidence of disturbance? (i.e logging, roads, paths, ATV use, trails) Yes No None Secon If yes, describe ___ Seeps/ springs present? Yes No Unknown If ves. Seep/Spring # UTM Surrounding Habitat Description Unknown Vernal Pools Present? ☐ Yes ☐ No If yes, Location Depth of water Size of pool Presence of Presence of shrubs. (diameter) emergent/submergent logs at pond edge veg?

Woodland Assessment- complete 1 assessment for each woodland





Transmission Line (OBM) Deer Wintering Area Provincially Significant Wetland Non-Provincially Significant Wetland Watercourse (OBM) Area of Natural and Scientific Interest (ANSI) Life Science, Provincially Significant Earth Science, Provincially Significant Earth Science, Regionally Significant



Nov. 4.10

- NOTES

 1. Coordinate System: UTM NAD 83 Zone 17 (N).

 2. Data Sources: Ontario Ministry of Natural Resources

 © Queens Printer Ontario, 2009; © Samsung, 2010.

 3. Image Source: Grand River Conservation Authority

 © First Base Solutions, 2010 Imagery Date: Spring 2006;

 LIDAR IMAGERY SOURCE???

 4. Produced using the Version 3 site plan provided by Samsung issued on October 18, 2010

Client/Project

SAMSUNG C&T GRAND RENEWABLE ENERGY PARK

FIELD MAP 1

TRANSMISSION LINE -**MAPBOOK**

Stantec	70-1 Sout Guelph, C N1G 4P5 Tel: (519)	onsulting Ltd. hgate Drive Ontario, Canada 836-6050) 836-2493	EN ALL PERSON	Asses	Habitat sment
Project Number	161010646		Project Name	e: Samsung	
Date / Time: Nov	1.4.10		Field Person	nel: GAW	47-140-7
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rain

Does the site contain potential reptile hibernacula features?

Yes No (if yes, Unknown describe details in Table 1).

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features? Yes No (if yes, Unknown describe details in Table 1).

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed using feature
	v Programme	_(;:16::31:6-1	Experiment to aurorate a	
n o file (asset)	98		through partines suggest	
	140431			

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	Gr. Squirvel	/	1	
	02'	Al.		

Appro	ximate a	ge of st	tand _mi	dage					
				Ü		• [7] \	[N.		
If yes,	approxim	nate # pr	resent or	% of s	es present stand e only, in FOD		One	observed	
		min onsw			والنوس			71	T
lf yes pr		acterizatio	on of numb	er pres	ent, height a served , Bo			nd indicate if	f they
Trees		ities pre	esent? [] No [Rare 🗌	Occasio	onal 🗌 Abi	undant No	me Seen
	al gillar	Height i tree	ranges of	Range DBH	e of Tree	Range Height	of Cavity s	Cavity siz (approx. diameter)	
traffe [Alamit au	مرجيك أعر	i lagi d		f el lattiv	a III	A this extent	10
								ni an an	
		Í		ł					
								LES III	
		70.20		111111111111111111111111111111111111111					
100									
	Roost				ar inii ili	Hall William		Alana Alana	2000
Prese ilf yes,	nce of la	rge stic I describ	k nests	•	tor nests)? eight and p			None ze of nest	
Prese ilf yes,	nce of la UTM and	rge stic I describ	k nests	•	•				
Preser If yes, specie	nce of la UTM and s present	rge stic d describ t	k nests be tree ty	pe, he	eight and p	osition	in tree, siz	ze of nest	
Preser If yes, specie	nce of la UTM and s present	rge stic d describ t sturban	k nests be tree ty	pe, he	•	osition	in tree, siz	ze of nest	
Preser If yes, specie	nce of la UTM and s present	rge stic d describ t sturban	k nests be tree ty	pe, he	eight and p	osition	in tree, siz	ze of nest	
Preser If yes, species Evider If yes,	nce of la UTM and s present	rge stic describ t sturban	k nests be tree ty	ogging, r	eight and p	ATV use,	in tree, siz	ze of nest	o Unknown
Preser If yes, specie Evider If yes, Seeps	nce of la UTM and s present nce of di describe	rge stic describ t sturban	k nests be tree ty	ogging, r	eight and p	ATV use,	in tree, siz	Yes No	o Unknown
Preser If yes, specie Evider If yes, Seeps	nce of la UTM and s present nce of di describe	rge stic d describ t sturban s preser	k nests be tree ty	ogging, r	roads, paths, A	ATV use,	in tree, siz	Yes No	o Unknown
Preser If yes, specie Evider If yes, Seeps	nce of la UTM and s present nce of di describe	rge stic d describ t sturban s preser	k nests be tree ty	ogging, r	roads, paths, A	ATV use,	in tree, siz	Yes No	o Unknown
Preser If yes, specie Evider If yes, Seeps	nce of la UTM and s present nce of di describe	rge stic d describ t sturban s preser	k nests be tree ty	ogging, r	roads, paths, A	ATV use,	in tree, siz	Yes No	o Unknown
Preser If yes, specie Evider If yes, Seeps Seep/Sp	nce of la UTM and s present nce of di describe / springs	rge stic d describ t sturban s preser	ce? (i.e k	ogging, r	roads, paths, A	ATV use,	in tree, siz	Yes No	Onknown
Preser If yes, specie Evider If yes, Seeps Seep/Sp	nce of la UTM and s present nce of di describe / springs pring #	rge stic describ t sturban s preser UTM	ce? (i.e k	ogging, r	roads, paths, A	ATV use, If y	trails) trails) trails)	Yes No	Unknown Unknown
Preser If yes, specie Evider If yes, Seeps Seep/Sp	nce of la UTM and s present nce of di describe / springs	rge stic describ t sturban s preser UTM	ce? (i.e k	ogging, r	roads, paths, A	ATV use, If y If yes, ol	trails) ves, Surrounding	Yes No	Onknown
Preser If yes, specie Evider If yes, Seeps Seep/Sp	nce of la UTM and s present nce of di describe / springs pring #	rge stic describ t sturban s preser UTM	ce? (i.e k	ogging, r	roads, paths, A	ATV use, If y If yes, ol	trails)	Yes No	Unknown Unknown Presence of sh
Preser If yes, specie Evider If yes, Seeps Seep/Sp	nce of la UTM and s present nce of di describe / springs pring #	rge stic describ t sturban s preser UTM	ce? (i.e k	ogging, r	roads, paths, A	ATV use, If y If yes, ol	trails) ves, Surrounding	Yes No	Unknown Unknown Presence of sh
Preser If yes, specie Evider If yes, Seep/Sp	nce of la UTM and s present nce of di describe / springs pring #	rge stic describ t sturban s preser UTM	ce? (i.e k	ogging, r	roads, paths, A	ATV use, If y If yes, ol	trails) ves, Surrounding	Yes No	Unknown Unknown Presence of sh

Stantec	70-1 Soutl Guelph, O N1G 4P5 Tel: (519)	onsulting Ltd. hgate Drive ontario, Canada 836-6050 836-2493			Habitat ssment
Project Number	161010646	upediro unio	Project Nam	ne: Samsung	002
Date / Time:	1.4.10		Field Persor	nnel:	
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs:

neptile Hibernacula Features i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)	
Does the site contain potential reptile hibernacula features? \square Yes \square No (if yes, describe details in Table 1).	rknowr
Bat Hibernacula Features i.e. karst topography, abandoned mines or caves	n
Does the site contain potential bat hibernacula features? Yes No (if yes, describe details in Table 1)	

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	-	Feature type	Photo #	Description	Species observed using feature
gili Casi I		A TENTON	R Chargest in		
4		[0 ⁴		The separation of the Missen 2	
				alia di Santa Inde	

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed,

DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den,

SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO	quey squirrel	/ /	-/	
	-			

	υι # (INα	icate 0	n map) :	10.14	on 6	-			
Approx	cimate a	ge of s	tand <u>//</u>	Pature	1 = 1 = 1035 (N) 2 = 10				
If yes, a	approxim	ate # p	resent o	r % of	es presenstand e only, in FOI		Yes No	None Se	en
If yes pro		acterizati			None Se sent, height a		H of snags an	d indicate i	f they
Trees v		ities pr	esent? [] No [☐ Rare ☐	Occas	sional 🗌 Abu	undant No	ne seen
	h # m l == s'	Height tree	ranges of	Rang DBH	e of Tree	Rang Heig	ge of Cavity hts	Cavity siz (approx. diameter)	
	hamada 💴			4				10-3151 11	
		descril			tor nests)? eight and p		n in tree, siz	e of nest	
species Eviden	present		nce? (i.e l	ogging, ı	oads, paths,	ATV use	o, trails)	∕es) Unknown
Evidence If yes, d	ce of dis	sturbar		ogging, i	roads, paths,		o, trails) \(\square\)	res No	
Evidence If yes, d	ce of dis	sturbar		∕es □			14	Unknou	
Evidend If yes, d	ce of dis	sturbar prese		∕es □	No		yes,	Unknou	
Evidence If yes, description Seeps/ Seep/Spr	ce of distensive springs	prese	nt? 🔲 \	∕es ☐ Desci	No	If	yes, Surrounding	Unknow Habitat	
Evidence If yes, description Seeps/ Seep/Spr	ce of dis	prese	nt? 🔲 \	∕es ☐ Descri	No	If yes,	yes, Surrounding	Unknov Habitat Onknown	
Evidence If yes, description Seeps/ Seep/Spr	ce of distensive springs	prese	nt?	∕es ☐ Descri	No ription	If yes,	yes, Surrounding	Unknov Habitat Onknown	Presence of shi
Evidence If yes, do Seeps/Seep/Spr	ce of distensive springs	prese	nt?	∕es ☐ Descri	No ription	If yes,	yes, Surrounding	Unknov Habitat Onknown	Presence of s

ELC	SITE:				POLYGON:			
COMMUNITY	SURVE	YOR(S):	SPE NO.	DATE:		UTME:		
DESCRIPTION & CLASSIFICATION	START	100 Miles	END		UTMZ.	UTMN:		
OLYGON DE	SCRIP	TION		Dicerrit Hillow Wesses	La Annual			
SYSTEM	SUB	STRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY		
TERRESTRIAL	ORG	ANIC	LACUSTRINE RIVERINE	NATURAL	PLANKTON SUBMERGED	LAKE POND		
☐ WETLAND ☐ AQUATIC	PAR	ERAL SOIL ENT MIN. DIC BEDRK.	BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND CLIFF	CULTURAL	FLOATING-LVD. GRAMINOID FORB LICHEN BRYOPHYTE	RIVER STREAM MARSH SWAMP FEN BOG		
SITE	☐ CAR	B. BEDRK.	CREVICE / CAVE	COVER	CONIFEROUS	BARREN MEADOW PRAIRIE		
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	190		☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	OPEN SHRUB TREED		THICKET SAVANNAH WOODLAND FOREST PLANTATION		
TAND DESCR	RIPTIO	N: CVR			DECREASING DOI EATER THAN; = ABO			
1 CANOPY	1-2	-	ACESASA >					
	3	4	ACESASA			iv-resser		
SUB-CANOPY			1100 1011		X I F			
		4						
UNDERSTOREY GRD. LAYER	4-5	4	75 m 1 a 2cHT 10 m	Antald 2m Br	0 Selit 1 m # a 0 2elit	.0.5 m 7 m HT<0.2 m		
UNDERSTOREY GRD. LAYER T CODES: CVR CODES	4-5 6-7 1=>25 r 0= NONE	1= 0% < 0			0.5 <ht.1 8="0.2<HT<br" m="">/R : 60% 4= CVR > 60%</ht.1>			
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS	4-5 6-7 1=>25 0= NONE	n 2=10 <h1 E 1=0% < 0</h1 	CVR \ 10% 2= 10 < CV	/R < 25% 3= 25 < C\	/R : 60% 4= CVR > 60%	BA:		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOSIZE CLASS AN	4-5 6-7 1=>25 r 6= NONE SITION:	n 2=10 <h1 E 1=0% < 0</h1 	EVR \ 10% 2=10 < CV	R < 25% 3= 25 < C\	/R : 60% 4= CVR > 60%	BA: > 50		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOSIZE CLASS AND	4-5 6-7 1=>25; 0= NONE SITION:	n 2=10 <h1 E 1=0% < 0</h1 	A < 10 < 10	A 10 - 24	/R : 60% 4= CVR > 60%	BA: > 50 > 50		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOSIZE CLASS AN TANDING SNAF	4-5 6-7 1=>25 6= NONE SITION: ALYSIS 35:	n 2=10 <h1 E 1=0% < 0</h1 	A < 10 < 10 < 10	A 10 - 24 10 - 24	/R : 60% 4= CVR > 60% 25 - 50 25 - 50 25 - 50	BA: > 50		
UNDERSTOREY GRD. LAYER OF CODES TAND COMPOSIZE CLASS AND TANDING SNA DEADFALL / LOG BUNDANCE CODE	4-5 6-7 1=>25 6= NONE SITION: ALYSIS 35:	n 2=10 <h1 E 1=0% < 0</h1 	A < 10 <p>< 10</p> < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 <td>A 10 - 24 10 - 24</td> <td>/R : 60% 4= CVR > 60% 25 - 50 25 - 50 25 - 50</td> <td>BA: > 50 > 50 > 50 > 50</td>	A 10 - 24 10 - 24	/R : 60% 4= CVR > 60% 25 - 50 25 - 50 25 - 50	BA: > 50 > 50 > 50 > 50		
B UNDERSTOREY GRD. LAYER IT CODES: EVR CODES STAND COMPOS SIZE CLASS AND STANDING SNA DEADFALL / LOG BUNDANCE CODI COMM. AGE:	4-5 6-7 1=>25 f 0= NONE SITION: ALYSIS 35: 35:	2 = 10 <h1 E 1 = 0% < 0</h1 	A < 10 < 10 < 10 N = NONE R	A 10 - 24 10 - 24 10 - 24 RARE 0 = 0	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE	> 50 > 50 > 50 > 50		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOSIZE CLASS AN. TANDING SNAI EADFALL / LOI BUNDANCE CODI COMM. AGE: COIL ANALYS EXTURE:	4-5 6-7 1=>25 f 0= NONE SITION: ALYSIS 35: 35:	2 = 10 <h1 E 1 = 0% < 0</h1 	A < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO MO	A 10 - 24 10 - 24 10 - 24 10 - 24 RARE 0 = 0 MID-AGE	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50	> 50 > 50 > 50 > 50		
JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTORE JU	4-5 6-7 1=>25; 0= NONE SITION: ALYSIS GS: GS: GS:	n 2 = 10 <hi = 1 = 0% < 0</hi 	A < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO MO DEPTH OF ORG	A 10 - 24 10 - 24 10 - 24 10 - 24 TLES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE	> 50 > 50 > 50		
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOSIZE CLASS AND TANDING SNAME EADFALL / LOG BUNDANCE CODE COMM. AGE: COLL ANALYS EXTURE: IOISTURE:	4-5 1=>25 0= NONE SITION: ALYSIS 3S: 3S: 3S: 3S:	# 2 = 10-H	A < 10 < 10 < 10 < 10 < 10 < 10 VOUNG DEPTH TO MO DEPTH TO BEE	A 10 - 24 10 - 24 10 - 24 10 - 24 TLES / GLEY GANICS:	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE	> 50 > 50 > 50 > 50		
JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTORE JU	4-5 1=>25 0=NONE SITION: ALYSIS GS: GS: GS: SS:	PIONEER	A < 10 < 10 < 10 N = NONE R VOUNG DEPTH TO MO DEPTH TO BEE DN:	A 10 - 24 10 - 24 10 - 24 10 - 24 TLES / GLEY GANICS:	25 - 50 25 - 50	> 50 > 50 > 50		
UNDERSTOREY GRD. LAYER TOODES TAND COMPOS TANDING SNAM EADFALL / LOO BUNDANCE CODI COMM. AGE: COLL ANALYS EXTURE: COMMUNITY CL	4-5 1=>25 0= NONE ALYSIS 3S: 3S: 3S: 3S: S: S: ALASSI ASS:	PIONEER	A < 10 < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO MO DEPTH TO BEE ON:	A 10 - 24 10 - 24 10 - 24 10 - 24 THES / GLEY GANICS: DROCK:	25 - 50 25 - 50	BA: > 50 > 50 > 50 > 50		
JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTORE JU	4-5 1=>25 0=NONE SITION: ALYSIS GS: GS: S: ILASSI ASS: RIES:	PIONEER PIONEER PIONEER PIONEER PIONEER PIONEER	A < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO BEE DN: UOUS FORG	A 10 - 24 10 - 24 10 - 24 10 - 24 THES / GLEY GANICS: DROCK:	25 - 50 25 - 50 25 - 50 25 - 50 25 - 50 MATURE g = CODE:	BA: > 50 > 50 > 50 > 50		
3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS AND EXAMPLE COMPOS SIZE CLASS AND EXAMPLE COMMONITY COMMUNITY CL COMMUNITY CL COMMUNITY CL COMMUNITY SE ECOSITE: D-F	4-5 1=>25 0=NONE SITION: ALYSIS GS: GS: GS: RIES: FPE:	PIONEER PIONEER PIONEER PIONEER PARTICIPATION PIONEER	A < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO BEE DEPTH TO BEE Naple Dec.	A 10 - 24 10 - 24 10 - 24 10 - 24 THES / GLEY GANICS: DROCK:	CODE: CODE: CODE: CODE: CODE: CODE: CODE:	BA: > 50 > 50 > 50 > 50		
JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTOREY JUNDERSTORE	4-5 1=>25 1=>25 1=>25 SITION: ALYSIS 3S: 3S: S: S: RIES: PE:	PIONEER PIONEER PIONEER PIONEER PARTICIPATION PIONEER	A < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO BEE DN: UOUS FORG	A 10 - 24 10 - 24 10 - 24 10 - 24 THES / GLEY GANICS: DROCK:	CODE: CODE: CODE: CODE: CODE: CODE: CODE:	BA: > 50 > 50 > 50 > 50		
3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES STAND COMPOSITION STANDING SNAID DEADFALL / LO ABUNDANCE CODIC COMM. AGE: HOMOGENEOUS COMMUNITY CL COMMUNITY CL COMMUNITY SE ECOSITE: D-F	4-5 1=>25 0=NONE SITION: ALYSIS GS: GS: SS: SS: SS: ALASSI ASS: ASS: CPE: ON	PIONEER PIONEER PIONEER PIONEER PARTICIPATION PIONEER	A < 10 < 10 < 10 < 10 N = NONE R YOUNG DEPTH TO BEE DEPTH TO BEE Naple Dec.	A 10 - 24 10 - 24 10 - 24 10 - 24 THES / GLEY GANICS: DROCK:	25 - 50 25 -	BA: > 50 > 50 > 50 > 50		

ELC	SITE: T-Line
	POLYGON: Feature 29
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

ŠPEČIES CODĖ	10		YER		THE COMP.	A = ABUNDANT D =	LAYER		. 6		
SPECIES CODE	1	2	3	4	COLL.	SPECIES CODE	1	2	3	4	
FAGGRAN	0	1			- 3			. 4			
FRAPENN	0	A	113	1				1			
QUERUBR	A	- 17			I			1			
ACESASA	A	A									ŀ
Shaqbark	0		Ed								
oilernot	0										
TILAMER	0		- 14					- 4	-11		
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ELC	SITE:	61010	646		POLYGON: 5	UTME:
COMMOINT. 1	SURVE	YOR(S):	GAW	DATE: NOV		
DESCRIPTION & CLASSIFICATION	START:	10-5	END	£ = 3	UTMZ:	UTMN:
OLYGON DES			1	1 .uerom	PLANT FOR	M COMMUNITY
SYSTEM	SUBS	STRATE	TOPOGRAPHIC FEATURE	HISTORY	PLANTFOR	
TERRESTRIAL WETLAND AQUATIC	ORGANIC MINERAL SOIL PARENT MIN. ACIDIC BEDRK. BASIC BEDRK. CARB. BEDRK.		LACUSTRINE RIVERINE BOTTOMIAND TERRACE VALLEY SLOPE TABLELAND ROLL UPLAND CUFF	MATURAL CULTURAL	PLANKTON SUBMERGED FLOATING-LVC GRAMINOID FORB LICHEN BRYOPHYTE	D LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN
SITE			CREVICE / CAVE	COVER	CONIFEROUS MIXED	☐ MEADOW ☐ PRAIRIE
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK			ROCKLAND BEACH / BAR SAND DUNE BLUFF	OPEN SHRUB TREED		THICKET SAVANNAH WOODLAND FOREST PLANTATION
STAND DESCR	UPTIO	N:	Herital Age	IN ORDER OF	DECREASING I	DOMINANCE
LAYER	НТ	CVR	(>> MUCH GRE	ATER THAN; > GR	EATER THAN; =	ABOUT EQUAL TO)
1 CANOPY	2	1	FRAPENN	THE WAR	British Jeke	
2 SUB-CANOPY	3	4	Cornus	seattle " as	O PLENUT	<u> </u>
3 UNDERSTOREY	4-5	4	", 0	ld field s	PP	## 3 m.500
4 GRD. LAYER HT CODES: CVR CODES	6-7 1=>25 0= NON	m 2=10<+ E 1=0%<	T,25 m 3 = 2 <ht,10 CVR \ 10% 2= 10 < 0</ht,10 		0.5 <ht-1 6="0.2</td" m=""><td><h7、0.5 7="" ht<0.2="" m="" m<="" td="" ≠=""></h7、0.5></td></ht-1>	<h7、0.5 7="" ht<0.2="" m="" m<="" td="" ≠=""></h7、0.5>
STAND COMPOS						BA:
SIZE CLASS AN			D <10	0 10 - 24	R 25 - 5	50 > 50
		7 100		10 - 24	25 - 5	50 > 50
STANDING SNA			< 10	10 - 24		
DEADFALL / LO				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A = ABUNDANT
COMM. AGE :	1	PIONEE	R YOUNG	MID-AGE	MATUR	E OLD GROWTH
		121	Tento (N	Cigeral degree of		
SOIL ANALYS	IS :		DEPTH TO M	OTTLES / GLEY	g =	G=
TEXTURE:			DEPTH OF O		13	(cm)
MOISTURE:	e / V/	PIARI F			7	(cm)
				18 18	- b	L. Company
COMMUNITY C				e esta	CODE	: SW
SOMMISCH III				amp	CODE	SWT
COMMUNITY SI			1-1-	amp	CODE	SWT2
FCOSITE: 046	noire		rand	al Thicket	CODE	SWT2-5
ECOSITE: MI	YPE:	dogu		allicket	Sminds	
vegetation t	YPE:	dogi	Miner		CODE	
ECOSITE: MI	YPE:	dogi	Miner		CODE	
vegetation t	YPE: EV	dogi	Miner	17	CODE	
VEGETATION T VEC - OSI INCLUS COMPINOTES: No 16	YPE: LEX ange	trees	Miner			

ELC	SITE: Transmission Line
	POLYGON: Feature 29
PLANT	DATE:
LIST	SURVEYOR(S):

SPECIES CODE	LAYER		COLL.	SPECIES CODE	LAYER				COLL		
SPECIES CODE	1		3	4	COLL.	SPECIES CODE	1	2	3	4	COLL
CORSTOL				L X			T				
CORFORA		-				=======================================	Τ		80		
SOLCANA		1.5		1			120				-
DAUCARO				-	No to			÷.			0.5
FRAPENN								7			
Populus		Н			-1 7 11				- 7		
THUOCCI	21				и е				1		
PINSTRO	-	-11-	1-1		is the con-	1		-			
ULMAMER		J=		177	4-4-			. =	H		
Red Cedar		-			E-198-11					-1	
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				100	landa d					-	
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SITE	☐ CAR	8. BEDRK.	TALUS CREVICE / CAVE	COVER	CONIFEROUS	BARREN MEADOW PRAIRIE	
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PLANT SPECIES	DATE:	
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Stantec	70-1 Sout Guelph, C N1G 4P5 Tel: (519)	onsulting Ltd. hgate Drive Intario, Canada 836-6050 836-2493	Feature 3b Wildlife Habitat Assessment Rolygon (3) T-line					
Project Number	161010646	ang emal ne	Project Nam	ie: SamsuN	G			
Date / Time:	v. 4. 10		Field Persor	nnel: GAW				
Weather Conditions:	Temp:	Wind:	Cloud: 100 /.	PPT: light rain	PPT in last 24 hrs:			

Reptile Hibernacula Features i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)

Does the site contain potential reptile hibernacula features?

Yes No (if yes, On Known describe details in Table 1).

Bat Hibernacula Features i.e. karst topography, abandoned mines or caves

Does the site contain potential bat hibernacula features?

Yes No (if yes, On Known describe details in Table 1).

Table 1: Potential bat/reptile hibernacula features identified on site

UTM	Feature type	Photo #	Description	Species observed using feature
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# 01.10 21 PF 12.20				

Species Observations

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
i.e. AMRO/VO NOCA ANGO GRCA	-/	7		
DOWO		×		
		×		

Woodland Assessment- complete 1 assessment for each woodland Woodlot # (indicate on map): Polygon 3 Approximate age of stand Mature Are large (i.e. >40cmDBH and >25m tall) trees present Yes No None seen from road If yes, approximate # present or % of stand __ Location in stand (i.e throughout, in west side only, in FOD2-6 only etc..) Are snags present? Yes No Unknown If yes provide characterization of number present, height and DBH of snags and indicate if they contain loose bark. Trees with cavities present? No Rare Occasional Abundant Unknown Height ranges of Range of Tree Range of Cavity Cavity sizes DBH Heights (approx. tree diameter) Bat Mat Roost? None seen Presence of large stick nests (i.e. raptor nests)? ☐ Yes ☐ No None seen If yes, UTM and describe tree type, height and position in tree, size of nest, species present Evidence of disturbance? (i.e logging, roads, paths, ATV use, trails) Yes No unknown If yes, describe ___ Seeps/ springs present? Yes No unknown If yes, Surrounding Habitat Seep/Spring # UTM Description Unknown Vernal Pools Present? ☐ Yes ☐ No If yes, Location Depth of water Size of pool Presence of Presence of shrubs. (diameter) emergent/submergent logs at pond edge veg?

ELC	SITE:	61010	646	,			-	on: (3)		
COMMUNITY	SURVEY	OR(S):	SAV	J	DATE:	Nov.	4.10		UTME	55_
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SITE		B. BEDRK.	□ TAL	US EVICE / CAVE	C	OVER	OMIXE	FEROUS D	☐ MEA	DOW RIE
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEDROCK	RIPTION		□ BE	CKLAND ACH / BAR ND DUNE JFF	OPE	J18			WOO	MANNAH
TAND DESCR	IPTIO	N:	TIM	Trible P	Latine		110.2			or
LAYER	нт	CVR	(>> [SPECIES WUCH GREA	IN ORD	DER OF D AN; > GRE	EATER T	HAN; = AB	OUT EC	UAL TO)
CANOPY	1-2	4	Shaq	bask.	Quero	cus. A	cer.	FRAP	ENA	
SUB-CANOPY	3	4	- 3	120.	Mues		ar en	11 130		-11
UNDERSTOREY	4-5	4				1 19	A E	14 (6)		
COR LAVER	6-7	i i	- 1	0.11		0.00	3.00			
	1 = >25	1 1 1	17-,25 m	3 = 2 <ht -="" 10="" i<="" th=""><th>m 4 = 1<</th><th>17:2m 5=0</th><th>0.5<ht-1 i<="" th=""><th>m 8 = 0.2<h 4= CVR > 60</h </th><th>7. 0.5 m 7</th><th>= HT<0.2 m</th></ht-1></th></ht>	m 4 = 1<	17:2m 5=0	0.5 <ht-1 i<="" th=""><th>m 8 = 0.2<h 4= CVR > 60</h </th><th>7. 0.5 m 7</th><th>= HT<0.2 m</th></ht-1>	m 8 = 0.2 <h 4= CVR > 60</h 	7. 0.5 m 7	= HT<0.2 m
T CODES: VR CODES	1 = >25 (0= NON	71 2=10<+ E 1=0% <	17-25 m : CVR \ 10	3 = 2 <ht<10: 0% 2= 10 < C</ht<10: 	n 4 = 1<\	17-2 m 5 = 0 3= 25 < CV	0.5 <ht-1 i<br="">R < 80%</ht-1>	m 8 = 0.2 <h 4= CVR > 60</h 	BA:	= HT<0.2 m
T CODES: VR CODES TAND COMPOS	1 = >25 0 = NONE SITION:	7 2 = 10<1 E 1 = 0% <	17.25 m CVR \ 10	3 = 2 <ht<10 i<br="">0% 2= 10 < C < 10</ht<10>	n 4=1<-1 VR \ 25%	17-2 m 5 = 6 3= 25 < CV	0.5 <ht.11< td=""><td>m 8 = 0.2<h 4= CVR > 60 25 - 50</h </td><td></td><td>> 50</td></ht.11<>	m 8 = 0.2 <h 4= CVR > 60 25 - 50</h 		> 50
CODES: /R CODES TAND COMPOS ZE CLASS AN	1 = >25 I 6= NONE SITION:	7 2 = 10<1 E 1 = 0% <	CVR . 10	0% 2≈ 10 < C	n 4 = 1<- VR \ 25%	3= 25 < CV	R < 80%	4= CVR > 50		
CODES: TR CODES TAND COMPOS ZE CLASS ANA	1 = >25 i 0= NONE SITION: ALYSIS GS:	7 2 = 10<1 E 1 = 0% <	CVR . 10	2= 10 < C < 10	n 4 = 1<- VR · 25%	3= 25 < CV	R < 80%	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50
CODES: R CODES AND COMPOS ZE CLASS AN/ FANDING SNA- EADFALL / LO	1 = >25 i 0= NONE SITION: ALYSIS GS: GS:	7 2 = 10<1 E 1 = 0% <	A	< 10 < 10 < 10 < 10	A A A RARE	10 - 24 10 - 24 10 - 24	R < 80%	25 - 50 25 - 50 25 - 50		> 50 > 50 > 50
T CODES: VR CODES TAND COMPOS IZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE COD	1 = >25 i 0= NONE SITION: ALYSIS GS: GS:	7 2 = 10<1 E 1 = 0% <	A N=1	< 10 < 10 < 10 < 10	A A	10 - 24 10 - 24 10 - 24	OCCASIO	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50
T CODES: VR CODES TAND COMPOS IZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE CODI COMM. AGE:	GS:	m 2 = 10 <h E 1= 0% <</h 	A N=1	< 10 < 10 < 10 < 10 NONE - F	A A	10 - 24 10 - 24 10 - 24 0 = 0	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT
CODES: //R CODES FAND COMPOS ZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE CODI OMM. AGE: QIL ANALYS	GS:	m 2 = 10 <h E 1= 0% <</h 	A	< 10 < 10 < 10 < 10 NONE - F	A A	10 - 24 10 - 24 10 - 24 0 = 0	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT
CODES: /R CODES TAND COMPOS IZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE CODI OMM. AGE: COIL ANALYS EXTURE:	GS:	m 2 = 10 <h E 1= 0% <</h 	A N=1	< 10 < 10 < 10 < 10 NONE - F	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT
TODES: VR CODES TAND COMPOS IZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE CODI COMM. AGE: SOIL ANALYS EXTURE: MOISTURE:	1 = >25 0 = NONI SITION: ALYSIS GS: GS: ES:	m 2= 10-h E 1= 0% <	A N=1	< 10 < 10 < 10 NONE - FYOUNG	A A REPORTED TILES	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
TODES: //R CODES //R CODES TAND COMPOS IZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE COD OMM. AGE: COIL ANALYS EXTURE: ROISTURE:	1 =>251 0= NONI SITION: ALYSIS GS: GS: ES:	PIONEE	A N=1	< 10 < 10 < 10 < 10 NONE - F YOUNG PTH TO MC	A A REPORTED TILES	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
CODES: /R CODES TAND COMPOS ZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE COD OMM. AGE: COLL ANALYS EXTURE: IOISTURE: COMMUNITYC	1 =>25 0= NONI	PIONEE	DEF	< 10 < 10 < 10 < 10 NONE - F YOUNG PTH TO MC	A A REPORTED TILES	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH
CODES: //R CODES //R CODES TAND COMPOS ZE CLASS AN/ TANDING SNA EADFALL / LO BUNDANCE COD OMM. AGE: OIL ANALYS EXTURE: IOISTURE: IOMOGENEOU COMMUNITY CI	1 =>25 0= NON! SITION: SITION: ALYSIS GS: GS: ES: IS: S / VA CLASS	PIONEE	DEF DEF	< 10 < 10 < 10 < 10 NONE - F YOUNG PTH TO MC PTH TO BE	A A REPORTED TILES	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A =	BA: ABUND G=	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)
T CODES: VR CODES TAND COMPOS IZE CLASS AN/ TANDING SNA DEADFALL / LO BUNDANCE CODI COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY CI COMMUNITY SI	1 = >25 0= NON! 0= NON! SITION: ALYSIS GS: ES: IS: CLASS LASS: ERIES:	PIONEE PIONEE ARIABLE EIFICAT Fove	DEF DEF DEF CON:	< 10 < 10 < 10 < 10 NONE · F YOUNG TH TO MC TH TO BE	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE	BA: ABUND G=	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)
T CODES: VR CODES TAND COMPOS IZE CLASS AN/ ITANDING SNA DEADFALL / LO BUNDANCE CODE COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY COMMUNITY COMMUNITY SI ECOSITE: DE	TE > 25 0= NONI O =	PIONEE PIONEE ARIABLE EIFICAT Fove	DEF DEF	< 10 < 10 < 10 < 10 NONE · F YOUNG TH TO BE	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 6 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE	BA: Control > 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	
TODES: VICODES STAND COMPOS SIZE CLASS AN/ STANDING SNA DEADFALL / LO BUNDANCE COD COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITYS	TE > 25 0= NONI O =	PIONEE PIONEE ARIABLE EIFICAT Fove	DEF DEF DEF CON:	< 10 < 10 < 10 < 10 NONE · F YOUNG TH TO MC TH TO BE	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 6 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE CODE: CODE:	BA: G= FO	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)
TODES: VICODES STAND COMPOS STAND COMPOS STANDING SNA DEADFALL / LO BUNDANCE CODE COMM. AGE: SOIL ANALYS TEXTURE: HOMOGENEOU COMMUNITY COMMUNITY SI ECOSITE: DE	SITION: ALYSIS GS: GS: ES: IS: LASS LASS: ERIES: SVE	PIONEE PIONEE ARIABLE EIFICAT Fove	DEF DEF DEF CON:	< 10 < 10 < 10 < 10 NONE · F YOUNG TH TO MC TH TO BE	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 6 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE CODE: CODE: CODE:	BA: G= FO	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)
T CODES: VR CODES TAND COMPOS IZE CLASS ANA ITANDING SNA SITION: ALYSIS GS: ES: IS: CLASS LASS: ERIES: YPE:	PIONEE PIONEE ARIABLE EIFICAT Fove	DEF DEF DEF CON:	< 10 < 10 < 10 < 10 NONE · F YOUNG TH TO BE	A A A A A A A A A A A A A A A A A A A	10 - 24 10 - 24 10 - 24 0 = 6 MID-AGE	OCCASIO	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = MATURE CODE: CODE:	BA: G= FO	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	

ELC	SITE: Transmission Line
	POLYGON: Feature 36
PLANT SPECIES	DATE:
LIST	SURVEYOR(S):

SPECIES CODE	LAYER		COLL.	SPECIES CODE	LAYER				COLL.		
SPECIES CODE	1	2	3	4	COLL	SPECIES CODE	1	2	3	4	COLL
QUEMACR	0			=							
Shagbark	A	7,77		7,72							
ACESASA	Α	=0		-					=		
FRAPENN	0										
PINSTRO	1 /112	R									
RHACATH		77	0								
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ELC	SITE:				PO	POLYGON: (4)					
COMMUNITY	SURVE	YOR(S):			DATE:		2		UTME		
DESCRIPTION & CLASSIFICATION	START	P	END				UTI	MZ:	UTMN		
POLYGON DES	SCRIP	TION			_						
SYSTEM	SUB	STRATE		POGRAPHIC EATURE	HIS	STORY	Pt	ANT FORM	CO	MMUNITY	
TERRESTRIAL WETLAND AQUATIC	□ PAR	ERAL SOIL ENT MIN. DIC BEDRK.	D RIV	ACUSTRINE RIVERINE, BOTTOMLAND ERRACE FALLEY SLOPE ABLELAND	-	NATURAL CULTURAL		LANKTON SUBMERGED LOATING-LVD. GRAMINOID FORB	DAKI	ED ER EAM ISH AMP	
THE REAL PROPERTY.	1	C BEDRK.	D CL	ILL UPLAND IFF LUS EVICE / CAVE		0.45	-183	IRYOPHYTE DECIDUOUS CONIFEROUS MIXED	FEN BOG BAR	REN	
SITE OPEN WATER	¥32		□ AL		OPEN	OVER	- "	MAED	D PRA	RIE	
SHALLOW WATER SURFICIAL DEP. BEDROCK	TEMM			ND DUNE	SHRU				SAVANNAH WOODLAND FOREST PLANTATION		
STAND DESCR	RIPTIO	N:	Trib	PI-DEO.	LLEE GR	FIEL.			461126	PATRICULA I	
LAYER	нт	CVR	(>> 1					EASING DOI R THAN; = AB			
1 CANOPY	1-2	-4		rcus, P				LYME	9 10	OFFICE STATES	
2 SUB-CANOPY	3	4	14-33	Miles n	,	31					
					V I	4 74	Ti.	1 2 - 3	9		
3 UNDERSTOREY 4 GRD. LAYER	4-5	4	81	100	L	KOTAN:		The street		- 4	
	6-7 1 = >25 r 0= NONE	1= 0% <						:1 m 6 = 0.2 <ht % 4= CVR > 60%</ht 		≠ HT<0.2 m	
4 GRD. LAYER HT CODES: CVR CODES	1=>251 0= NONE	1= 0% <								= HT<0.2 m	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS	1=>25 I 0= NONE SITION:	1= 0% <	CVR v 10	2= 10 < CV < 10		3= 25 < CV		% 4= CVR > 609	BA:	> 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA	1=>25 II 0= NONE BITION: ALYSIS	1= 0% <	CVR v 10	< 10 < 10		10 - 24 10 - 24		4= CVR > 60% 25 - 50 25 - 50	BA:	iř	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS	1=>25: 0= NONE SITION: ALYSIS 3S:	1= 0% <	CVR v 10	< 10 < 10 < 10 < 10		10 - 24 10 - 24 10 - 24	R : 60°	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC	1=>25: 0= NONE SITION: ALYSIS 3S:	1= 0% <	CVR . 10	< 10 < 10 < 10 < 10	D D = RARE	10 - 24 10 - 24 10 - 24	R : 60°	25 - 50 25 - 50 25 - 50	BA:	> 50 > 50 > 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI	1=>251 0= NONE BITION: ALYSIS 3S: 3S:	L] n 2 = 10 <h E 1 = 0% <</h 	A N=N	< 10 < 10 < 10 < 10 ONE - R	D D = RARE	3= 25 < CVI 10 - 24 10 - 24 0 = 0 MID-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE:	1=>251 0= NONE BITION: ALYSIS 3S: 3S:	L] n 2 = 10 <h E 1 = 0% <</h 	N=N	< 10 < 10 < 10 < 10 ONE - R YOUNG	D D = RARE	10 - 24 10 - 24 10 - 24 0 = 0 AID-AGE	R : 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50 NNT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE: MOISTURE:	1 = >25 0 = NONE 1 = >25 0 = NONE 25 0 = NONE 25 25 25 25 25 25 25 25	2= 10cH = 1= 0% <	N=N DEP	< 10 < 10 < 10 < 10 ONE - R	D D = RARE	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS AN/ STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE: MOISTURE: HOMOGENEOUS	1 = >25 0 = NONE BITION: ALYSIS 35: 35: 55:	2 100H 1 2 100H 1 100H 1 100H 2 100H	N=N DEP DEP	< 10 < 10 < 10 < 10 ONE - R YOUNG	D D = RARE	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50 NNT OLD GROWTH	
4 GRD. LAYER HY CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE: HOMOGENEOUS COMMUNITYC	1 = >25 0 = NONE BITION: BLYSIS BS: BS: BS: BS: BS: BS: BS: BS: BS: BS	PIONEER	DEP DEP	< 10 < 10 < 10 < 10 ONE - R YOUNG	D D = RARE	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	4= CVR > 609 25 - 50 25 - 50 25 - 50 IONAL A = A MATURE	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE:	1 = >25 1 = >2	PIONEEF	DEP DEP DEP	< 10 < 10 < 10 < 10 ONE · R YOUNG TH TO MO TH OF ORG	TILES / GANICS	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS AND STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE: HOMOGENEOUS COMMUNITY CL	1 = >25 1 = >2	PIONEEF	DEP DEP DEP	< 10 < 10 < 10 < 10 ONE - R YOUNG	TILES / GANICS	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: SOIL ANALYSI TEXTURE: HOMOGENEOUS COMMUNITY CL COMMUNITY SE	1 = >25 0 = NONE BITION: BIT	PIONEER PIONEER PIONEER PIONEER PICATIO Fores Decid	DEP DEP DEP DEP DEP DEP DEP DEP DEP DEP	< 10 < 10 < 10 < 10 ONE · R YOUNG TH TO MO TH OF ORG	TILES / GANICS	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 MATURE CODE: CODE: CODE:	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
4 GRD. LAYER HT CODES: CVR CODES STAND COMPOS SIZE CLASS ANA STANDING SNAC DEADFALL / LOC ABUNDANCE CODE COMM. AGE: HOMOGENEOUS COMMUNITY CL COMMUNITY SE ECOSITE:	1 = >25 0 = NONE SITION: ALYSIS GS: GS: SS: SS: RIES: PE:	PIONEER PIONEER PIONEER PIONEER PICATIO Fores Decid	DEP DEP DEP DEP DEP DEP DEP DEP DEP DEP	< 10 < 10 < 10 < 10 ONE · R YOUNG TH TO MO TH OF ORE TH TO BEE	TILES / GANICS	10 - 24 10 - 24 10 - 24 0 = 0 AlD-AGE	R · 60°	25 - 50 25 - 50 25 - 50 25 - 50 26 - 50 26 - 50 27 - 50 28 - 50 28 - 50 29 - 50 20 - 5	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	

ELC	SITE: T-Line
	POLYGON: Feature 29
PLANT	DATE:
LIST	SURVEYOR(S):

SPECIES CODE		LA	YER	26	COLL.			LA	YER		1
Stanformer (* 4	1	2	3	4	COLL	SPECIES CODE	1	2	3	4	ı
BETPAPY	R	Į.	÷								
QUEMACR	A						\top				
POPTREM	Α	Ų	- l	-		3			3		
ACESASA	0			5							
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CORFORA			0								
RHACATH			0					-1	=4		•
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PERSONAL PROPERTY.				9	CONT	settentlicrop				ile i	_
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		4		19	71						_
57 (1825)									T	T	



Stantec Consulting Ltd. 70-1 Southgate Drive Guelph, Ontario, Canada N1G 4P5

Tel: (519) 836-6050

Feature 37

Wildlife Habitat **Assessment**

Project Number	61010646		Project Name: Samsung						
Date / Time:	v. 4. 10	L SALL AND THAT	Field Personr	nel: GAW					
Weather Conditions:	Temp:	Wind:	Cloud:	PPT: light rain	PPT in last 24 hrs: Rain				
Reptile Hibernacul uried concrete or rock (ock crevices or inactive	e.g. foundations,								
		reptile hiberr	acula features	S? ☐ Yes ☐ No	(if yes, unknown				
escribe details in Tab	ole 1).				(if yes, unknown				
escribe details in Tab Bat Hibernacula F Does the site cont	ole 1). <u>eatures</u> i.e. ka ain potential I	rst topography,	abandoned mine	es or caves					
Does the site control lescribe details in Tab Bat Hibernacula Fooes the site control lescribe details in Tab	ole 1). <u>eatures</u> i.e. ka ain potential l ole 1).	rst topography, bat hibernac	abandoned mine	es or caves □ Yes □ No (if y					
escribe details in Tab Bat Hibernacula F Does the site cont	ole 1). <u>eatures</u> i.e. ka ain potential l ole 1).	rst topography, bat hibernac pernacula fea	abandoned mineula features?	es or caves ☐ Yes ☐ No (if y d on site					
escribe details in Tab Bat Hibernacula F Does the site cont escribe details in Tab Table 1: Potential	eatures i.e. ka ain potential l ble 1). bat/reptile hib	rst topography, bat hibernac pernacula fea	abandoned mineula features?	es or caves ☐ Yes ☐ No (if y d on site	Species observed usin				
escribe details in Tab Bat Hibernacula F Does the site cont escribe details in Tab Table 1: Potential	eatures i.e. ka ain potential l ble 1). bat/reptile hib	rst topography, bat hibernac pernacula fea	abandoned mineula features?	es or caves ☐ Yes ☐ No (if y d on site	Species observed usin				

List species and type of observation: (TK = track, SC = scat, VO = vocalization, OB = observed, DP = distinctive parts, FE = feeding evidence, CA = carcass, FY = eggs, nest, HO = house/den, SI = other sign)

Birds	Mammals	Herps	Butterflies / Dragonflies	Other
e. AMRO/VO	/	- /	- 7	1
/				
		,		
Ÿ				

Woodland Assessment-complete 1 assessment for each woodland Woodlot # (indicate on map) : Polygon () Approximate age of stand __midage___ Are large (i.e. >40cmDBH and >25m tall) trees present Yes No not seen from road If yes, approximate # present or % of stand ___ Location in stand (i.e throughout, in west side only, in FOD2-6 only etc..) Are snags present? Tyes No None seen from edge If yes provide characterization of number present, height and DBH of snags and indicate if they contain loose bark. Trees with cavities present? I No Rare Occasional Abundant Unknown Height ranges of Range of Tree Range of Cavity Cavity sizes DBH tree Heights (approx. diameter) Bat Mat Roost? None Seen. Presence of large stick nests (i.e. raptor nests)? Yes No None Seen If yes, UTM and describe tree type, height and position in tree, size of nest, species present Evidence of disturbance? (i.e logging, roads, paths, ATV use, trails) Yes No Unknown If yes, describe Seeps/ springs present? Yes No Unknown If yes, Seep/Spring # UTM Description Surrounding Habitat Vernal Pools Present? Yes No Unknown If yes, Size of pool Depth of water Presence of Presence of shrubs. Location (diameter) emergent/submergent logs at pond edge veg?

ELC	SITE:						POLY	GON: (2)			
COMMUNITY	SURVE	YOR(S):			DATE:				UTME		
DESCRIPTION & CLASSIFICATION	START	LL.	END	ē.			UTMZ	ri,	UTMN		
OLYGON DES	SCRIP	TION									
SYSTEM	SUB	STRATI		OGRAPHIC EATURE	HI	STORY	PLA	NT FORM	CO	MMUNITY	
TERRESTRIAL WETLAND AQUATIC	TLAND MINERAL SOIL		- BO	CUSTRINE TERINE, TOMLAND RRACE LLEY SLOPE BLELAND LL. UPLAND FF		CULTURAL SUI		NIKTON BMERGED DATING-LVD. AMINOID RB HEN YOPHYTE CIDUOUS	PON RIVE STR STMAR SWA	LAKE POND RIVER STREAM MARSH SWAMP FEN BOG BARREN	
SITE			. □ TAI	US EVICE / CAVE	C	OVER		NIFEROUS	I MEA	DOW	
OPEN WATER SHALLOW WATER SURFICIAL DEP. BEOROCK	1,20	SYN.	□ RO	CKLAND ACH / BAR ND DUNE	OPE SHR	UB			PRA THIC SAV. WOX FOR	EXET ANNAH DOLAND EST NTATION	
TAND DESCR	HT	N: CVR	/22	SPECIES				ASING DO			
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SUB-CANOPY							47				
SUB-CANOPY	5	- '	- 11	= 101							
UNDERSTOREY	ь 7	4	"					i sa lii Lii kaa		2 (45)	
UNDERSTOREY GRD. LAYER T CODES: VR CODES	5 7 1=>251 0= NONE	1 2 10< 1 2 0%	// HT:25 m	3 = 2 <ht<10 m<br="">% 2= 10 < C\</ht<10>					1 3	≠HT<0.2 m	
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UNDERSTOREY GRD. LAYER TOODES: VR CODES TAND COMPOS TAND COMPOS TANDING SNAC DEADFALL / LOC BUNDANCE CODE COMM. AGE:	T T T T T T T T T T T T T T T T T T T	2 10% ·	// HT. 25 m CVR \ 10	< 10 < 10 < 10 < 10 ONE · R:	R . 25%	10 - 24 10 - 24 10 - 24 0 = 0	CCASIC	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 > 50	
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNAC EADFALL / LOC BUNDANGE CODE OMM. AGE: COIL ANALYS!	T T T T T T T T T T T T T T T T T T T	2 10% ·	// HT. 25 m C CVR \ 10	< 10 < 10 < 10 ONE · R:	R , 25%	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	R < 80%	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNAC EADFALL / LOC BUNDANGE CODE OMM. AGE: OIL ANALYS! EXTURE:	b 7 1=>251 0=NONE SITION: ALYSIS SS: SS:	2 = 10c 1 = 0% ·	N = N'	< 10 < 10 < 10 < 10 ONE · R: OUNG	R 25%	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIC	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 NT OLD GROWTH	
UNDERSTOREY GRD. LAYER T CODES TAND COMPOS IZE CLASS ANA TANDING SNACE BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS	b 7 1=>251 0=NONE SITION: SITION: SIS: SIS: SIS: SIS: SIS: SIS: SIS: SI	1	N = N DEP	< 10 < 10 < 10 ONE · R:	R 25%	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIC	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A	BA:	> 50 > 50 > 50 > 50 NT OLD GROWTH	
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UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNACE BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS OMMUNITYC OMMUNITY CL	b 7 1=>251 6=NONE SS: SS: SS: LASSI ASS: J VAI	PIONEE	N=N' DEP' DEP' DEP' DEP'	< 10 < 10 < 10 < 10 ONE RECORD	R , 25%	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE	CCASIC	25 - 50 25 - 50 25 - 50 25 - 50 NAL A = A MATURE	BA:	> 50 > 50 > 50 > 50 INT OLD GROWTH (cm)	
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UNDERSTOREY GRD. LAYER T CODES: VR CODES TAND COMPOS IZE CLASS ANA TANDING SNACE EADFALL / LOC BUNDANCE CODE OMM. AGE: OIL ANALYSI EXTURE: OMOGENEOUS COMMUNITY CL OMMUNITY SEI COSITE: M(V)	b 7 1=>251 6=NONE SITION: SS: SS: SS: LASSI ASS: PERS: PERS:	PIONEE PIONEE PIONEE Mean Mea	DEP DEP DON:	< 10 < 10 < 10 < 10 ONE REPORTED TO MOTER TO MOTER TO BEET MAYS MAYS MAYS	FRARE FILES BANICS BROCK	10 - 24 10 - 24 10 - 24 0 = 0 MID-AGE / GLEY S:	g =	25 - 50 25 - 50 25 - 50 NAL A = A MATURE CODE: //	BA: BA: BA: BUNDA G= MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	> 50 > 50 > 50 > 50 SROWTH (cm)	
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ELC	SITE: T-Line
PLANT	POLYGON: Feature 37
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LIST	SURVEYOR(S):

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		CARI	B. BEDRK.		VICE / CAVE	covi	ER	CON	IIFEROUS ED	☐ MEAI	DOW RIE	
S	PEN WATER HALLOW WATER URFICIAL DEP. EDROCK		14.6	ROC	KLAND ACH / BAR ID DUNE	OPEN SHRUB				THICKET SAVANNAH WOODLAND FOREST PLANTATION		
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	LAYER	нт	CVR	(>> A	SPECIES NUCH GREA	IN ORDER	> GRE	ECRE/	HAN; = AB	OUT EQ	UAL TO)	e ^{lo}
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iT CV	CODES: R CODES	100	E 1= 0% <	HT 25 m	1 a 2ch(T, 10)	No Acce m 4 = 1 < HT < 2 VR < 25% 3=	m 5 = 0),5 <ht;1 R : 60%</ht;1 	m 6 = 0.2 <h 4= CVR > 80</h 	7:0.5 m 7 % BA:	' = HT<0.2 m	
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ST ST OF ST	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE:	1 = >25 0= NOM SITION: ALYSIS GS: DGS:	2 = 10<- m 2 = 10<- E 1 = 0% <	D N = N	3=2chT(10) 4 2=10 < C < 10 < 10 < 10 ione - F YOUNG	A 1 A 1-1-HT-2 VR < 25% 3= A 1-1 1 1 1 = RARE	0 - 24 0 - 24 0 - 24 0 - 24	R 60%	25 - 50 25 - 50 25 - 50 ONAL A =	BA:	> 50 > 50 > 50 > 50 ANT	-/-
ST SIZE	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: OISTURE:	1 = >25 0 = NONI SITION: ALYSIS GS: GS: DES:	m 2=10-c E 1=0% <	D N = N DEP DEP	3 = 2 chT (10) 4 10 < 10 4 10 4 10 5 10 7 1	A 1 A 1- A 1- A 1- A 1- A 1- A 1- A 1- C 25% 3= A 1- C 3- A 1- 0 - 24 0 - 24 0 - 24 0 - 24	R SO%	25 - 50 25 - 50 25 - 50 ONAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH	-/-	
ST ST DE	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: OMOGENEOL	1 = >25 0 = NONI SITION: SITION: ALYSIS GS: DGS: DES:	# 2=10-K	DEP DEF	3=2chT(10) 4 2=10 < C < 10 < 10 < 10 ione - F YOUNG	A 1 A 1- A 1- A 1- A 1- A 1- A 1- A 1- C 25% 3= A 1- C 3- A 1- 0 - 24 0 - 24 0 - 24 0 - 24	R SO%	25 - 50 25 - 50 25 - 50 ONAL A =	BA:	> 50 > 50 > 50 > 50 ANT OLD GROWTH	-/-	
ST SIZE STE	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: OISTURE:	1=>25 0= NONI SITION: SITION: GS: GS: GS: GS: UES:	PIONEE	DEP DEF	3 = 2 chT (10) 4 10 < 10 4 10 4 10 5 10 7 1	A 1 A 1- A 1- A 1- A 1- A 1- A 1- A 1- C 25% 3= A 1- C 3- A 1- 0 - 24 0 - 24 0 - 24 0 - 24	R SO%	25 - 50 25 - 50 25 - 50 ONAL A = MATURE	BA: ABUND G= SW	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm)	-/-	
ST ST ST ST ST ST ST ST ST ST ST ST ST S	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: DIL ANALYS EXTURE: DMGGENEOL OMMUNITY	1=>25 0= NONI SITION: ALYSIS IGS: IGS: IGS: IGS: IGS: IGS: IGS: I	PIONEE	DEP DEF	3 = 2 chT (10) 4 10 < 10 4 10 4 10 10 ONE - F YOUNG TH TO MO TH TO BE	A 1 A 1- A 1- A 1- A 1- A 1- A 1- A 1- C 25% 3= A 1- C 3- A 1- 0 - 24 0 - 24 0 - 24 0 - 24	R SO%	25 - 50 25 - 50 25 - 50 DNAL A = MATURE	BA: ABUND G= SW SW	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm) (cm)	-/-	
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ST ST ST ST MH C C C E	CODES: R CODES AND COMPO ZE CLASS AN ANDING SNA EADFALL / LO UNDANCE COD DMM. AGE: OIL ANALYS EXTURE: OMOGENEOU OMMUNITY C OMMUNITY S	DES: DES:	PIONEE PIONEE ARIABLE EIFICAT SWA Decid	DEP DEF DEF TON:	3=2chT(10) 4 2=10 < C <10 <10 <10 ione · F YOUNG TH TO MC TH TO BE	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	0 - 24 0 - 24 0 - 25 0 - 24 0 - 24 0 - 24	R 60%	25 - 50 25 - 50 25 - 50 DNAL A = MATURE	BA: ABUND G= SW SW	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm) (cm)	-/-
ST ST ST ST MH C C C E	CODES: R CODES R CODES AND COMPO ZE CLASS AN EADFALL / LO IUNDANCE COD DMM. AGE: OIL ANALYS EXTURE: OMOGENEOL OMMUNITY C OMMUNITY C OMMUNITY S COSITE: COSITE: COSITE: COSITE: COSITE: CODES COD	1=>25 0= NONI SITION: GS: GS: GS: GS: CES: CLASS: LASS: ERIES:	PIONEE PIONEE PIONEE ARIABLE Decin	DEP DEF TON:	3=2chT(10) 4 2=10 < C <10 <10 <10 ione · F YOUNG PTH TO MC TH TO BE	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	0 - 24 0 - 24 0 - 25 0 - 24 0 - 24 0 - 24	R 60%	25 - 50 25 - 50 25 - 50 DNAL A = MATURE CODE: CODE:	BA: ABUND G= SW SW	> 50 > 50 > 50 > 50 ANT OLD GROWTH (cm) (cm)	-/-
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ELC	SITE: Transmission Line	_
	POLYGON: Feature 37	
PLANT SPECIES	DATE:	_
LIST	SURVEYOR(S):	_

	LAYER			Ant.	COLL.	A SON THE P	LAYER				COLL	
SPECIES CODE	1		3		COLL.	SPECIES CODE	1	2	3	4	COLL	
QUEMACR	A		Н									
POPBALS	0			· H	H-20-00							
ULMAMER	A								A			
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