

# **Appendix B6**

Valleyland Surveys

Study area: Date (yyyy-mm-dd):	Bluewater Jericho 2012-05-17	(Goshen)		Map No: Time Started:	12:00pm	SH 3105/3071
Field Staff: UTM Coordinates	Easting 457572			Time Finished: Northing 4792	12:53 pm	
Landform prominence	2					
Is area well defined?	□ no	yes - it	yes see below			
Does area have an ave	erage width of 25m or mor∈ □ no	Xyes		of slope to top of slope) of slope to valley bottom)	30	m www.
Surfacewater function	ns Is there surface water drainage?	□ no	N/ves - if ves	, flowing/direction	10. Hovest	how field
	Is there standing water?	□ no		, width 10-30	1.0	- C
	Is there exposed soil?	□no	Neves none	bras		3941
	What is the degree of slope?	n/a c	an't see plu	be bon occan	point	
Are there wetland cor	mmunities present? 🗆 no	o√yes - if ye	es what type	Thull The marsh Exswam (refer to ELC and wetland	p □ bog □	fen Neorldy a entry)
Groundwater/Distinc	tive geomorphic landforms		⊠no	C11100		
	Is there evidence of groundwater	r seepage	□ iron stain	C (200	if yes please check	cator species observed
4-00	Dank	seepage	□ IIOII 3talli	ing 🗆 groun	idwater mai	cator species observed
Distinctive geomorph	nic landforms					
	Are any of the following landform	is present?	Xnone	□ terra	ces 🗆	exposed soil strata
ļ	(check all that apply)		□ oxbow	□ delta		bottonlands
				lopes along riverbar		
Brief description of ar	rea: pice waters once the cont	aur	- Cloamboo		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Degree of naturalnes	What is the vegetation cover aroung (refer to ELC and wetland data cards for data ent		□ open □ woodland ※② wetland ※③ meadow □ thicket	(CUW, CUP, FOD, FOO (MAM, MAS, SWT SW (CUM)	D)swм) %	cover 50
	What is the estimated width of na	atural cover				m
	Is there evidence of disturbance?		3	Contrae plops	yes	<u> </u>
Description:	old read, some again	ettine				
Unique communities	and species Evidence of seasonally important (refer to significant wildlife data card for data en		winter yards, stopover		□ no	Δίγes
	Is there evidence of an existing li	nkage area o	r potential for r	estoration	□ no	yes
description:	area used to have a re	iad thui	ich I have	Ver has been c	clereet c	useethy regenerate
Notes	* one neuros to 1	ne para	Valley/an	els than va	Our feat	tice however
011 3071 27			1		Fr. E	

Study area:	Bluewater Je	ericho	Goshen	)	Map No:	VAL	-02 (SH 2572/24
Date (yyyy-mm-dd):	2012-05-17				Time Started:		900
Field Staff: UTM Coordinates	Jess Putt TTom 5.	hriney	522		Time Finished: Northing 476	13.3	Opri
		1 1 .		80		1 121	
Landform prominence Is area well defined?	Col.		definite	es see below			mild playes
Does area have an ave	erage width of 25m or mo	rŧ X(no □	yes	1.	of slope to top of slope) of slope to valley bottor		m
Surfacewater function	ns Is there surface water dr	rainage?	no	₩ ves - if ves,	flowing/direction	on east/	west pura adjount
	Is there standing water?	. 1970	no	X ves - if ves.	width 20-	3() m	depth m
	Is there exposed soil?		no	□ yes			unknown
				5. 11. 0	ast pule but	NO Olas	1 (Ac) - 674
	What is the degree of sk	oper 1	/6	J the s	fort france	Les lands	VY DURL
Are there wetland cor	nmunities present?	□ no ළ	yes - if yes	what type	☐ marsh ☐ swa		
Groundwater/Distinc	tive geomorphic landform Is there evidence of grou			X∫no	□ yes	5 - (if yes please	check all that apply)
		□ bank seep	oage	☐ iron staini	5%:		indicator species observe
Distinctive geomorph	ic landforms			CS 410			
	Are any of the following	landforms pr	esent?	<b>X</b> none	□ te	rraces	□ exposed soil strata
	(check all that apply)			T subsecu	n del	la	
				□ oxbow	□ del		□ bottonlands
Brief description of ar	ea:			☐ erodings sl	opes along river	banks or va	illey walls
							7721
Degree of naturalnes	S What is the vegetation of	over around	feature	Id open Man	icined Lawy	1	
	(refer to ELC and wetland data card		reature	□ woodland	(CUW, CUP, FOD,		%cover
	freier to ELC and wetland data card	s for data entry		□ wetland	(MAM, MAS, SWT,	33 - 33 - 33 - 33 - 33 - 33 - 33 - 33	%cover %
				™ meadow	(CUM)	QUO JOHAM)	%cover 20
				□ thicket	(CUT)		%cover
	What is the estimated w	idth of natura	al cover or	either side of	feature		m
	Is there evidence of dist	urbance?			□ no	□ yes	m
						- 1	
Description:	( <del>-</del>				<del></del> :		
Unique communities	and species Evidence of seasonally in				reas, hibernacula)	□ no	yes
	Is there evidence of an e		1		storation	□ no	∕eryes
description:	Willia Fea	•6	Appendix 400 - 100			70177	
Notes	- sent is when	ausei la	ω1 - <b>μ</b>	ert awall	sup featur	ξ.	
	33,34,35	36 37	38				

Study area:	Bluewater Jericho	Goshen		Map No:	VALU:	2- 6542635
Date (yyyy-mm-do	1): 2012.05-17			Time Started:	1-240	
Field Staff:	Irss Putte + Tim Shurney			Time Finished:	1'35 AM	1
JTM Coordinates	Easting 456719			Northing 4796		
andform promin	ence no clear valley walk	s but well	defined W	aterbrane with	h good	aparián von.
s area well define	d? Xi no	□ yes - it y	es see below			1 109
			width (from top	of slope to top of slope)		70-80 m
Does area have ar	average width of 25m or more 🗆 no	o □ yes	depth (from top	of slope to valley bottom)		3-5 m
Surfacewater fun	ctions Is there surface water drainage?	□no	Aves - if ves	flowing/direction	oast	west from felds
	Is there standing water?	□ no		The second secon	m	depth $\mathcal{N}/\mathcal{A}$ m
	VI I UING 37 - 2 0000	A. COMMISSION		width 1	-"	<u>70///)</u> III
	Is there exposed soil?	□ no	⅓ yes			
	What is the degree of slope?	20-50	<b>-</b> 33			
Are there wetland	I communities present? □ no	pryes - if yes	s what type	M march M swam	n □ hog	I fen Mar hase
The there wettane	communities presents:	payes if yes	whattype	(refer to ELC and wetland		
Groundwater/Dis	tinctive geomorphic landforms					
	Is there evidence of groundwate	er?	™ no	□ yes -	(if yes please	check all that apply)
	□ ban	k seepage	☐ iron staini	ng □ grour	ndwater	ndicator species observe
Distinctive geom	orphic landforms					
	Are any of the following landform	ms present?	対none	□ terra	ices	□ exposed soil strata
	(check all that apply)		:200	essential part		7:
			□ oxbow	□ delta	S	□ bottonlands
			□ erodings sl	opes along riverba	nks or va	lley walls
Brief description of	of area:					
Degree of natura	What is the vegetation cover are	ound feature	□ open			
	(refer to ELC and wetland data cards for data en		`⊠ woodland	(CUW, CUP, FOD, FO	C. FOM)	%cover (U
				(MAM, MAS, SWT, SW		%cover 10
				(CUM)	*************	%cover 30
			The state of the state of the state of	PRESCRIPTION		supplemental and the supplemen
			□ thicket	(CUT)		%cover
			□ thicket	(CUT)		%cover
	What is the estimated width of I	natural cover o				50-60 m sus+
	What is the estimated width of I	natural cover o				
				feature	Aves	<u>50-60</u> m sous + m
	What is the estimated width of i				Ò√yes	<u>50-60</u> m sous + m
Description:	Is there evidence of disturbance	e?	n either side of	feature	Ò√yes	<u>50-60</u> m sous + m
Description:		e?	n either side of	feature	₿⟨yes	<u>50-60</u> m sous + m
	Is there evidence of disturbance	e?	n either side of	feature	∭yes	<u>50-60</u> m sous + m
Description: <b>Unique commun</b>	Is there evidence of disturbance	e? field to th	n either side of	feature	Ø√yes	<u>50-60</u> m sous + m
	Is there evidence of disturbance	e? field to the	n either side of	feature		50-60 m pust m plight
	ities and species Evidence of seasonally importan (refer to significant wildlife data card for data of	nt habitat (deer wi	n either side of	feature  no  no  areas, hibernacula)	□ no	50-60 m sust m plight m
	ities and species Evidence of seasonally importar (refer to significant wildlife data card for data of the seasonally important).	nt habitat (deer wi	n either side of	no no areas, hibernacula)	□ no	50-60 m sust  m  plight  Xyes
	ities and species Evidence of seasonally importar (refer to significant wildlife data card for data of the seasonally important).	nt habitat (deer wi	n either side of	no no areas, hibernacula)	□ no	50-60 m sust  m  plight  Xyes
Unique commun	ities and species Evidence of seasonally important (refer to significant wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data or list the seasonally important will be seasonally in the seasonally important will be seasonally	nt habitat (deer wientry) Inkage area or	n either side of  the lat  inter yards, stopover a  potential for re	feature  no  areas, hibernacula)  estoration	no no	50-60 m pust  m  plight  Xyes
Unique commun	ities and species Evidence of seasonally important (refer to significant wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data or list the seasonally important will be seasonally in the seasonally important will be seasonally	nt habitat (deer wientry) Inkage area or	n either side of  the lat  inter yards, stopover a  potential for re	feature  no  areas, hibernacula)  estoration	no no	50-60 m pust  m  plight  Xyes
Unique commun	ities and species Evidence of seasonally important (refer to significant wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data or list the seasonally important will be seasonally in the seasonally important will be seasonally	nt habitat (deer wientry) Inkage area or	n either side of  the lat  inter yards, stopover a  potential for re	feature  no  areas, hibernacula)  estoration	no no	50-60 m pust  m  plight  Xyes
Unique commun	ities and species Evidence of seasonally important (refer to significant wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list there evidence of an existing of the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data card for data or list the seasonally important wildlife data or list the seasonally important will be seasonally in the seasonally important will be seasonally	nt habitat (deer wientry) Inkage area or	n either side of  the lat  inter yards, stopover a  potential for re	no no areas, hibernacula)	no no	50-60 m pust  m  plight  Xyes

Study area:	Bluewater Jericho	(Goshen)		Map No:	VAL	12-GSH 2953
Date (yyyy-mm-dd):	2012-05-17			Time Started:		ipm
Field Staff: UTM Coordinates	Less Pette + Tom Sharay			Time Finished: Northing 4796:	1.23	₽m
				110.08 17.0.	93	
Landform prominent	Will work that					
Is area well defined?	Slopes with findly	LALY LI yes - If y	es see below			
Does area have an av	verage width of 25m or more $\Box$	no 🗷 yes		o of slope to top of slope) o of slope to valley bottom		3-5 m
Surfacewater function	ons Is there surface water drainag	e? □ no	X ves - if ves	, flowing/direction	nest/	aleat
	Is there standing water?	□ no	gyes - if yes		. s <u>way</u>	depth unfum
	Is there exposed soil?	⊠no				<u> </u>
	VINOS CARACTERISTICS CONTRACTOR C		□ yes will (	regetalie		
	What is the degree of slope?	5-10	<del>-</del>	- T		
Are there wetland co	ommunities present?	o o∕ves - if yes	s what type	⊠ marsh ⊠ swa (refer to ELC and wetlan		or data entry)
Groundwater/Distin	ctive geomorphic landforms Is there evidence of groundwa	ater?	Xino	Πves	- lif vas plaase	check all that apply)
	2	ank seepage	☐ iron stain	50	8.8.401	indicator species observed
	LI Do	ank seepage	□ IIOII StallI	ms u grot	inuwater	maicator species observed
Distinctive geomorp	hic landforms					
	Are any of the following landfo	orms present?	none	□ ter	races	□ exposed soil strata
	(check all that apply)		□ oxbow	□ delt	as	□ bottonlands
Brief description of a	irea:		□ eroungs s	lopes along riverb	anks or va	illey walls
1321						
Degree of naturalne					NW TWO	atisimus
	What is the vegetation cover a		□ open		noth of	Natural
1	(refer to ELC and wetland data cards for dat	a entry)		(COW, COP, FOD, F	OC, FOM)	%cover 30
			™ meadow	(MAM, MAS, SWT, S (CUM)	WD, SWM)	%cover (4)
			ĭ thicket	* 1 = 1 = 12		<del></del>
			ja tilicket	(CUT) Rolge		%cover_/\u00f3
	What is the estimated width o	of natural cover o	n either side of	f feature		>100 mlast
						In m West (manu
	Is there evidence of disturban	ice?		□ no	∦yes	10mm
	1				Aires	20-07
Description:	west has a farm d	lise				
	V					
Unique communities	s and species					
All articles ACT Co. India AC amount through the indices that	Evidence of seasonally import				□ no	∯ yes
	(refer to significant wildlife data card for da	ta entry) WWW	macula/wa	reforms		o 2.
	Is there evidence of an existin	ig linkage area or	potential for re	estoration	□ no	yes
description:	cultural meadow to	i the east				*
Notes	od Aparian cover &	transport o	intine lor	with a wa	tnevuls	e
			TOO SOL	2, 0		
	4647,48,40	2				

Study area: Date (yyyy-mm-dd Field Staff:	Bluewater Jericho  2012-05-17  Jess Patto + Tom Shara  Easting 456100	Goshen		Map No: _Time Started: Time Finished:	2:07	017
UTM Coordinates		,		Northing	4798	394
Is area well defined	IN COUNTY TO THE PARTY OF THE P	□ yes - it	yes see below			
Does area have an	average width of 25m or mor∈ □ no	√yes		of slope to top of slope) of slope to valley bottom)		Ya m not able to mawning of green
Surfacewater func	itions Is there surface water drainage?	□ no	∩Ø ves - if ves	. flowing/direction	nort/	west from adjournt page
	Is there standing water?	□no	⊃ ves - if ves.	, width 20-30	m m	depth <u>n/6</u> m
	Is there exposed soil?	□no	yes yes			unknown
	What is the degree of slope?	50 very	egradual to	words nonels		
Are there wetland	communities present?	= 20	es what type	marsh swan		
Groundwater/Dist	tinctive geomorphic landforms Is there evidence of groundwate	r?	≰no	□ yes -	(if yes please	check all that apply)
	□ bank	seepage	☐ iron staini	ing □ grou	ndwater ii	ndicator species observed
Distinctive geome	rnhic landforms					
Distinctive geomo	Are any of the following landform	ns present?	(Mone	□ terr	aces	□ exposed soil strata
	(check all that apply)		□ oxbow	□ delta	ıs	□ bottonlands
Brief description o		ound feature	□ open			
	(refer to ELC and wetland data cards for data en	itry)	□ woodland □ wetland □ meadow	(CUW, CUP, FOD, FO (MAM, MAS, SWT, SV (CUM)		%cover %cover
			□ thicket	(CUT)		%cover
	What is the estimated width of n	natural cover	on either side of	f feature		750 meast (SWD) 250 m west (marsh)
	Is there evidence of disturbance	?		ă,no	□ yes	NEST (MOUNT)
Description:						
Unique communit	Evidence of seasonally importan				□ no	Øyes
	(refer to significant wildlife data card for data e				□ no	∭ yes
		8				74700
description:		feating ,	s within	swo frust a	bready	,
description:		feating ,	s within	swo fount a	locary	
***		feating i	s within	swo fount a	livary	•

Study area:	Bluewater Jericho	( Goshen )		Map No:		2- BH2	559
Date (yyyy-mm-dd) Field Staff:		D28517		_Time Started: _Time Finished:	1:450		
UTM Coordinates	Less Rette + Tom Show Easting 456100	sect			1.500	77	
Landform promine	1, 1,100,000	- 10 - 100.	acad all				
Is area well defined	I A Anda Abanda	PASSES ATTACK	es see below	supe			
is area well defined	11 110	□ yes - ii y					
Does area have an	average width of 25m or more	⊐ no )g∕yes		of slope to top of slope) of slope to valley bottom)	n	>100 m /a m	gradual plane
Surfacewater funct		~~? U **	Musa itusa	, flowing/direction	1/		
	Is there surface water draina	~	д yes - II yes,	, nowing/unection	1/1/31/1	depth W	nknown
	Is there standing water?	□ no	7,100 11,100	, width 20-30	<u> </u>	depth	m
	Is there exposed soil?	□ no	Xyes				
	What is the degree of slope?	<u>5°</u>	-				
Are there wetland	communities present?	no ∮yes - if ye	what type	☐ marsh 🔯 swar (refer to ELC and wetlan			
Groundwater/Dist	inctive geomorphic landforms Is there evidence of groundy	vater?	⊠no	□ yes -	(if yes please	check all that ap	oply)
		bank seepage	☐ iron staini	ng □ grou	ndwater i	ndicator sp	ecies observed
Distinctive geomo	rphic landforms						
	Are any of the following land	forms present?	🕱 none	□ terr	aces	□ expose	d soil strata
	(check all that apply)		□ oxbow	□ delta	a c	□ bottonl	ande
				lopes along riverb			anus
Degree of natural	ness What is the vegetation cove	r around feature	□ open				
	(refer to ELC and wetland data cards for d		□ woodland	(CUW, CUP, FOD, FO	OC. FOM)	%cover	
	₹7	15	□ wetland	(MAM, MAS, SWT, S	2	%cover/8	υ /.
			□ meadow	(CUM)		%cover	
			□ thicket	(CUT)		%cover	
	What is the estimated width	of natural cover o	n either side of	feature	5	-50 m	
	what is the estimated width	of flatural cover o	il either side of	reacure			
	Is there evidence of disturba	ince?		⊠no	□ yes	, <u>50                                    </u>	
Description:	great riparion cover	on both sides					
Unique communit	ies and species Evidence of seasonally impo	rtant habitat /		htt	□ no	) }	í <sub>yes</sub>
	(refer to significant wildlife data card for			arla, tutte res			ı yes
	Is there evidence of an exist			1	no no		□ yes
description:		<del>7</del>					- A- 30
W. Arrest							
Notes							
I							

Study area: Date (yyyy-mm-dd) Field Staff:		Jericho Gosher	n	Map No: Time Started: Time Finished:	5.03	GSH 2847	
UTM Coordinates	Jess Vieta + Tm S Easting	mnny 456965	5	Northing	2115	472	
Landform promine	nce						
Is area well defined	? 🗆 no	⊠ yes - it	yes see below				
Does area have an a	average width of 25m or m	ore on ves		p of slope to top of slope) p of slope to valley bottom)	+ 10 N/4	000m m m	
Surfacewater funct	ions Is there surface water	drainage? □ no	☑ yes - if ye	s, flowing/direction	East 1	lepth 2-4m	
	Is there standing water	r? □ no	☑ yes - if ye		m d	lepth 2-4m	í
	Is there exposed soil?	™no .	□ yes	\ <del>-</del>		y <del>====</del>	
	What is the degree of	slope? 5		0 100			
Are there wetland o	communities present?	□ no 🛮 ves - if y	es what type	☐ marsh ☐ swan (refer to ELC and wetland			
Groundwater/Disti	inctive geomorphic landfo		⊠no	□ ves -	lif ves please che	eck all that apply)	
	is there exidence or gi	□ bank seepage	☐ iron stair			licator species of	nserved
			= 11011 Stall		rarrater in a	meator species of	osci vcu
Distinctive geomor	phic landforms						
	Are any of the following (check all that apply)	g landforms present?	none	□ terra	ices [	exposed soil st	rata
	(Control of the Control of the Contr		□ oxbow	□ delta	s E	bottonlands	
Brief description of			□ erodings :	slopes along riverba	nks or valle	y walls	
Degree of naturaln	What is the vegetation (refer to ELC and wetland data ca		□ open □ woodland □ wetland □ meadow □ thicket	(CUW, CUP, FOD, FO (MAM, MAS, SWT, SW (CUM)	/D, SWM) 9	6cover 60 6cover 30 6cover 10	
	What is the estimated	width of natural cover		W. STAN			
	Is there evidence of di	sturbance?		□ no	ves	<u></u>	
Description:	Agricult	w			-,		
Unique communiti		important habitat (deer	winter yards, stopover	areas, hibernacula)	□ no	₽yes	2.1
	(refer to significant wildlife data	ard for data entry)			(	Potential	water
	Is there evidence of ar	existing linkage area o	or potential for r	estoration	₽no	□ yes	
description:	<u> </u>						
Notes Vie	59,60,61						
- water me	red Flows th	rough beater	20				
-Para	II Para.	110 anti-	- Lund:	hides	35		

Date (yyyy-mm-dd): Field Staff: UTM Coordinates		Map No: Time Started: Time Finished: Northing	65H 2753 1/d07- 2.52 3:00 480/160
Landform prominen	1		
Is area well defined?	? □ no	yes see below	/
Does area have an a	overage width of 25m or more 🗆 no 🗓 yes	width (from top of slope to top of slope) depth (from top of slope to valley botton	
Surfacewater functi	ions Is there surface water drainage? □ no	☐ yes - if yes, flowing/directio	n N/S
	Is there standing water?	yes - if yes, width	m depth i 40 m
	Is there exposed soil?		iii deptii / / (O_iii
	What is the degree of slope?	Byes 10%	
Are there wetland o	ommunities present?		amp □ bog □ fen and data cards for data entry)
Groundwater/Distir	nctive geomorphic landforms		
	Is there evidence of groundwater?		- (if yes please check all that apply)
	□ bank seepage	☐ iron staining ☐ gro	undwater indicator species observed
Distinctive geomorp	phic landforms		
155	Are any of the following landforms present?	⊡ none □ tei	rraces   exposed soil strata
	(check all that apply)	□ ovhow □ d-l	IF TARREST ACCOMMENTS
		□ oxbow □ del	tas □ bottonlands
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Brief description of	area:	☐ erodings slopes along river	oanks or valley walls
		□ erodings slopes along river	panks or valley walls
Brief description of a	ess		oanks or valley walls
		□ erodings slopes along riverb □ open □ woodland (cuw, cup, Fop, F	500 - 500 -
	ess What is the vegetation cover around feature	□ open	FOC, FOM) %cover
	ess What is the vegetation cover around feature	□ open □ woodland (cuw, cup, Fod, F	FOC, FOM) %cover
	ess What is the vegetation cover around feature	□ open □ woodland (cuw, cup, FoD, F □ wetland (MAM, MAS, SWT, S	FOC, FOM) %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
	ess What is the vegetation cover around feature	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	□ open □ woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the last there evidence of disturbance?  Estimated width of natural cover of the last there evidence of disturbance?	□ open □ woodland (CUW, CUP, FOD, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	□ open □ woodland (CUW, CUP, FOD, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the last there evidence of disturbance?  Estimated width of natural cover of the last there evidence of disturbance?	□ open □ woodland (CUW, CUP, FOD, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Degree of naturalne  Description:  Unique communitie	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the last there evidence of disturbance?  Estimated width of natural cover of the last there evidence of disturbance?	open woodland (cuw, cup, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover
Description:  Unique communities  description:	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the last there evidence of disturbance?  Estimated width of natural cover of the last there evidence of disturbance?	□ open □ woodland (CUW, CUP, FOD, Fod, Fod, Fod, Fod, Fod, Fod, Fod, Fod	FOC, FOM) %cover

Field Sta	/yy-mm-dd):	Bluewater 2012-05-19 BM Shorey Easting 45487	Jess	(Goshen)		Map No: Time Starte Time Finish Northing	ed: 3: 3: 2	182/2981 valoz 17 25 07332
	m prominence	e □ no		Tel vos - it vo	es see below			
		erage width of 25m or mo	or∈ □ no	⊴ yes - ii ye	width (from top o			25 m -4 m
Are the		Is there surface water d Is there standing water Is there exposed soil? What is the degree of sl nmunities present?	? lope? □ no	□ no □ no □ no □ vyes - if yes		width	ection Wes	
Ground	lwater/Distinc	tive geomorphic landfor Is there evidence of gro			□ no		groundwater i	check all that apply)
	tive geomorph	Are any of the following (check all that apply)	g landforms	s present?	□ none □ oxbow □ erodings sl	С	□ terraces □ deltas riverbanks or va	□ exposed soil strata □ bottonlands Illey walls
Degree	of naturalness	What is the vegetation (refer to ELC and wetland data can	ds for data entry	n)	open woodland wetland meadow thicket	(MAM, MAS, S (CUM) (CUT)	FOD, FOC, FOM) SWT, SWD, SWM)	%cover 90 %cover 10 %cover 10
Descrip	otion:	Is there evidence of dis	turbance?			□ no	dyes	Agriculturs
Unique	e communities	and species Evidence of seasonally (refer to significant wildlife data or	ard for data entr	ry)			no	Some Empored Soil
descrip	otion:	To Adjouent	Fea	tures				
Notes	Pic 91-9 Agriculton	busines and	w pui	aterious for	so meding			

Study area: Bluewater Jericho Date (yyyy-mm-dd): 2012-05-17	Goshen	)		58 Valor
Field Staff: Ton Shotney Jes	ss Pietle		Time Finished: 2: 4	
UTM Coordinates Easting — J			Northing	
Landform prominence	/			
Is area well defined?   no	Ø yes - it y	es see below		
Does area have an average width of 25m or mor∈ □ no	yes			// m // <u>—</u> m
Surfacewater functions		/		1/1
Is there surface water drainage?		gyes - if yes,	flowing/direction $\frac{1}{2}$ width $\frac{1}{2}$ m	1 /weet
Is there standing water?	□ no		width _/ 5 m	depth Z - 1/m
Is there exposed soil?	™no	□ yes		
What is the degree of slope?	5°	_		
Are there wetland communities present?	ves - if yes	what type	To marsh ☐ swamp ☐ bog (refer to ELC and wetland data cards	
Groundwater/Distinctive geomorphic landforms Is there evidence of groundwate	r?	⊡no	☐ yes - (if yes pleas	e check all that apply)
	k seepage	☐ iron staini		indicator species observed
Distinctive geomorphic landforms				
Are any of the following landform (check all that apply)	ns present?	none	□ terraces	□ exposed soil strata
(спеск ан тых арргу)		□ oxbow	□ deltas	□ bottonlands
		□ erodings sl	opes along riverbanks or v	alley walls
Brief description of area:				
Degree of naturalness				
What is the vegetation cover aro	ound feature	□ open		
(refer to ELC and wetland data cards for data en	itry)	□ woodland	(CUW, CUP, FOD, FOC, FOM)	%cover_15%
		☑ wetland	(MAM, MAS, SWT, SWD, SWM)	
		☑ meadow	(CUM)	%cover_ <u>1090</u>
		□ thicket	(CUT)	%cover
What is the estimated width of n	natural cover or	n either side of	feature	<u>50 m</u>
			/	20 m
Is there evidence of disturbance	?		□ no 🗷 yes	
Description: Agriculture				
Unique communities and species				
Evidence of seasonally importan		nter yards, stopover a	reas, hibernacula)	yes )
(refer to significant wildlife data card for data e	resultiv		(Pote	introl was westerfound)
Is there evidence of an existing l	inkage area or	potential for re	storation 🗔 no	□ yes
description:				
Notes Pic 62,63,64				
	unden	11	0	
-Barn swallows neating	91 moon	tomog	(1)	

	Bluewater Je	ericho	Goshen		Map No:	1/41/	2(SH 2090	
Study area: Date (yyyy-mm-dd):	2012 - 05-23	ericno	Gosnen		Time Starte		pm	)
Field Staff:	Jess Prote + Ton Sh	n/ren			Time Finishe			
UTM Coordinates	Easting	<del>511 /</del>			Northing	3	DI-	
Landform prominence	0 0 4 10 1 1	tt 0/	1.4.4	-				
Is area well defined?	, orott a pigli to	mux 1	·W(/)	aa aaa bala				
is area well defilled!	JEN 110		□ yes - ii yi	es see below				
Does area have an ave	erage width of 25m or moi	re 🗆 no	□ yes		of slope to top of slop of slope to valley bo		m	
Surfacewater functio	ns							
	Is there surface water dr	ainage?	□ no	□ yes - if yes	, flowing/direc	ction		
	Is there standing water?		□no	□ yes - if yes	. width	m	depth	m
	Is there exposed soil?		□ no	□ yes	_			<del></del> ···
	•			□ yes				
	What is the degree of slo	ope?		_				
Are there wetland co	mmunities present?	□ no	□ yes ~if yes	what type		swamp  bog		
Groundwater/Disting	tive geomorphic landform	ોં જ						/
	Is there evidence of grou	indwater?	•	□ no		YES - (if yes pleas	e check all that apply	)
		□ bank s	seepage	☐ îron staini	ing 🗆	groundwater	indicator spec	cies observed
			-			6. oanawater	maioator spec	
Distinctive geomorph	ic landforms							
j		Sc						
	Are any of the following I	iangrorms	s present?	□ none	П	terraces	□ exposed :	ioil strata
	(check all that apply)			□ oxbow		deltas	□ bottonlar	ds
Brief description of ar	ea.			⊔ erodings si	lopes along riv	erbanks or va	alley walls	
brief description of all	cu.							
			12.1					
Degree of naturalness								
Degree of naturalness	s What is the vegetation co	over arou	nd feature	□ open				
Degree of naturalness				□ open	(CUW, CUP, FO	D, FOC, FOM)	%cover	
Degree of naturalness	What is the vegetation co				(CUW, CUP, FO			772
Degree of naturalness	What is the vegetation co			□ woodland □ wetland	(MAM, MAS, SW		%cover	
Degree of naturalness	What is the vegetation co			□ woodland □ wetland □ meadow	(MAM, MAS, SW (CUM)		%cover	
Degree of naturalness	What is the vegetation co			□ woodland □ wetland	(MAM, MAS, SW		%cover	
Degree of naturalness	What is the vegetation co (refer to ELC and wetland data cards	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)		%cover %cover %cover	
Degree of naturalness	What is the vegetation co	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)		%cover %cover m	
Degree of naturalness	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)		%cover %cover %cover	
Degree of naturalness	What is the vegetation co (refer to ELC and wetland data cards	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)		%cover %cover m	
	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)	VT, SWD, SWM)	%cover %cover m	
Degree of naturalness	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)	VT, SWD, SWM)	%cover %cover m	
	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)	VT, SWD, SWM)	%cover %cover m	
	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	for data entry	)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SW (CUM) (CUT)	VT, SWD, SWM)	%cover %cover m	
Description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi	dth of natarbance?	tural cover on	□ woodland □ wetland □ meadow □ thicket either side of	(MAM, MAS, SW (CUM) (CUT) feature	VT, SWD, SWM)	%cover %cover m	25
Description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturband species Evidence of seasonally im	dth of nat	tural cover on	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT) feature	vT, SWD, SWM) □ yes	%cover %cover %cover m m	
Description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card	dth of nat	tural cover on	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT) feature	yr, swd, swm) □ yes □ no	%cover %cover m m	
Description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card	dth of nat	tural cover on	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT) feature	yr, swd, swm) □ yes □ no	%cover %cover m m	
Description:  Unique communities description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card) Is there evidence of an experience of an exp	dth of naturbance?	tural cover on nabitat (deer win	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT)  feature  no  no  areas, hibernacula)	∪ yes	%cover %cover m m	es
Description:  Unique communities description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card) Is there evidence of an experience of an exp	dth of naturbance?	tural cover on nabitat (deer win	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT)  feature  no  no  areas, hibernacula)	∪ yes	%cover %cover m m	es
Description:  Unique communities description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card) Is there evidence of an experience of an exp	dth of naturbance?	tural cover on nabitat (deer win	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT)  feature  no  no  areas, hibernacula)	∪ yes	%cover %cover m m	es
Description:  Unique communities description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wi  Is there evidence of disturbands species Evidence of seasonally im (refer to significant wildlife data card	dth of naturbance?	tural cover on nabitat (deer win	woodland wetland meadow thicket either side of	(MAM, MAS, SW (CUM) (CUT)  feature  no  no  areas, hibernacula)	∪ yes	%cover %cover m m	es

pic-9-10 of moranty 2099

Fr. id. inity					
Study area:	Bluewater Jericho Goshen		lap No:	0.03	GSH 2698
Date (yyyy-mm-dd): Field Staff:	2012-05-23		me Started:	3:20 pm	<del> </del>
UTM Coordinates	Jess Pietle + Tom Shinner, Easting 456063		me Finished: orthing 47963	3:22pv	Μ
Landform prominent	or and by the contract of the contract of the	the made work	MOT. No val	llay wi	thin it.
Is area well defined?	x no □ yes - it	yes see below			
		width (from top of sle	ope to top of slope)		m
Does area have an av	erage width of 25m or more $\Box$ no $\Box$ yes	depth (from top of slo			m
Surfacewater functio		Union if you flo			
	Is there surface water drainage?   no	□ yes - if yes, flo	-		
	Is there standing water?	□ yes - if yes, wi	dth	_ m	depth m
	Is there exposed soil?	□ yes			
	What is the degree of slope?				
Are there wetland co	mmunities present? $\Box$ no $\Box$ yes - if ye		marsh 🗆 swam		
		(re	fer to ELC and wetland	data cards to	or data entry)
Groundwater/Distinc	tive geomorphic landforms	D			
	Is there evidence of groundwater?	□ no			check all that apply)
	□ bank seepage	☐ iron staining	□ grour	ndwater i	ndicator species observed
				-	
Distinctive geomorph	ic landforms				
	Are any of the following landforms present?	□ none	□ terra	ces	□ exposed soil strata
	(check all that apply)				
		□ oxbow	□ delta:	5	□ bottonlands
		□ erodings slope	es along riverba	nks or val	lley walls
Brief description of ar	ea:	□ erodings slope	es along riverba	nks or val	lley walls
		□ erodings slope	es along riverba	nks or val	lley walls
Brief description of ar	S		es along riverba	nks or val	lley walls
	s What is the vegetation cover around feature	□ open			
	S	□ open	UW, CUP, FOD, FOO	C, FOM)	%cover
	s What is the vegetation cover around feature	□ open □ woodland (cu	UW, CUP, FOD, FOC AM, MAS, SWT, SW	C, FOM)	%cover
	s What is the vegetation cover around feature	□ open □ woodland (cu □ wetland (m. □ meadow (cu	UW, CUP, FOD, FOO	C, FOM)	%cover
	s What is the vegetation cover around feature	□ open □ woodland (cu □ wetland (м. □ meadow (cu	UW, CUP, FOD, FOC AM, MAS, SWT, SW	C, FOM)	%cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)	open woodland (cu wetland (M meadow (cu	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT)	C, FOM)	%cover %cover %cover %cover
	s What is the vegetation cover around feature	open woodland (cu wetland (M meadow (cu	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT)	C, FOM)	%cover %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)	open woodland (cu wetland (M meadow (cu	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT)	C, FOM)	%cover %cover %cover %cover
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)	□ open □ woodland (ct □ wetland (M □ meadow (ct □ thicket (ct	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT)	C, FOM)	%cover %cover %cover m
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (ct □ wetland (M □ meadow (ct □ thicket (ct	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	C, FOM) D, SWM)	%cover %cover %cover m
	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (ct □ wetland (M □ meadow (ct □ thicket (ct	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	C, FOM) D, SWM)	%cover %cover %cover m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of	□ open □ woodland (ct □ wetland (M □ meadow (ct □ thicket (ct	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	C, FOM) D, SWM)	%cover %cover %cover m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the cover of th	□ open □ woodland (ct □ wetland (M □ meadow (ct □ thicket (ct	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	C, FOM) D, SWM)	%cover %cover %cover m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the cover of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	C, FOM) D, SWM)	%cover %cover %cover —m m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the cover of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture	c, FOM) D, SWM) □ yes	%cover %cover %cover m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no	C, FOM) D, SWM) □ yes	%cover %cover %cover —m m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no	c, FOM) D, SWM) □ yes	%cover %cover %cover —m m
Degree of naturalnes  Description:  Unique communities	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no	C, FOM) D, SWM) □ yes	%cover %cover %cover —m m
Degree of naturalnes	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	open woodland (co	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no	C, FOM) D, SWM) □ yes	%cover %cover %cover —m m
Degree of naturalnes  Description:  Unique communities  description:	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the cover of th	open woodland (Cl wetland (M) meadow (Cl thicket (Cl in either side of feat	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no hibernacula)	□ yes	%cover
Degree of naturalnes  Description:  Unique communities  description:	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the cover of th	open woodland (Cl wetland (M) meadow (Cl thicket (Cl in either side of feat	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no hibernacula)	□ yes	%cover
Degree of naturalnes  Description:  Unique communities  description:	What is the vegetation cover around feature (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural cover of the state of th	open woodland (Cl wetland (M) meadow (Cl thicket (Cl in either side of feat	UW, CUP, FOD, FOO AM, MAS, SWT, SW UM) UT) ture no hibernacula)	□ yes	%cover

Study area:	Bluewater Je	_:_L	t)	Map No:	J. LAL.	25(1/25)24	
Date (yyyy-mm-dd):	2012-05-23	richo 8	Soshen	Map No: Time Started:	3:250	2 G5H2734	
Field Staff:		haven		Time Finished:	3 270		
UTM Coordinates	Easting 457404	,		Northing	47964		
Landform prominence	e of marie	- Olivaco fol	d				
Is area well defined?	e × no active agric	□ ye	es - it yes see below				
			width (from top	o of slope to top of slope)		m	
Does area have an av	erage width of 25m or mor	r∈ □ no □ yes	depth (from top	p of slope to valley bottom)		m	
Surfacewater functio	ns Is there surface water dra	ainage? □ no	□ vos if vos	flowing/direction			
	Is there standing water?		□ yes - if yes	, flowing/direction		depth m	
	Is there exposed soil?	□ no	□ yes		-'''	<u></u>	
	What is the degree of slo		_ yes				
	white is the degree of sio						
Are there wetland co	mmunities present?	□ no □ yes	- if yes what type	☐ marsh ☐ swam (refer to ELC and wetland			
Groundwater/Distinct	tive geomorphic landform Is there evidence of grou		□ no				
	is there evidence of grou	□ bank seepage		•		check all that apply)	
		□ pank seepage	□ îron stain	ing □ groun	uwater	indicator species observed	
Distinctive geomorph	ic landforms						
	Are any of the following I	andforms preser	nt? 🗆 none	□ terra	ces	□ exposed soil strata	
	(check all that apply)		□ ovhou	□ dalta		- hattanlanda	
			□ oxbow	□ deltas		□ bottonlands	
☐ erodings slopes along riverbanks or valley walls  Brief description of area:							
IBRIET description of ar	ea:						
Brief description of ar	ea:						
Degree of naturalnes	S		_				
	s What is the vegetation co		•			~	
	S		□ woodland	, , , , , , ,		%cover	
	s What is the vegetation co		□ woodland □ wetland	(MAM, MAS, SWT, SW		%cover	
	s What is the vegetation co		□ woodland □ wetland □ meadow	(MAM, MAS, SWT, SWI		%cover	
	s What is the vegetation co		□ woodland □ wetland	(MAM, MAS, SWT, SW		%cover	
	s What is the vegetation co	for data entry)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)		%cover	
	What is the vegetation co (refer to ELC and wetland data cards	for data entry)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)		%cover %cover	
	What is the vegetation co (refer to ELC and wetland data cards	for data entry) dth of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)		%cover %coverm	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)	for data entry) dth of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)	D, SWM)	%cover %coverm	
	What is the vegetation co (refer to ELC and wetland data cards)	for data entry) dth of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)	D, SWM)	%cover %coverm	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated will  Is there evidence of distu	for data entry) dth of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWI (CUM) (CUT)	D, SWM)	%cover %coverm	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated will  Is there evidence of distu	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT) feature	D, SWM)	%cover %coverm	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wind list there evidence of disturband species  Evidence of seasonally im (refer to significant wildlife data card)	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT) feature	□ yes	%covermm	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wind list there evidence of disturband species  Evidence of seasonally im	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT) feature	□ yes	%cover %cover %coverm m	
Degree of naturalnes	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wind list there evidence of disturband species  Evidence of seasonally im (refer to significant wildlife data card)	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT) feature	□ yes	%covermm	
Degree of naturalness  Description:  Unique communities  description:	What is the vegetation co (refer to ELC and wetland data cards).  What is the estimated windless there evidence of disturbless Evidence of seasonally im (refer to significant wildlife data card).	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT)  feature  no  areas, hibernacula)	gyes	%covermmmyes	
Degree of naturalness  Description:  Unique communities  description:	What is the vegetation co (refer to ELC and wetland data cards)  What is the estimated wind list there evidence of disturband species  Evidence of seasonally im (refer to significant wildlife data card)	dth of natural corbance?	□ woodland □ wetland □ meadow □ thicket  ver on either side of	(MAM, MAS, SWT, SWI (CUM) (CUT)  feature  no  areas, hibernacula)	gyes	%covermmmyes	

Study area: Date (yyyy-mm-dd):	Bluewater Jericho (12012-05-23	Goshen	Map No: Time Started:	JALOZF 3:280W	SH 2374	
Field Staff: UTM Coordinates	less Pietre + Tom Sharry Easting 457404		Time Finished:	3 20 pm		
			1101 tilling 4 # 76	16.		
Landform prominence Is area well defined?	, nelling adjustance	es - it yes see below				
Does area have an av	erage width of 25m or more    no    per	and the second s	of slope to top of slope) of slope to valley bottom)	_	m m	
Surfacewater functio	ns Is there surface water drainage? □ no	□ vos if vos	flowing/direction			
	Is there standing water?	□ yes - if yes,	flowing/direction width	m de	epth m	
	Is there exposed soil?	□ yes				
	What is the degree of slope?	03-7.				
Are there wetland co	mmunities present?	- if yes what type	☐ marsh ☐ swamp (refer to ELC and wetland do	_		
Groundwater/Distinct	tive geomorphic landforms					
	Is there evidence of groundwater?	□ no	_		k all that apply)	
	□ bank seepage	e 🗆 iron stainin	ig □ ground	water indi	cator species observed	
Distinctive geomorph	iic landforms					
	Are any of the following landforms preser	nt? □ none	□ terrac	es 🗆	exposed soil strata	
	(check all that apply)	□ oxbow	□ deltas		bottonlands	
Brief description of area:						
brief description of di	ea.					
Degree of naturalness	S			<u> </u>		
	s What is the vegetation cover around feat		(CUW CUR FOR FOR	EOM) %	COVER	
	S		(CUW, CUP, FOD, FOC,		cover	
	s What is the vegetation cover around feat	□ woodland	(CUW, CUP, FOD, FOC, (MAM, MAS, SWT, SWD, (CUM)	SWM) %	covercover	
	s What is the vegetation cover around feat	□ woodland □ wetland	(MAM, MAS, SWT, SWD,	SWM) %6	cover	
	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover	
	s What is the vegetation cover around feat	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover cover	
	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover	
Degree of naturalness	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover cover	
	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover cover	
Degree of naturalness	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural co	□ woodland □ wetland □ meadow □ thicket	(MAM, MAS, SWT, SWD, (CUM) (CUT)	SWM) %6	cover cover m	
Degree of naturalness	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural co	□ woodland □ wetland □ meadow □ thicket  ever on either side of f	(MAM, MAS, SWT, SWD, (CUM) (CUT)  eature	SWM) %6	cover cover	
Degree of naturalness	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural collist there evidence of disturbance?  and species  Evidence of seasonally important habitat	□ woodland □ wetland □ meadow □ thicket  ever on either side of f	(MAM, MAS, SWT, SWD, (CUM) (CUT) eature  □ no  eas, hibernacula)	SWM) %6 %6 —————————————————————————————————	cover cover m m	
Degree of naturalness	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural could be supported by the state of the support of th	□ woodland □ wetland □ meadow □ thicket  ever on either side of f	(MAM, MAS, SWT, SWD, (CUM) (CUT) eature  □ no  eas, hibernacula)	swm) % % % % % % % % % % % % % % % % % % %	cover m m yes	
Degree of naturalness  Description:  Unique communities  description:	What is the vegetation cover around feat (refer to ELC and wetland data cards for data entry)  What is the estimated width of natural could be supported by the state of the support of th	woodland wetland meadow thicket ever on either side of f	(MAM, MAS, SWT, SWD, (CUM) (CUT)  eature  no  eas, hibernacula)	swm) %/ %/ %/ %/ %/ %/ %/ %/ %/ %/ %/ %/ %/	cover cover m m yes  yes	

#### **AECOM**

#### **Valleylands Data Collection Sheet**

Study area: Date (yyyy-mm-dd):	Bluewater Jericho	Goshen		No: e Started:	VAIZ	
Field Staff: UTM Coordinates	Jess Pretts + Try Shoren Easting 456336		Time	e Finished:	<u>3:32</u> 3:40 3359	
Landform prominence Is area well defined?	e no	>⊄ yes - if	yes see below			
		/ \ '	width (from top of slope	to top of slope)	<	<10 m
Does area have an ave	erage width of 25m or more 🕱 no	□ yes	depth (from top of slope			2 <u>- 3</u> m
Surfacewater function	ns Is there surface water drainage?	□ no		ng/direction	nK	
54	Is there standing water?	□ no	yes - if yes, width	h <u>3</u>	m	depth 25-30 cm
	Is there exposed soil?	□ no	De yes along ban	ykr		
	What is the degree of slope?	600	_			
Are there wetland con	nmunities present?   no	□ yes - if ye		arsh 🗆 swam to ELC and wetland o		
Groundwater/Distinct	tive geomorphic landforms Is there evidence of groundwater	?	□ no	yes - (ii	f yes please	check all that apply)
	□ bank	seepage	☐ iron staining	ground	dwater i	ndicator species observed
Distinctive geomorphi	ic landforms					
	Are any of the following landform	s present?	□ none	□ terrac	ces	□ exposed soil strata
1	(check all that apply)		□ oxb <b>o</b> w	□ deltas		□ bottonlands
Brief description of are	ea:		Hove are my			
ŀ	What is the vegetation cover arou		□ open □ woodland (cuw	, CUP, FOD, FOC		%cover
					î, SWM)	%cover 5
	What is the estimated width of na	atural cover o	wetland (CUM)  Thicket (CUT)		î, SWM)	%cover 5
	What is the estimated width of na ls there evidence of disturbance?	,	wetland MAM Temeadow COM Thicket (CUT)  n either side of feature	re	уes	%cover 5
		,	wetland MAM Temeadow COM Thicket (CUT)  n either side of feature	re		%cover 5 %cover m
Description: Unique communities a	Is there evidence of disturbance?	MIYIUV (	wetland MAM  (CUM)  thicket (CUT)  n either side of feature  thicket one	re		%cover 5 %cover m
Description: Unique communities a	Is there evidence of disturbance?  Is there evidence of disturbance?  Is there evidence of disturbance?	habitat (deer wi	wetland MAM  Immeadow COM  In thicket (CUT)  In either side of feature  Included in the control of the control of the cut	re	yes	%cover 5 %cover m m
Description: Unique communities a	Is there evidence of disturbance?  and species Evidence of seasonally important (refer to significant wildlife data card for data entr	habitat (deer wi	wetland MAM  Immeadow COM  In thicket (CUT)  In either side of feature  Included in the control of the control of the cut	re	yes no	%cover 5 %cover m m
Description: Unique communities a	Is there evidence of disturbance?  and species Evidence of seasonally important (refer to significant wildlife data card for data entr	habitat (deer wi	wetland MAM  Immeadow COM  In thicket (CUT)  In either side of feature  Included in the control of the control of the cut	ernacula	yes no	%cover 5 %cover m m

\* new through hay swamp - hundary mould include their area