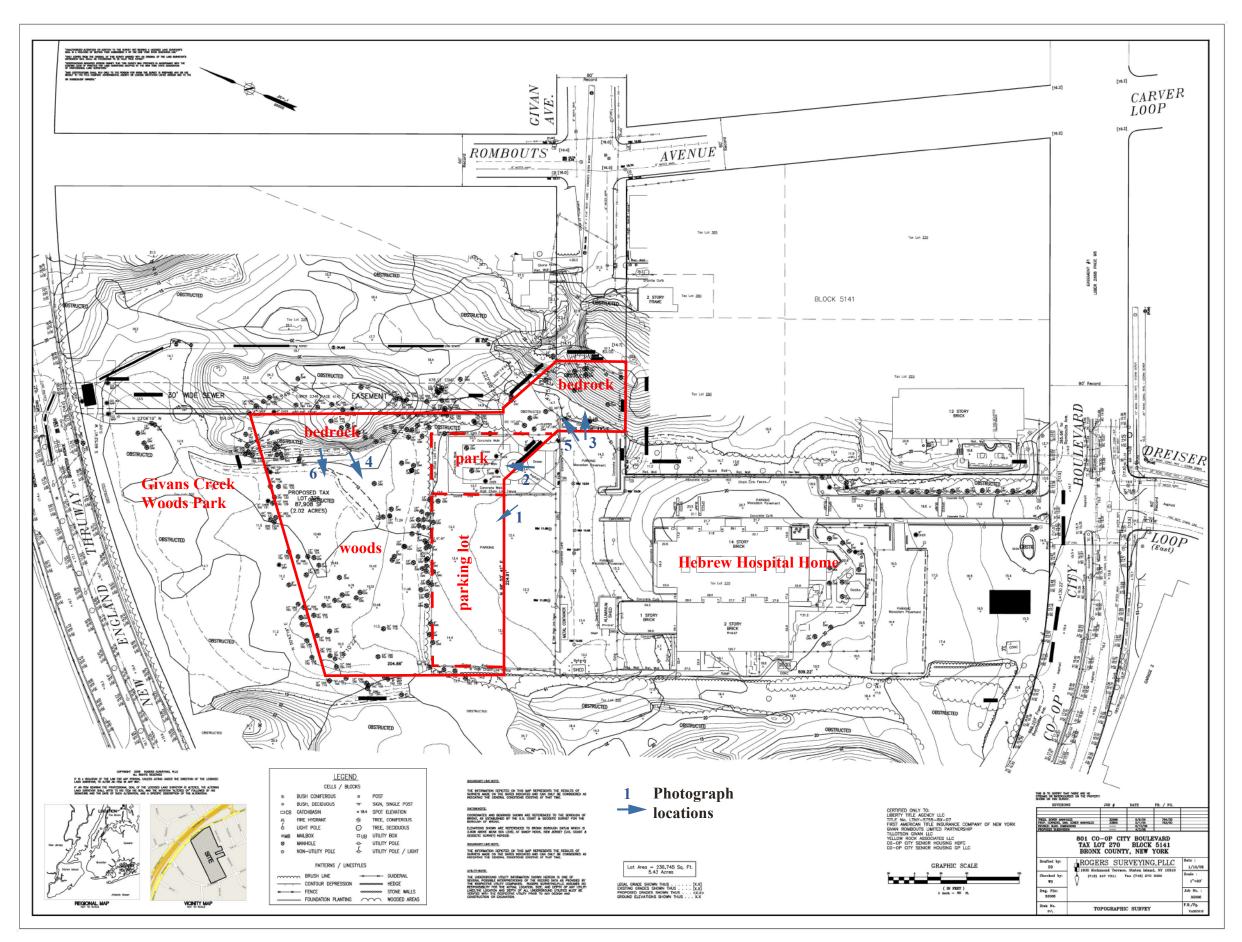


Phase IA Archaeological Assessment 801 Co-op City Boulevard, Block 5140, Part of Lot 270 Bronx, Bronx County, New York



Figure 1: Project site on *Mount Vernon, New York* and *Flushing, New York* 7.5 Minute Quadrangles (U.S.G.S. 1979a and 1979b). [Note that despite its 1979 publication date, this map depicts conditions on the project site prior to 1974].

<u>0 1000 2000 3000 4000 50</u>00 FEET

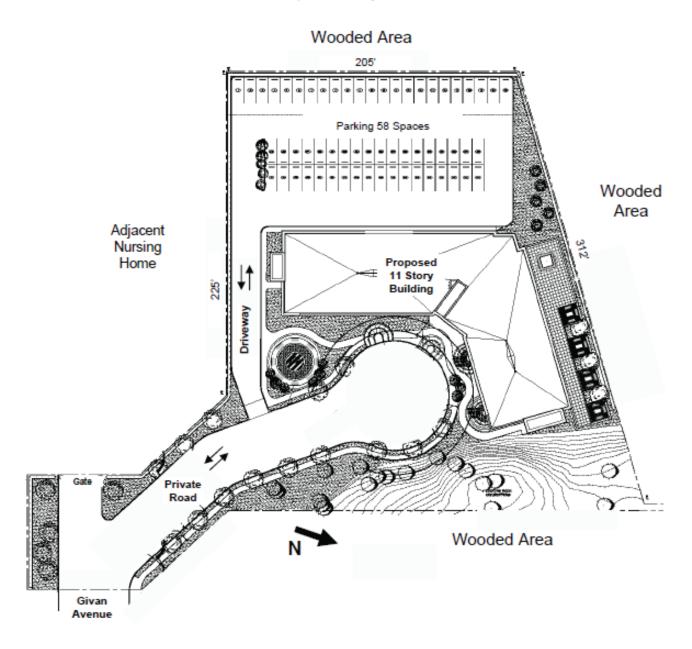


Phase IA Archaeological Assessment 801 Co-op City Boulevard, Block 5140, Part of Lot 270 Bronx, Bronx County, New York

Figure 2: Project site and photograph locations on modern survey map (Rogers Surveying and HPI 2009).



Proposed Project Site Plan



Phase IA Archaeological Assessment 801 Co-op City Boulevard, Block 5140, Part of Lot 270 Bronx, Bronx County, New York



Figure 3: Proposed project development (Crowell Planning Associates 2009).

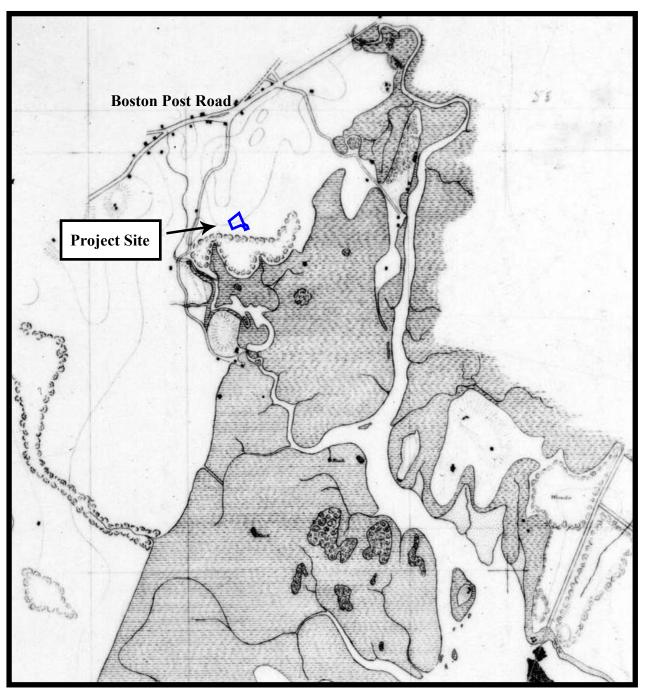
0 40 80 120 160 200 FEET





Figure 4: Project site on soil map (U.S.D.A. 2005).

0 2000 4000 6000 8000 10,000 FEET



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Figure 5: Project site on *Map of a Part of the Coast of Long Island, N.Y. from Rodman to Throgs Neck* (U.S.C.S. 1837).



0 1000 2000 3000 4000 5000 FEET

EAST B.S. Halsey T. Budlowrey R.H.Cobumi J.W. Anderson J.Cornell J. Morry Poles strong G.F. Hst Glodim H.T.ardort **Project Site** Tomine Notel "Rune. I.H. veli ing J.Ode Doch W. Forg G. E. Hst W. H.H. Ben teers W Smith & Coul Y J.h RS.Helsey GREEN RIDGE Bach · Bst of Re's. S.Fuile H. Rutherford 115 11. 1.5518 6 Mill .



Figure 6: Project site on Atlas of New York and Vicinity (Beers 1868).

0 1000 2000 3000 4000 5000 FEET

Fergus N 6 au 0 40 4.4 A 4 Georg. æ BOSTO C. D. 1000 ley 80 Cornell 103.8 W ead G 8H0 m 8.4 a Mrs.Sodell 6.3a. St.Pants Ch **Project Site** n 6.3a N. Johnson Est. of B. 10, Sec. ston Mrs.Ne 46.5 Mars al 7.6a Cornelle of 4 Est Est Galney Est. of 12.6a E.Dewitt Toumine) · UT 6.9a 1064 E.F. Codling J.Desbrow J.Hunt 7.5a SA Mrs.3.1 Capp C.F.C Fra, Allerton COALYO 15.1a. Bat L.Jones 5 GREEK



Figure 7: Project site on *Atlas of the Westchester County, New York* (Bromley 1881).

0 1000 2000 3000 4000 5000 FEET

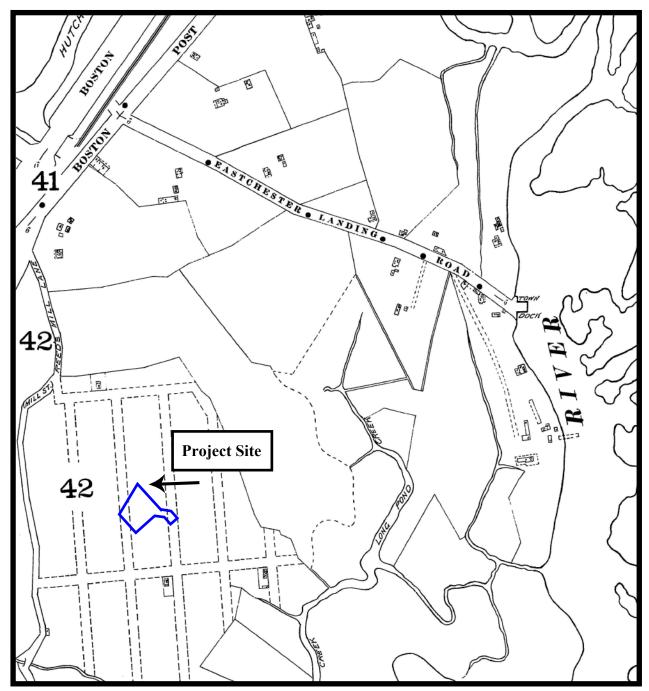




Figure 8: Project site on *Insurance Maps of the City of New York:* Borough of the Bronx (Sanborn 1897).

0 500 1000 1500 2000 2500 FEET

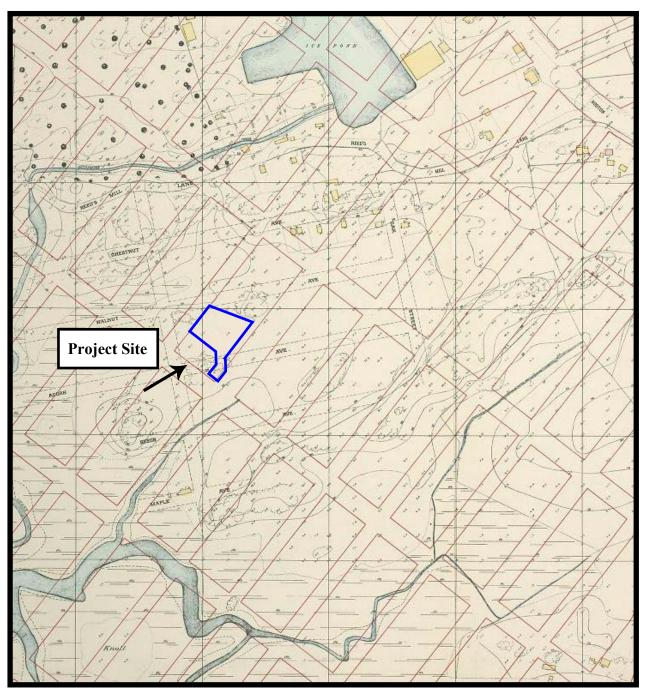
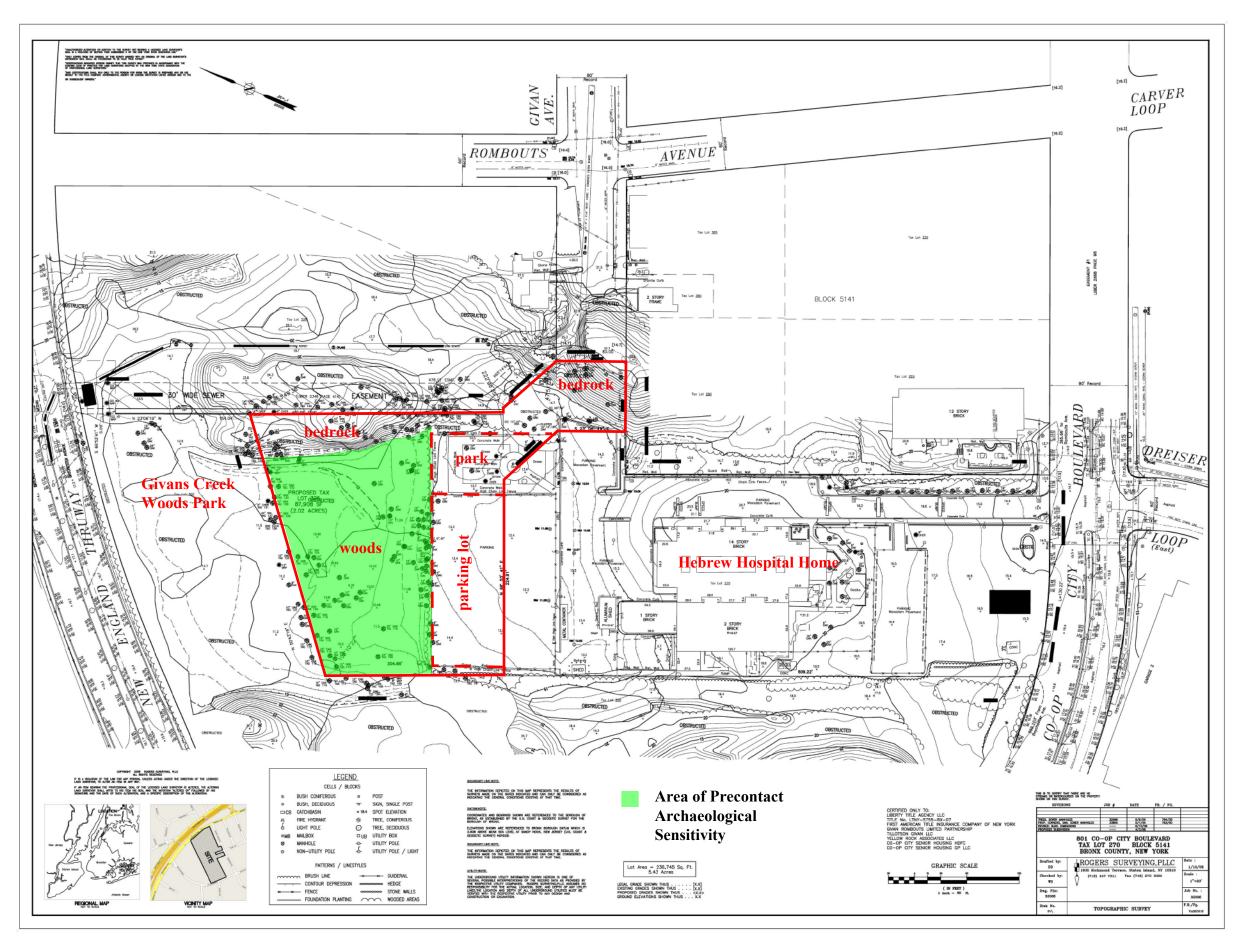




Figure 9: Project site on *Topographical Survey of the Borough of the Bronx, Easterly of the Bronx River* (Topographical Bureau 1905).

0 500 1000 1500 2000 2500 FEET



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Figure 10: Project site showing archaeological sensitivity on modern survey map (Rogers Surveying and HPI 2009).





Photograph 1: Project site showing existing parking lot on southwestern side of property. Note cracked asphalt and water pooling on left. View looking west.



Photograph 2: Project site showing landscaped park area east of parking lot. Wooden surveyor's stake in left foreground marks southern project boundary. View looking northwest.



Photograph 3: Project site showing large bedrock ridge at southeastern edge of property. View looking northeast.



Photograph 4: Project site showing swale or intermittent creek bed filled with standing water. View looking southwest.

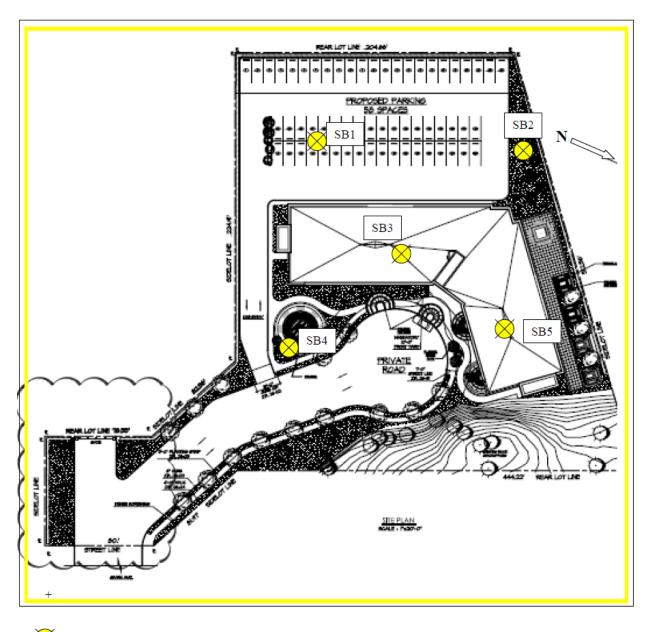


Photograph 5: Project site showing utility disturbance (note vertical pipe in approximate center of image) at southeast end of project site. View looking northeast.

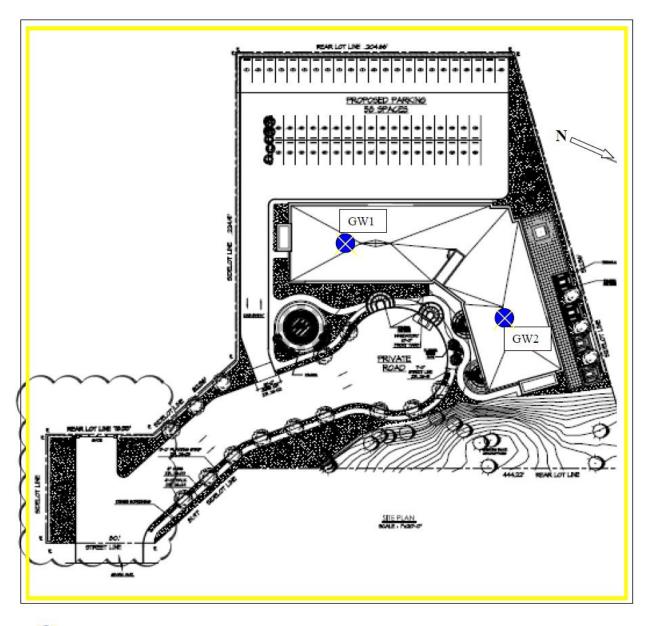


Photograph 6: Project site showing typical vegetation in wooded area. Orange surveyor's stake in left foreground marks swale or creek bed. View looking southeast from top of bedrock ridge at northeast side of property.

#### APPENDIX A: SOIL BORINGS



Soil Boring Location





Groundwater Sampling Location



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#### SB1 Boring Log SW corner of property, in parking lot. Depth to Water Site Elevation Datum Location: (ft. from grade.) Address: Site Name: ARK0704 Date DTW Ground Elevation 801 Co-op City Blvd, Bronx, NY Groundwater Drilling Company: Method: depth LVS, Inc. Geoprobe Not Well Specifications Date Started: Encountered Date Completed: 9/5/2009 9/5/2009 None Completion Depth: Geologist 7.5 feet Charles Sosik B1 DEPTH SAMPLES (ft below SOIL DESCRIPTION Reco-Blow grade) PID (NTS) per very 6 in. (in.) (ppm) 0 Fill material, bricks and rubble in dk brwn silty to 24 0.0 soil matrix. No odor. Sample retained at 0-2 ft 4 Fill material in dk brwn silty soil matrix. Friable to 24 0.0 bedrock, mica shist in bottom 6". Rejection at 7.5 ft. No odor. Sample retained at 6-8'. 8 to 12 to 16 to 20 to 24



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			SB2	Borin	g Log					
Location: NW corner of property, in woods.						Depth to Water		Site Elevation Datum		
			(ft. from grade.)							
Site Name: ARK0704 Address			6		Date	DTW	Ground Elevation			
801 Co-			op City Blvd	NY	Groundwater					
Drilling Company:	Method:		depth							
LVS, Inc. Date Started:			Geoprobe			lot	Well Specifications			
			Date Comp		Encou	intered				
9/5/2009			9/5/2009				None			
Completion Depth:			Geologist							
4 feet			Charles So:							
B1	DEPTH		SAMPLES							
	(ft below	Reco-	Blow			SOIL DESCRIPTION				
(NTS)	grade)	very	per	PID						
		(in.)	6 in.	(ppm)						
	0 -	1								
							brwn silty clay.			
	to	30		0.0		omposed mica shist bottom 3". Rejection at ample retained at 0-2 ft				
		30		0.0	4'. Sam					
	_ 4 _									
	to to	-								
		1								
	8	1								
	to	4								
	12	-								
	to	4								
	16	-								
	to	-								
	_ 10 _	-								
	20	1								
	to	4								
	24	-								
		_								
		-								
		1								
		1								
	<u> </u>	1								



ENVIRONMENTAL BUSINESS CONSULTANTS

			SB3	Borin	a Loa				
Location: NE cor	mer of prop	oerty, in v	SB3 Boring Log			Depth to Wat (ft. from grade			
Site Name: ARK07	):			Date DTV					
Drilling Company: LVS, Inc.	op City Blvd, Bronx, NY Method: Geoprobe			Groundwate depth approx 8'	Well Specifications				
Date Started: 9/5/2009 Completion Depth: 12 feet	Date Completed: 9/5/2009 Geologist Charles Sosik			Encountere	d None				
B1 (NTS)	DEPTH (ft below grade)	Reco- very (in.)	SAMPLES Blow per 6 in.	PID (ppm)		SOIL DESC	RIPTION		
	0 to 4	- 24		0.0	6' topsoil and plant matter followed by brwn silty soil and mica shist fragments. No odor. Sample retained at 0-2'				
	to	24		0.0	Dk brwn clayey silt w/mica shist fragments followed by dk brwn silty clay. Wet at bottom. I odor Dark brwn clayey silt w/tree roots. Wet. No od Sample retained at 10-12'. Set temporary well GW sample.				
	to	18		0.0					
	to	-							
	to	-							
	to								
		-							



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#### SB4 Boring Log

				Borin						
Location: SE con	ner of prop	erty, in g	garden/employee sitting area.			Depth to Water		Site Elevation Datum		
				(ft. from grade.)						
Site Name: ARK0704 Address			S:			Date	DTW	Ground Elevation		
	op City Blvd, Bronx, NY			Groundwater						
Drilling Company:			Method:			depth				
LVS, Inc.			Geoprobe			appr	rox 9'	Well Specifications		
Date Started:			Date Completed:							
9/5/2009			9/5/2009					None		
Completion Depth:			Geologist							
12 feet			Charles So:							
B1	DEPTH		SAMPLES							
	(ft below	Reco-	Blow			SOIL I	DESCRIF	PTION		
(NTS)	grade)	very	per	PID						
		(in.)	6 in.	(ppm)						
	- <u>o</u> -	1								
					4" topsoil filwd by fill material, bricks & rubble in					
	to	24		0.0				Bottom 3" of sample		
	L _	24		0.0		ns native soil: brwn silty soil w/ mica shist				
	_ 4 _	4			rx fragments. No odor. Sample retained at 0-2'					
		-			Friable mica shist top 1' followed by 9" brwn					
	_ to _	24		0.0						
	8 -	-				ayey silt high in organic material. Bottom 3" intains bog material, damp. No odor k brwn silty bog material followed by 3" coarse				
	F				Dk brw	n silty bo	al followed by 3" coarse			
	to	24		0.0	sand ar	and gravel then 1' boggy, silty clay. Sam				
		24		0.0	saturat	ated above clay. No odor. Sample reta -12'				
	12				at 10-1					
	L _	4								
	to	4								
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	to	4								
	24 -	4								
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ENVIRONMENTAL BUSINESS CONSULTANTS

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None	
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dor	
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0	