APPENDIX C

STRATIGRAPHIC LOGS AND WELL CONSTRUCTION DIAGRAMS

2003 NYSDEC SITE INVESTIGATION

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-1/MW-1

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 20-May-2003
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S-1 (0.5-4)	ND	31"		Gravel, crushed limestone parking lot. (FILL) 0.5 Somewhat stiff, moist, dark reddish-brown $ILT, some fine Sand and Gravel. Sub-angular to rounded gravels. (LOAM) 1.5'	
2		ND			Stiff, wet, red, $ILT with fine Sand. (TILL)	
3		ND				Apparent water table at approximately 2.5' below grade
4	S-2 (4 - 7)	ND			Stiff, wet, red $ILT, little fine Sand and Gravel. Well imbedded rounded gravels. (TILL) 5.5'	
5		ND				
6		ND	37"		Very stiff, dry, red $ILT with shale chips; bedding in shale intact (Sapprolite -Shale) 7.0'	
7		ND				Cut shale in shoe
8					REFUSED Bedrock at 7.0 feet	
9						
10						
11						
12						

NOTES:
Boring collapsed; drilled well adjacent to SB-1 location to 7 ft bg. Constructed well by inserting two feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pellets placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-2/MW-2

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 20-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S-1 (0 - 4)	ND	32"		Topsoil and roots 0.5	
		ND			Soft, moist, gray-brown, Clayey-$ILT, little fine Sand; low plasticity, dull, occ pebbles 1.2	
2		ND			Stiff, moist wet, red-brown, $ILT with fine Sand and Gravel. Well rounded imbedded fine Gravels, occasional pockets of medium sand (weathered out pebbles)	
		ND			(TILL)	
3						
4						Apparent water table at approximately 3.5' below grade
	S-2 (4 - 6.2)	ND			do: more red, occasional pockets of blue-gray Silt 5.2	
5		ND	27"			
		ND			Very stiff, dry, red $ILT with shale chips; bedding in shale intact (Sapprolite -Shale) 6.2	
6						
7					REFUSED BEDROCK at 6.2 feet	
8						
9						
10						
11						
12						

NOTES:
Constructed well by inserting two feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pellets placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No. SB-3/MW-3

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 20-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	34"		Topsoil and roots 0.66'	
2		ND			Loose, moist to wet, orange and red-brown, medium to fine SAND, little $ilt; occasional pebbles. (LOAM) 2.0'	▽ Apparent water table at approximately 1.5" below grade
3		ND			Somewhat stiff, wet, red-brown, $ILT with fine Sand and Gravel. Well rounded imbedded fine Gravels, occasional pockets of medium sand (weathered out pebbles) (TILL)	strong odor (H2S?)
4						
5	S - 2 (4 - 8)	ND	48"		Stiff, wet, red $ILT, little medium fine Sand and Gravel. well imbedded rounded gravels, increasing stiffness and gravel content with depth. (TILL)	very strong odor in freshly broken soil, dissipates rapidly
6		ND				
7		ND				
8						
9	S -3 (8 - 9.8)	ND	20"		do: occasional pockets of blue-gray Clayey-$ilt and red shale chips. (TILL) 9.8	
10		ND			REFUSED TILL at 9.8 feet	
11						
12						

NOTES:
Constructed well by inserting 4-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pelletes placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-4/MW-4

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May 03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	17"		Topsoil and roots 0.16' Very loose, wet, whitish-gray and red-brown coarse to medium SAND. Banded appearance with alternate layers of blue-green, gray, orange-brown, and white-gray sand. (WASTE)	
2		ND				
3						
4					do: 4.5'	
5	S - 2 (4 - 8)	ND	48"		Soft, wet, blackish and blue-green $ILT, with medium to fine Sand. Pockets of medium and fine Sand. (WASTE) 5.5'	Whitish crystals observed in fine sand pockets
6		ND			Stiff, moist to wet, red-brown $ILT, with fine Sand and Gravel. Well imbedded, well rounded to sub-angular gravels. (TILL)	
7		ND				
8					do: moist to dry at base	blackish staining around pebbles and in fine sand pockets
9	S - 3 (8 -10.5)	ND	22"			
10						
11					REFUSED Bedrock @ 10.5	
12						

NOTES:
Constructed well by inserting 10.0-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 0.5-foot above top of screen. Bentonite pellets placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-5/MW-5

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	32"		Soft, wet, dark-brown $ILT; abundant plant stems, roots, and organic debris. 0.5'	
2		ND			Loose, wet, red-brown coarse to fine SAND, with fine Gravel and $ilt. (LOAM) 1.25	
3		ND			Stiff, wet, red-brown $ILT, with medium-fine Sand and Gravel. Well imbedded well rounded to sub-angular Gravels. (TILL)	Blackish discoloration and Strong odor at base of core
4					do: somewhat stiffer, moist to dry	odor
5	S - 2 (4 - 8)	ND	14"			cut stone in shoe
6						
7						
8					do: very stiff, dry	blackish stained soil; maybe smear from above. Strong odor when core is cracked.
9	S - 3 (8 -12)	ND	22"			
10		ND				
11						
12					do: wet	
13	S - 4 (12-13.2)	ND	14"		REFUSED @ 13.2	

Constructed well by inserting 10.0-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 0.5-foot above top of screen. Bentonite pellets placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-6/MW-6

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	26"		Soft, wet, highly organic $ILT with fine Sand 0.66'	
2		ND			Somewhat stiff, moist, dark reddish-brown $ILT, some fine Sand and Gravel. Sub-angular to rounded gravels. (LOAM)	
3		ND				
4						
5	S - 2 (4 - 7.5)	ND	32"		Stiff, moist, red-brown and red-gray $ILT, some medium-fine Sand and Gravel. Well imbedded well rounded gravels. (TILL)	
6		ND			very stiff at 6'	
7					7.5'	cut red shale in shoe
8					REFUSED Bedrock @ 7.5	
9						
10						
11						
12						

NOTES:

Constructed well by inserting 3.5-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pelletes placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No. SB-7

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 20-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	37"		Very soft, wet, dark-brown, $ILT; highly organic, abundant plant roots and decayed organics. 0.75'	Perched water
2		ND			Loose, wet orange-brown medium-fine SAND with $ilt 1.2'	Faint odor (swamp gas?)
3		ND			Loose, wet, brown, medium-fine SAND, little $ilt and fine Gravel 2.33'	
4					Stiff, moist, red-brown and red-gray $ILT, some medium-fine Sand and Gravel. Well imbedded well rounded gravels. (TILL)	Strong Sulferous odor
5	S - 2 (4 - 8)	ND	48"		do: DRY, occasional pockets of fine sand. 5.5	
6		ND			Very stiff, dry, red and blue-gray $ILT, with fine Sand and Gravel. Pockets of blue-gray $ILT, orange-brown fine sand. (TILL)	
7		ND				
8					do:	
9	S -3 (8 - 9.2)	ND	14"		9.2'	
10					REFUSED TILL at 9.2 feet	
11						
12						

NOTES:
After consultation with NYSDEC, MW-7 was cancelled due to very high TILL interface at this location.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-8

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)		26"		Topsoil and roots Loose, wet, blackish-brown coarse to fine SAND. (FILL) 1.16'	
2					Very loose, wet, whitish-gray and red-brown coarse to medium SAND. Banded appearance with alternate layers of blue-green, gray, orange-brown, and white-gray sand. (WASTE)	White crystals and pockets of elemental sulfer
3						
4					Very soft, wet, highly organic blackish SILT. (WASTE) 4.8'	
5	S - 2 (4 - 8)		22"		Stiff, wet, red-brown $ILT with fine Sand and Gravel. Abundant well imbedded sub-angular to well rounded Gravel. (TILL)	
6						
7						
8						
9	S - 3 (8 -10.4)		26"			
10					10.0' Weathered Shale (Sapprolite) 10.4'	
11					REFUSED BEDROCK at 10.4"	
12						

NOTES:

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-9

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)		26"		Topsoil and roots (FILL) 0.1' Very loose, wet, whitish-gray and red-brown coarse to medium SAND. Banded appearance with alternate layers of blue-green, gray, orange-brown, and white-gray sand. (WASTE)	
2						
3						
4						
5	S - 2 (4 - 8)		32"		5.2' Very soft, wet, highly organic blackish SILT. (WASTE) 6.2'	blue-green tint
6						
7					Stiff, wet, red-brown $ILT with fine Sand and Gravel. Abundant well imbedded sub-angular to well rounded Gravel. (TILL)	
8						
9	S - 3 (8 -10.3)		22"		do;	
10					10.1'	
11					REFUSED Till at 10.1'	
12						

NOTES:

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-10

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	32"		Topsoil and roots 0.33 Loose, wet, blackish-brown coarse to fine SAND. (FILL) 1.2'	
2		ND			Very loose, wet, whitish-gray and red-brown coarse to medium SAND. Banded appearance with alternate layers of blue-green, gray, orange-brown, and white-gray sand. (WASTE)	
3						yellowish and white crystals
4					4.66'	
5	S - 2 (4 - 8)	ND	48"		Medium dense, moist, red-brown $ILT with fine Sand. Occasional pockets of blue-gray $ilt and orangeish medium Sand. 5.5'	
6		ND			Stiff, wet, red-brown $ILT with fine Sand and Gravel. Abundant well imbedded sub-angular to well rounded Gravel. (TILL)	bands of black staining
7		ND				
8						
9	S - 3 (8 -10.3)	ND	22"		do: very stiff, more coarse and medium Sand, somewhat coarser gravels. occasional chips of red and blue-gray shales.	
10					10.3'	
11					REFUSED Till at 10.3'	
12						

NOTES:

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-11/MW-11

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	32"		Soft, wet, dark-brown $ILT; abundant plant stems, roots, and organic debris 0.66'	
2		ND			Somewhat stiff, moist, dark reddish-brown $ILT, some fine Sand and Gravel. Sub-angular to rounded gravels. (LOAM) 1.5'	
3		ND			Stiff, moist, red-brown and red-gray $ILT, some medium-fine Sand and Gravel. Well imbedded well rounded gravels. (TILL)	
4					do:	
5	S - 2 (4 - 8)	ND	42"			
6		ND			6.0' Medium dense, wet, gray-brown, medium-fine SAND with fine Gravel 6.5'	
7		ND			Very stiff, moist, red-brown $ILT	
8		ND				
9					END BORING @ 8.0'	
10						
11						
12						

NOTES:
Constructed well by inserting 3.0-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pellets placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-12/MW-12

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date: 21-May-03
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)	ND	38"		Soft, wet, dark-brown $ILT; abundant plant stems, roots, and organic debris	
		ND			1.25'	
2					Stiff, dry, red-brown $ILT with fine Sand and Gravel	
		ND				
3						
4						
5	S - 2 (4 - 8)	ND	32"		do: pockets of coarse-medium sand, seams of fine sands, pockets of blue-gray $ilt and clayey $silt. free moisture observed in sand pockets and seams.	
		ND				
6		ND				
7						
8					8.0'	
9					End Boring @ 8.0	
10						
11						
12						

NOTES:

Constructed well by inserting 4-feet of 1" schedule 40 PVC 10 slot screen wrapped with filter sock and fitted with sufficient riser to extend to grade. Sand filter pack of grade "0" industrial quartz gravity fed to 1-foot above top of screen. Bentonite pelletes placed above seal to grade. Well completed with protective cover set in concrete.

EARTH TECH
A Tyco Infrastructure Services Company

Test Boring Log

Boring No.
SB-13

PROJECT: IIWA - Former Barker Chemical Site #932119	Project No.: 66514
CLIENT: New York State Department of Environmental Conservation	WA: D003821-32
PURPOSE: Supplemental Soil and Groundwater Investigation	Datum: Grade
SUBCONTRACTOR: GeoLogic, NY	Date:
METHOD: Direct Push / RIG: Geoprobe 5400 / OPERATOR: Joe	Inspector: Kevin McGrath, Hydrogeologist
SAMPLE INTERVAL: Continuous / SAMPLE DEVICE: MacroCore®	

Depth (Feet)	Sample Number	PID	REC	WELL	Geologic Description	Observations
1	S - 1 (0 - 4)		22"		Topsoil and roots Loose, wet, blackish-brown coarse to fine SAND. (FILL) 1.16'	
2					Very loose, wet, whitish-gray and red-brown coarse to medium SAND. Banded appearance with alternate layers of blue-green, gray, orange-brown, and white-gray sand. (WASTE)	
3						
4						
5					5.33'	
6	S - 2 (4 - 8)		28"		Stiff, wet, red-brown $ILT with fine Sand and Gravel. Abundant well imbedded sub-angular to well rounded Gravel. (TILL)	blackish and blue-green staining
7						
8						
9	S - 3 (8 -10.3)		22"		do:	
10					10.3'	
11					REFUSED Till at 10.3'	
12						

NOTES:

2012 LABELLA PHASE II
ENVIRONMENTAL ASSESSMENT

#212436

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Barber Chemical
West Somerset Rd.,
Barker, NY.

BORING: #1 / TPMW1
SHEET 1 OF
JOB: Barber Chemical
CHKD BY: CK

CONTRACTOR:
DRILLER: Nature's Way
LABELLA REPRESENTATIVE: CK
BORING LOCATION: BH1
GROUND SURFACE ELEVATION:
START DATE: 6-14-12
END DATE: 6-14-12
TIME: 9am TO
DATUM:

TYPE OF DRILL RIG: Geoprobe
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1 4ft	48"	none	0-4ft. - Brown silt (lp, M)	0	
2					0	
4	#2 4ft	48"	none	4-8ft - SAA	0	
6					0	
8	#3 3ft	48"	~10	8-10ft SAA	0	
10				10-11ft - Brown sandy silt (lp, mtoW)	0.1	
11				Equipment refusal @ 11 ft. bgs		
14						
16						
18				* No odors/staining observed		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME	~11ft.	11 -FT.	10ft bgs	- trace GW

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #1

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 2
SHEET 1 OF
JOB: Barthes Chem
CHKD BY: CL

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION: BH2
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 10am TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1	48"	none	0-4 ft - Brown silt (lp,m)	0	
2	4'				0.3	
4						
6	#2	48"	none	SAA-4-8ft	0	
8	4'				0.1	
10	#3	48"	none	8-10 ft SAA	0	
	2'				[illegible]	
14				Equipment refusal @ 10ft. bgs		
16						
18				* no odors/staining		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
DATE	TIME	ELAPSED TIME		-Ft.	

NOTES: - No GW observed

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #2

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 3
SHEET 1 OF
JOB: Bowker Chem
CHKD BY: CK

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION: BH3
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 1120am TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1 4'	48"		0-2ft Brown silt (lp,m)	0.1	
2				2-2.5 ft Light brown sand (f,l,d)		
4				2.5-4 ft. Brown silt (lp,m)	0.1	
6	#2 4'	48"		4-5ft - SAA 5-6 ft - Brown gravelly silt (lp,m)	0	
8				6-8 ft - Brown silt (lp,m)	0	
10 (10.75')	#3 3.75'	48'		8-10.75' Brown gravelly silt (lp,m tow)		
12						
14				Equipment refusal @ 10.75' * No odors/staining observed		
16						
18				*Refusal @ 2ft. on ititial try, moved ~2 ft east to attempt BH3 for 2nd attempt		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME	~10.75'	10.75-Ft.	~10.75'	- trace GW

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations
and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c = coarse
m = medium
f = fine
vf = very fine
BGS = Below the Ground Surface
NA = Not Applicable

BORING: #3

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 4/TPMW3
SHEET 1 OF
JOB: Barber Chem
CHKD BY: CL

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION: BH4
GROUND SURFACE ELEVATION:
START DATE: 6-3-2
END DATE: 4/14/2010
TIME: 8:15 am
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1 4'	40"		0-3 ft Brown silt (lp,d)	0	
2						
4				3-4 ft Grayish-black silt (lp,m)	0.1	sulfer odor
6	#2 4'	48"		4-8 ft Gray sandy silt (mp,m)	0.2	sulfer odor
8					0.2	
10	#3 1.1'	13"		8-8.75 Gray sandy silt (lp,w)	0	no odors
				8.75-9.1 ft Grayish-red silt (lp,m)	0	
12						
14				*Equipment refusal @ 9.1 ft bgs		
16						
18						

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME		9.1 -Ft.	~8 ft	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #4

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: #5
SHEET 1 OF
JOB:
CHKD BY:

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION: #5
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 1:40pm TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1 4'	36"		0-2ft Brown-gray gravel (gr,f,sa,l,d)	0.6	
2				2-4ft Gray silt (hp,m)	0.6	sulfer odor
4						
6	#2 4'	18"		4-5 ft SAA	7.4	
8				5-8ft Brown silt (lp,m)	0.4	
10				-equipment refusal @ 8ft bgs	[redacted]	
12					[redacted]	
14						
16						
18				-truck brake down at start of this boring at 9am, had to go get different rig, commenced drilling at 1:30pm		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME		8 -Ft.		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #5

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 6
SHEET 1 OF
JOB:
CHKD BY:

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION: #6
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 1:30pm TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1	48"		0-1ft Gray gravel (f,m,f,sa,l,cl)	0	
2	4'			1-4ft Red-brown sand (m,f,l,m)	0	
4						
6	#2			4-7 ft Gray sandy silt (mp,m)	0	
8	4'	48"		7-8 Gray brown silt (mp,m)	0	
10	#3 1'	30"		Gray-brown sandy silt mp (m to L)	0	
12						
14				-Equipment refusal @ 9 ft. bgs		
16						
18				-slight sulfer odor		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME				
				9 -Ft.		GW possibly at 8 or 9 feet

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #6

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 7
SHEET 1 OF
JOB:
CHKD BY:

CONTRACTOR: BORING LOCATION: TIME: 2:10pm TO
DRILLER: GROUND SURFACE ELEVATION: DATUM:
LABELLA REPRESENTATIVE: START DATE: END DATE: 4/14/2010

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE:
AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch
OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1 4'	48"		0-1 ft Gray gravel (c,m,f,l,sa,d)		
2				1-3 ft - Brown silt (lp,m)	0	
4				3-4 ft Light brown silt (mp,m)	0.1	
6	#2 4'	48"		4-8' Brown silt (mp,m)	0.1	
8					0.1	
10	#3 1'	28"		8-9 Gray-brown silt (lp,m to l)	0.4	
12						
14				- Equipment refusal @ 9 ft bgs		
16						
18				- no odors/staining		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME		9 -Ft.		GW possibly @ 8-9 ft.

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #7

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 8
SHEET 1 OF
JOB:
CHKD BY: CH

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 3:15pm TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1					
2	4'	48"		0-2 ft Gray Gravel (c,f,l,sa,d)	0	
4				2-4 ft Brown silt (mp,m)	0	
6	#2	48"		4-7.8 ft - SAA	0	
8	3.8'				0	
10				Equipment refusal @ 7.8 ft. bgs		
12						
14						
16				- no odors / staining		
18						

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME		18 -Ft.		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations

and = 35 to 50 %	c = coarse	
some = 20 to 35%	m = medium	BGS = Below the Ground Surface
little = 10 to 20%	f = fine	NA = Not Applicable
trace = 1 to 10%	vf = very fine	

BORING: #8

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

BORING: 9
SHEET 1 OF
JOB:
CHKD BY: CK

CONTRACTOR:
DRILLER:
LABELLA REPRESENTATIVE:
BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE:
END DATE: 4/14/2010
TIME: 4:05pm TO
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8-Inch
OTHER:

DEPTH	SAMPLE NO AND DEPTH	SAMPLE RECOVERY	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	#1			0-1 Gray gravel (c,f,sa,l,d)	0	
2	4'	30"		1-4 Brown silt (lp,M)	0	
4						
6	#2 3.4'	48"		4-7.4 - SAA	0	
8					0	
10						
12						
14				- Refusal @ 7.4 ft. bgs		
16						
18				- no odors/staining		

WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:
DATE	TIME	ELAPSED TIME		24 -Ft.		

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
3) Abbreviations
and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c = coarse
m = medium
f = fine
vf = very fine
BGS = Below the Ground Surface
NA = Not Applicable

BORING: #9

2013 NYSDEC EXTENT OF CONTAMINATION INVESTIGATION

ROW A

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A(-2)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, some f-m Gravel, tr silt (moist, FILL) Red-Brown Silty CLAY, little f-c Gravel, tr.sand (moist, FILL)	
2			Sample #1 Recovery 3.2'
3		Becomes Stained Gray, contrains tr ash	Sulphur odor noted on Sample #1
4			Sample #2 Recovery 2.9'
5		Red Brown Clayey SILT, little "carbon-like" nodules, occassional staining (moist, ML)	
6			
7			Sample #3 Recovery 1.6'
8		Gray Weathered SILTSTONE FRAGMENTS Red Brown SILT, tr gravel (moist, ML)	
9		Red Brown Silty CLAY, tr sand (moist, CL)	
10			Collected samples at 2', 4', 6' and 8' for analytical testing.
11		Gray Weather SILTSTONE Refusal at 10.0'	
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/5/2013
FINISHED 8/5/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-m GRAVEL and f-c Sand (moist, FILL) Red-Brown Silty Clay, little f-c Gravel, tr.sand (moist, reworked)	
2		Gray Clayey Silt, little f-c Sand, ash-like laminations (moist, FILL, possible Sludge)	Sample #1 Recovery 3.3'
3			
4		Red-Brown Clayey Silt, ash-like lamination (moist, FILL, possible Sludge)	Sample #2 Recovery 2.6'
5		Red-Brown to Brown SILT, little Fine Sand (moist, ML)'	
6			
7		Red-Brown Weathered SILTSTONE, occasional Silty Clay seams, occasional Calcite precipitates	Sample #3 Recovery 2.7'
8			
9			
10			Collected samples at 2.8', 4.0', 6.0' and 8.0' for analytical testing.
11			
12		Refusal at 11.2'	
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/5/2013
FINISHED 8/5/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL) Red Brown Silty CLAY, tr gravel, tr coal (moist, FILL)	Sample #1 Recovery 3.1'
2		Gray f-c GRAVEL, little f-c SAND, tr silt (moist, FILL, crusher run stone)	
3		Gray to White f SAND, some f-c Gravel, little Silt, tr wood (moist, FILL)	
4		Gray Clayey SILT, tr coal, occassional white laminations (moist, FILL, possible sludge)	
5		Brown Clayey SILT, tr sand (moist, ML) Contains "and" f-c Sand (moist-wet)	Sample #2 Recovery 2.7'
6		Brown SILT, some f Sand (moist-wet, ML)	
7			
8			
9		Red Brown Clayey SILT, tr sand (moist, ML)	Sample #3 Recovery 2.5'
10		Red-Brown Highly Weathered SILTSTONE	
11			
12		Refusal at 11.4'	Collected samples at 2.3', 4', 6', 8' and 10' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Clayey SILT, tr.sand, tr.organics (moist, FILL)	
		Gray f-c GRAVEL, tr.sand, tr.silt (moist, FILL)	Sample #1 Recovery 0.9'
2			
3			
4			
5		Gray Clayey SILT (moist, FILL)	Sample #2 Recovery 2.6'
		Gray f-c Gravel, little f-c Sand, tr.organics/ roots (moist, FILL)	
6		Dark Red-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
7			
8			
9			Sample #3 Recovery 3.0'
10		Red-Brown SILT, tr.sand, tr.clay (moist, ML)	
		Red-Brown-Gray Weathered SILTSTONE	
11			
12		Refusal at 11.4'	Collected samples at 6', 8', and 10' for analytical testing.
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c GRAVEL, some f-c Sand, tr.silt (moist, FILL)	
		Tan-Brown f-c SAND, tr.silt (moist, FILL)	
2		Gray f-c Gravel, tr.organics/ roots (moist, FILL)	Sample #1 Recovery 1.3'
3		Brown Clayey SILT, tr.gravel (moist, FILL)	
		Gray Fine Sand, tr.gravel, tr.silt (moist-wet, FILL)	
4		Red-Brown Fine Sand, some Silt, tr.coal (moist, FILL)	Sample #2 Recovery 1.5'
5		Brown-Yellow Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, GW, possible FILL)	
6		Brown-Red Brown Fine SAND and Silt (moist, SM)	Sample #3 Recovery 3.6'
		Contains tr.gravel	
7			
8			
9		Dark Gray-Black SILT, tr.sand (moist, ML)	Sample #4 Recovery 1.9'
		Red Brown-Gray Weathered SILTSTONE	
10			
11		Refusal at 10.1'	Collected samples at 4', 6', and 8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics (moist, FILL)	
		Gray f-c Gravel, tr.sand, tr.silt (moist, FILL)	
2		Brown Fine Sand, some Silt, tr.brick (moist, FILL)	Sample #1 Recovery 1.4'
3		Brown-Red Brown Fine SAND and Silt, tr.gravel (moist, SM)	Sample #2 Recovery 1.7'
4			
5			
6			Sample #3 Recovery 2.0'
7		Red-Brown SILT, little Fine Sand (moist, ML)	
8			
9		Green Gray-Red Brown Weathered SILTSTONE	Sample #4 Recovery 1.3'
10			
11		Refusal at 9.5'	Collected Samples at 4', 8', and 8.3' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics/ roots (moist, topsoil)	
		Brown Clayey Silt, tr.sand (moist, FILL)	
2		Tan Fine Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.2'
		Gray-Pink f-c Sand, little Silt (moist, FILL)	
3		Brown-Gray Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 3.0'
5			
6		Gray-Red Brown Weathered SILTSTONE	Limestone cobble fragments present on TUR
7			
8			Sample #3 Recovery 2.3'
9			
10			
11		Refusal at 10.2'	Collected samples at
			2', 4', and 5.6' for analytical
12			testing.
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
		Contains little Fine Sand	
2		Brown Fine SAND and Silt (moist, ML)	Sample #1 Recovery 3.4'
		Becomes Light Gray, Contains little Silt	
3		Becomes Gray, Contains some Silt	
4			Sample #2 Recovery 2.6'
5			
6			
7		Gray f-c GRAVEL, some Fine Sand, little Silt (moist, wet, GW)	
8		Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 6.9' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Brown Clayey Silt, little Fine Sand (moist, FILL)	
2		Red-Brown Fine SAND, some Silt, tr.organics/ roots (moist, SM)	Sample #1 Recovery 3.0'
		Contains Fine Gravel seam at 1.5'	
3		(moist-wet)	
		Becomes Gray, Contains "and" Silt	
4			Sample #2 Recovery 2.1'
5			
6			
7		Red-Brown SILT, tr.gravel, tr.sand (moist, SM)	
		Green Gray-Red Brown Weathered SILTSTONE	
8			
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6.4' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. A-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
2		Tan Silty CLAY, tr.sand (moist, CL)	Sample #1 Recovery 3.3'
3		Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM) (moist)	
4			Sample #2 Recovery 2.2'
5		Brown SILT, little Fine Sand (moist, ML)	
6		Contains little f-c Gravel Gray-Red Brown Weathered SILTSTONE	
7		Refusal at 6.0'	Collected samples at 2', 4', and 5.4' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW B

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B(-2)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt (moist, FILL) Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Red Brown Silty CLAY, tr sand (moist, FILL)	Sample #1 Recovery 3.5'
3		Gray f SAND, some Silt, occassional white laminations (moist, FILL, possible sludge)	Dark gray staining noted on possible sludge
4		Black SILT, little f-c Gravel, little f-c Sand (moist, FILL)	Sulphur odor noted near bottom of Sample # 1
5		Black to Gray f-c GRAVEL, some f-c Sand, tr silt, tr ash (moist, FILL0	
6			Sample #2 Recovery 3.1'
7		Brown to Red Brown f SAND and Silt, occassional dark gray staining (moist, SM	
8		Red Brown SILT, little f Sand (moist, ML)	
9		Red Brown to Gray Highly Weathered SILTSTONE Red Brown Weathered SILTSTONE, occassional silty clay seams, occassional "grout" deposits, occassional staining	Sample #3 Recovery1.4'
10		Refusal at 9.7'	Collected samples at 2', 4' and 6' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt (moist, FILL)	
		Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	Sample #1 Recovery 3.4'
2		Red Brown Silty CLAY, tr gravel, tr sand (moist, FILL)	
3		Becomes Brown	
4		Black SILT, frequent white laminations (moist, FILL, possible sludge)	Gravel size slag present on top of black silt
5		Red Brown Clayey SILT, tr gravel, minor staining noted (moist, ML)	Sulfur odor noted on black silt
6			
7		Red Brown f SAND, some Silt (moist, SM)	Sample #2 Recovery 2.3'
8		Red Brown Clayey SILT, tr sand (moist, ML)	
9		Red Brown Weathered SILTSTONE	
10		Refusal at 8.4 feet	
11			
12			Collected samples at 2, 4', 6' and 8' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/5/2013
FINISHED 8/5/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c SAND, little Organics, tr.silt (moist, FILL)	
2		Black to Brown f-c Sand, some f-c Gravel, little Clayey Silt, tr.organics, tr.brick, tr.cinders, tr.slag (moist, FILL)	Sample #1 Recovery 3.3' Sulfur odor noted on Sample #1
3		White to Gray f-c Sand, tr.gravel, tr.silt (moist, FILL) Becomes Brown	
4		Gray to Brown Clayey Silt, ash-like laminations (moist, FILL, possible sludge) Gray to Brown Clayey SILT, occasional f-c Sand laminations (moist-wet, ML)	Sample #2 Recovery 2.5'
5		Brown to Red-Brown SILT, little Fine Sand (moist, ML)	
6			
7		Gray SILT, some Fine Sand (moist, ML)	Sample #3 Recovery 0.4'
8		Red-Brown SILTSTONE, occasional Silt seams	
9		Refusal at 8.4'	
10			
11			
12			Collected samples at 1.8', 3.0', 6.0' and 8.0' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Lt. Gray f-c SAND, some f-c Gravel, tr.silt (moist, FILL)	
		Black Silt, little f-c Sand, little Fine Gravel, little organics (moist, FILL)	
2		Becomes Gray Silt, occasional Fine Sand laminations (moist, FILL)	Sample #1 Recovery 3.3'
3			
4		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 3.0'
5			
6			
7		Black SILT, little Fine Gravel, little Fine Sand (moist, ML, sufur odor)	
		Red-Brown SILT (moist, ML)	
8		Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 6.9' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black f-c SAND, little Fine Gravel, tr.silt (moist, FILL, Possible Cinders)	
		Dark Brown Clayey Silt, tr.cinders, tr.brick (moist, FILL)	
2		Red-Brown Fine Sand, little Clayey Silt, tr.gravel, tr.brick, occasional moist-wet seams (moist, FILL)	Sample #1 Recovery 3.0'
3		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 2.2'
5			
6		Becomes Gray Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
7		Red Brown-Gray Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black f-c SAND, little Fine Gravel, tr.silt (moist, FILL)	
		Dark Brown Clayey Silt, little Fine Sand (moist-wet, FILL)	
2		Light Brown f-m Sand, little Silt, tr.wood (moist, FILL)	Sample #1 Recovery 3.0'
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 2.1'
5		Contains little f-c Gravel	
6		Becomes Brown, Contains little Silt	
7		Red Brown-Gray Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black SILT, little f-c Sand, tr.clay, tr.organics (roots, moist, topsoil)	
		Brown Clayey SILT, tr.sand (moist, ML, Possible FILL)	
2		Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #1 Recovery 3.1'
3			
4			Sample #2 Recovery 2.1'
5		Contains occasional moist-wet seams	
6			
7		Probe Complete at 5.8'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand (moist, topsoil)	
		Gray-Brown Silty Clay, little Fine Sand, tr.roots (moist, CL, possible FILL)	
2		Brown Clayey SILT, little f-c Sand, tr.roots (moist, ML)	Sample #1 Recovery 2.7'
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 3.0'
5			
6			
7		Becomes Gray, Contains little Fine Gravel	Black staining noted at 6.5'
8		Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6.4' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Brown Silty CLAY, little Fine Sand (moist, CL)	
2		Tan Clayey SILT, tr.sand (moist, ML)	Sample #1 Recovery 3.2'
3		Red-Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet seams (moist, SM)	
4			Sample #2 Recovery 1.0'
5			
6		Red-Brown SILT, little f-c Gravel, little Fine Sand (moist, ML)	
7		Refusal at 6.3'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/10/2013
FINISHED 7/10/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (mosit, topsoil)	
1		Brown Silty CLAY (moist, CL)	
		Brown Clayey SILT, some Fine Sand (moist, ML)	Sample #1 Recovery 3.3'
2		Gray f-c GRAVEL (moist, GW / Possible Cobble fragments)	
		Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
3			
4			Sample #2 Recovery 2.4'
		Becomes Brown	
5			
6		Red-Brown SILT, little f-m Gravel (moist-wet, ML)	
		Gray-Red Brown Weathered SILTSTONE	
7		Refusal at 6.4'	Collected samples at 2', 4', and 5.8' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW C

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C(-2)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, little f-c Gravel, tr silt (moist, FILL) Brown Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Red Brown Silty CLAY, tr sand (moist, FILL) Contains little f-c Gravel	Sample #1 Recovery 3.0'
3			Sulphur odor noted on Sample #1
4		Black to Red Brown f-c GRAVEL, little f-c Sand, tr silt (moist, FILL)	Sample #2 Recovery 2.7'
5		Brown f SAND, some Silt, tr gravel, occassional moist-wet laminations (moist, SM)	
6			
7			Sample #3 Recovery 0.2'
8		Red Brown SILT, little f Sand, tr gravel (moist, ML) Red Brown Weathered SILTSTONE	
9		Refusal at 8.4'	
10			Collected samples at 2', 4' and 6' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c SAND, tr.gravel, tr.silt (moist, FILL)	
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.7'
2		Red-Brown Silty Clay, tr.sand (moist, FILL)	
3			
4		Dark Gray Clayey Silt, little f-c Sand, tr.gravel, tr.ash-like laminations (moist, FILL, possible Sludge)	
5		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 3.1'
6		Becomes moist-wet	
7			
8		Black Staining noted at 7.3'	
9		Red-Brown Weathered SILTSTONE	Sample #3 Recovery 0.4'
10		Refusal at 8.7'	
11			Collected samples at 3', 6' and 7.3' for analytical testing
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Red-Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
1		Red-Brown Silt, some f-c Gravel, occasional Fine Sand seams (moist, FILL)	
			Sample #1 Recovery 2.6'
2			
3		Dark Brown f-m Sand, little Clayey Silt, tr.organics/ roots (wet, FILL)	
4			Sample #2 Recovery 1.7'
		Brown Silt, little f-c Sand (wet, FILL)	
5		Black Silty Clay, little f-c Sand, tr.wood (wet, FILL)	
		Concrete fragments (moist, FILL)	
6			
		Refusal at 5.7'	Collected sample at
7			4.4' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C0-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c SAND, tr.gravel, tr.silt (moist, FILL)	
		Red-Brown Silt, tr.gravel, tr.sand, tr.brick (moist, FILL)	
2		Becomes Brown-Dark Brown, Contains tr.wood	Sample #1 Recovery 3.6'
3		Light Brown-Gray Fine SAND, little Silt, tr.gravel (moist, SM, Possible FILL)	
4			Sample #2 Recovery 3.1'
5		Brown Fine SAND, some Silt, tr.gravel, occasional f-m Gravel seams (moist, SM)	
6		Becomes Red Brown-Gray	
7			Sample #3 Recovery 1.1'
8		Red SILT, tr.gravel, tr.sand, occasional Silty Fine Sand seams (moist, ML)	
9		Red Brown-Brown Clayey SILT, some Fine Sand (wet, ML)	
10		Red-Brown Weathered SILTSTONE	
11		Refusal at 9.6'	Collected samples at 2', 4', 6', 8', and 8.8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/5/2013
FINISHED 8/5/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL) Brown Silt, tr.sand, tr.brick, tr.roots (moist, FILL) Brown f-c Gravel, some Fine Sand, tr.silt (moist, FILL)	Adjacent to well location B6 Sample #1 Recovery 3.4'
2		Brown Fine Sand, little Clayey Silt, tr.wood (moist-wet, FILL) Dark Brown to Brown Clayey Silt, tr.brick, tr.ash (moist, FILL)	
3		Brown SILT, little Fine Sand (moist, ML)	
4		s	
5		Brown Fine SAND, some Silt (moist-wet, SM) Brown to Gray SILT, some Fine Sand (moist-wet, ML)	Sample #2 Recovery 2.4'
6			
7			
8		Black Staining noted at 7.4'	
9		Red-Brown Highly Weathered SILTSTONE	Sample #3 Recovery 1.4'
10		Refusal at 9.4'	
11			Collected samples at 2', 4', 6' and 7.3' for analytical testing
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand (moist, topsoil)	
		Contains tr.gravel	
2		Dark Brown-Brown f-c Sand, little Fine Gravel, little Clayey Silt (moist-wet, FILL)	Sample #1 Recovery 2.6'
3		Light Brown-Tan Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 2.3'
5			
6		Becomes Brown, Contains "and" Silt (moist-wet)	
		Red-Brown SILT (moist, ML)	
7		Weathered Red-Brown SILTSTONE	
8		Refusal at 6.9'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black Clayey SILT, little f-c Sand, tr.gravel, tr.organics/ roots (moist, topsoil)	
		Dark Brown-Brown Clayey Silt, little Fine Sand, little Fine Gravel (moist, ML)	Sample #1 Recovery 3.0'
2		Brown Fine SAND, some Silt, little Fine Gravel, tr.roots, occasional Silt laminations (moist, SM)	
3			
4			Sample #2 Recovery 1.9'
		Becomes Red Brown-Brown	
5			
			Water present on top of Sample #2.
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 6.2'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, little organics (moist, topsoil)	
		Dark Brown Fine Sand, tr.clayey Silt, tr.cinders (moist, FILL)	
2		Dark Brown Clayey SILT, little Fine Gravel, little Fine Sand (moist-wet, ML, Possible FILL)	Sample #1 Recovery 3.4'
3		Tan-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 2.7'
5			
6		Gray Weathered DOLOSTONE	Water present on top of Sample #2
		Red-Brown SILT, tr.gravel, occasional Fine Sand seams (moist, ML)	
7		Green-Gray Weathered SILTSTONE	
8		Refusal at 6.8'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics (moist, topsoil)	
		Brown-Red Brown f-c Sand, little Clayey Silt, little Fine Gravel, tr.roots (moist-wet, FILL)	Sample #1 Recovery 3.2'
2		Brown-Red Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
3			
4			Sample #2 Recovery 1.8'
5		Red-Brown SILT, occasional Fine Sand seams (moist, SM)	
6		Red-Brown Weathered SILTSTONE	Water present on top of Sample #2
7		Refusal at 6.1'	Collected samples at 2', 4', and 5.6' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
		Black-Dark Brown f-c Sand, little Clayey Silt, tr.organics (moist-wet, FILL)	Sample #1 Recovery 3.0'
2		Brown Fine SAND, some Silt, tr.gravel (moist, ML)	
3			
4			Sample #2 Recovery 1.8'
		Contains occasional moist-wet seams	
5			
			Water present on top of Sample #2
6		Green Gray-Red Brown Weathered SILTSTONE	
		Refusal at 5.8'	Collected samples at
7			2', 4', and 5' for
			analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/12/2013
FINISHED 7/12/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. C-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little organics, tr.sand (moist, topsoil)	
		Black f-c Sand, little Silt, tr.gravel, tr.roots (moist, FILL)	
2		Dark Brown Silty CLAY, tr.roots (moist, CL, Possible FILL)	Sample #1 Recovery 2.5'
3		Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)	
4		Becomes Brown	Sample #2 Recovery 1.4'
5			Water present on top of Sample #2
6		Red Brown-Gray Weathered SILTSTONE Refusal at 5.4'	Collected samples at 2', 4', and 5' for analytical testing.
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW D

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D(-2)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		ORGANIC MATTER Gray Brown f-c SAND, some f-m Gravel, tr silt (moist, FILL)	
2		Gray Coarse GRAVEL (moist, FILL) Black f-c SAND, tr gravel, tr silt (moist, FILL, cinders)	Sample #1 Recovery 3.4'
3		Red Brown Silty CLAY, little f-c Gravel (moist, CL, possible reworked)	
4		Brown to Red Brown f SAND, some Silt, little f-c Gravel (moist-wet, SM)	Sample #2 Recovery 2.2'
5			
6			
7			Sample #3 Recovery 0.5'
8		Red Brown SILT, tr sand (moist, ML) Gray Weathered SILTSTONE	
9		Refusal at 8.55'	
10			Collected samples at 1.7', 4' and 6' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c SAND, tr.silt (moist, FILL)	
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.7'
2		Black to Brown f-c Sand, little f-c Gravel, little Silty Clay, tr.slag (moist, FILL, Cinders)	
3			
4		Dark Brown Clayey SILT, little f-c Sand, tr.slag (moist, reworked)	
5			Sample #2 Recovery 3.3'
6		Red-Brown to Brown Fine SAND, some Silt (moist, SM)	
7			
8		Brown SILT, little Fine Sand (moist, ML)	
9		Red-Brown Weathered SILTSTONE	Sample #3 Recovery 0.3'
		Refusal at 8.45'	
10			
11			
12			Collected samples at 2', 4', 6' and 8' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c GRAVEL, some f-c Sand, tr.silt (moist, FILL)	
		Dark Brown-Gray Silt, tr.sand, tr.cinders (moist, FILL)	
2			Sample #1 Recovery 4.0'
3		Brown Silt, little Fine Sand, occasional White f-m Sand Laminations (moist, FILL)	
4		Brown-Red Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet seams (moist, SM)	Sample #2 Recovery 3.1'
5			
6			
7		Brown-Red Brown SILT, little Fine Sand (moist, ML) Contains little f-c Gravel	
8		Gray Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 7.5' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c GRAVEL, some f-c Sand, tr.silt, tr.brick, occasional Silty Clay Laminations (moist, FILL)	
		(wet)	Sample #1 Recovery 1.7'
2		Dark Brown Silty Clay, little Fine Sand, tr.organics (moist, CL, possible FILL)	
		Red-Brown Fine Sand, little f-c Gravel, little Silt (moist, SP-SM, possible FILL)	
3			
4			Sample #2 Recovery 3.2'
		Red Brown-Brown Fine SAND and Silt, little f-c Gravel (moist, SM)	
5			
6			
7			Sample #3 Recovery 0.3'
		Red-Brown SILT, tr.sand, occasional Fine Sand Laminations (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 8.4'	Collected samples at 2', 4', 6', and 7.8' for analytical testing.
10			
11			Water present on top of recovered sub for sample #2 and #3
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little f-c Sand, tr.cinders, tr.organics/ roots (moist, FILL)	
2		Red-Brown Fine SAND, little Clayey Silt, tr.organics/ roots (moist-wet, SM)	Sample #1 Recovery 1.7'
3		Red-Brown Fine SAND, little Fine Gravel, little Silt (moist, SP-SM)	
4		Contains some Silt	Sample #2 Recovery 3.2'
5			
6			
7		Red Brown-Brown SILT, some Fine Sand, occasional moist-wet seams (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 7.6'	Collected samples at 4', 6', and 7' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, tr.sand, tr.organics (moist, topsoil)	
2			Sample #1 Recovery 2.4'
3		Black f-c Sand, tr.gravel, tr.silt (moist, FILL/ Cinders)	
4		Brown Silty Clay, little f-c Gravel, tr.sand (moist, FILL)	
5		Brown Fine SAND, some Silt, tr.gravel, occasional f-c Sand seams (moist, SM, possible FILL)	Sample #2 Recovery 3.4'
6		Red-Brown Fine SAND and Silt, little Fine Gravel (moist, SM)	
7		Red-Brown SILT, little Fine Sand (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 8.0'	Collected samples at 2', 4', 6', and 7.6' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.roots (moist, topsoil)	
2		Brown-Red Brown Silty CLAY, tr.gravel, tr.sand, occasional Sand Laminations (moist, CL)	Sample #1 Recovery 3.2'
3		Brown-Red Brown Clayey SILT, tr.sand (moist, ML)	
4		Red-Brown SILT, some Fine Sand, occasional Fine Sand partings (moist, ML)	Sample #2 Recovery 3.0'
5		Contains little f-c Gravel, occasional f-m Sand seams	
6			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.9'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
1		Red Brown-Brown Fine SAND, little Clayey Silt, tr.gravel (moist-wet, SP-SM)	
2			Sample #1 Recovery 2.9'
3		Gray-Brown Silty CLAY, tr.roots (moist, CL)	
4		Brown-Red Brown f-m SAND, little f-m Gravel, little Silt, occasional Clayey Silt seams (moist-wet, SP-SW)	Sample #2 Recovery 2.8'
5		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
6			
7		Red-Brown SILT, little Fine Sand (moist, ML) Red-Brown Weathered SILTSTONE	
8		Refusal at 6.8'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.gravel, tr.organics/ roots (moist, topsoil)	
		Brown Clayey Silt, some f-c Gravel, little Fine Sand (moist, ML, possible FILL)	Sample #1 Recovery 3.3'
2		Brown SILT, little f-c Gravel, little Fine Sand (moist, ML)	
3			
4			Sample #2 Recovery 2.4'
5		Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
6			
7		Red-Brown SILT, little Fine Sand (moist, ML)	
		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.7'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. D-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little f-c Sand, tr.organics/ roots (moist, topsoil)	
		Brown Fine Sand, little Silt, tr.gravel (moist, FILL)	
2			Sample #1 Recovery 3.2'
		Brown-White f-c SAND, tr.gravel (moist, FILL)	
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet partings (moist, SM)	
4			Sample #2 Recovery 2.2'
5			
6			Limestone fragments encountered at 6.0'
		Red-Brown SILT, little f-c Gravel (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.7'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW E

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E(-2)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr organics (moist, FILL, crusher run stone)	
2			Sample #1 Recovery 3.2'
		Black f-c SAND, little f-c Gravel, tr coal, tr slag, tr ash (moist, FILL, cinders)	
3		Brown Silty CLAY, tr iron staining (moist, CL)	
4			Sample #2 Recovery 2.0'
5		Brown f SAND, some Silt, little f-c Gravel (moist, SM)	
6			
7			
8			Sample #3 Recovery 0.3'
9		Gray Weathered SILTSTONE	
		Refusal at 8.3'	
10			Collected samples at 2', 4' and 6' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt, tr.roots (moist, FILL)	
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.2'
2		Black f-c Sand, little f-c Gravel, tr.silt, tr.coal, tr.slag (moist, FILL, Cinders)	
		Gray f-c Gravel (moist, FILL)	
3		Dark Gray Clayey SILT, tr.gravel (moist, ML)	
4		Red-Brown Fine SAND and Silt (moist, SM)	
5		Contains little Fine Gravel (moist-wet)	Sample #2 Recovery 3.4'
6			
7			
8			
9		Red-Brown SILT, tr.sand	Sample #3 Recovery 0.4'
		Gray Weathered SILTSTONE	
10		Refusal at 8.4'	
11			
12			Collected samples at 2', 4', 6' and 8' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
2		Black f-c Sand, tr.gravel, tr.silt (moist, FILL, possible Slag)	Sample #1 Recovery 3.6'
3		Dark Brown SILT, tr.sand (moist, FILL) Becomes Brown, Contains tr.cinders	
4		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 2.9'
5			
6		Contains little f-c Gravel	
7			
8		Red-Brown SILT, little Fine Sand (moist, ML)	
9		Refusal at 8.2'	Collected samples at 1.5', 2', 4', 6', and 8' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
		Red-Brown Clayey Silt, tr.sand (moist, FILL)	
2		Dark Brown Fine Sand, tr.gravel, tr.silt (moist, FILL)	Sample #1 Recovery 3.2'
		Concrete	
3		(wet)	
		Brown Clayey SILT, little Fine Sand (moist, ML, possible FILL)	
4		Red Brown-Brown Fine SAND, little Silt (moist, SM)	Sample #2 Recovery 3.3'
5		Contains some Silt, little f-c Gravel (FILL)	
6			
7			
		Red-Brown SILT, little f-c Gravel, little f-c Sand (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 8.3'	Collected samples at 4', 6', and 7.3' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics (moist, topsoil)	
		Dark Brown f-c Sand, tr.gravel, tr.silt (moist, FILL)	
		Brown Clayey SILT, tr.gravel, tr.sand (moist, ML)	Sample #1 Recovery 2.7'
2		Red Brown-Brown Fine SAND and Silt (moist, SM)	
3			
4			Sample #2 Recovery 2.4'
5		Contains little f-c Gravel	
6			
7		Red Brown-Gray Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 5.6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
2		Brown-Red Brown Fine Sand, some Silt, little Fine Gravel, occasional f-c Sand Laminations (moist, SM)	Sample #1 Recovery 2.4'
3			
4			Sample #2 Recovery 2.8'
5			
6		Brown-Red Brown SILT, little Fine Sand, tr.gravel (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.2'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Red Brown-Brown Fine Sand, little Clayey Silt, tr.gravel (moist-wet, SM)	Sample #1 Recovery 3.6'
2		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
3			
4			Sample #2 Recovery 2.0'
5			
		Red-Brown SILT, some Fine Sand (moist, ML)	
6		Red-Brown Weathered SILTSTONE	
7			
		Refusal at 6.4'	Collected samples at 2', 4', and 5.8' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics (moist, topsoil)	
		Brown Fine SAND, little Clayey Silt (SM)	Sample #1 Recovery 3.3'
2		Red Brown-Brown Fine SAND, some Silt, occasional moist-wet partings (moist, SM)	
3			
4		Contains "and" Silt	Sample #2 Recovery 2.0'
5		Brown-Red Brown SILT, some Fine Sand, tr.gravel (moist, ML)	
6			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.roots/ organics (moist, topsoil)	
		Brown Fine Sand, some Silt, tr.gravel (moist-wet, SM) (moist)	Sample #1 Recovery 1.7'
2			
3			
4			Sample #2 Recovery 2.8'
5		Contains little f-c Gravel	
6		Red-Brown SILT, little f-c Sand, tr.gravel (moist, ML, possible Highly Weathered Bedrock)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/15/2013
FINISHED 7/15/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. E-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
2		Brown Fine Sand and Silt, tr.gravel, occasional moist-wet partings (moist, SM)	Sample #1 Recovery 3.5'
3			
4			Sample #2 Recovery 2.6'
5		Contains tr.gravel	
6			
7		Red-Brown SILT, little f-c Sand, (moist, ML, probable Highly Weathered Bedroc Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW F

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt (moist, FILL)	
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.1'
2		Black f-c Sand, little f-m Gravel, tr.silt (moist, FILL, Cinders)	
		Gray Coarse Gravel (moist, FILL)	
3		Dark Brown Clayey SILT, tr.sand (moist, ML)	
		Red-Brown to Brown Fine SAND and Silt (moist, SM)	
4			
5			Sample #2 Recovery 2.6'
6			
7			
8		Red-Brown Clayey SILT (moist, ML)	
9		Red-Brown Weathered SILTSTONE	Sample #3 Recovery 0.1'
		Refusal at 8.1'	
10			Collected samples at 4', 6' and 8' for analytical testing.
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
2			Sample #1 Recovery 3.4'
3		Black f-c Sand, some f-c Gravel, tr.silt (moist, FILL, possible Slag)	
4		Dark Brown Clayey SILT, tr.sand, tr.roots (moist, ML)	
5		Brown SILT, little Fine Sand (moist, ML)	Sample #2 Recovery 3.0'
6		Grades to Red-Brown	
7		Red Brown-Brown Fine SAND and Silt, occasional moist-wet partings (moist, SM)	
8			Sample #3 Recovery 0.2'
9		Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
10		Red Brown-Gray Weathered SILTSTONE	
11		Refusal at 8.4'	Collected samples at 2', 4', 6', and 8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
		Brown-Light Brown f-c Sand, some f-c Gravel, tr.silt (moist, FILL)	
2			Sample #1 Recovery 3.0'
3		Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)	
		Dark Brown Clayey Silt, tr.sand (moist, ML)	
4		Red Brown-Brown SILT, little Fine Sand (moist, ML)	Sample #2 Recovery 1.6'
5		Brown Fine SAND, some Silt (moist, SM)	
		Red-Brown SILT, little Fine Sand (moist, ML)	
6		Contains occasional f-c Gravel seams	
7		Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
8			Sample #3 Recovery 0.4'
		Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock)	
9		Red-Brown Weathered SILTSTONE	
10		Refusal at 8.9'	Collected samples at 2', 4', 6', and 8' for analytical testing.
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
		Brown Clayey Silt, tr.gravel, tr.cinders (moist, FILL)	
2		Brown Silty CLAY, little Fine Sand, tr.gravel (moist, CL)	Sample #1 Recovery 3.0'
3		Red-Brown SILT, tr.sand (moist, ML)	
4			Sample #2 Recovery 1.6'
5		Red-Brown Weathered SILTSTONE, occasional Silty Sand and Gravel seams	
6		Refusal at 5.8'	Collected samples at 2' and 4' for analytical testing.
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics/ roots (moist, topsoil)	
2		Brown Clayey Silt, some f-c Sand (moist, FILL)	Sample #1 Recovery 2.8'
3		No. 1 Crushed Stone (wet, FILL)	
4		Brown SILT, little Fine Sand (moist, ML)	Sample #2 Recovery 2.0'
5		Contains little Fine Gravel	
6		Red-Brown Highly Weathered SILTSTONE	
7			
8		Refusal at 7.5'	Collected samples at
9			2' and 4' for
10			analytical testing.
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Becomes Brown	
		Brown Fine Sand, some Silt (moist, SM)	Sample #1 Recovery 3.5'
2		Gray-Brown Clayey SILT, some Fine Sand (moist, ML)	
3		Brown SILT, some Fine Sand, occasional Clayey Silt seams (moist, ML)	
4			Sample #2 Recovery 1.7'
		Contains Little f-c Sand	
5			
6		Red-Brown Clayey SILT, little Fine Sand (moist, ML)	
		Red-Brown Weathered SILTSTONE	
7			
8		Refusal at 7.1'	Collected samples at 2', 4', and 5.7' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics, tr.coal (moist, topsoil)	
		Becomes Brown, Contains little Fine Sand	Sample #1 Recovery 2.6'
2		Brown Clayey SILT, little f-c Sand, tr.gravel (moist, ML, probable reworked)	
3			Wet seam at 3.0'
		Red Brown-Brown SILT, some Fine Sand (moist, ML)	
4			Sample #2 Recovery 2.0'
		Red Brown-Brown Fine SAND, some Silt, little f-c Gravel (moist, SM)	
5			
		Red-Brown Weathered SILTSTONE	
6			
7			
8		Refusal at 6.8'	Collected samples at 2' and 4' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Red Brown-Dark Brown Clayey SILT, tr.sand (moist, FILL)	
2		Brown Fine SAND, some Silt (moist, SM)	
3		Brown SILT, some Fine Sand (moist, ML)	
4			
5		Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
6		(moist-wet)	Black staining noted at 5.3'
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.4'	Collected samples at 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. F-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
2		Brown-Red Brown Fine Sand and Silt (moist, SM) Contains little f-c Gravel	Sample #1 Recovery 3.4'
3		Contains occasional moist-wet seams	
4		Becomes Brown, Contains some Silt	Sample #2 Recovery 2.2'
5		Contains some f-c Gravel Red-Brown SILT, little Fine Sand (moist, ML)	
6		Gray-Red Brown Weathered SILTSTONE	
7		Refusal at 6.2'	Collected samples at 2', 4', and 5' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ROW G

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. G(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt, tr.roots (moist, FILL)	Sample #1 Recovery 3.0'
2		Gray f-c Gravel, tr.sand (moist, FILL, crushed Stone)	
3		Black f-c Sand, little f-c Gravel, tr.silt, tr.slag (moist, FILL, Cinders)	
4		Brown f-c Gravel, little f-c Sand (moist, FILL) Brown Clayey SILT, little Fine Gravel (moist, ML, reworked)	
5		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 0.4' Cobble blocked sampling shoe
6			
7			
8			
9		Red-Brown Weathered SILTSTONE, occasional Silty Clay seams	Sample #3 Recovery 0.6'
10		Refusal at 8.9'	Collected samples at 2.2', and 4' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. G0
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.0'
2			
3		Black to Red-Brown Silty CLAY, some f-c Sand, little Fine Gravel, tr.cinders, tr.coal, tr.ash (moist, CL, reworked)	
4		Brown Clayey SILT, tr.sand (moist, ML) / Brown Silty SAND, tr.gravel (moist, SM)	
5			Sample #2 Recovery 2.9'
6			
7		Red-Brown Clayey SILT, tr.gravel (moist, ML)	
8		Red-Brown Weathered SILTSTONE / Refusal at 7.5'	
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. G-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Black to Brown f-c SAND, little f-c Gravel, tr silt, tr coal (moist, Fill, cinders)	Sample #1 Recovery 3.1'
		Dark Brown Clayey SILT, tr ash (moist, FILL)	
3		Gray Coarse GRAVEL (moist, FILL)	
		Dark Brown Clayey SILT, tr sand (moist, ML)	
4		Red Brown f SAND, some Silt, occassional silt seams (moist, SM)	Sample #2 Recovery 2.7'
5			
6			
		Red Brown Highly Weathered SILTSTONE	
7		Brown f SAND, little Silt (moist, SM)	
		Red Brown Silty CLAY, tr sand (moist, CL)	
8		Red Brown Weathered SILTSTONE	
		Refusal at 7.4'	
9			
10			Collected samples at 1.6', 4' and 6' for analytical testing
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. G-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr organics (moist, topsoil)	
		Red Brown SILT, tr sand (moist, ML, possible reworked)	
		Dark Brown Clayey SILT, tr gravel (moist, ML)	Sample #1 Recovery 3.3'
2		Red Brown SILT, little f Gravel, occassional f sand seams (moist, ML)	
3			
4			Sample #2 Recovery 1.5'
		Red Brown f SAND, some Silt, little f-c Gravel (moist, SM)	
5			
6			
7		Refusal at 5.9'	
8			Collected samples at 2', 4' and 5.8' for analytical testing
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

MISCELLANEOUS LOCATIONS

DATE:
STARTED 7/16/2013
FINISHED 7/16/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
		Black-Gray f-c Sand, little Silt, tr.gravel, tr.brick, tr.ash (moist, FILL)	Sample #1 Recovery 3.6'
2		Gray-Dark Brown Silt, tr.coal (moist, FILL)	
3		Dark Brown SILT and Fine Sand (mosit, ML)	
4		Becomes Brown, occasional moist-wet partings	Sample #2 Recovery 2.9'
5			
6			
7			Sample #3 Recovery 0.3'
8		Contains little f-c Gravel	7.2' - 8.4' possible weathered rock
		Gray Weathered SILTSTONE	
9			
10		Refusal at 8.5'	Collected samples at 1.8', 4', 6', and 8' for analytical testing.
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (moist, topsoil)	
		Brown Clayey Silt, some Fine Sand (moist, reworked)	
		Brown f-c Gravel, tr.sand (wet)	Sample #1 Recovery 1.9'
2		Red-Brown SILT, little Fine Sand (moist, ML, probable reworked)	
3			
4			Sample #2 Recovery 1.3'
5		Red-Brown SILT, little Fine Sand (moist, ML)	
		Contains some f-c Gravel, some f-c Sand	
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 5.6'	Collected samples at 0', 1.9', and 4' for analytical testing.
8		#2 Sample - Approximately 0.5' of No. 1 Crush Stone on top of Red-Brown Silt, probable fell in from above	
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Brown Clayey Silt, little Fine Sand (moist, ML)	
2		Red Brown-Brown SILT, some Fine Sand, tr.gravel (moist, ML)	Sample #1 Recovery 3.0'
3			
4			Sample #2 Recovery 2.5'
5		Brown Fine SAND, some Silt, little f-c Gravel (moist, SM)	
6			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.9'	Collected samples at 0', 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Red-Brown Clayey Silt, little Fine Sand (moist, ML)	
2		Red Brown-Brown SILT, some Fine Sand, occasional moist-wet seams (moist, ML)	Sample #1 Recovery 3.5'
3			
4		Contains little f-c Gravel	Sample #2 Recovery 2.1'
5		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 6.2'	Collected samples at 0', 2', 4', and 5.5' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Brown SILT, tr.sand, tr.organics (moist, topsoil)	
1		Light Brown SILT, little Fine Sand (moist, ML)	
			Sample #1 Recovery 3.1'
2		Red Brown-Brown SILT, some Fine Sand, occasional Clayey Silt seams (moist, ML)	
3		Contains little f-c Gravel	
4		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 1.6'
		Becomes Red-Brown, occasional moist-wet seams	
5		Contains little f-c Gravel	
6			
		Red-Brown SILT, little Fine Sand (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.1'	Collected samples at 0, 2', 4', and 6' for analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little Fine Sand, tr.gravel, tr.organics (moist, topsoil)	
2		Red Brown-Brown Fine Sand, some f-c Gravel, tr.silt (moist, reworked)	Sample #1 Recovery 3.0'
3		No. 1 Crush STONE, tr.sand (wet, FILL)	
4		Brown Fine SAND, some Silt, tr.gravel, tr.organics, occasional f-c Sand laminations (moist, SM, possible reworked)	Sample #2 Recovery 1.1'
5		Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 5.5'	Collected samples at 0', 3.1', and 4' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 7/17/2013
FINISHED 7/17/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Black f-c SAND, some f-c Gravel, little Silt, tr.brick, tr.cinders (moist, FILL)	
		Contains occasional Fine Sand seams	Sample #1 Recovery 3.0'
2		Red Brown-Black SILT, tr.slag (moist, FILL)	
3		Gray-Brown SILT, tr.sand (moist, ML)	
4			Sample #2 Recovery 3.0'
		Contains some Fine Sand, tr.gravel (moist-wet)	
5		Becomes Brown	
6			
7			Sample #3 Recovery 0.4'
8			
9			
		Refusal at 8.8'	Collected samples at 2', 4', 6', and 8' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/6/2013
FINISHED 8/6/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-5R
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL)	
		Brown to Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Red Brown Silty CLAY, tr gravel (moist, FILL)	Sample #1 Recovery 2.6'
3		Gray f-c gravel size ROCK FRAGMENTS (moist, FILL)	Sulphur odor noted on
		Dark Gray Clayey SILT, occassional f gravel size Coal seams (moist, FILL, coal seams are wet)	Sample #1
4			Sample #2 Recovery 3.1'
5		Gray f-c SAND, little Silty Clay, tr gravel (moist, SW, possible fill)	
		Light Gray to Gray Clayey SILT, tr gravel (moist, ML)	
6		Brown to Red Brown SILT and f SAND (moist, ML)	
7		Red Brown Clayey SILT, tr gravel, tr sand (moist, ML)	
8			
9		Red Brown Weathered SILTSTONE	
10			Sample # 3 Recovery 2.0'
11		Refusal at 10.0'	Collected samples at 2.5'
12			6' and 8' for analytical testing
13			
14			
15			
16			

DRILLER: R. Steiner **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/5/2013
FINISHED 8/5/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-m GRAVEL, some f-c Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.4'
2		Brown to Black f-c Sand, tr.silt, tr.coal (moist, FILL, cinders)	
3		Dark Brown SILT, tr.gravel, tr.sand (moist, ML, possible reworked)	
4		Brown Clayey SILT, little Fine Sand (moist, ML)	
5		Red-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 2.6'
6		Contains and Silt (moist-wet)	
7		Becomes Brown to Red-Brown	
8		Red-Brown SILT, little Fine Sand (moist, ML)	Sample #3 Recovery 0.2'
9		Gray Weathered SILTSTONE	
10		Refusal at 8.2'	
11			Collected samples at 1.6', 2', 4', 6' and 8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 8/7/2013
FINISHED 8/7/2013
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-8R
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE
PROJ. NO.: BEV-13-030
LOCATION: 8473 W. SOMERSET ROAD
BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown SILT, little f-c Sand, tr gravel, tr organics (moist, topsoil)	
		Brown f-c GRAVEL, little f-c Sand, tr silt (moist, FILL)	
2		Red Brown f SAND and f-c Gravel (moist, FILL)	Sample #1 Recovery 2.6'
3		Black f-m GRAVEL, some f-c Sand, tr ash (moist, FILL, cinders)	
4		Dark Brown Clayey SILT (moist, ML, possible reworked)	Sample #2 Recovery 1.8'
5		Red Brown SILT, little f Gravel, little f Sand (moist, ML)	
6		Contains tr gravel	
7		Red Brown Weathered SILTSTONE	Collected samples at 2.6', 4' and 6' for analytical testing
8		Refusal at 7.2'	
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. Steiner **DRILL RIG TYPE:** GEOPROBE 6620DT **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING