NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Division of Environmental Remediation

Site Name: Granite Pointe Subdivision Remedial Construction
Site Number: 360107
Contract Number: D012663
Location: Town of Somers, Westchester County, New York

Limited Site Specific Data

ARCADIS of New York, Inc.

January 2023

New York State Department of Environmental Conservation
KATHY HOCHUL, *Governor* Basil Seggos, *Commissioner*

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Attachment 13 – Groundwater & Environmental Services, Inc. (GES), January 2010. "Proposed Granite Pointe Subdivision, Remedial Action Work Plan." Table 1 – Summary of XRF Screening Results December 2004.

Attachment 14 – Groundwater & Environmental Services, Inc. (GES), January 2010. "Proposed Granite Pointe Subdivision, Remedial Action Work Plan." Table 9 – Summary of Lead Concentrations in Soil May 4 and 5, 2007.

Attachment 1 – Boring Logs, 2021

Soil Boring Log

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Boring/Well N-18 (N18A) Drilling Started — Drilling Completed 6/16/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum

Total Depth Drilled 6 feet Hole Diameter — Coring Device

Prepared By K Stilson Hammer Weight Hammer Drop ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1330	Metals (lead on hold)
2 - 3			
3 - 4	2-4		
4 - 5			
5 - 6			

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.6	0.0	0.0-0.3 fmc sand little silt and small, some organic material loose dark brown dry.
				0.3-0.7 f sand and silt, trace med pebble, loose dark brown.
				0.7-3.6 fine sand ~~some~~ and silt, some small to large pebble med stiff, dry brown.
4	6	2.0	0.0	4.0-4.8 fine sand and silt, some coarse grained sand, med stiff moist brown.
				4.8-5.0 large ~~gravel~~ pebble, dry gray stiff angular.
				5.0-6.0 - silt ~~and~~ with fine sand some small pebbles, trace large pebbles, stiff brown moist.
				5.8-6.0 - iron rust noted on bottom 2" of run.

Soil Boring Log

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Boring/Well E5 Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum

Total Depth Drilled 8 feet Hole Diameter — Coring Device

Prepared By K. Wilson Hammer Weight Hammer Drop ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1600	Metals, lead only, SVOC, VOC,
2 - 3			
3 - 4	2-4	1600	PCBs, Pesticides
4 - 5			
5 - 6	4-6	1600	

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	~~2.4~~	0.0	0.0 - 0.4 silt and organic ~~material~~ material, some sand.
				0.4 - 2.0' fmc sand with silt trace small med pebbles med stiff dry brown.
				2.0 - 2.3 white gravel, angular dry stiff.
				2.3 - 3.0' fine sand with silt with course grained sand med stiff ~~mois~~ dry, brown.
				3.0 - 4.0 fine sand with silt with course grained sand stiff brown dry.
4	8	4	0.0	4.0 - 6.0 silt and fine sand, little course sand, little sand pebble med stiff, dry brown.
				6.0 - 6.4 same as above (stiff)
				6.4 - 6.8 med to course Sand with small pebble loose brown moist.
				6.8 - ~~7.5~~ silt and clay ~~with~~ some small pebble low plasticity stiff wet brown.
				7.5 - 8.0 ~~wet~~ fmc sand some silt loose, brown, moist.

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Boring/Well EG Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Directpush

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter 2" Coring Device —

Prepared By K. Stilson Hammer Weight — Hammer Drop — ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1645	Metals lead on hold
2 - 3			
3 - 4	2-4	1645	metals lead on hold
4 - 5			
5 - 6			

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.5	0.0	0.0 – 0.3' silt and organic material loose, dark brown & moist.
				0.3' – 0.8' silt and fine grained sand dark brown trace organic. moist med stiff.
				0.8' – 2.0' fine grained sand some silt some med pebbles med stiff light brown dry.
				2.0 – 2.2 white gravel angular dry stiff.
				2.2 – 3.5 silt and fine sand little small/med pebble. Stiff brown moist.
4	8	3.30	0.0	4.0 – 4.9 clay ~~and~~ some fine sand trace small pebble, low plasticity med stiff. brown moist.
				4.9 – 5.1 gravel large to medium light gray to dark dry angular. stiff.
				5.1 – 6.2 silt and fine sand, some course sand some small pebble low plasticity med stiff moist brown
				6.2 – 7.0 silt and fine sand, trace coarse sand and med pebble stiff brown Moist.

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Boring/Well E7 Drilling Started ____ Drilling Completed 6/16/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. ____ feet ☐ Surveyed ☐ Estimated Datum ____

Total Depth Drilled 8 feet Hole Diameter ____ Coring Device ____

Prepared By K Stilson Hammer Weight ____ Hammer Drop ____ ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0800	Metal & lead on hold
2 - 3			
3 - 4	2-4	0800	"
4 - 5		0800	
5 - 6	4-6		

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.7	0.0	0.0-0.2' silt and organic Material dry dark brown.
				0.2-1.2' silt and fine sand trace sub rounded pebble, stiff dry, brown.
				1.2"-1.6" med sand little coars sand little med to large pebble. loose brown dry.
				1.6'-3.7' silt and sand, some med to large pebble, stiff brown, dry
4	8	3.9	0.0	4.0-5.0 silt ~~with fi~~ little fine sand, low plasticity trace large pebble stiff, moist, brown
				5.0-5.3 med sand with silt trace small pebble, med stiff, moist brown.
				5.3-6.0 silt with sand trace med pebble, med stiff, moist brown.
				6.0-7.6 silt with fine sand and trace small pebble med plasticity moist stiff.
				7.6-7.8 large gravel angular gray dry. stiff.
				7.8-7.9 silt with fine sand and trace small pebble med plasticity moist stiff.

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Boring/Well E9 Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2 2-4 feet

Land-Surface Elev. ____ feet ☐ Surveyed ☐ Estimated Datum ____

Total Depth Drilled 8 feet Hole Diameter ____ Coring Device ____

Prepared By K. Wilson Hammer Weight ____ Hammer Drop ____ ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2			
2 - 3	0-2	1446	5 Metal, Lead on hold SVOC
3 - 4	2-4	1449	
4 - 5			
5 - 6			

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3	0.0	0.0-0.5 silt and fine sand and organic material, loose dark brown, moist.
				0.5'-1.9' ~~Sand~~ fm sand some silt trace small to large pebbles. med stiff, dry brown
				1.9'-2.4 med to coarse grained sand some small to med pebbles, loose moist brown.
				2.4-2.6 silt and fine sand, trace small pebble med stiff, dry brown.
				2.6-3.0 fmc sand and silt some small to medium pebbles loose brown dry.
4	8	2.8	0.0	4.0-4.2 Med sand some silt loose dry.
				4.2-4.4 large white pebble (quartz) angular stiff dry.
				4.4-5.1 fmc sand some silt trace med pebble, moist brown, med stiff
				5.1-5.7 silt and fine sand with med large pebble, med stiff wet brown
				5.7-6.8 silt clay and fine sand, trace small med gravel stiff, wet brown.

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Boring/Well E16 (E16A) Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device —

Prepared By K. Stilson Hammer Weight — Hammer Drop — ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1230	Metals (lead on hold
2 - 3			
3 - 4	2-4	1230	
4 - 5			
5 - 6			

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.7	0.0	0.0-0.3 silt and fine sand and organic material loose, dark brown moist.
				0.3-3.7' silt and FM sand, some med large gravel med stiff ~~dry~~ dry brown.
4	8	3.5	0.0	4.0-5.3 silt and fine med sand, little small to med pebble, med stiff ~~dry~~ brown, moist
				5.3-5.4 MC sand some silt loose moist
				5.4-6.8 silt and fine med coarse sand little small to med pebble, stiff moist.
				6.8-7.5 silt and fmc sand, some small to large pebble angular, stiff moist.

Soil Boring Log

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Boring/Well E18 Drilling Started — Drilling Completed 6/16/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct Push

Length and Diameter of Coring Device 4 Foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 6.0 feet Hole Diameter — Coring Device —

Prepared By CStilson Hammer Weight — Hammer Drop — ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0830	Metals (send on hold)
2 - 3			
3 - 4	2-4	0830	
4 - 5			
5 - 6	4-6	0830	

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.3	0.0	0.0-0.3' silt and organic material, loose dry dark brown.
				0.3-2.1' silt and fine sand) little (ours sand) trace ~~small~~ med pebble med stiff, brown dry.
				2.1-2.3 med to (ourse sand) trace large pebble loose, moist brown.
				2.3-3.3 fine sand and silt some coarse grained sand trace med to large pebble med stiff dry brown.
4	8	4.0	0.0	4.0-6.1' same as above
				6.1'-7.7 silt with fine sand and trace small pebble med plasticity moist stiff.

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Boring/Well E19 Drilling Started — Drilling Completed 6/16/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 6.0 feet Hole Diameter — Coring Device —

Prepared By K Stikson Hammer Weight — Hammer Drop — ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0900	Metals Lead on hold
2 - 3	2-4	0900	
3 - 4	4-6	0900	
4 - 5			
5 - 6			~~d~~ MS/MSD taken here ~~by~~ ~~for~~ (2-4)

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3	0.0	0.0-0.1 silt and fine sand and organic material, dark brown, dry, loose.
				0.1-1.1 silt and ~~sand~~ fine sand, little med to large pebble trace organic material med stiff non plastic moist dark brown.
				1.1'-1.6' silt with fine coarse grained sand trace med pebble, non plastic stiff brown, moist.
				1.6'-2.0 Gravel some coarse sand, angular dry stiff, ~~grey~~ light grey.
				2.0-3.0 fine sand and silt some coarse grained sand trace med to large pebble, med stiff, dry brown.
4	8	3.2	0.0	4.0-5.6 ~~med to~~ fm sand some silt trace small/med large pebble, loose moist brown.
				5.6-7.2 silt ~~with~~ and fine sand and trace small pebble trace med pebble, ~~med~~ ~~plastic~~ moist stiff brown.

Soil Boring Log

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Boring/Well C-21 Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct-push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. ____ feet ☐ Surveyed ☐ Estimated Datum ____

Total Depth Drilled 8 feet Hole Diameter ____ Coring Device ____

Prepared By K. Wilson Hammer Weight ____ Hammer Drop ____ ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2			
2 - 3	0-2	1400	PFAS, 1,4, Metal lead
3 - 4	2-4		
4 - 5	4-6		
5 - 6			

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3	0.0	0.0-0.5' silt ~~some sand~~ fine sand loose and organic material, loose, dry.
				0.5-1.4' fine sand some small to medium pebbles, ~~dark~~ brown loose, dry.
				1.4'-1.5' Large pebble angular dry stiff
				1.5'-2.8' fm sand some silt some small pebble med stiff brown dry.
4	8	3.6	0.0	4.0'-4.8' same as above
				4.8'-5.0' fine sand little small pebble loose, dry.
				5.0'-7.6' silt and fm sand, little pebble, med stiff, dry.

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Boring/Well E 28 Drilling Started — Drilling Completed 6/15/2021

Drilling Contractor Nothnagle Drilling Driller Jeff Schweitzer Helper Jason Earsing

Drilling Fluid Used Dry Drilling Method Direct push

Length and Diameter of Coring Device 4 foot x 2" Sampling Interval 0-2, 2-4, 4-6 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum

Total Depth Drilled 6 feet Hole Diameter — Coring Device

Prepared By K. Stilson Hammer Weight Hammer Drop ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1145	PFAS, 1,4, metal (lead on hold
2 - 3			
3 - 4	2-4	1145	
4 - 5			3 runs
5 - 6	4-6	1145	refusal @ 5'

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.5	0.0	0.0-0.4 silt some med to fine sand, and organic material, dark brown dry. loose.
				0.4-1.9' silt and fine sand ~~trace~~ trace small to med pebble, med stiff brown dry.
				1.9-2.1' silt and fine sand, trace small to med pebble, stiff, brown dry
				2.1-2.7 silt and fmc sand, loose, brown, dry.
				2.7-2.9 - large pebble angular dry stiff.
				2.9-3.5 fmc sand and silt some little small pebble, med stiff brown dry.
4	8	3.6	0.0	4.0-5.3 fmc sand and silt, ~~med~~ loose brown dry
				5.3-5.4 fmc sand some f sand loose light brown dry.
				5.4-6.1 silt some f m sand trace small pebble, stiff brown, ~~dry~~ moist.
				6.1'-7.6' fmc sand and large angular pebble stiff brown dry.

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Boring/Well EB

Drilling Started 7/20 Drilling Completed 7/20

Drilling Contractor Nothnagle Driller Jason Geary Helper Jeff Schweitzer

Drilling Fluid Used None Drilling Method Direct Push

Length and Diameter of Coring Device 2" x 4' Sampling Interval 4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device None

Prepared By K. Stilson Hammer Weight NA Hammer Drop NA ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0945	
2 - 3			
3 - 4	2-4	0950	Metals lead
4 - 5			
5 - 6	[redacted]	[redacted]	

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	3.0	0.0	0.0-0.2 silt and fine sand and organic material
				0.2-2.4 silt and c/m/f sand) trace med pebble. loose moist brown
				2.4-3.0 silt some course sand) trace small pebble. moist brown med stiff.
4	8	3.4	0.0	4.0-silty and f/med sand) loose brown wet.
				4.5-6.3 clay some course sand) low plasticity brown wet stiff. trace med gravel.
				6.3-6.6 m/c sand) little silt loose. brown wet.
				6.6-7.4 clay some course grained sand, trace ~~gravel~~ + gravel wet brown stiff.

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Boring/Well E-17 Drilling Started 7/10 Drilling Completed 7/20

Drilling Contractor Nothnagle Driller Jason Coursing Helper Jeff Schweiter

Drilling Fluid Used None Drilling Method Direct Push

Length and Diameter of Coring Device 2" x 4' Sampling Interval 4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device None

Prepared By K. Stibon Hammer Weight NA Hammer Drop NA ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2			
2 - 3	0-2	0910	TAL Metals, Lead TOC
3 - 4			
4 - 5	2-4	0915	
5 - 6	4-6	0920	

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	2.9	0.0	0.0-0.5 silt and f sand and organic material loose, drk brown moist. 0.5-2.9 silt and f/m sand little course sand and organic material brown moist med stiff. 2.2-2.9 silt and f/m sand ~~little~~ little c sand and med gravel stiff brown moist.
4	8	3.0	0.0	4.0-4.7 silt and fine sand, brown loose moist. 4.7-4.9 med sand some little sand 4.9-6.0 silt, f/m sand, little gravel brown moist med stiff 6.0-7.0 silt little course grained sand, stiff brown moist

DUP-SB (xx-xx)

Soil Boring Log

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Boring/Well E20 - E20A Drilling Started 7/20 Drilling Completed 7/20

Drilling Contractor Nothnagle Driller Jason Gearing Helper Jeff Schweiter

Drilling Fluid Used None Drilling Method Direct Push

Length and Diameter of Coring Device 2" x 4' Sampling Interval 4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device None

Prepared By K. Stilson Hammer Weight NA Hammer Drop NA ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0845	
2 - 3			
3 - 4	2-4	0850	Metals, leads
4 - 5			
5 - 6	4-6	0855	DUP taken here —

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	2.6	0.0	0.0-0.4 silt and f sand and organic material, dark brown moist loose
				0.4-0.8 silt and f sand little organic loose dark brown moist
				0.8-2.0 silt some f/m sand brown moist, med stiff.
				2.0-2.2 M/C sand some f sand trace small gravel brown wet ~~me~~ loose.
				2.2-2.6 silt some c sand trace med grave stiff brown moist.
4	8	3.4	0.1	4.0-4.5 silt some f/c sand, brown moist loose
				4.5-5.1 M/C sand little f sand trace gravel brown loose moist.
				5.1-5.5 silt and f/m sand some c sand, loose brown moist.
				5.5-6.4 silt some coarse grained sand trace grave brown med stiff moist.
				6.4-6.5 c/m sand little f sand ~~trace~~ brown loose moist.
				6.5-7.4 silt little coarse grained sand brown wet.

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Boring/Well E29 Drilling Started 7/20 Drilling Completed 7/20

Drilling Contractor Nothnagle Driller Jason Causing Helper Jeff Schweiker

Drilling Fluid Used None Drilling Method Direct Push

Length and Diameter of Coring Device 2" x 4' Sampling Interval 4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device None

Prepared By K. Stilson Hammer Weight NA Hammer Drop NA ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	0830	
2 - 3			Metals + VOCs
3 - 4	2-4	0835	
4 - 5			
5 - 6	4-6	0840	

Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	2.8	0.0	0.0-1.0 silt and f sand and organic material, dark brown loose moist
				1.0-2.8 silt and f sand little m/c sand trace gravel, brown loose dry.
4	8	4.0	0.0	4.0-4.5 same as above
				4.5-6.2 silt and f/m sand, trace gravel, brown loose, dry
				6.2-8.0 silt some f/c sand trace f gravel brown, med stiff dry.

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Boring/Well C37 Drilling Started 7/20 Drilling Completed 7/20

Drilling Contractor Nothnagle Driller Jason Garsing Helper Jeff Schweiter

Drilling Fluid Used None Drilling Method Direct Push

Length and Diameter of Coring Device 2" x 4' Sampling Interval 4 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Total Depth Drilled 8 feet Hole Diameter — Coring Device None

Prepared By K. Stilson Hammer Weight NA Hammer Drop NA ins.

Sampling Data:

Depth	Grab/Composite	Time	Laboratory Analysis
0 - 1			
1 - 2	0-2	1015	TAL Metal lead SVOC
2 - 3			
3 - 4	2-4	1020	
4 - 5			
5 - 6	4-6	1025	

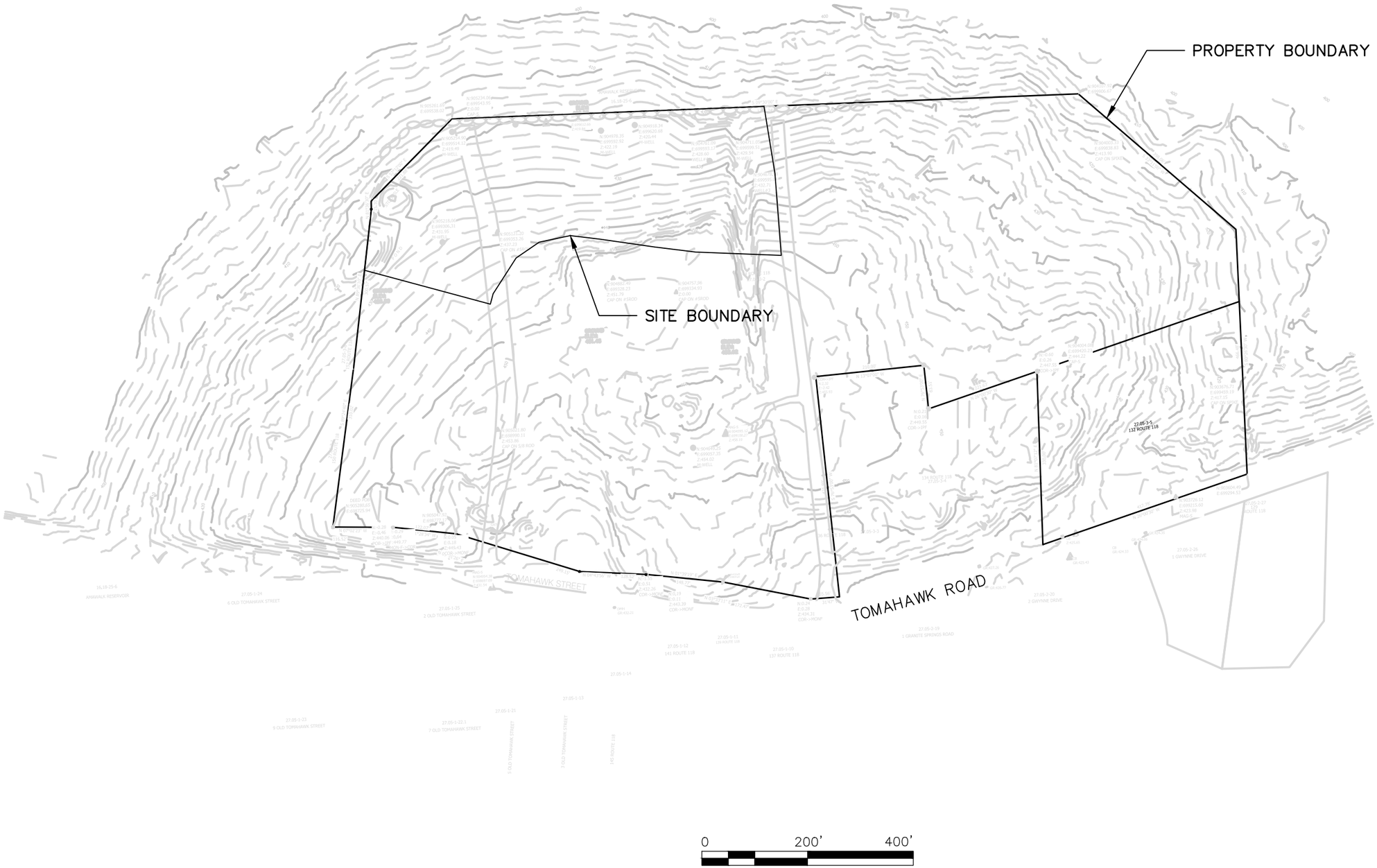
Soil Characterization:

Sample/Core Depth (Feet bgs) From	To	Core Recovery (Feet)	PID Reading (ppm)	Sample/Core Description
0	4	2.8	0.0	0.0-0.2 silt and f grained sand and organic material dk brown
				0.2-1.1 silt and f grained sand little organic material loose moist dk brown
				1.1-2.0 silt and f/m/c sand little organic stiff brown moist.
				2.0-2.8 silt little fine sand little c-sand stiff moist brown.
4	8	3.3	0.0	4.0-5.2 silt some c-sand stiff brown moist
				5.2-5.5 m/f sand trace silt moist loose brown
				5.5-5.7 Med gravel some c/m sand loose brown moist,
				5.7-6.5 m/c sand some f sand trace f gravel loose moist brown
				6.5-7.0 clay and f/m sand trace med pebble, moist brown stiff
				7.0-7.3 f/m/c sand little fine loose brown.

Attachment 2 - Figure 1 – Site Location, 2022

ARCADIS	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION BASIS OF DESIGN REPORT **GRANITE POINTE SUBDIVISION (SITE NO. 360107)**	SITE LOCATION SCALE: NOT TO SCALE	DECEMBER 2022 FIGURE 1

Attachment 3 – Figure 2 – Property and Site Limits, 2022



ARCADIS	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION BASIS OF DESIGN REPORT **GRANITE POINTE SUBDIVISION (SITE NO. 360107)**	PROPERTY AND SITE LIMITS SCALE: NOT TO SCALE
		DECEMBER 2022 FIGURE 2

Attachment 4 – Figure 3 – Selected Soil Analytical Results, Brownfield Cleanup Program/Remedial Investigation, 2022

Amawalk Reservoir

E6-SB	6/15/2021 0-2'	6/15/2021 2-4'	6/15/2021 4-6'
Lead	209	15.9	145
Nickel	19.7	31	14.9
Selenium	1.8 J	4.2 J	1.7 J

MW-2	8/3/2009 0-1'	8/3/2009 1-2'
Acetone	135	ND
4,4'-DDE	0.00422	ND
Lead	1,240	99

MW-1	8/3/2009 0-1'	8/3/2009 1-2'	8/3/2009 2-3'
4,4'-DDE	0.00744	ND	ND
4,4'-DDT	0.00482	ND	ND
Lead	1,110	7.36	6.53
Mercury (total)	243	0.0391	0.0336
Selenium	5.33	4.01	3.69
Silver	1.04	2.90	2.24

E8-SB	7/20/2021 0-2'
Lead	280

E7-SB	6/16/2021 0-2'
Lead	1,910
TCLP Lead	101

N18-SB	6/16/2021 0-2'
Lead	122

E17-SB	7/20/2021 0-2'
Arsenic	37.3
Lead	3,160

MW-5	8/3/2009 0-1'	8/3/2009 1-2'
Acetone	ND	203
Chromium, Hexavalent	2.16	ND
4,4'-DDE	0.00441	ND
Lead	99	22
Manganese	2,150	869
Mercury (total)	0.219	0.069

N17-SB	7/20/2021 0-2'
4,4'-DDE	0.0049
PFOA	0.0029

N16-SB	6/16/2021 2-4'
4,4'-DDE	0.0048

E9-SB	6/15/2021 0-2'
Lead	133
Benzo[a]anthracene	4.1 H
Benzo[a]pyrene	3.7 H
Benzo[b]fluoranthene	4.3 H
Benzo[k]fluoranthene	1.7 H
Chrysene	4.1 H
Indeno[1,2,3-cd]pyrene	2.2 H

E37-SB	7/20/2021 0-2'
Lead	274

EX-SW-67	8/30/2016 1.5'
Lead	830

EX-SW-62	8/30/2016 2.5'
Lead	1,300

EX-SW-60	8/30/2016 2.5'
Lead	140

EX-SW-58	8/30/2016 2.5'
Lead	470

EX-SW-71	8/30/2016 2.5'
Lead	590

EX-SW-75	8/30/2016 3.0'
Lead	270

EX-SW-79	8/30/2016 3.0'
Lead	290

E18-SB	6/16/2021 0-2'
Arsenic	36.9
Lead	8,870
TCLP Lead	133

EX-SW-53	8/30/2016 3.5'
Lead	92

MW-13	7/7/2021 5-7'
Arsenic	1,420
Lead	34,900
Silver	11.9

EX-SW-41	8/30/2016 3.5'
Lead	3,600

E19-SB	6/16/2021 0-2'	6/16/2021 4-6'
Lead	704	124
TCLP Lead	246	NA

EX-SW-45	8/30/2016 2.5'
Lead	820

EX-SW-35	8/30/2016 1.5'
Lead	1,900

EX-SW-31	8/30/2016 1.5'
Lead	3,900

EX-SW-28	8/30/2016 0.5'
Lead	2,400

MW-6	8/4/2009 0-1'	8/4/2009 1-2'	8/4/2009 3-4'
Arsenic	54.4	4.41	4.75
Chromium, Trivalent	13.6	13.7	91.3
Lead	10,100	591	6.89
Mercury (total)	0.191	0.0245	0.023

E20-SB	7/20/2021 0-2'	7/20/2021 4-6'
Lead	137	143
Zinc	50.8	119

E32-SB	6/15/2021 0-2'
Manganese	2,830 B

MW-4	8/3/2009 0-1'	8/3/2009 1-2'	8/3/2009 2-3'	8/3/2009 4-5'
Benzo(a)anthracene	1,470	ND	ND	ND
Benzo(a)pyrene	1,830	ND	ND	ND
Benzo(b)fluoranthene	1,720	ND	ND	ND
Benzo(g,h,i)perylene	1,010	ND	ND	ND
Chrysene	2,110	ND	ND	ND
Copper	17.8	12.5	29.8	88.2
4,4'-DDT	ND	0.00707	ND	ND
Dibenz(a,h)anthracene	504	ND	ND	ND
Indeno(1,2,3-cd) pyrene	900	ND	ND	ND
Nickel	15.1	12.6	20.7	37.5
Lead	633	216	17.9	8.24
Selenium	4.99	4.55	4.15	2.81

MW-3	8/3/2009 1-2'	8/3/2009 2-3'	8/3/2009 3-4'	8/3/2009 4-5'	8/3/2009 5-6'
Chromium, Trivalent	17.4	32.5	17.4	1.34	3.19
Lead	75.1	4.69	3.2	1.69	2.39
Selenium	4.79	4.24	4.29	4.07	3.95
Silver	0.697	4.21	6.88	11.2	12.5
Zinc	69.7	59.7	87.2	182	179

E29-SB	7/20/2021 2-4'	7/20/2021 4-6'
Lead	16.4	178
Manganese	4,360 B	586 B
Nickel	36.6	20.2

S3-SB	7/20/2021 0-2'
PFOA	0.0014

BG6	12/14/2004 0-1'
Lead	609

E16-SB	6/15/2021 0-2'
Lead	136

MW-9	7/7/2021 0-2'
PFOA	0.00086

BG3	12/14/2004 0-1'
Lead	84.3

E38-SB	7/20/2021 0-2'
Manganese	2,560 B

E21-SB	6/15/2021 0-2'
Lead	324
Mercury	0.2

E27-SB	6/15/2021 0-2'
Zinc	149 F1

E34-SB	6/15/2021 0-2'
Zinc	171

N

0 175 350 700 1,050 1,400 Feet

Legend

- East Area Soil Boring
- North Area Soil Boring
- South Area Soil Boring
- Existing Monitoring Well
- Well Abandoned in Place
- Side Wall Sample
- Approximate Historical Boring Location
- Approximate Extent of Area Exceeding SCO Lead (Surface Soil)
- Approximate Extent of Area Exceeding SCO Lead (Subsurface Soil)
- Former Structure
- Property
- Approximate Limits of Site
- Approximate Area of Excavation
- Approximate Shotfall Area

Results are in milligram per kilogram (mg/kg).
Concentrations that exceed the Unrestricted Use Soil Cleanup Objectives are highlighted in yellow.
B - Compound was found in the blank and sample.
F1 - MS and/or MSD recovery exceeds control limits.
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
ND - Not detected

Location	
Date Sample Depth	
Analyte	Result

Analyte	Unrestricted Use Soil Cleanup Guidance Value
PFOA	0.00066
PFOS	0.00088

Analyte	Unrestricted Use Soil Cleanup Limits
Arsenic	13
Benzo[a]anthracene	1.0
Benzo[a]pyrene	1.0
Benzo[b]fluoranthene	1.0
Benzo[k]fluoranthene	0.8
Chrysene	1.0
Copper	50
4,4'-DDE	0.0033
4,4'-DDT	0.0033
Indeno[1,2,3-cd]pyrene	0.5
Lead	63
Manganese	1,600
Total Mercury	0.18
Nickel	30
Selenium	3.9
Silver	2.0
Zinc	109

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION SITE # 360107
GRANITE POINTE SUBDIVISION, SOMERS, NEW YORK

PRE-DESIGN STUDY

SELECT SOIL ANALYTICAL RESULTS BROWNFIELD CLEANUP PROGRAM/ REMEDIAL INVESTIGATION

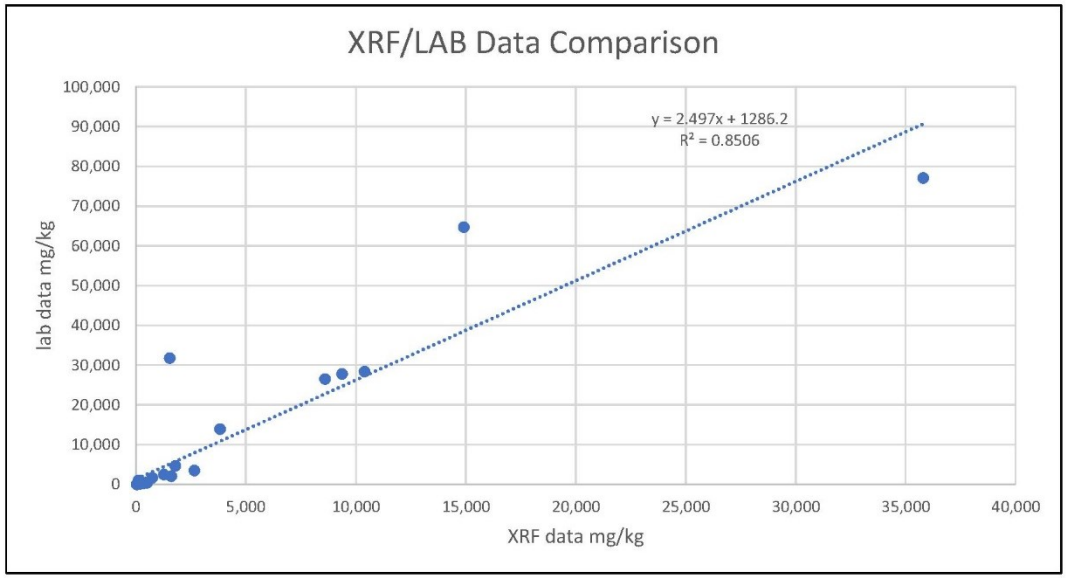
ARCADIS

FIGURE 3

City: Clifton Park Div/Group: ENV Created By: D.Giroux Last Saved By: Giroux
Project 30055617
T:_ENV\NYSDEC\Granite Pointe\mxd\Figure 3 - BCP RDI Soil Boring Exceedances BOD.mxd 11/7/2022 2:38:10 PM

Attachment 5 – Figure 4 – XRF Data Correlation 2022

ID	date	depth ft bgs	total lead XRF (mg/kg)	total lead LAB (mg/kg)
A-15	12/14/2004	0-1	14,918	64,700
A-37	12/16/2004	0-1	755	1,690
A-40	12/16/2004	0-1	125	158
B-39	12/16/2004	0-1	89	71.6
B-41	12/23/2004	0-1	344	279
C-13	12/14/2004	0-1	8,610	26,500
C-26	12/14/2004	0-1	1,542	31,800
D-33	12/16/2004	0-1	503	578
E-19	12/14/2004	0-1	35,798	77,100
E-19	1/21/2005	1.5	1,280	2,500
E-34	12/14/2004	0-1	123	1,040
E-40	12/23/2004	0-1	120	378
E-40	12/29/2004	1.5	39	11.8
F-18	12/14/2004	0-1	10,405	28,400
G-9	12/14/2004	0-1	1,802	4,680
G-29	12/14/2004	0-1	519	433
G-39	12/23/2004	0-1	87	201
G-39	12/29/2004	1.5	38	5.92
H-32	12/15/2004	0-1	303	366
H-38	12/23/2004	0-1	195	279
H-38	12/29/2004	1.5	93	66.8
I-17	12/15/2004	0-1	2,665	3,500
J-31	12/15/2004	0-1	218	256
J-31	12/29/2004	1.5	44	3.27
J-36	12/23/2004	0-1	216	341
J-36	12/29/2004	1.5	117	61.6
K-18	12/15/2004	0-1	9,384	27,800
K-28	12/15/2004	0-1	3,834	13,900
L-27	12/15/2004	0-1	137	233
L-28	12/15/2004	0-1	132	223
L-35	12/23/2004	0-1	215	716
L-35	12/29/2004	1.5	47	5.01
M-15	12/15/2004	0-1	1,616	2,110
N-33	12/23/2004	0-1	329	456
O-11	12/16/2004	0-1	132	154
O-11	12/29/2004	1.5	162	88.9
O-13	12/16/2004	0-1	68	90.7
O-13	12/29/2004	1.5	41	23.7
Track 1 SCO lead				63 mg/kg



Note: X-Ray Fluorescence (XRF) and lab data from Proposed Granite Pointe Subdivision - Supplemental Environmental Site Assessment Report, prepared by GES, May 2005

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION SITE # 360107
GRANITE POINTE SUBDIVISION, SOMERS, NEW YORK
PRE-DESIGN STUDY

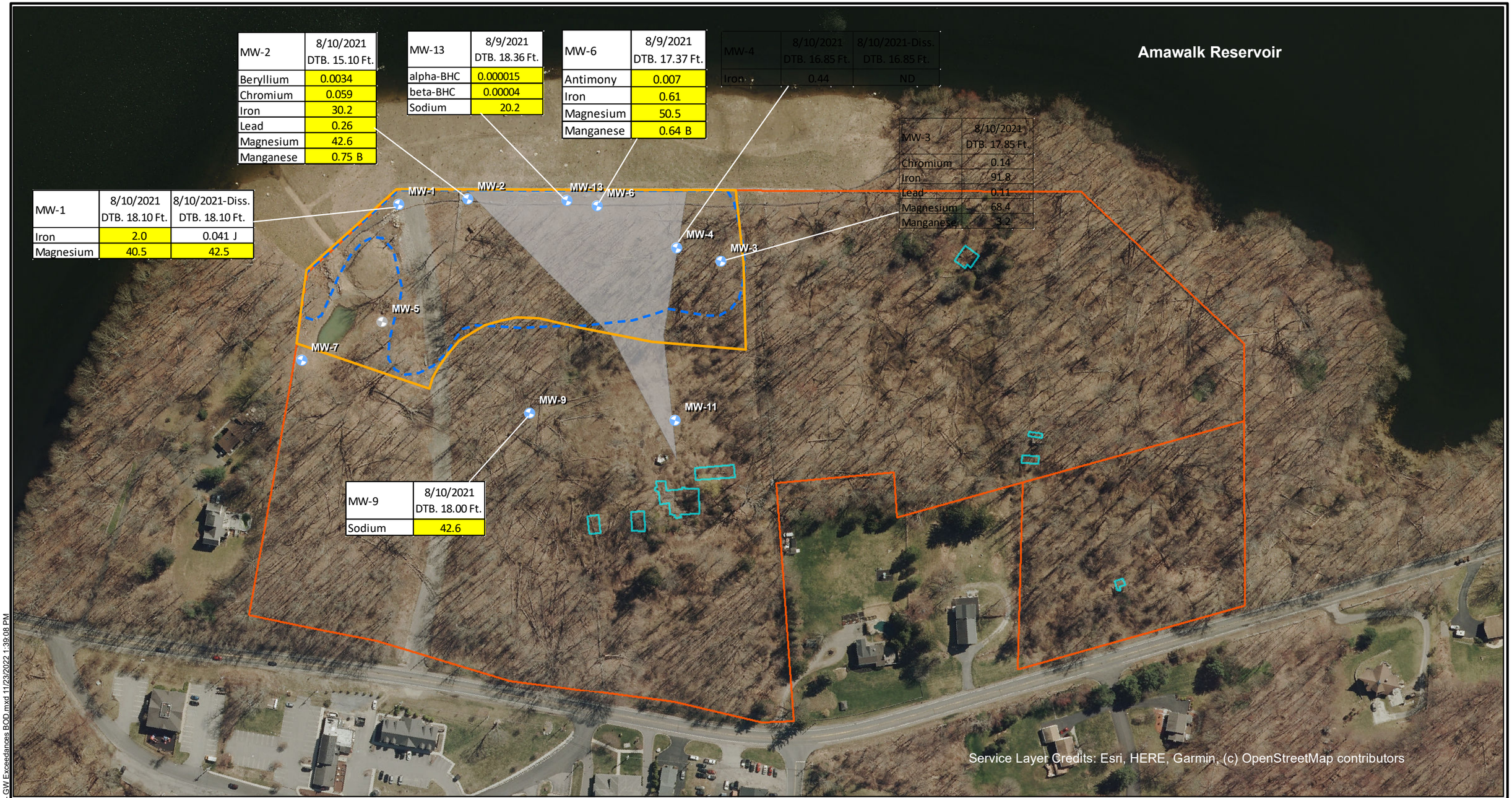
XRF DATA CORRELATION

ARCADIS

FIGURE
4

G:\PROJECT\00266428.0000\FILE\GP Onsite\Site Data from NYSDEC\Onsite files\XRF-LAB Data Comparison 2004.ppt

Attachment 6 – Figure 5 – Remedial Design Investigation Groundwater Exceedances, 2022



MW-2	8/10/2021 DTB. 15.10 Ft.
Beryllium	0.0034
Chromium	0.059
Iron	30.2
Lead	0.26
Magnesium	42.6
Manganese	0.75 B

MW-13	8/9/2021 DTB. 18.36 Ft.
alpha-BHC	0.000015
beta-BHC	0.00004
Sodium	20.2

MW-6	8/9/2021 DTB. 17.37 Ft.
Antimony	0.007
Iron	0.61
Magnesium	50.5
Manganese	0.64 B

MW-4	8/10/2021 DTB. 16.85 Ft.	8/10/2021-Diss. DTB. 16.85 Ft.
Iron	0.44	ND

MW-3	8/10/2021 DTB. 17.85 Ft.
Chromium	0.14
Iron	91.8
Lead	0.11
Magnesium	68.4
Manganese	3.2

MW-1	8/10/2021 DTB. 18.10 Ft.	8/10/2021-Diss. DTB. 18.10 Ft.
Iron	2.0	0.041 J
Magnesium	40.5	42.5

MW-9	8/10/2021 DTB. 18.00 Ft.
Sodium	42.6

Analyte	NYS Class GA Standards and Guidance Values
alpha-BHC	0.00001
Antimony	0.003
Beryllium	0.003
beta-BHC	0.00004
Chromium	0.05
Iron	0.3
Lead	0.025
Magnesium	35
Manganese	0.3
Sodium	20

Legend

- Existing Monitoring Well
- Well Abandoned in Place
- Approximate Limits of Site
- Brownfield Cleanup Program Former Limits of Excava
- Former Structure
- Property
- Approximate Shotfall Area

Location	Date
	Depth to Bottom Ft. BGS
Analyte	Result

0 125 250 500 750 1,000 Feet

Notes
Results are in milligrams per liter (mg/L).
Concentrations that exceed the New York State Class GA Standards and Guidance Values are highlighted in yellow.
Diss. - Dissolved
Ft. BGS - Feet Below Ground Surface
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
ND - Non-detect

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
SITE # 360107
GRANITE POINTE SUBDIVISION, SOMERS, NEW YORK
BASIS OF DESIGN REPORT

REMEDIAL DESIGN INVESTIGATION GROUNDWATER EXCEEDANCES

ARCADIS

FIGURE 5

City: Clifton Park Div/Group: ENV Created By: D.Giroux Last Saved By: Giroux
Project 30055617
T:_ENV\NYSDEC\Granite Pointe\mxd\Figure 5 - GW Exceedances BOD.mxd 11/23/2022 1:39:08 PM

Attachment 7 – Soil Sample Analytical Results [Tables], 2022

Location	Unrestricted Use Soil Cleanup Objectives	E5-SB			E6-SB				E7-SB				E8-SB		
Sample Depth (ft)		(0'-2')	(2'-4')	(4'-6')	(0'-2')	(2'-4')	(4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')
Sample Date		6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/16/2021	6/16/2021	6/16/2021	6/16/2021	7/20/2021	7/20/2021	7/20/2021
Metals (mg/kg)															
Aluminum	--	15,300	17,400	15,100	19,800	13,700 J	13,800 JH	14,700	16,800 J	17,300 J	15,700 J	15,100	17,100 J	11,100 J	14,900
Antimony	--	16.4 U	16.8 U	17 U	18.8 U	18 UJ	18.5 U	16.6 U	6.4 J	16.3 U	16.3 U	17.3 U	16.4 UJ	17.5 U	18.4 U
Arsenic	13	4.7	5.8	8.5	3.6	5.8	4.2 J	5.2 J	9.2 J	6.6 J	5.2 J	5.2 J	5.1 J	4.3 J	7.1 J
Barium	350	69.3	72.7	77.6	75	57.6 ^6+	55.6 ^6+	80.8 R	62.2 ^6+	90.3 ^6+	91.8 ^6+	104 R	62.3 F1	57	87.7 R
Beryllium	7.2	0.51	0.6	0.62	0.7	0.74	0.47	0.6	0.52	0.7 J	0.63 J	0.62	0.51 JH	0.41 JH	0.66
Cadmium	2.5	0.15 J	0.16 J	0.13 J	0.2 J	0.28	0.2 J	0.2 J	0.16 J	0.14 J	0.13 J	0.22 J	0.15 J	0.13 J	0.25
Calcium	--	1,180 JH	779 JH	990 JH	944 JH	812 B	959 JH	3,610 JH	1,150	1,380	1,930	2,340 JH	1,400 JH	1,570 JH	1,730 JH
Chromium	30	17.6	20.8	17.5	17.9	20.5 J	15.7	16	18	20.5 J	19.7 J	19.3	17.4 J	11.6 J	18.7
Cobalt	--	10.5	12.2	13.8	9.6	10.8	8.5	12.9 JH	11.9	13.7	17.1	12.5 JH	11.1	10.1	13.8 JH
Copper	50	24.5 J	27.3 J	25.7 J	11.3 J	30.6 J	14.7 JH	22.6 JL	14.4 J	28.9	24.9	24.2 JL	22.2 J	18.8 J	26.9 JL
Iron	--	23,300 JH	30,200 JH	27,500 JH	23,800 JH	47,800 JH	20,300 JH	27,800 JH	21,200	29,300	26,100	26,600 JH	24,500 J	19,100 J	27,800 JH
Lead	63	12.5 J	13.2 J	17.6 J	209 J	15.9 J	145 JH	14.9 R	1,910	15.6	13.1	12.5 R	280 J	10.8 J	22.2 R
Magnesium	--	4,830 JH	6,330 JH	5,540 JH	3,970 JH	3,810	4,020 JH	5,320	3,850	5,800	5,770	5,890	5,390	4,060	5,460
Manganese	1,600	570 JH	558 JH	561 JH	948 JH	634 JH	634 JH	603 JH	560 JH	619 JH	717 JH	726 JH	562 JH	472 JH	978 JH
Mercury	0.18	0.013 J	0.023 U	0.014 J	0.052	0.019 J	0.021 JL	0.019 JL	0.056	0.024	0.021 J	0.019 JL	0.017 J	0.011 J	0.025 JL
Nickel	30	20	26	27.7	19.7	31	14.9	27.6	17.3	28.6	26.3	26.1	22.6	17.9	28.2
Potassium	--	1,990 J	2,360 J	2,550 J	891 J	1,610 J	1,600 J	2,250	1,300 J	2,880 J	2,850 J	2,770	2,120 JH	1,340 JH	2,760
Selenium	3.9	1.9 J	2.5 J	2.2 J	1.8 J	4.2 J	1.7 J	4.4 UJ	0.56 J	4.3 UJ	4.3 UJ	4.6 UJ	1.9 J	1.0 J	4.9 UJ
Silver	2.0	0.66 U	0.67 U	0.68 U	0.75 U	0.72 U	0.74 U	0.66 U	0.36 J	0.39 J	0.33 J	0.69 U	0.66 U	0.7 U	0.74 U
Sodium	--	97.2 J	65.9 J	58.8 J	72.5 J	68 J	65.9 J	155 U	88.1 J	68.6 J	89.2 J	161 U	92.9 J	102 J	172 U
Thallium	--	6.6 U	6.7 U	6.8 U	7.5 U	7.2 U	7.4 UJ	6.6 U	7.3 U	6.5 U	6.5 U	6.9 U	6.6 UJ	7.0 UJ	7.4 U
Vanadium	--	26.9	26.6	20.3	27	32.7	24	22.2 JL	28.5	28.5	24.9	25.1 JL	24.1	18	23.4 JL
Zinc	109	52.8	61.7	68.2	72.6	96 J	43.9	63.8 JL	60.6	60.7	59.3	59.2 JL	52.4 JH	36.2 JH	60.6 JL
TCLP Lead (mg/L)															
TCLP Lead	--	NA	NA	NA	NA	NA	NA	NA	101 JH	NA	NA	NA	NA	NA	NA
Percent Moisture	--	11.8	11.5	13.7	15.9	12.8	17.3	11.5	16.6	12.1	12.3	12.8	12.2	10.3	13.5
Percent Solid	--	88.2	88.5	86.3	84.1	87.2	82.7	88.5	83.4	87.9	87.7	87.2	87.8	89.7	86.5
Total Organic Carbon (mg/kg)	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Concentrations detected above the NYSDEC (New York State Department of Environmental Conservation) 6 NYCRR (New York Codes, Rules and Regulations) Part 375 Unrestricted Use Soil Cleanup objective are highlighted in yellow.

Definitions:

mg/Kg - milligrams per kilogram.

mg/L - milligrams per liter.

^6+ - Interference check standard is outside acceptance limits, high biased.

B - The compound was found in the associated blank as well as in the sample.

F1 - Matrix spike and/or matrix spike duplicate recovery exceeds control limits.

ft - Feet.

H - Sample was prepped or analyzed beyond the specified holding time.

J - The concentration is an approximate value.

JH - The concentration is estimated high.

JL - The concentration is estimated low.

NA - The compound was not analyzed for.

R - The compound was outside of quality control limits in the laboratory control sample.

TCLP - Toxicity Characteristic Leaching Procedure.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Location	Unrestricted Use Soil Cleanup Objectives	E9-SB			E16-SB			E17-SB				E18-SB		
Sample Depth (ft)		(0'-2')	(2'-4')	(4'-6')	(0'-2')	(2'-4')	(4'-6')	(0'-2')	(2'-4')	(4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')
Sample Date		6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	6/16/2021	6/16/2021	6/16/2021
Metals (mg/kg)														
Aluminum	--	17,900	13,900	10,500 JH	18,600	15,500	14,900 JH	15,600 J	16,500 J	13,700 J	14,100	13,300 J	14,600 J	12,200 J
Antimony	--	17.9 U	17.1 U	17.4 U	0.8 J	16.4 U	16.5 U	68.1 JH	18.5 U	16.8 U	16.5 U	61.9	17 U	16.7 U
Arsenic	13	5.1	3.8	4.1 J	5.1	5.1	4.8 J	37.3 J	4.0 J	5.4 J	8.3 J	36.9 J	5.1 J	4.5 J
Barium	350	57.8	55.4	56.8 ^6+	82.8	71	78.1 ^6+	43.7	83.6	85.1	82.6 R	35.5 ^6+	124 ^6+	77.2 ^6+
Beryllium	7.2	0.52	0.42	0.41	0.66	0.54	0.57	0.42 JH	0.48 JH	0.51	0.56	0.38 J	0.56 J	0.49 J
Cadmium	2.5	0.14 J	0.14 J	0.19 J	0.16 J	0.15 J	0.21 J	0.11 J	0.16 J	0.15 J	0.22	0.14 J	0.19 J	0.17 J
Calcium	--	901 JH	1,190 JH	2,150 JH	1,280 JH	1,100 JH	1,340 JH	2,060 JH	1,600 JH	1,330 JH	2,150 JH	1,020	1,510	2,150
Chromium	30	18.1	16.1	13.3	17	17.7	18.2	16	15.1	17.1	16.9	13.7 J	16.2 J	15.6 J
Cobalt	--	9.4	8.6	8.6	8.7	11.6	11.5	7.2	10.2	10.3	13 JH	7.3	14.1	10.9
Copper	50	15.1 J	18.4 J	24.1 JH	16.3 J	24.2 J	23 JH	18.2 J	22.4 J	26.1	24.8 JL	17.2	23.5	21
Iron	--	23,800 JH	23,700 JH	20,300 JH	21,400 JH	26,700 JH	24,200 JH	20,600 J	23,200 J	28,000 J	28,800 JH	18,400	25,000	23,100 J
Lead	63	133 J	9.9 J	11.3 JH	136 J	13.9 J	23.5 JH	3,160 J	13.3 J	14.9 J	13.6 R	8,870	17.9	19.3
Magnesium	--	4,800 JH	5,200 JH	4,570 JH	3,830 JH	6,020 JH	5,460 JH	3,400	5,280	5,520	5,890	3,530	5,500	5,200
Manganese	1,600	609 JH	544 JH	545 JH	854 JH	702 JH	585 JH	553 JH	482 JH	437 JH	665 JH	769 JH	716 JH	542 JH
Mercury	0.18	0.055	0.015 J	0.013 JL	0.033	0.021 J	0.014 JL	0.075	0.014 J	0.018 J	0.017 JL	0.099	0.019 J	0.017
Nickel	30	18.3	21.6	20.4	16.8	25.4	22.6	11.8	16.2	25.4	24.5	13.8	25.1	22.2
Potassium	--	1,040 J	1,530 J	1,700 J	1,170 J	1,990 J	2,310 J	1,240 JH	3,190 JH	1,630 JH	2,370	1,260 J	3,060 J	2,220 J
Selenium	3.9	2.1 J	1.9 J	1.4 J	1.7 J	2.1 J	2.0 J	1.4 J	1.2 J	2.3 J	4.4 UJ	4.9 UJ	4.5 UJ	4.5 UJ
Silver	2.0	0.72 U	0.68 U	0.69 U	0.74 U	0.65 U	0.66 U	0.82 UJ	0.74 UJ	0.67 UJ	0.66 U	0.51 J	0.33 J	0.32 J
Sodium	--	72.2 J	77.5 J	107 J	79 J	67.8 J	75.7 J	133 J	110 J	64.2 J	154 U	74.3 J	79.2 J	86.6 J
Thallium	--	7.2 U	6.8 U	6.9 UJ	7.4 U	6.5 U	6.6 UJ	8.2 UJ	7.4 UJ	6.7 U	6.6 U	7.3 U	6.8 U	6.7 U
Vanadium	--	28.1	22.7	20.7	27.1	24.8	23.4	28.5	32.1	21.6	24.7 JL	25.4	23.9	21.4
Zinc	109	59.1	46.1	42.2	94.9	53.3	57.1	51.3 JH	45.8 JH	57.1 JH	60.6 JL	50.7	55.2	52
TCLP Lead (mg/L)														
TCLP Lead	--	NA	NA	NA	NA	NA	NA	8.9 J	NA	NA	NA	133 J	NA	NA
Percent Moisture	--	18.7	8.3	8.8	21.5	12.2	12.3	24.2	14.9	9.9	9.8	15.3	11.9	11.2
Percent Solid	--	81.3	91.7	91.2	78.5	87.8	87.7	75.8	85.1	90.1	90.2	84.7	88.1	88.8
Total Organic Carbon (mg/kg)	--	NA	NA	NA	NA	NA	NA	7990	3180	2150	NA	NA	NA	NA

Notes:

Concentrations detected above the NYSDEC (New York State Department of Environmental Conservation) 6 NYCRR (New York Codes, Rules and Regulations) Part 375 Unrestricted Use Soil Cleanup objective are highlighted in yellow.

Definitions:

mg/Kg - milligrams per kilogram.

mg/L - milligrams per liter.

^6+ - Interference check standard is outside acceptance limits, high biased.

B - The compound was found in the associated blank as well as in the sample.

F1 - Matrix spike and/or matrix spike duplicate recovery exceeds control limits.

ft - Feet.

H - Sample was prepped or analyzed beyond the specified holding time.

J - The concentration is an approximate value.

JH - The concentration is estimated high.

JL - The concentration is estimated low.

NA - The compound was not analyzed for.

R - The compound was outside of quality control limits in the laboratory control sample.

TCLP - Toxicity Characteristic Leaching Procedure.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Location	Unrestricted Use Soil Cleanup Objectives	E19-SB				E20-SB					E21-SB			E28-SB		
Sample Depth (ft)		(0'-2')	(2'-4')	(4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')	DUP (4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')	(0'-2')	(2'-4')	(4'-6')
Sample Date		6/16/2021	6/16/2021	6/16/2021	6/16/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021	6/15/2021
Metals (mg/kg)																
Aluminum	--	16,500 J	8,530 J	13,700 J	12,300 JH	19,300 J	12,000 J	11,500 J	10,500 J	11,500	17,700	15,100	15,600	17,500	14,300	12,500
Antimony	--	2.6 J	15.9 UJ	17.5 U	18 U	17.6 U	16.8 U	17.1 U	16 U	16.1 U	1.6 J	17.1 U	16.9 U	18 U	17.8 U	17.6 U
Arsenic	13	5.3 J	2.8 J	4.7	7.2 J	4.9 J	4.5 J	4.9 J	4.5 J	4.1 J	7.4	4.4	5.0	5.0	4.7	3.1
Barium	350	58.2 ^6+	47.6 J	68.8 ^6+	72.6 ^6+	70.4	74.7	65.9	62.7	63.6 R	185	59.9	78.7	70.8	50.1	56.9
Beryllium	7.2	0.52 J	0.28 J	0.46 J	0.52	0.56 JH	0.48 JH	0.44 JH	0.42 JH	0.44	0.67	0.46	0.52	0.51	0.46	0.34
Cadmium	2.5	0.13 J	0.087 J	0.14 J	0.21 J	0.14 J	0.21 J	0.24	0.21	0.22	0.39	0.15 J	0.14 J	0.14 J	0.12 J	0.12 J
Calcium	--	1,270	4,010 JL	1,820	3,730 JH	1,200 JH	1,730 JH	3,000 JH	2,730 JH	2,190 JH	11,500 JH	1,980 JH	1,170 JH	1,110 JH	1,240 JH	1,850 JH
Chromium	30	16.2 J	9.0 J	21.5 J	13.5	19.4 J	14.1	11.4	10.2	12.4	28.1	21.9	19	16.9	15.1	17.9
Cobalt	--	6.8	9.5	10.7	11.4	10.5	9.4	8.9	8.5	6.6 JH	6.9	10.6	10.7	10.9	9.0	9.4
Copper	50	10.8	19.3 J	19.9 J	26.9 JH	18.1 J	20.3 J	21 J	26.3 J	17.1 JL	14.5 J	17 J	24.6 J	17.3 J	18.5 J	15.5 J
Iron	--	18,900	15,100 J	22,100 JH	27,600 JH	23,600 J	22,700 J	21,100 J	21,500 J	23,800 JH	18,400 JH	21,800 JH	27,600 JH	23,500 JH	22,100 JH	20,000 JH
Lead	63	704	7.1 JH	124	11.1 JH	137 J	10.4 J	143 J	69.4 J	9.6 R	324 J	9.3 J	11.9 J	11.8 J	11.9 J	5.6 J
Magnesium	--	3,480	2,820 J	4,470	5,960 JH	5,040	4,770	4,640	4,300	4,990	8,290 JH	5,300 JH	6,110 JH	4,670 JH	4,680 JH	6,960 JH
Manganese	1,600	469 JH	500 JH	627 JH	609 JH	560 JH	796 JH	602 JH	564 JH	749 JH	722 JH	434 JH	543 JH	658 JH	494 JH	330 JH
Mercury	0.18	0.058	0.012 J	0.019 J	0.01 JL	0.094	0.018 J	0.017 J	0.017 J	0.0069 JL	0.2	0.02 J	0.018 J	0.018 J	0.014 J	0.022 U
Nickel	30	12.9	14.1 J	18.6	20.1	21.1	20.3	17.3	13.6	21.3	14.9	16.1	25.1	18.8	16.4	23.6
Potassium	--	984 J	1,540 JH	1,760 J	2,830 J	1,840 JH	1,680 JH	2,140 JH	2,240 JH	1,750	968 J	1,730 J	2,160 J	1,440 J	1,450 J	1,920 J
Selenium	3.9	0.59 J	4.2 UJ	4.7 UJ	2.2 J	1.5 J	1.6 J	1.3 J	1.5 J	4.3 UJ	1.9 J	1.7 J	2.1 J	2.1 J	1.6 J	1.4 J
Silver	2.0	0.28 J	0.27 J	0.27 J	0.72 U	0.71 U	0.67 UJ	0.69 UJ	0.64 UJ	0.65 U	0.26 JH	0.68 U	0.68 U	0.72 U	0.71 U	0.7 U
Sodium	--	103 J	96.6 J	125 J	174	92 J	88.4 J	94.6 J	89.4 J	151 U	177	121 J	69.7 J	93.8 J	82.6 J	55.6 J
Thallium	--	7.3 U	6.4 U	7.0 U	7.2 UJ	7.1 UJ	6.7 UJ	6.9 UJ	6.4 UJ	6.5 U	7.5 U	6.8 U	6.8 U	7.2 U	7.1 U	7.0 U
Vanadium	--	27.6	17.2 J	28.5	34.5	29.5	20.7	19.3	18.2	17 JL	27.5	35.1	26	31.7	27	25
Zinc	109	54.9	28.7	55.7	55.8	50.8 JH	42.3 JH	119 JH	204 JH	49 JL	97.9	58.4	58.2	43.8	39.5	47.3
TCLP Lead (mg/L)																
TCLP Lead	--	246 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Moisture	--	12.9	10.8	14	12.4	17.2	10.7	10.4	7.9	10.2	23.5	12.2	10.6	14.9	13.1	12.2
Percent Solid	--	87.1	89.2	86	87.6	82.8	89.3	89.6	92.1	89.8	76.5	87.8	89.4	85.1	86.9	87.8
Total Organic Carbon (mg/kg)	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Concentrations detected above the NYSDEC (New York State Department of Environmental Conservation) 6 NYCRR (New York Codes, Rules and Regulations) Part 375 Unrestricted Use Soil Cleanup objective are highlighted in yellow.

Definitions:

mg/Kg - milligrams per kilogram.

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^6+ - Interference check standard is outside acceptance limits, high biased.

B - The compound was found in the associated blank as well as in the sample.

F1 - Matrix spike and/or matrix spike duplicate recovery exceeds control limits.

ft - Feet.

H - Sample was prepped or analyzed beyond the specified holding time.

J - The concentration is an approximate value.

JH - The concentration is estimated high.

JL - The concentration is estimated low.

NA - The compound was not analyzed for.

R - The compound was outside of quality control limits in the laboratory control sample.

TCLP - Toxicity Characteristic Leaching Procedure.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Location	Unrestricted Use Soil Cleanup Objectives	E29-SB				E37-SB			N18-SB		
Sample Depth (ft)		(0'-2')	(2'-4')	(4'-6')	(6'-8')	(0'-2')	(2'-4')	(4'-6')	(0'-2')	(2'-4')	(4'-6')
Sample Date		7/20/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	7/20/2021	6/16/2021	6/16/2021	6/16/2021
Metals (mg/kg)											
Aluminum	--	19,300 J	15,700 J	14,800 J	11,300	18,700 J	15,100 J	13,900 J	18,400 J	12,600 J	16,800 JH
Antimony	--	17.3 U	17.5 U	16.7 U	16.7 U	19.4 U	17.5 U	17.3 U	1.5 J	16.6 U	18 U
Arsenic	13	3.4 J	6.5 J	4.6 J	5.2 J	7.4 J	4.8 J	4.9 J	5.5	4.5	6.6 J
Barium	350	65.3	206	51.5	61 R	58.5	70.8	70.6	79.4 ^6+	70.3 ^6+	94.2 ^6+
Beryllium	7.2	0.51 JH	0.55 JH	0.45 JH	0.45	0.58	0.53	0.47	0.63	0.49	0.69
Cadmium	2.5	0.16 J	1.0	0.15 J	0.2 J	0.19 J	0.16 J	0.17 J	0.12 J	0.13 J	0.22 J
Calcium	--	1,700 JH	1,110 JH	1,660 JH	1,950 JH	886 JH	935 JH	1,850 JH	1,110	894	978 JH
Chromium	30	23.2	17.5	18.5	15.1	18.2	17.4	24	17.1	13	18.8
Cobalt	--	10.4	15.1	9.9	10.7 JH	9.9	10.8	9.9	11.8	10.9	14.5
Copper	50	11.3 J	27.1 J	21.7 J	23.9 JL	17.3	22	23.7	13 J	23.3 J	27.8 JH
Iron	--	23,200 J	24,000 J	24,300 J	23,700 JH	26,900 J	23,800 J	22,600 J	20,700 JH	22,000 JH	29,700 JH
Lead	63	11.5 J	16.4 J	178 J	11.5 R	274 J	11.2 J	36.4 J	122	12.5	20.2 JH
Magnesium	--	6,080	4,700	5,790	4,570	4,130	4,870	5,590	3,670	4,450	6,230 JH
Manganese	1,600	484 JH	4,360 JH	586 JH	601 JH	849 JH	548 JH	527 JH	812 JH	581 JH	918 JH
Mercury	0.18	0.026	0.022	0.028	0.021 JL	0.079	0.016 J	0.022	0.036	0.017 J	0.021 JL
Nickel	30	16.9	36.6	20.2	21	17.8	21.6	22.2	18.9	20.7	29.3
Potassium	--	1,500 JH	1,480 JH	1,290 JH	1,770	942 JH	2,010 JH	2,090 JH	1,390 J	1,950 J	2,530 J
Selenium	3.9	1.4 J	1.3 J	1.4 J	4.5 UJ	2.3 J	1.6 J	1.4 J	0.89 J	4.4 UJ	2.2 J
Silver	2.0	0.69 UJ	0.7 UJ	0.67 UJ	0.67 U	0.78 UJ	0.7 UJ	0.69 UJ	0.43 J	0.35 J	0.72 U
Sodium	--	135 J	89.9 J	103 J	156 U	72.9 J	74.4 J	88.2 J	76.7 J	69.2 J	64.3 J
Thallium	--	6.9 UJ	7.0 UJ	6.7 UJ	6.7 U	7.8 U	7.0 U	6.9 U	7.1 U	6.6 U	7.2 UJ
Vanadium	--	32.9	35.5	24.4	20.7 JL	33.9	22.4	25	25.6	21.1	22.7
Zinc	109	55.9 JH	37.1 JH	49.2 JH	49.3 JL	63.2 JH	46.7 JH	47.5 JH	63.9	47.7	68.8
TCLP Lead (mg/L)											
TCLP Lead	--	NA	NA	NA	NA	0.24 J	NA	NA	NA	NA	NA
Percent Moisture	--	13.8	10.5	9.8	9.4	25.7	12	10	17	8	12.1
Percent Solid	--	86.2	89.5	90.2	90.6	74.3	89	90	83	92	87.9
Total Organic Carbon (mg/kg)	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

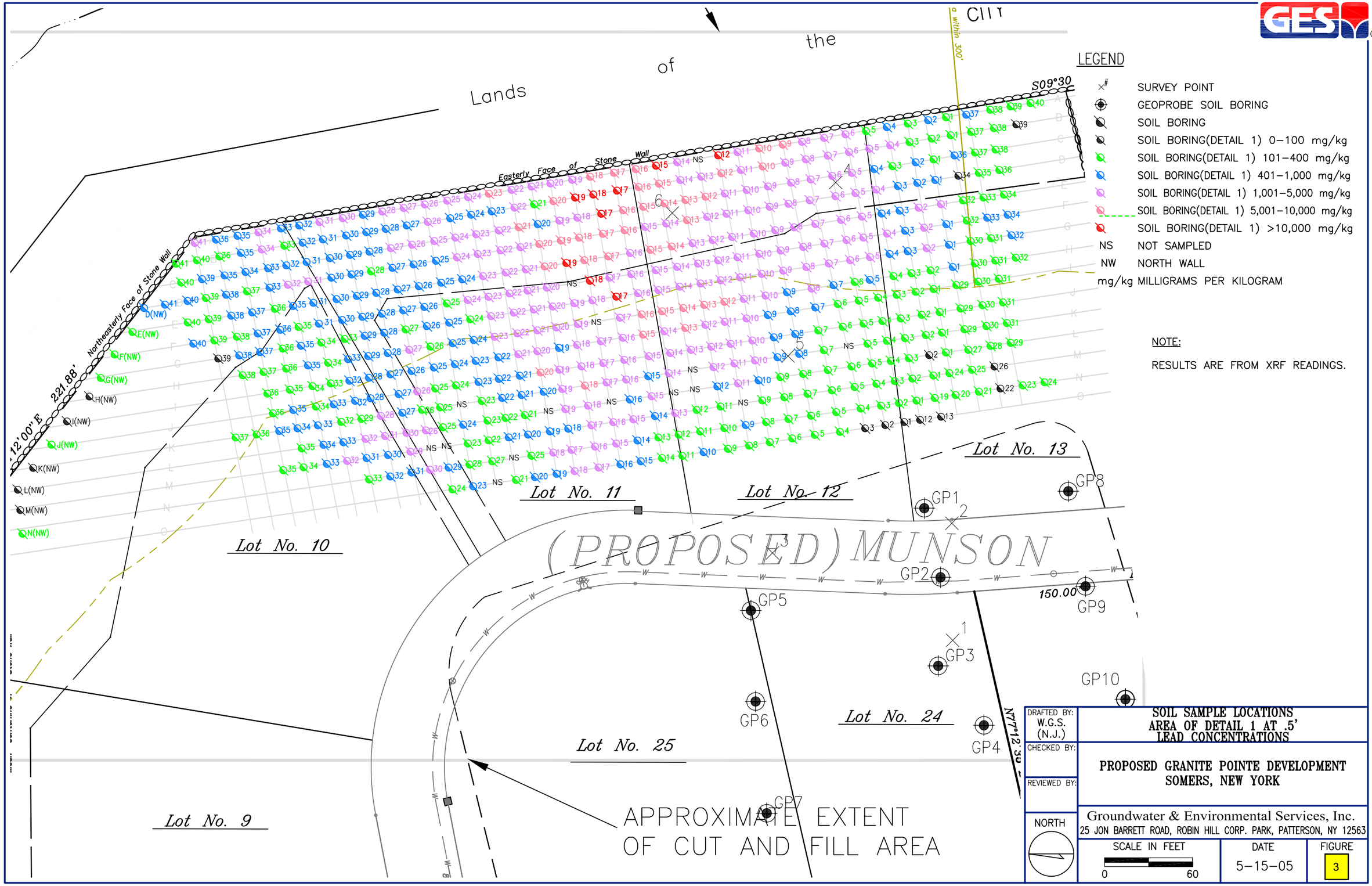
Notes:

Concentrations detected above the NYSDEC (New York State Department of Environmental Conservation) 6 NYCRR (New York Codes, Rules and Regulations) Part 375 Unrestricted Use Soil Cleanup objective are highlighted in yellow.

Definitions:

mg/Kg - milligrams per kilogram.
mg/L - milligrams per liter.
^6+ - Interference check standard is outside acceptance limits, high biased.
B - The compound was found in the associated blank as well as in the sample.
F1 - Matrix spike and/or matrix spike duplicate recovery exceeds control limits.
ft - Feet.
H - Sample was prepped or analyzed beyond the specified holding time.
J - The concentration is an approximate value.
JH - The concentration is estimated high.
JL - The concentration is estimated low.
NA - The compound was not analyzed for.
R - The compound was outside of quality control limits in the laboratory control sample.
TCLP - Toxicity Characteristic Leaching Procedure.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Attachment 8 – Figure 3 – Soil Sample Locations area of Detail 1 at .5', Lead Concentrations, 2010



LEGEND

×	SURVEY POINT
⊕	GEOPROBE SOIL BORING
	SOIL BORING
	SOIL BORING(DETAIL 1) 0–100 mg/kg
	SOIL BORING(DETAIL 1) 101–400 mg/kg
	SOIL BORING(DETAIL 1) 401–1,000 mg/kg
	SOIL BORING(DETAIL 1) 1,001–5,000 mg/kg
	SOIL BORING(DETAIL 1) 5,001–10,000 mg/kg
	SOIL BORING(DETAIL 1) >10,000 mg/kg
NS	NOT SAMPLED
NW	NORTH WALL
mg/kg	MILLIGRAMS PER KILOGRAM

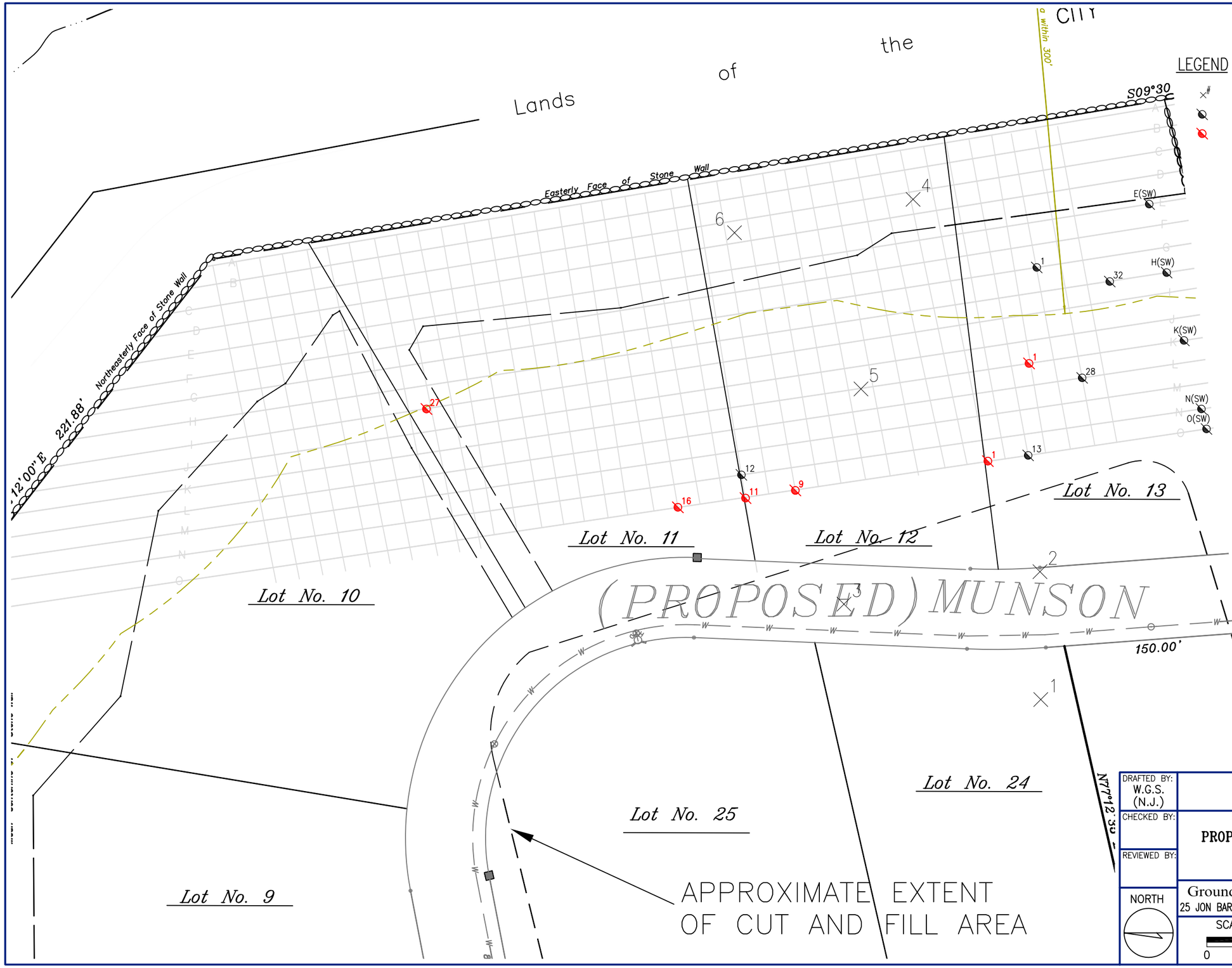
NOTE:

RESULTS ARE FROM XRF READINGS.

DRAFTED BY: W.G.S. (N.J.)	SOIL SAMPLE LOCATIONS AREA OF DETAIL 1 AT .5' LEAD CONCENTRATIONS
CHECKED BY:	PROPOSED GRANITE POINTE DEVELOPMENT SOMERS, NEW YORK
REVIEWED BY:	Groundwater & Environmental Services, Inc. 25 JON BARRETT ROAD, ROBIN HILL CORP. PARK, PATTERSON, NY 12563
NORTH	SCALE IN FEET 0 60 / DATE 5–15–05 / FIGURE 3

M:\Graphics\11100-Patterson-LHV\Misc\Granite Point Somers\granite point somers SM.dwg, 5/17/2005 3:43:37 PM, WShea

Attachment 9 – Figure 6 – Soil Sample Locations area of Detail 1 at .5', SVOC Concentrations, 2010



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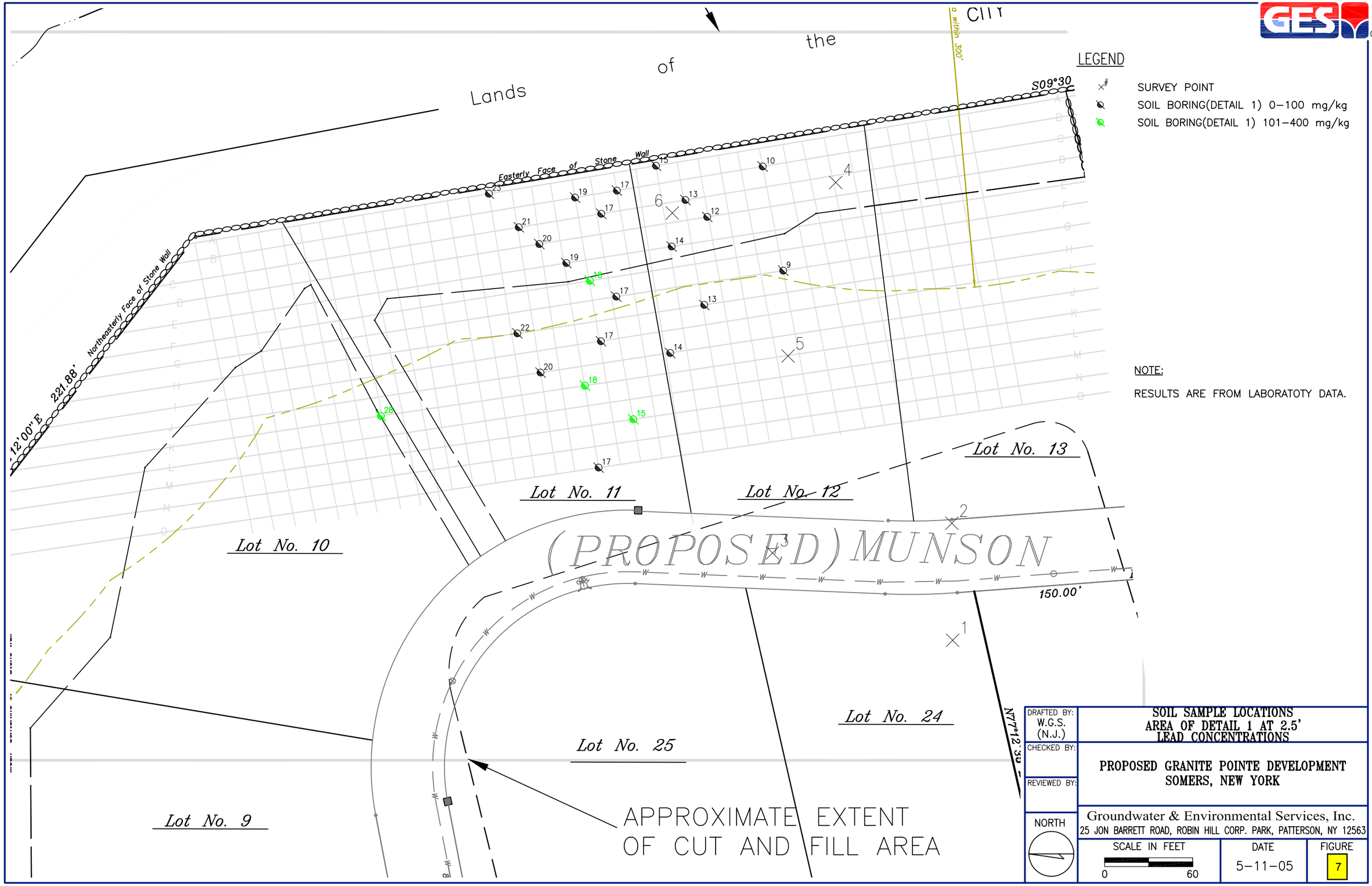
Attachment 10 – Figure 7 – Soil Sample Locations area of Detail 1 at 2.5', Lead Concentrations, 2010



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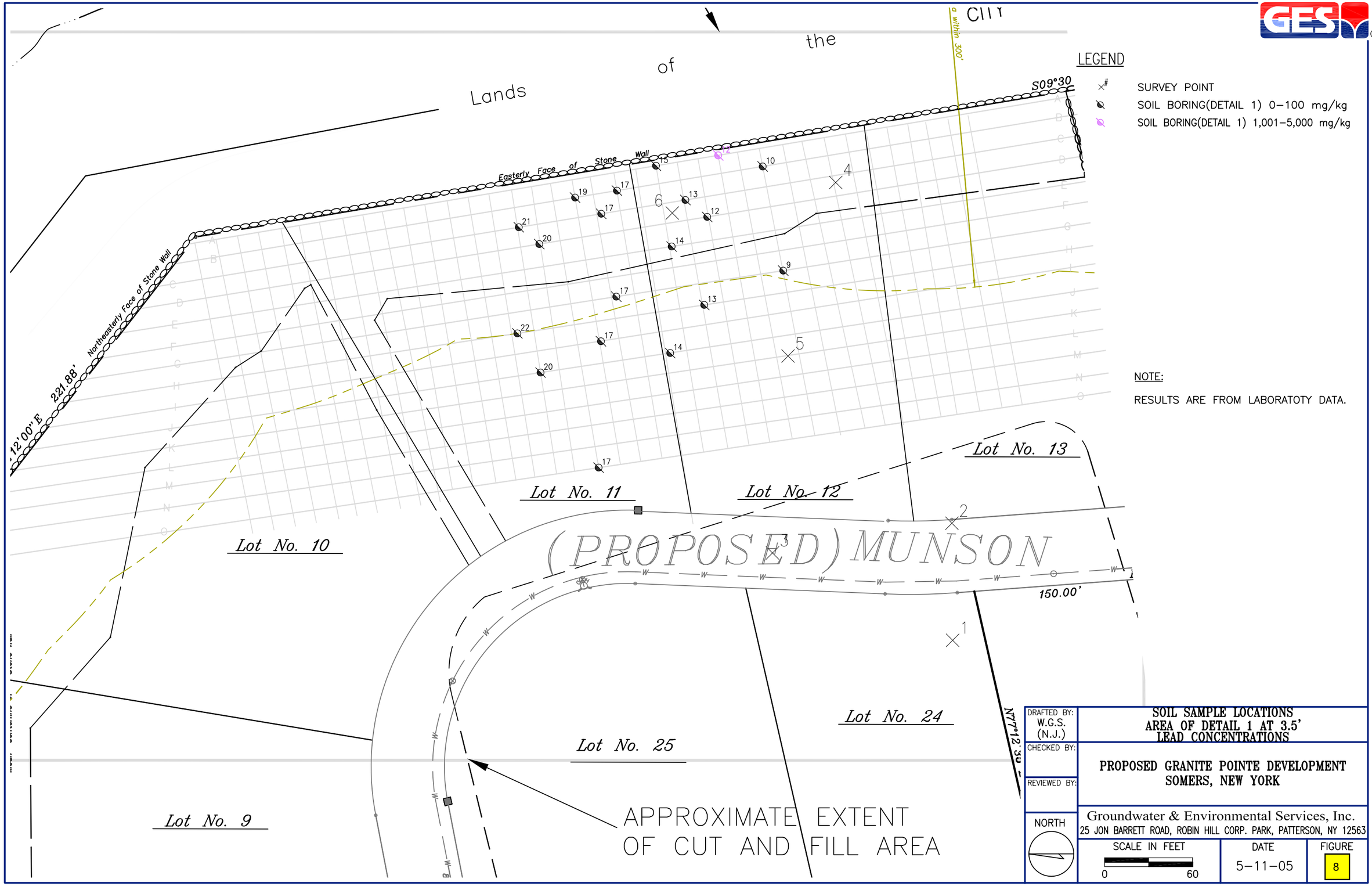
Attachment 11 – Figure 8 – Soil Sample Locations area of Detail 1 at 3.5', Lead Concentrations, 2010.



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Attachment 12 – Table 1 – Summary of XRF Screening Results
December 2004, 2010

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg [1/])		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
A-1	0-1	344		A-21	0-1	2,152
	1.5	NS [2/]			1.5	NS
A-2	0-1	690		A-22	0-1	2,403
	1.5	NS			1.5	NS
A-3	0-1	390		A-23	0-1	6,831
	1.5	NS			1.5	NS
A-4	0-1	520		A-24	0-1	3,440
	1.5	NS			1.5	NS
A-5	0-1	234		A-25	0-1	4,675
	1.5	NS			1.5	NS
A-6	0-1	3,961		A-26	0-1	2,730
	1.5	NS			1.5	NS
A-7	0-1	4,907		A-27	0-1	1,509
	1.5	NS			1.5	NS
A-8	0-1	3,265		A-28	0-1	1,130
	1.5	NS			1.5	NS
A-9	0-1	6,000		A-29	0-1	899
	1.5	NS			1.5	NS
A-10	0-1	5,103		A-30	0-1	1,123
	1.5	NS			1.5	NS
A-11	0-1	4,539		A-31	0-1	1,511
	1.5	NS			1.5	NS
A-12	0-1	10,336		A-32	0-1	456
	1.5	NS			1.5	NS
A-13	0-1	NS		A-33	0-1	441
	1.5	NS			1.5	NS
A-14	0-1	4,765		A-34	0-1	1,072
	1.5	NS			1.5	NS
A-15	0-1	14,918		A-35	0-1	993
	1.5	1,008			1.5	NS
A-16	0-1	9,807		A-36	0-1	977
	1.5	NS			1.5	NS
A-17	0-1	8,449		A-37	0-1	755
	1.5	NS			1.5	NS
A-18	0-1	5,048		A-38	0-1	173
	1.5	NS			1.5	NS
A-19	0-1	3,286		A-39	0-1	140
	1.5	NS			1.5	NS
A-20	0-1	3,201		A-40	0-1	125
	1.5	NS			1.5	72
				A-41	0-1	1,689
					1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
B-1	0-1	160		B-21	0-1	112
	1.5	NS			1.5	NS
B-2	0-1	215		B-22	0-1	2,820
	1.5	NS			1.5	NS
B-3	0-1	281		B-23	0-1	758
	1.5	NS			1.5	NS
B-4	0-1	1,172		B-24	0-1	987
	1.5	NS			1.5	NS
B-5	0-1	1,771		B-25	0-1	840
	1.5	NS			1.5	NS
B-6	0-1	1,574		B-26	0-1	3,293
	1.5	NS			1.5	NS
B-7	0-1	2,189		B-27	0-1	712
	1.5	NS			1.5	NS
B-8	0-1	4,679		B-28	0-1	510
	1.5	NS			1.5	NS
B-9	0-1	2,184		B-29	0-1	626
	1.5	NS			1.5	NS
B-10	0-1	5,016		B-30	0-1	465
	1.5	NS			1.5	NS
B-11	0-1	4,879		B-31	0-1	634
	1.5	NS			1.5	NS
B-12	0-1	6,537		B-32	0-1	504
	1.5	NS			1.5	NS
B-13	0-1	4,645		B-33	0-1	278
	1.5	NS			1.5	NS
B-14	0-1	4,107		B-34	0-1	1,551
	1.5	NS			1.5	NS
B-15	0-1	9,957		B-35	0-1	727
	1.5	NS			1.5	NS
B-16	0-1	6,864		B-36	0-1	295
	1.5	NS			1.5	NS
B-17	0-1	17,587		B-37	0-1	218
	1.5	NS			1.5	NS
B-18	0-1	15,262		B-38	0-1	133
	1.5	NS			1.5	NS
B-19	0-1	10,129		B-39	0-1	89
	1.5	NS			1.5	NS
B-20	0-1	5,478		B-40	0-1	304
	1.5	NS			1.5	NS
				B-41	0-1	344
					1.5	55

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
C-1	0-1	260		C-21	0-1	5,584
	1.5	NS			1.5	NS
C-2	0-1	460		C-22	0-1	2,858
	1.5	NS			1.5	NS
C-3	0-1	164		C-23	0-1	2,444
	1.5	NS			1.5	NS
C-4	0-1	870		C-24	0-1	1,648
	1.5	NS			1.5	NS
C-5	0-1	4,207		C-25	0-1	1,407
	1.5	NS			1.5	NS
C-6	0-1	1,340		C-26	0-1	1,542
	1.5	NS			1.5	NS
C-7	0-1	3,032		C-27	0-1	1,050
	1.5	NS			1.5	NS
C-8	0-1	1,101		C-28	0-1	763
	1.5	NS			1.5	NS
C-9	0-1	2,886		C-29	0-1	975
	1.5	NS			1.5	NS
C-10	0-1	3,665		C-30	0-1	439
	1.5	NS			1.5	NS
C-11	0-1	4,140		C-31	0-1	708
	1.5	NS			1.5	NS
C-12	0-1	5,268		C-32	0-1	543
	1.5	NS			1.5	NS
C-13	0-1	8,610		C-33	0-1	708
	1.5	NS			1.5	NS
C-14	0-1	8,748		C-34	0-1	624
	1.5	NS			1.5	NS
C-15	0-1	6,814		C-35	0-1	443
	1.5	NS			1.5	NS
C-16	0-1	8,694		C-36	0-1	527
	1.5	NS			1.5	NS
C-17	0-1	11,345		C-37	0-1	321
	1.5	505			1.5	NS
C-18	0-1	3,742		C-38	0-1	142
	1.5	NS			1.5	NS
C-19	0-1	2,230		C-39	0-1	717
	1.5	NS			1.5	NS
C-20	0-1	633		C-40	0-1	394
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
D-1	0-1	645		D-22	0-1	2,833
	1.5	NS			1.5	NS
D-2	0-1	594		D-23	0-1	1,483
	1.5	NS			1.5	NS
D-3	0-1	967		D-24	0-1	1159
	1.5	NS			1.5	NS
D-4	0-1	1,762		D-25	0-1	980
	1.5	NS			1.5	NS
D-5	0-1	3,604		D-26	0-1	773
	1.5	NS			1.5	NS
D-6	0-1	2,532		D-27	0-1	922
	1.5	NS			1.5	NS
D-7	0-1	2,361		D-28	0-1	350
	1.5	NS			1.5	NS
D-8	0-1	3,863		D-29	0-1	792
	1.5	NS			1.5	NS
D-9	0-1	2,623		D-30	0-1	711
	1.5	NS			1.5	NS
D-10	0-1	2,960		D-31	0-1	1,120
	1.5	NS			1.5	NS
D-11	0-1	2,651		D-32	0-1	1,252
	1.5	NS			1.5	NS
D-12	0-1	3,023		D-33	0-1	503
	1.5	NS			1.5	NS
D-13	0-1	5,848		D-34	0-1	43
	1.5	NS			1.5	NS
D-14	0-1	4,059		D-35	0-1	228
	1.5	NS			1.5	NS
D-15	0-1	4,358		D-36	0-1	164
	1.5	NS			1.5	47
D-16	0-1	5,473		D-37	0-1	179
	1.5	NS			1.5	NS
D-17	0-1	6,020		D-38	0-1	615
	1.5	NS			1.5	NS
D-18	0-1	5,811		D-39	0-1	268
	1.5	NS			1.5	NS
D-19	0-1	6,053		D-40	0-1	441
	1.5	NS			1.5	NS
D-20	0-1	8,284		D-41	0-1	549
	1.5	NS			1.5	NS
D-21	0-1	3,436		D-North Wall	0-1	445
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
E-1	0-1	1,099		E-21	0-1	2,864
	1.5	NS			1.5	NS
E-2	0-1	1,393		E-22	0-1	2,054
	1.5	NS			1.5	NS
E-3	0-1	968		E-23	0-1	3,240
	1.5	NS			1.5	NS
E-4	0-1	864		E-24	0-1	832
	1.5	NS			1.5	NS
E-5	0-1	1,515		E-25	0-1	545
	1.5	NS			1.5	NS
E-6	0-1	2,126		E-26	0-1	853
	1.5	NS			1.5	NS
E-7	0-1	2,013		E-27	0-1	928
	1.5	NS			1.5	NS
E-8	0-1	1,811		E-28	0-1	428
	1.5	NS			1.5	NS
E-9	0-1	3,960		E-29	0-1	619
	1.5	NS			1.5	NS
E-10	0-1	2,747		E-30	0-1	539
	1.5	NS			1.5	NS
E-11	0-1	3,578		E-31	0-1	504
	1.5	NS			1.5	NS
E-12	0-1	2,168		E-32	0-1	355
	1.5	NS			1.5	NS
E-13	0-1	2,604		E-33	0-1	211
	1.5	NS			1.5	NS
E-14	0-1	5,130		E-34	0-1	123
	1.5	NS			1.5	NS
E-15	0-1	7,108		E-35	0-1	726
	1.5	NS			1.5	NS
E-16	0-1	3,853		E-36	0-1	289
	1.5	NS			1.5	NS
E-17	0-1	5,490		E-37	0-1	494
	1.5	NS			1.5	NS
E-18	0-1	7,295		E-38	0-1	813
	1.5	NS			1.5	NS
E-19	0-1	35,798		E-39	0-1	394
	1.5	1,280			1.5	NS
E-20	0-1	6,059		E-40	0-1	120
	1.5	NS			1.5	39
				E-North Wall	0-1	325
					1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
F-1	0-1	545		F-21	0-1	2,551
	1.5	NS			1.5	NS
F-2	0-1	1,086		F-22	0-1	2,043
	1.5	NS			1.5	NS
F-3	0-1	868		F-23	0-1	1,077
	1.5	NS			1.5	NS
F-4	0-1	1,126		F-24	0-1	1,191
	1.5	NS			1.5	NS
F-5	0-1	3,236		F-25	0-1	345
	1.5	NS			1.5	NS
F-6	0-1	2,946		F-26	0-1	690
	1.5	NS			1.5	NS
F-7	0-1	2,325		F-27	0-1	585
	1.5	NS			1.5	NS
F-8	0-1	1,135		F-28	0-1	402
	1.5	NS			1.5	NS
F-9	0-1	1,802		F-29	0-1	531
	1.5	NS			1.5	NS
F-10	0-1	3,350		F-30	0-1	519
	1.5	NS			1.5	NS
F-11	0-1	2,970		F-31	0-1	507
	1.5	NS			1.5	NS
F-12	0-1	2,756		F-32	0-1	146
	1.5	NS			1.5	NS
F-13	0-1	3,888		F-33	0-1	458
	1.5	NS			1.5	NS
F-14	0-1	2,070		F-34	0-1	403
	1.5	NS			1.5	48
F-15	0-1	2,383		F-35	0-1	146
	1.5	NS			1.5	NS
F-16	0-1	4,416		F-36	0-1	458
	1.5	NS			1.5	NS
F-17	0-1	3,924		F-37	0-1	403
	1.5	NS			1.5	NS
F-18	0-1	10,405		F-38	0-1	307
	1.5	562			1.5	NS
F-19	0-1	NS		F-39	0-1	315
	1.5	NS			1.5	NS
F-20	0-1	2,290		F-40	0-1	465
	1.5	NS			1.5	NS
				F-North Wall	0-1	141
					1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
G-1	0-1	545		G-21	0-1	2,043
	1.5	NS			1.5	NS
G-2	0-1	1,086		G-22	0-1	1,077
	1.5	NS			1.5	NS
G-3	0-1	868		G-23	0-1	1191
	1.5	NS			1.5	NS
G-4	0-1	1,126		G-24	0-1	345
	1.5	NS			1.5	NS
G-5	0-1	3,236		G-25	0-1	690
	1.5	NS			1.5	NS
G-6	0-1	2,946		G-26	0-1	585
	1.5	NS			1.5	NS
G-7	0-1	2,325		G-27	0-1	392
	1.5	NS			1.5	NS
G-8	0-1	1,135		G-28	0-1	531
	1.5	NS			1.5	NS
G-9	0-1	1,802		G-29	0-1	519
	1.5	NS			1.5	NS
G-10	0-1	3,350		G-30	0-1	173
	1.5	NS			1.5	NS
G-11	0-1	2,970		G-31	0-1	146
	1.5	NS			1.5	NS
G-12	0-1	2,756		G-32	0-1	458
	1.5	NS			1.5	NS
G-13	0-1	3,888		G-33	0-1	344
	1.5	NS			1.5	NS
G-14	1.5	2,070		G-34	0-1	317
	1.5	NS			1.5	NS
G-15	0-1	2,383		G-35	0-1	465
	1.5	NS			1.5	NS
G-16	0-1	4,416		G-36	0-1	343
	1.5	NS			1.5	NS
G-17	0-1	10,405		G-37	0-1	834
	1.5	NS			1.5	NS
G-18	0-1	4,547		G-38	0-1	903
	1.5	NS			1.5	NS
G-19	0-1	2,290		G-39	0-1	87
	1.5	NS			1.5	38
G-20	0-1	2,551		G-North Wall	0-1	102
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
O-1	0-1	91		O-13	0-1	68
	1.5	NS			1.5	41
O-2	0-1	80		O-14	0-1	339
	1.5	NS			1.5	NS
O-3	0-1	83		O-15	0-1	565
	1.5	NS			1.5	NS
O-4	0-1	139		O-16	0-1	786
	1.5	NS			1.5	NS
O-5	0-1	216		O-17	0-1	1,936
	1.5	NS			1.5	NS
O-6	0-1	155		O-18	0-1	1,142
	1.5	NS			1.5	NS
O-7	0-1	212		O-19	0-1	876
	1.5	NS			1.5	NS
O-8	0-1	218		O-20	0-1	657
	1.5	NS			1.5	NS
O-9	0-1	154		O-21	0-1	180
	1.5	NS			1.5	NS
O-10	0-1	601		O-22	0-1	NS
	1.5	NS			1.5	NS
O-11	0-1	132		O-23	0-1	745
	1.5	162			1.5	NS
O-12	0-1	93		O-24	0-1	235
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
H-1	0-1	477		H-21	0-1	2,252
	1.5	NS			1.5	NS
H-2	0-1	236		H-22	0-1	2,607
	1.5	NS			1.5	NS
H-3	0-1	333		H-23	0-1	1,121
	1.5	NS			1.5	NS
H-4	0-1	161		H-24	0-1	821
	1.5	NS			1.5	NS
H-5	0-1	462		H-25	0-1	593
	1.5	NS			1.5	NS
H-6	1.5	298		H-26	0-1	333
	1.5	NS			1.5	NS
H-7	0-1	460		H-27	0-1	1,064
	1.5	NS			1.5	NS
H-8	0-1	2,050		H-28	0-1	534
	1.5	NS			1.5	NS
H-9	0-1	956		H-29	0-1	668
	1.5	NS			1.5	NS
H-10	0-1	2,966		H-30	0-1	192
	1.5	NS			1.5	NS
H-11	0-1	2,995		H-31	0-1	189
	1.5	NS			1.5	NS
H-12	0-1	6,900		H-32	0-1	303
	1.5	NS			1.5	74
H-13	0-1	8,059		H-33	0-1	652
	1.5	NS			1.5	NS
H-14	0-1	9,497		H-34	0-1	208
	1.5	NS			1.5	NS
H-15	0-1	9,909		H-35	0-1	867
	1.5	1,353			1.5	NS
H-16	0-1	7,314		H-36	0-1	259
	1.5	NS			1.5	NS
H-17	0-1	3,975		H-37	0-1	258
	1.5	NS			1.5	NS
H-18	0-1	NS		H-38	0-1	195
	1.5	NS			1.5	93
H-19	0-1	4,006		H-North Wall	0-1	85
	1.5	NS			1.5	NS
H-20	0-1	1,471				
	1.5	NS				

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
I-1	0-1	201		I-20	0-1	1,806
	1.5	NS			1.5	NS
I-2	0-1	233		I-21	0-1	1,346
	1.5	NS			1.5	NS
I-3	0-1	164		I-22	0-1	839
	1.5	NS			1.5	NS
I-4	0-1	274		I-23	0-1	712
	1.5	NS			1.5	NS
I-5	0-1	287		I-24	0-1	532
	1.5	NS			1.5	NS
I-6	0-1	221		I-25	0-1	558
	1.5	NS			1.5	NS
I-7	0-1	555		I-26	0-1	702
	1.5	NS			1.5	NS
I-8	0-1	514		I-27	0-1	553
	1.5	NS			1.5	NS
I-9	0-1	958		I-28	0-1	559
	1.5	NS			1.5	NS
I-10	0-1	1,070		I-29	0-1	350
	1.5	NS			1.5	NS
I-11	0-1	3,756		I-30	0-1	266
	1.5	NS			1.5	NS
I-12	0-1	2,515		I-31	0-1	114
	1.5	NS			1.5	NS
I-13	0-1	5,365		I-32	0-1	491
	1.5	NS			1.5	NS
I-14	0-1	4,408		I-33	0-1	311
	1.5	NS			1.5	NS
I-15	0-1	8,022		I-34	0-1	377
	1.5	NS			1.5	NS
I-16	0-1	4,347		I-35	0-1	162
	1.5	NS			1.5	NS
I-17	0-1	2,665		I-36	0-1	149
	1.5	NS			1.5	NS
I-18	0-1	2,610		I-North Wall	0-1	97
	1.5	NS			1.5	NS
I-19	0-1	938				
	1.5	NS				

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
J-1	0-1	139		J-20	0-1	7,412
	1.5	NS			1.5	NS
J-2	0-1	172		J-21	0-1	647
	1.5	NS			1.5	NS
J-3	0-1	238		J-22	0-1	996
	1.5	NS			1.5	NS
J-4	0-1	322		J-23	0-1	895
	1.5	NS			1.5	NS
J-5	0-1	330		J-24	0-1	262
	1.5	NS			1.5	NS
J-6	0-1	176		J-25	0-1	214
	1.5	NS			1.5	NS
J-7	0-1	192		J-26	0-1	1,015
	1.5	NS			1.5	NS
J-8	0-1	609		J-27	0-1	822
	1.5	NS			1.5	NS
J-9	0-1	722		J-28	0-1	584
	1.5	NS			1.5	NS
J-10	0-1	1,035		J-29	0-1	165
	1.5	NS			1.5	NS
J-11	0-1	1,645		J-30	0-1	167
	1.5	NS			1.5	NS
J-12	0-1	1,970		J-31	0-1	218
	1.5	NS			1.5	44
J-13	0-1	1,513		J-32	0-1	529
	1.5	NS			1.5	NS
J-14	0-1	4,252		J-33	0-1	541
	1.5	NS			1.5	NS
J-15	0-1	2,833		J-34	0-1	238
	1.5	NS			1.5	NS
J-16	0-1	4,347		J-35	0-1	422
	1.5	NS			1.5	NS
J-17	0-1	2,649		J-36	0-1	216
	1.5	NS			1.5	117
J-18	0-1	1,658		J-North Wall	0-1	136
	1.5	NS			1.5	NS
J-19	0-1	1,567				
	1.5	NS				

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
K-1	0-1	208		K-20	0-1	803
	1.5	NS			1.5	NS
K-2	0-1	260		K-21	0-1	537
	1.5	NS			1.5	NS
K-3	0-1	184		K-22	0-1	461
	1.5	NS			1.5	NS
K-4	0-1	253		K-23	0-1	287
	1.5	NS			1.5	NS
K-5	0-1	193		K-24	0-1	NS
	1.5	NS			1.5	NS
K-6	0-1	NS		K-25	0-1	235
	1.5	NS			1.5	NS
K-7	0-1	109		K-26	0-1	155
	1.5	NS			1.5	NS
K-8	0-1	528		K-27	0-1	582
	1.5	NS			1.5	NS
K-9	0-1	608		K-28	0-1	3,834
	1.5	NS			1.5	NS
K-10	0-1	1,023		K-29	0-1	307
	1.5	NS			1.5	NS
K-11	0-1	1,008		K-30	0-1	116
	1.5	NS			1.5	NS
K-12	0-1	1,206		K-31	0-1	150
	1.5	NS			1.5	NS
K-13	0-1	NS		K-32	0-1	150
	1.5	NS			1.5	NS
K-14	0-1	1,526		K-33	0-1	657
	1.5	NS			1.5	NS
K-15	0-1	997		K-34	0-1	574
	1.5	NS			1.5	NS
K-16	0-1	1,880		K-35	0-1	495
	1.5	NS			1.5	NS
K-17	0-1	3,599		K-36	0-1	188
	1.5	NS			1.5	NS
K-18	0-1	9,384		K-37	0-1	295
	1.5	78			1.5	NS
K-19	0-1	2,406		K-North Wall	0-1	92
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
L-1	0-1	123		L-19	0-1	1,620
	1.5	NS			1.5	NS
L-2	0-1	80		L-20	0-1	NS
	1.5	NS			1.5	NS
L-3	0-1	228		L-21	0-1	313
	1.5	NS			1.5	NS
L-4	0-1	234		L-22	0-1	250
	1.5	NS			1.5	NS
L-5	0-1	185		L-23	0-1	365
	1.5	NS			1.5	NS
L-6	0-1	200		L-24	0-1	531
	1.5	NS			1.5	NS
L-7	0-1	109		L-25	0-1	304
	1.5	NS			1.5	NS
L-8	0-1	325		L-26	0-1	2,367
	1.5	NS			1.5	NS
L-9	0-1	266		L-27	0-1	137
	1.5	NS			1.5	NS
L-10	0-1	878		L-28	0-1	132
	1.5	NS			1.5	NS
L-11	0-1	1,129		L-29	0-1	112
	1.5	NS			1.5	41
L-12	0-1	868		L-30	0-1	2,071
	1.5	NS			1.5	NS
L-13	0-1	NS		L-31	0-1	1,040
	1.5	NS			1.5	NS
L-14	0-1	NS		L-32	0-1	1,299
	1.5	NS			1.5	NS
L-15	0-1	1,130		L-33	0-1	530
	1.5	NS			1.5	NS
L-16	0-1	788		L-34	0-1	401
	1.5	NS			1.5	NS
L-17	0-1	NS		L-35	0-1	215
	1.5	NS			1.5	47
L-18	0-1	3,470		L-North Wall	0-1	69
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
M-1	0-1	164		M-19	0-1	756
	1.5	NS			1.5	NS
M-2	0-1	200		M-20	0-1	449
	1.5	NS			1.5	NS
M-3	0-1	163		M-21	0-1	603
	1.5	NS			1.5	NS
M-4	0-1	151		M-22	0-1	297
	1.5	NS			1.5	NS
M-5	0-1	182		M-23	0-1	282
	1.5	NS			1.5	NS
M-6	0-1	175		M-24	0-1	275
	1.5	NS			1.5	NS
M-7	0-1	172		M-25	0-1	250
	1.5	NS			1.5	NS
M-8	0-1	319		M-26	0-1	39
	1.5	NS			1.5	NS
M-9	0-1	182		M-27	0-1	NS
	1.5	NS			1.5	NS
M-10	0-1	NS		M-28	0-1	NS
	1.5	NS			1.5	NS
M-11	0-1	319		M-29	0-1	1,034
	1.5	NS			1.5	NS
M-12	0-1	309		M-30	0-1	763
	1.5	NS			1.5	NS
M-13	0-1	1,146		M-31	0-1	628
	1.5	NS			1.5	NS
M-14	0-1	410		M-32	0-1	1,200
	1.5	NS			1.5	NS
M-15	0-1	1,616		M-33	0-1	747
	1.5	NS			1.5	NS
M-16	0-1	2,842		M-34	0-1	256
	1.5	NS			1.5	NS
M-17	0-1	2,752		M-35	0-1	262
	1.5	NS			1.5	NS
M-18	0-1	516		M-North Wall	0-1	67
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 1
Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of XRF Screening Results December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)		Sample I.D.	Sample Depth (feet)	Result (mg/kg)
N-1	0-1	122		N-18	0-1	1,566
	1.5	NS			1.5	NS
N-2	0-1	150		N-19	0-1	386
	1.5	NS			1.5	NS
N-3	0-1	156		N-20	0-1	337
	1.5	NS			1.5	NS
N-4	0-1	194		N-21	0-1	210
	1.5	NS			1.5	NS
N-5	1.5	138		N-22	0-1	57
	1.5	NS			1.5	NS
N-6	0-1	163		N-23	0-1	159
	1.5	NS			1.5	NS
N-7	0-1	194		N-24	0-1	129
	1.5	NS			1.5	NS
N-8	0-1	318		N-25	0-1	108
	1.5	NS			1.5	NS
N-9	0-1	421		N-26	0-1	NS
	1.5	NS			1.5	NS
N-10	0-1	205		N-27	0-1	248
	1.5	NS			1.5	NS
N-11	0-1	319		N-28	0-1	170
	1.5	NS			1.5	NS
N-12	0-1	312		N-29	0-1	766
	1.5	NS			1.5	NS
N-13	0-1	400		N-30	0-1	1,279
	1.5	NS			1.5	NS
N-14	0-1	604		N-31	0-1	821
	1.5	NS			1.5	NS
N-15	0-1	1,286		N-32	0-1	535
	1.5	NS			1.5	NS
N-16	0-1	1,447		N-33	0-1	329
	1.5	NS			1.5	105
N-17	0-1	1,753		N-North Wall	0-1	125
	1.5	NS			1.5	NS

1/ Milligrams per kilgram
2/ Not sampled

Table 2

Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of Lead Concentrations (Area-1 Sample Grid)

Sample I.D.	Date	Depth ftbg [1/]	Total Lead (mg/kg) [2/]	TCLP Lead (mg/l) [3/]
A-12	2/15/2005	3	1,290	**12.3** [4/]
	2/15/2005	4	79.1	0.206
A-14	1/21/2005	1.5	615	**45**
A-15	12/14/2004	0-1	64,700	**596**
	12/29/2004	1.5	1,550	**77.4**
	1/21/2005	2.5	66.4	0.17
A-16	1/21/2005	1.5	2,520	**15.7**
A-23	2/15/2005	2.5	4.95	0.0076
	2/15/2005	3.5	6.59	BDL [5/]
A-37	12/16/2004	0-1	1,690	0.62
A-40	12/16/2004	0-1	158	0.056
	12/29/2004	1.5	56.7	0.166
B-10	2/15/2005	2.5	52	0.145
	2/15/2005	3.5	6.63	BDL
B-13	1/21/2005	1.5	1,650	**38.4**
B-14	1/21/2005	1.5	5,130	**6.78**
B-15	1/21/2005	1.5	2,810	**102**
B-16	1/21/2005	1.5	2,010	**69.4**
B-17	1/21/2005	1.5	2,140	**98.2**
	2/15/2005	2.5	8.15	BDL
	2/15/2005	3.5	17	BDL
B-18	1/21/2005	1.5	1,350	**72.4**
B-19	1/21/2005	1.5	2,220	**9.34**
	2/15/2005	2.5	23.4	0.0618
	2/15/2005	3.5	BDL	BDL
B-39	12/16/2004	0-1	71.6	0.0508
B-41	12/23/2004	0-1	279	0.668
	12/29/2004	1.5	8.71	0.024
C-7	1/21/2005	1.5	444	2.92
C-12	1/21/2005	1.5	2,900	**49.8**
C-13	12/14/2004	0-1	26,500	**170**
	2/15/2005	2.5	5.2	0.0142
	2/15/2005	3.5	BDL	0.0075
C-14	1/21/2005	1.5	552	**45**
NYSDEC Guidance Values			63 [6/]	5 [7/]

1/ Feet below grade

2/ Total Lead analysis by EPA Method 200.7, reported in milligrams per kilogram

3/ Leachable Lead analysis by EPA Method 1311 & 6000/7000, reported in milligrams per liter

4/ **BOLD** indicates that the concentration exceeds the NYSDEC Hazardous Waste Criteria

5/ Below laboratory detection limit

6/ NYSDEC Part 375 Track 1 SCOs

7/ Hazardous waste regulatory levels for toxicity characteristics

Table 2 (cont.)

Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of Lead Concentrations (Area-1 Sample Grid)

Sample I.D.	Date	ftbg	(mg/kg)	TCLP Lead (mg/l)
C-17	1.21/2002	1.5	796	**5.83**
	2/15/2005	2.5	BDL	BDL
	2/15/2005	3.5	3.31	BDL
C-21	2/15/2005	2.5	37.4	0.756
	2/15/2005	3.5	7.28	BDL
C-25	1/21/2005	1.5	136	0.54
C-26	12/14/2004	0-1	31,800	2.80
D-12	1/21/2005	1.5	1,480	**12.9**
	2/15/2005	2.5	BDL	BDL
	2/15/2005	3.5	6.57	BDL
D-13	1/21/2005	1.5	1,290	**9.77**
D-14	1/21/2005	1.5	3,530	**20**
D-20	2/15/2005	2.5	17	BDL
	2/15/2005	3.5	11.2	BDL
D-33	12/16/2004	0-1	578	0.699
D-36	12/29/2004	1.5	8.81	0.0228
E-14	2/15/2005	2.5	10.1	0.0502
	2/15/2005	3.5	BDL	BDL
E-17	1/21/2005	1.5	2,270	**21.5**
E-19	12/14/2004	0-1	77,100	**332**
	1/21/2005	1.5	2,500	**49.8**
	2/15/2005	2.5	6.29	BDL
	2/15/2005	3.5	6.25	BDL
E-34	12/14/2004	0-1	1,040	0.239
E-40	12/23/2004	0-1	378	0.239
	12/29/2004	1.5	11.8	0.03
F-17	1/21/2005	1.5	4,300	**14**
F-18	12/14/2004	0-1	28,400	**135**
	12/29/2004	1.5	656	4.38
	1/21/2005	2.5	295	4.02
F-20	1/21/2005	1.5	397	2.66
NYSDEC Guidance Values			63	5

1/ Feet below grade

2/ Total Lead analysis by EPA Method 200.7, reported in milligrams per kilogram

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4/ **BOLD** indicates that the concentration exceeds the NYSDEC Hazardous Waste Criteria

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7/ Hazardous waste regulatory levels for toxicity characteristics

Table 2 (cont.)

Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of Lead Concentrations (Area-1 Sample Grid)

Sample I.D.	Date	Depth ftbg [1/]	Total Lead (mg/kg) [2/]	TCLP Lead (mg/l) [3/]
F-34	12/29/2004	1.5	51.2	0.017
G-9	12/14/2004	0-1	4,680	**16.7**
	1/21/2005	1.5	2,410	**6.44**
	2/15/2005	2.5	11.7	0.0192
	2/15/2005	3.5	5.97	BDL
G-17	1/21/2005	1.5	3,730	**35.8**
	2/15/2005	2.5	BDL	BDL
	2/15/2005	3.5	5.32	BDL
G-18	1/21/2005	1.5	925	**6.54**
G-19	1/21/2005	1.5	1,940	**25.6**
G-23	1/21/2005	1.5	378	1.9
G-29	12/14/2004	0-1	433	0.343
G-39	12/23/2004	0-1	201	0.262
	12/29/2004	1.5	5.92	BDL
H-13	2/15/2005	2.5	3.86	0.0314
	2/15/2005	3.5	BDL	BDL
H-15	12/29/2004	1.5	1,770	**7.72**
H-22	2/15/2005	2.5	14.3	BDL
	2/15/2005	3.5	10	BDL
H-32	12/15/2004	0-1	366	4.5
	12/29/2004	1.5	37.5	0.0242
H-38	12/23/2004	0-1	279	0.191
	12/29/2004	1.5	66.8	0.0218
I-17	12/15/2004	0-1	3,500	**54.8**
	2/15/2005	2.5	4.59	BDL
	2/15/2005	3.5	9.19	BDL
J-12	1/21/2005	1.5	145	0.37
J-14	2/15/2005	2.5	7.7	0.027
	2/15/2005	3.5	4.35	BDL
J-17	1/21/2005	1.5	1,700	**38.8**
J-18	1/21/2005	1.5	814	2.38
J-19	1/21/2005	1.5	2,710	4.52
NYSDEC Guidance Values			63	5

1/ Feet below grade

2/ Total Lead analysis by EPA Method 200.7, reported in milligrams per kilogram

3/ Leachable Lead analysis by EPA Method 1311 & 6000/7000, reported in milligrams per liter

4/ **BOLD** indicates that the concentration exceeds the NYSDEC Hazardous Waste Criteria

5/ Below laboratory detection limit

6/ NYSDEC Part 375 Track 1 SCOs

7/ Hazardous waste regulatory levels for toxicity characteristics

Table 2 (cont.)

Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of Lead Concentrations (Area-1 Sample Grid)

Sample I.D.	Date	Depth ftbg	Total Lead (mg/kg)	TCLP Lead (mg/l)
J-20	2/15/2005	2.5	4.91	BDL
	2/15/2005	3.5	3.61	BDL
J-31	12/15/2004	0-1	256	0.198
	12/29/2004	1.5	3.27	BDL
J-36	12/23/2004	0-1	341	0.212
	12/29/2004	1.5	61.6	0.0632
K-17	1/21/2005	1.5	429	2.64
K-18	12/15/2004	0-1	27,800	**10.1**
	12/29/2004	1.5	751	**9.84**
	1/21/2005	2.5	198	0.85
K-19	1/21/2005	1.5	109	0.499
K-28	12/15/2004	0-1	13,900	**8.4**
	1/21/2005	1.5	870	2.41
	1/21/2005	2.5	125	0.822
L-18	1/21/2005	1.5	141	0.914
L-19	1/21/2005	1.5	364	1.42
L-27	12/15/2004	0-1	233	0.0482
L-28	12/15/2004	0-1	223	0.0754
L-29	12/29/2004	1.5	5.59	BDL
L-35	12/23/2004	0-1	716	0.976
	12/29/2004	1.5	5.01	BDL
M-15	12/15/2004	0-1	2,110	**10**
	1/21/2005	1.5	1,090	4.03
	1/21/2005	2.5	164	0.772
N-33	12/23/2004	0-1	456	0.355
	12/29/2004	1.5	31.2	0.0175
O-11	12/16/2004	0-1	154	0.0742
	12/29/2004	1.5	88.9	0.266
O-13	12/16/2004	0-1	90.7	0.0714
	12/29/2004	1.5	23.7	BDL
O-17	2/15/2005	2.5	5.6	BDL
	2/15/2005	3.5	6.75	BDL
NYSDEC Guidance Values			63	5

1/ Feet below grade

2/ Total Lead analysis by EPA Method 200.7, reported in milligrams per kilogram

3/ Leachable Lead analysis by EPA Method 1311 & 6000/7000, reported in milligrams per liter

4/ **BOLD** indicates that the concentration exceeds the NYSDEC Hazardous Waste Criteria

5/ Below laboratory detection limit

6/ NYSDEC Part 375 Track 1 SCOs

7/ Hazardous waste regulatory levels for toxicity characteristics

Table 3

Suelain Realty
Proposed Granite Point Development
Somers, New York

Summary of XRF Screening Results (Area-2 Samples) December 2004

Sample I.D.	Sample Depth (feet)	Result (mg/kg)	Sample I.D.	Sample Depth (feet)	Result (mg/kg)
A-1	0-1	49 [1/]	D-6	0-1	68
	1.5	NS [2/]		1.5	1,353
A-2	0-1	46	E-1	0-1	44
	1.5	NS		1.5	NS
A3	0-1	64	E-2	0-1	45
	1.5	NS		1.5	NS
B-1	0-1	NS	E-3	0-1	34
	1.5	NS		1.5	NS
B-2	0-1	193	E-4	0-1	NS
	1.5	NS		1.5	NS
B-3	1.5	61	E-5	0-1	48
	1.5	NS		1.5	NS
C-1	0-1	66	E-6	0-1	55
	1.5	NS		1.5	NS
C-2	0-1	74	F-1	0-1	60
	1.5	NS		1.5	NS
C-3	0-1	58	F-2	0-1	53
	1.5	NS		1.5	NS
D-1	0-1	53	F-3	0-1	59
	1.5	NS		1.5	NS
D-2	0-1	60	F-4	0-1	46
	1.5	NS		1.5	NS
D-3	0-1	54	F-5	0-1	44
	1.5	NS		1.5	NS
D-4	0-1	136	F-6	0-1	68
	1.5	NS		1.5	NS
D-5	0-1	74			
	1.5	NS			

1/ Milligrams per kilogram
2/ Not sampled

Attachment 13 – Table 9 – Summary of Lead Concentrations in Soil
May 4 and 5, 2007, 2010

Table 9

Suelain Realty
Proposed Granite Pointe Development
Somers, New York

Summary of Lead Concentrations in Soil
May 4 and 5, 2007

Sample ID	Date	Depth	Total Lead mg/kg
B-41	5/5/2007	1-2	12.1
BG-6	5/4/2007	0-1	7.51
C-41	5/4/2007	0-1	10.7
	5/4/2007	1-2	6.49
E-41	5/5/2007	1-2	13.4
F-41	5/5/2007	0-1	9.78
	5/4/2007	1-2	11.5
G-40	5/4/2007	0-1	11.9
	5/4/2007	1-2	8.92
H-39	5/5/2007	1-2	32
I-32	5/4/2007	0-1	39.1
	5/4/2007	1-2	6.08
I-37	5/4/2007	0-1	89.4
	5/4/2007	1-2	56.1
J-36	5/4/2007	1-2	7.02
	5/5/2007	2-3	9.69
J-37	5/4/2007	0-1	7.43
	5/4/2007	1-2	11.6
K-11	5/5/2007	0-1	2210
	5/5/2007	1-2	141
K-28	5/4/2007	2-3	18.3
	5/4/2007	3-4	10.6
K-38	5/4/2007	0-1	22.5
	5/4/2007	1-2	29.6
K-5	5/4/2007	0-1	739
	5/4/2007	1-2	26.1
L27	5/4/2007	1-2	7.24
L-35	5/4/2007	1-2	32.2
	5/4/2007	2-3	9.28
L-36	5/4/2007	0-1	48.4
	5/5/2007	1-2	16.7
M-15	5/4/2007	2-3	10.1
	5/5/2007	3-4	79.3
N34	5/4/2007	0-1	16.6
N34	5/4/2007	1-2	8.73
O13	5/4/2007	1-2	12.6
O25	5/5/2007	0-1	35.1
O25	5/4/2007	1-2	28.1
O5	5/4/2007	0-1	67.5
O5	5/4/2007	1-2	34.5