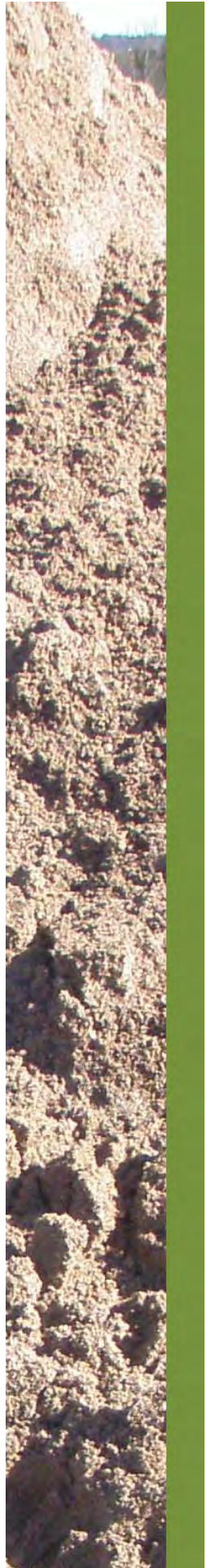


Appendix G

Resource Assessment *Applicant and Harrington McAvan Ltd*



Spencer Pit

Test Pit Log #1

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.45m Dark brown topsoil	70m west of house and 31m south of hydro pole by road
0.45m	0.45 – 1.5m Overburden	
1.5m	1.5 – 2.5m Medium sand, fairly clean	
2.5m	2.5 – 4.6m Wentworth till	
4.6m		Stop hole; dry
5m		
6m		
7m		
8m		
9m		
10m		

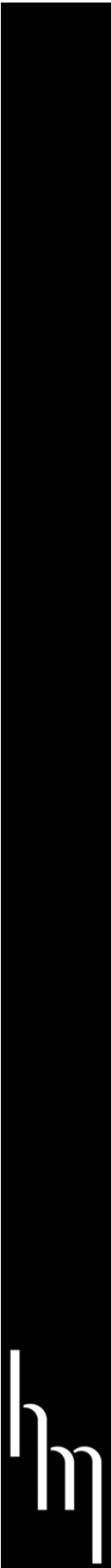


Spencer Pit

Test Pit Log #3

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±312m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.2m Dark brown topsoil	73m south east of fencerow on lower slope
1m	0.2 – 1.2m Fine to coarse gravel, becoming clean, coarse sand	Outwash sand and gravel
2m	1.2 – 4.6m Fine, clean sand (90%) becoming coarser with depth	
3m		
4m		
5m	4.6m – Top of Bedrock (Guelph Formation)	Stop hole at bedrock; dry
6m		
7m		
8m		
9m		
10m		

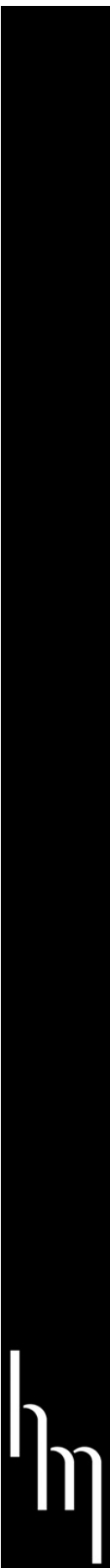


Spencer Pit

Test Pit Log #4

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±310m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.2m Dark brown topsoil	76m west of TP#3 and 67m south of fence row on ridge
1m	0.2 – 1.8m Coarse, sandy gravel	
2m	1.8 – 2.4m Clean, fine sand (mortar sand)	
3m	2.4 – 4.9m Dirty sand and gravel with boulders up to 0.8m in diameter	
4m	4.9m Wentworth till	Stop hole at till; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #5

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±311m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.6m Topsoil and overburden	136m east of woodlot and 63m north of tracks
1m	0.6 – 3.4m Sand and gravel with pebbles and 100 – 250mm cobbles	> 40% stone; maximum 410mm
2m		
3m	3.4 – 4.4m Sand and gravel becoming dirtier at depth	
4m	4.4m Wentworth till	Stop hole at till; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #7

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 3m Thin lens of sand and gravel becoming clean, medium sand; clean, coarse sand with small pebbles at depth</p> <p>3m + Sharp sand becoming gravelly with 25mm to 37mm stones</p>	<p>North of TP#6, 32m south of fence row</p> <p>Bulk sample taken</p> <p>Stop hole because side are collapsing; dry</p>



Spencer Pit

Test Pit Log #8

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±316m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p> <p>0.2 – 1.2m Clean, medium to coarse sand with fine gravel</p> <p>1.2 – 4.0m Clean medium sand (mortar) becoming finer sand at depth</p>	<p>28m south of fence row and 103m east of centre fence row</p> <p>10% stone</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #9

HM Project Number: 10-47

Date: November 2, 2010

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

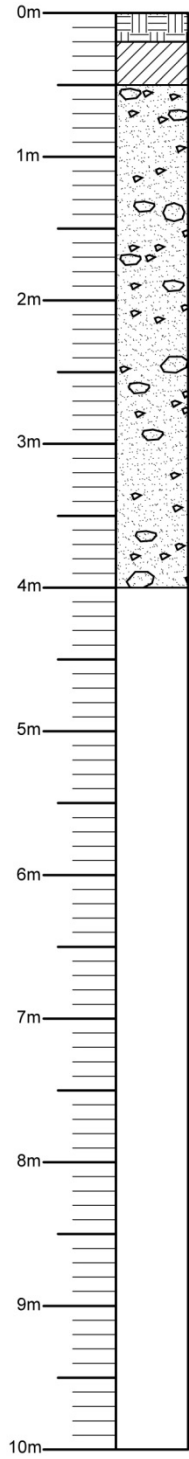
Supervisor: SM/ BJ

Method: SK 210 LC Excavator

Elevation TOC:

Samples: Bulk

GS: ±316m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p>	<p>In corner of southeast field</p>
	<p>0.2 – 0.5m Overburden</p>	<p>10% stone; max diameter of 75mm</p>
	<p>0.5 – 4.0m Clean, medium to coarse sand with fine gravel</p>	<p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #10

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 4.6m Clean, medium sand and gravelly sand with pebbles</p>	<p>In corner of northeast field; 39m north of fencerow and 25m east of fence</p> <p>10-20% stone;</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #11

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

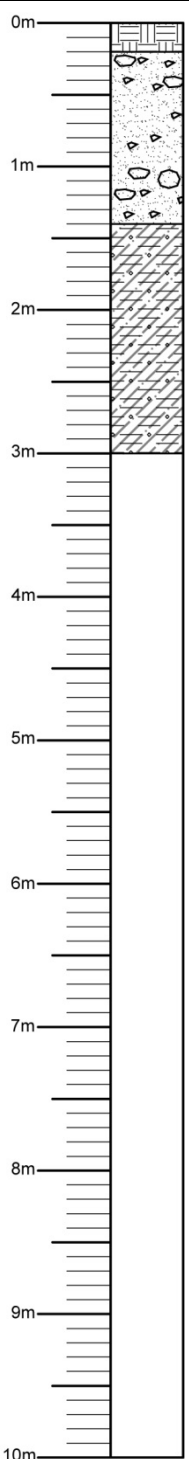
Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p> <p>0.2 – 2.0m Clean, medium to coarse gravelly sand</p> <p>2.0 – 5.0m Clean, medium sand</p>	<p>On knoll in corner of west field; 35m from Carmeuse fence and 410m from house</p> <p>20-30% stone; pebbles 37 to 75mm in diameter</p> <p>10% stone; fine gravel</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #12

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±316m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p> <p>0.2 – 1.4m Clean, medium to coarse gravelly sand</p> <p>1.4m Till</p>	<p>West field; 35m from Carmeuse fence and 320m east of house</p> <p>Stop hole; dry</p>

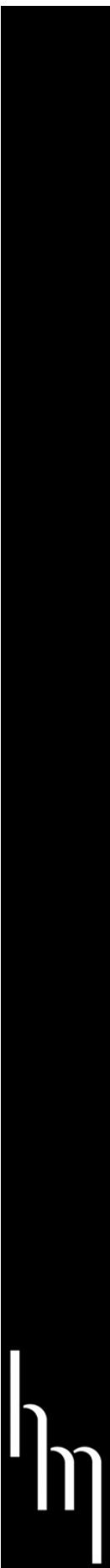


Spencer Pit

Test Pit Log #13

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.5m Topsoil and overburden</p> <p>0.5 – 3.6 m Clean, medium to coarse gravelly sand becoming finer with depth</p> <p>3.65 m - Bedrock</p>	<p>West of TP #12</p> <p>Stop hole; dry</p>

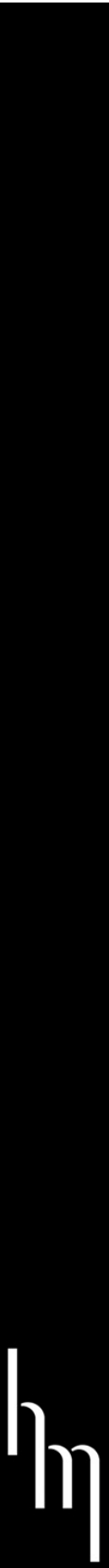


Spencer Pit

Test Pit Log #14

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

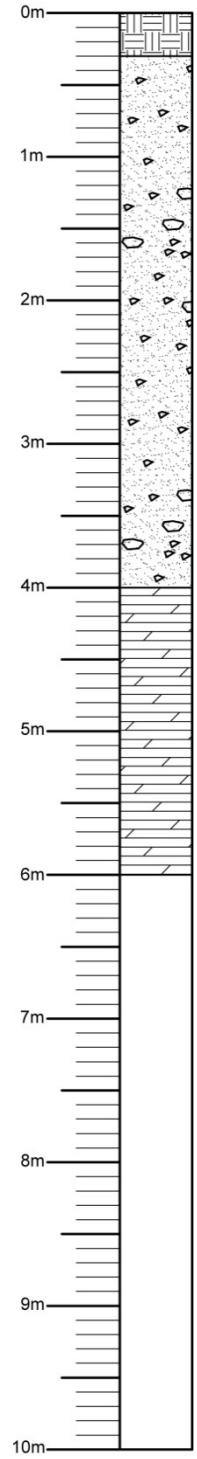
Depth (m)	Description:	Remarks:
	<p>0 – 1.0m Topsoil and overburden</p> <p>1m – Bedrock (blue-grey colour)</p>	<p>96m north of TP #14 in low area</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #15

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

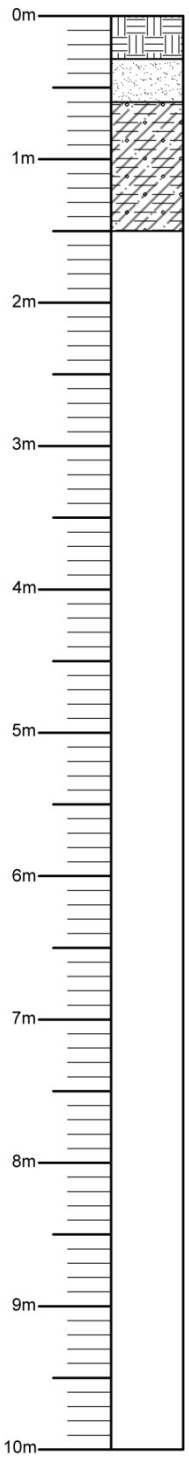
Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil and overburden</p> <p>0.3 – 4m Sand with minor amount of gravel (10%)</p> <p>4 m – Bedrock</p>	<p>North of hydro corridor, 93m from end of fencerow and 40m north of tower</p> <p>Stop hole; dry</p>

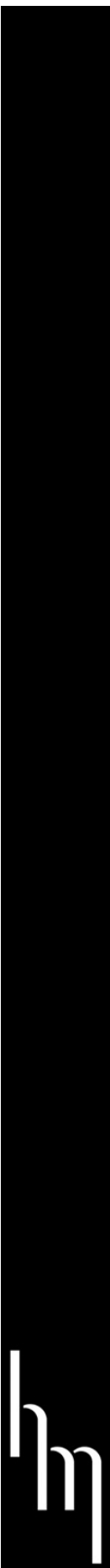


Spencer Pit

Test Pit Log #16

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 0.6m – Sandy material</p> <p>0.6 – 1.5m - Till</p>	<p>70m east of foundation on knoll</p> <p>Stop hole; dry</p>

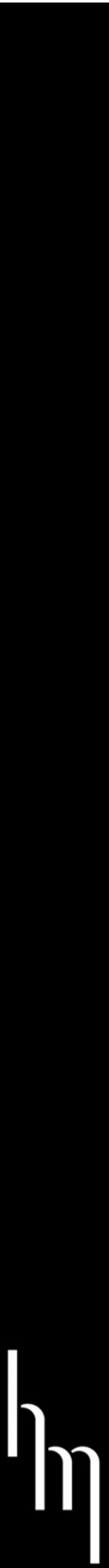


Spencer Pit

Test Pit Log #17

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±310m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 1.0m Topsoil and overburden</p> <p>1.0 – 2.0m – Coarse sand and gravel with silt</p> <p>2.0 – 3.0m + - Till</p>	<p>88m north of Carmeuse fence and 120m west of bush in low area of field</p> <p>Stop hole; dry</p>



Spencer Pit

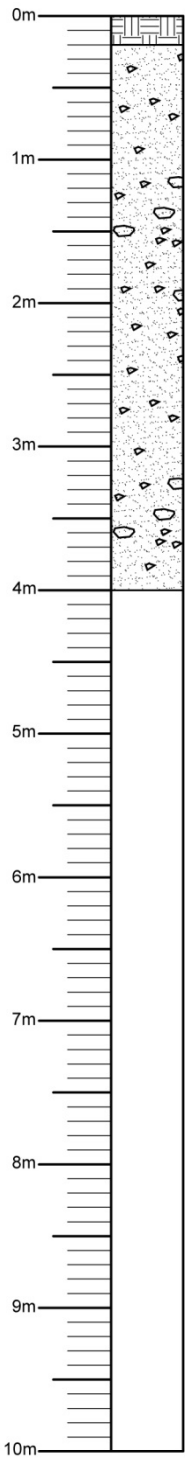
Test Pit Log #18

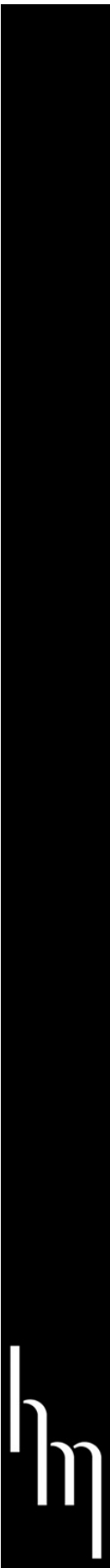
HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±310m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	95m north of Carmeuse gates by bush in low area of field
0.3m	0.3 – 0.6m - Sand and gravel	
0.6m	0.6 – 1.6m – Sand	
1.6m	1.6 – 3.0m + - Till	
3m		Stop hole; dry
4m		
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit		Test Pit Log #19	
HM Project Number: 10-47		Date: November 2, 2010	
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa		Supervisor: SM/ BJ	
Method: SK 210 LC Excavator		Elevation TOC:	
Samples: Bulk		GS: ±317m ASL	

Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p> <p>0.2 – 4.0m + Sand with minor gravel (10%)</p>	<p>On knoll at the northwest corner of the woodlot</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #20

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

Depth (m)	Description:	Remarks:
0m	0m Topsoil	35m east of TP#19
0 - 1m	0 – 1.0m Gravelly sand, with pebbles and cobbles	Up to 25% stone
1.0 - 4.0m +	1.0 – 4.0m + Medium to coarse sand	
4.0m		Stop hole; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #21

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.2m Topsoil	162m south of house and 40m west of fencerow
0.2m	0.2 – 0.5m Sand and gravel	
1m	0.5 – 2.2m Sand, becoming gravelly sand	
2m	2.2 – 4.5m Sand	
4.5m	4.5m Silt	
5m		Stop hole; dry
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #22

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±316m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.2m Topsoil	55m south of corner of lot with house
1m	0.2 – 2.2m Sand and gravel	> 30% stone
2m	2.2 – 4.0m Sand to bottom of hole	
3m		
4m		Stop hole; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #23

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 3.2m Coarse, sand and gravel</p> <p>3.2 – 4.0m+ Medium sand</p>	<p>On knoll, 51m west of tower</p> <p>> 35% stone (25-125mm, with 20% > 25mm) – bulk sample taken; good hole</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #24

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	65m south of road fence and 58m west of fence by house
1m	0.3 – 1.3m Coarse, sand and gravel	Stone smaller than TP#23
2m	1.3 – 3.0m + Layers of sand and gravelly sand	20-30% Stone; one large boulder 1000mm in diameter
3m		Stop hole; dry
4m		
5m		
6m		
7m		
8m		
9m		
10m		

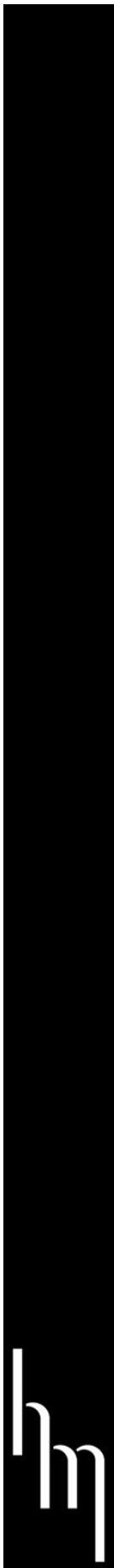


Spencer Pit

Test Pit Log #25

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil and overburden	30m north of TP#5
0.3m	0.3 – 0.8m Gravelly sand	Good hole
1m	0.8 – 1.8m Coarse sand	
2m	1.8 – 4.6m Coarse sand and gravel	
3m		
4m		
4.6m	4.6m + Till (blue)	Stop hole; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #26

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

Depth (m)	Description:	Remarks:
<p>0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m</p>	<p>0 – 0.3m Topsoil 0.3 – 3.5m Till</p>	<p>40m north of TP#25</p> <p>Stop hole; dry</p>

Spencer Pit

Test Pit Log #27

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±311m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.5m Topsoil and overburden	33m east of TP#5
1m	0.5 – 2.0m Sand and pebbly gravel	> 35% stone
2m	2.0m Till	Stop hole; dry
3m		
4m		
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #28

HM Project Number: 10-47

Date: November 2, 2010

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

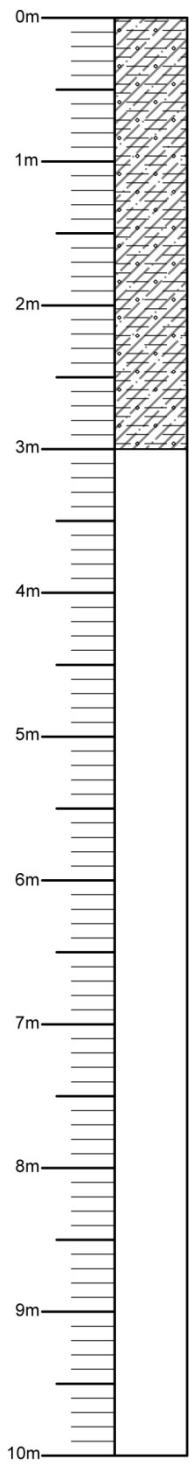
Supervisor: SM/ BJ

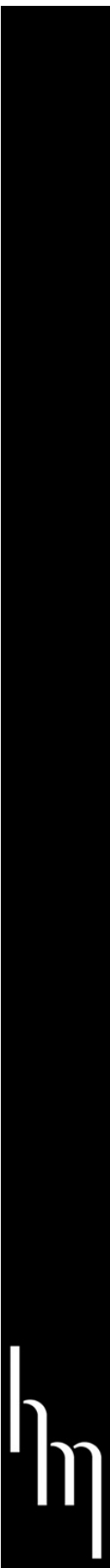
Method: SK 210 LC Excavator

Elevation TOC:

Samples: Bulk

GS: ±308m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 3.0m Till</p>	<p>208m east of woodlot, adjacent to tracks</p> <p>Stop hole; dry</p>

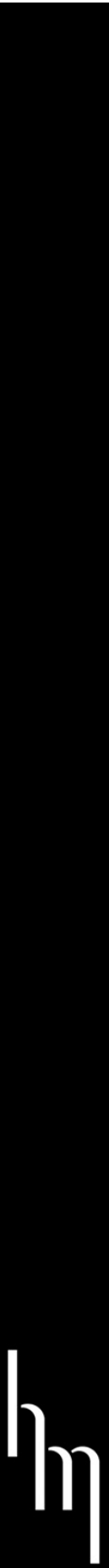


Spencer Pit

Test Pit Log #29

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±314m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.2m Topsoil</p> <p>0.2 – 1.2m Coarse sand with minor gravel</p> <p>1.2 – 2.2m Clean, medium sand</p>	<p>Northeast hay field; 338m west of eastern house and 15m north of fencerow</p> <p>10-15% stone</p> <p>Stop hole at 3m because sides are caving in; dry</p>



Spencer Pit

Test Pit Log #30

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil and overburden</p> <p>0.3 – 5.0m Medium sand with minor gravel (37mm) at 2.5m</p>	<p>Lower area in northeast hay field; 47m north of TP#29 and 97m south of Highway 24</p> <p>10-15% stone (25-75mm diameter)</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #31

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	Northeast hay field; 83m east of hydro tower
1m	0.3 – 1.0m Sand and pebbly gravel	30% stone (ave 25-75mm with max diameter of 200mm)
2m	1.0 – 3.7m Medium to coarse, clean sand	
3m		
4m		Stop hole sides are collapsing; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #32

HM Project Number: 10-47	Date: November 2, 2010
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM/ BJ
Method: SK 210 LC Excavator	Elevation TOC:
Samples: Bulk	GS: ±317m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 1.0m Sand and pebbly gravel</p> <p>1.0 – 4.0m Medium to coarse, clean sand</p>	<p>Northeast hay field; 145m east of hydro tower</p> <p>30% stone (ave 25-50mm)</p> <p>Stop hole sides are collapsing; dry</p>



Spencer Pit

Test Pit Log #32NH

HM Project Number: 10-47

Date: October 10, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

Supervisor: SM

Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±316m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.6m Topsoil</p>	
	<p>0.6 - 3.0m Sand</p>	
	<p>3.0 – 4.0m Medium Sand</p>	
	<p>4.0 – 6.0m Becomes boney with coarse gravel</p>	<p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #33NH

HM Project Number: 10-47

Date: October 10, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

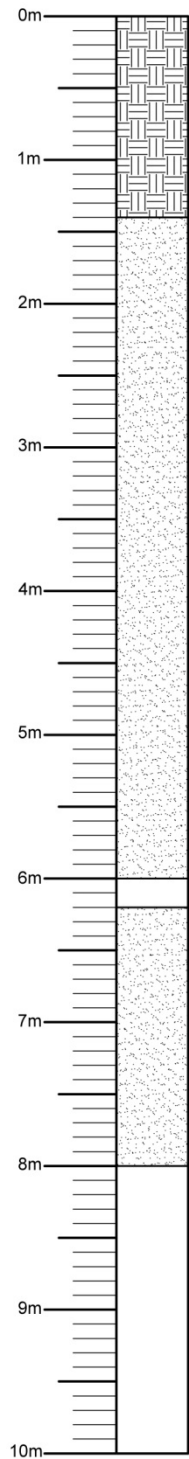
Supervisor: SM

Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±315m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 1.4m Topsoil and overburden</p> <p>1.4 – 6.0m Good clean coarse and medium sand</p>	<p>Below grade</p>
	<p>6.0 – 6.2m Medium and coarse sand 6.2 – 8.0m Coarse sand</p>	<p>Approx. 30m from Highway 24 in depression approx. 3m</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #34NH

HM Project Number: 10-47	Date: October 10, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±315.5m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.5m Overburden	
0.5m	0.5 – 1.0m Sand	
1m	1.0 – 4.5m Coarse sand with small pebbles	
2m		
3m		
4m		
4.5m	4.5 – 5.5m Approx. finer sand	123m from driveway 30m from Highway 24
5m		
5.5m	5.5 – 6.0m Fine sand	
6m	6.0m + Fine sand and till	
7m		
8m		
9m		
10m		

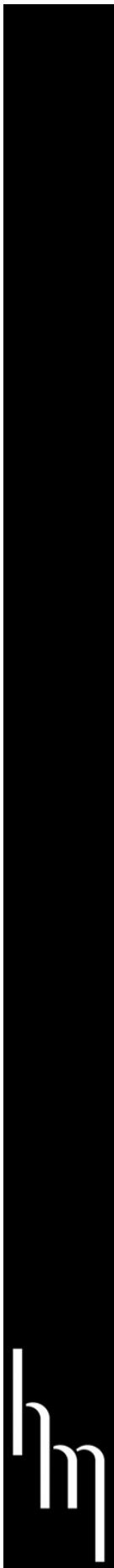


Spencer Pit

Test Pit Log #35NH

HM Project Number: 10-47	Date: October 10, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±309.5m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.6m Topsoil and overburden	
1m	0.6 – 2.6m Coarse fairly clean sand	
2m	2.6 – 3.6m Medium and coarse sand	
3m	3.6 – 5.0m Finer sand with small pebbles, progressively dirty sand	10% stone (ave 25-40mm)
4m	5.0 – 6.0m Wentworth till	Stop hole; dry
5m		
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #36NH

HM Project Number: 10-47

Date: October 10, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

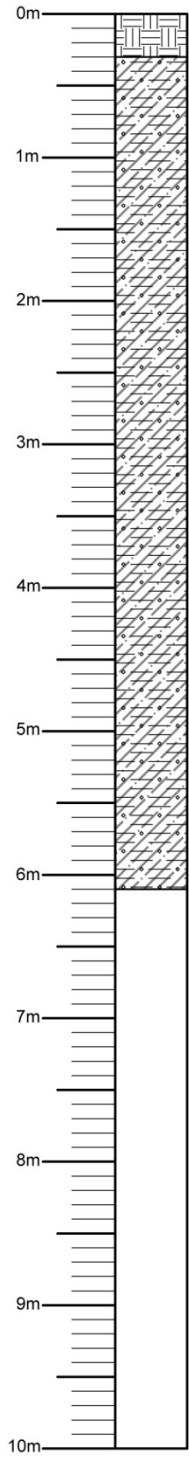
Supervisor: SM

Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±318m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 6.1m Wentworth till</p>	<p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #37NH

HM Project Number: 10-47	Date: October 10, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±319m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.15m Topsoil</p> <p>0.15 – 6.1m Wentworth till</p>	<p>Hard to dig, white-ish stone at Stop hole; dry</p>



Spencer Pit

Test Pit Log #38NH

HM Project Number: 10-47

Date: November 23, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

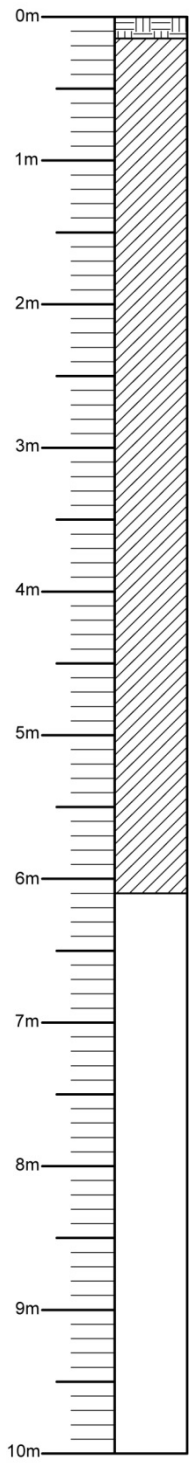
Supervisor: SM

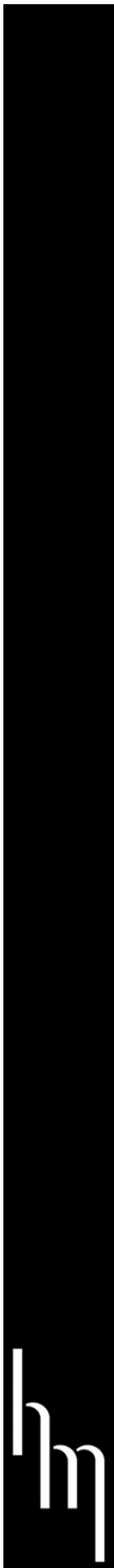
Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±313.5m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.15m Topsoil</p> <p>0.15 – 1.5m Overburden</p> <p>1.5 – 6.0m Hard Limestone</p>	<p>Stop hole 6.0m</p>

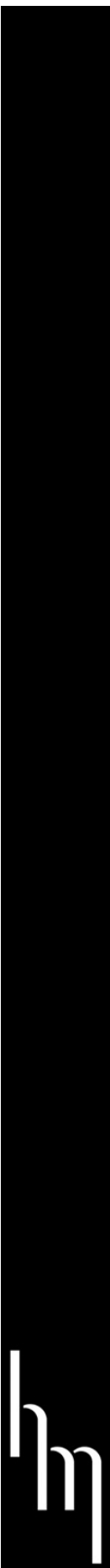


Spencer Pit

Test Pit Log #39NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±316m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.15m Topsoil	Picture taken
0.15m	0.15 – 0.3m Overburden	
1m	0.3 – 1.5m Pit run, clean	20% stone; cobbles <100mm
2m	1.5 – 5.0m Overburden	
3m		
4m		
5m		Stop hole; dry
6m		
7m		
8m		
9m		
10m		



Spencer Pit

Test Pit Log #40NH

HM Project Number: 10-47

Date: November 23, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

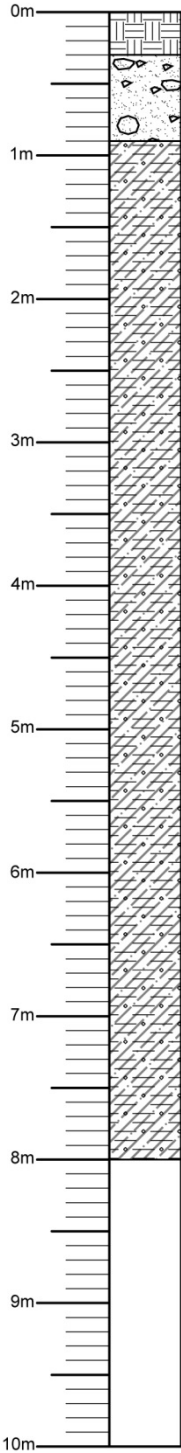
Supervisor: SM

Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±316m ASL

Depth (m)	Description:	Remarks:
	0 – 0.3m Topsoil	
	0.3 – 0.9m Gravel (Type I B)	30% Cobbles
1m	0.9 – 8.0m Wentworth till	
2m		
3m		
4m		
5m		
6m		
7m		
8m		Stop hole; dry
9m		
10m		

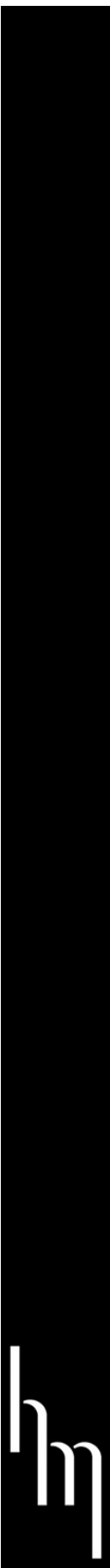


Spencer Pit

Test Pit Log #41NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±313.5m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.15m Topsoil	
1m	0.15 – 1.5m Sandy gravel, clean (Type II B)	
2m	1.5 – 8.0m Pit run, clean	25% stone, cobbles <50mm
3m		
4m		
5m		
6m		
7m		
8m		Stop hole; dry
9m		
10m		



Spencer Pit

Test Pit Log #42NH

HM Project Number: 10-47

Date: November 23, 2012

Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa

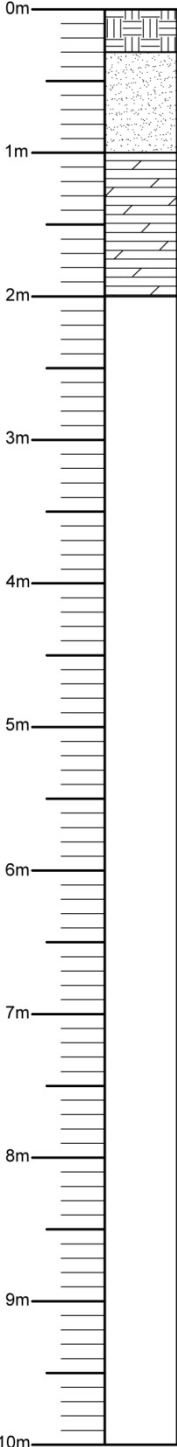
Supervisor: SM

Method: 350 Excavator

Elevation TOC:

Samples: Bulk

GS: ±310.5m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 1.0m Sand</p> <p>1.0 – 2.0m White limestone</p>	<p>Picture taken</p> <p>Stop hole; dry</p>



Spencer Pit

Test Pit Log #44NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±310m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 6.0m Overburden</p> <p>6.0m + White limestone</p>	<p>Stop hole; dry</p>

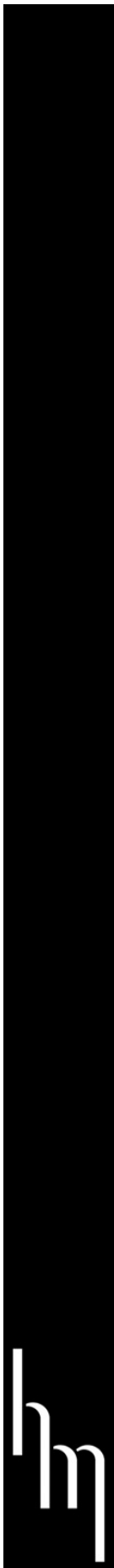


Spencer Pit

Test Pit Log #45NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±315m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	
1m	0.3 – 4.0m Overburden	
2m		
3m		
4m	4.0 – 7.0m Type II B	Sample taken
5m		
6m	7.0 – 12.0m Fine sand (possibly Masonry)	Stop hole at 12m; dry
7m		
8m		
9m		
10m		

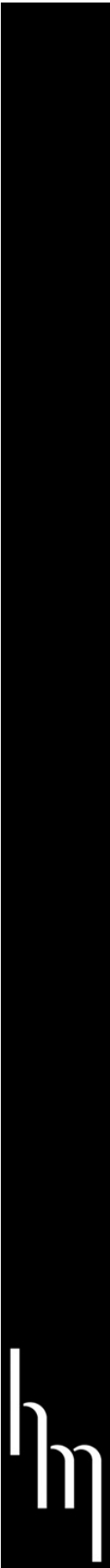


Spencer Pit

Test Pit Log #46NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±316m ASL

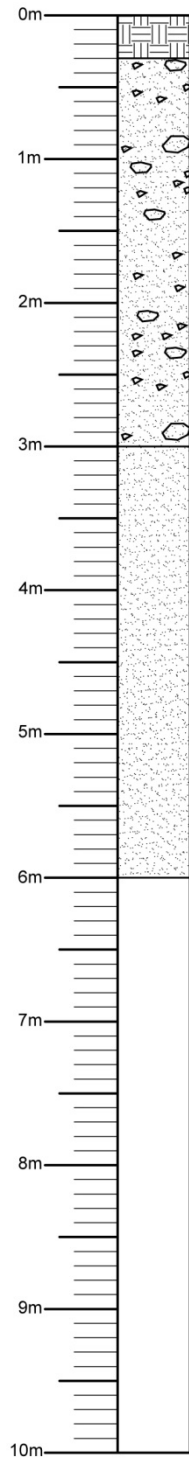
Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	
1m	0.3 – 2.0m Type II B	
2m	2.0 – 5.0m Sand (possibly Masonry)	Sample taken
3m		
4m		
5m	5.0 – 6.0m Clay	
6m	6.0 – 8.0m Type II B, clean	
7m		
8m		Stop hole; dry
9m		
10m		



Spencer Pit

Test Pit Log #48NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±313.5m ASL

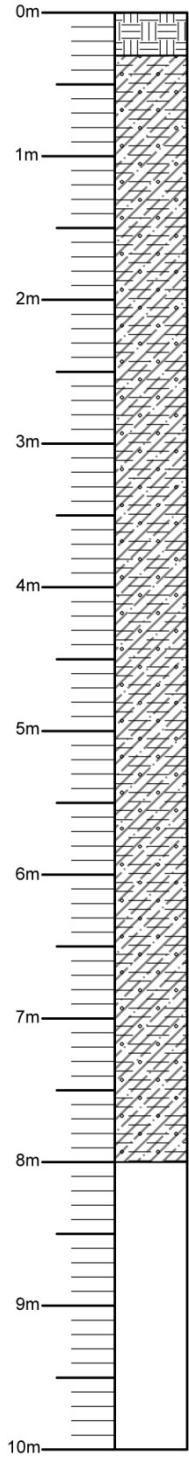
Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 3.0m Type I B</p> <p>3.0 – 6.0m Masonry sand (clean)</p>	<p>Picture taken</p> <p>Stop hole; dry</p>

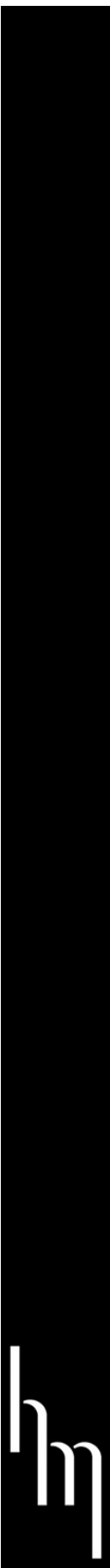


Spencer Pit

Test Pit Log #49NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±314m ASL

Depth (m)	Description:	Remarks:
	<p>0 – 0.3m Topsoil</p> <p>0.3 – 8.0m Wentworth till</p>	<p>Stop hole; dry</p>

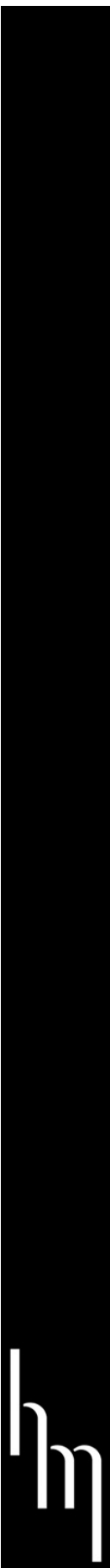


Spencer Pit

Test Pit Log #50NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±312m ASL

Depth (m)	Description:	Remarks:
0m	0 – 0.3m Topsoil	
0.3m	0.3 – 1.0m Type I B	40% cobbles
1m	1.0 – 5.0m Medium sand	
2m		
3m		
4m		
5m	5.0 – 8.0m Masonry sand	
6m		
7m		
8m		Stop hole; dry
9m		
10m		



Spencer Pit		Test Pit Log #51NH	
HM Project Number: 10-47		Date: November 23, 2012	
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa		Supervisor: SM	
Method: 350 Excavator		Elevation TOC:	
Samples: Bulk		GS: ±316m ASL	

Depth (m)	Description:	Remarks:
	0 – 0.3m Topsoil	Picture taken
	0.3 – 3.0m Type I B	
	3.0 – 8.0m Sand (possibly Masonry)	
		Stop hole; dry



Spencer Pit

Test Pit Log #52NH

HM Project Number: 10-47	Date: November 23, 2012
Location: Part Lots 15-18, Division B, Township of Guelph- Eramosa	Supervisor: SM
Method: 350 Excavator	Elevation TOC:
Samples: Bulk	GS: ±313m ASL

Depth (m)	Description:	Remarks:
<p>The diagram shows a vertical scale from 0m to 10m. The top 0.3m is filled with a brick-like pattern representing topsoil. From 0.3m to 8.0m, the area is filled with a stippled pattern and contains numerous small circles and triangles representing sand and mixed stones. From 8.0m to 10m, the area is empty, representing a dry hole.</p>	<p>0 – 0.3m Topsoil</p> <p>0.3 – 8.0m Sand and stone (mixed)</p>	<p>30% cobbles < 50mm</p> <p>Stop hole; dry</p>

