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***HYDROGEOLOGICAL INVESTIGATION
PROPOSED SUBDIVISION
PART OF LOT 20, CONCESSION 9
TOWN OF HALTON HILLS, ONTARIO***

Ref. No. 2900-10-4

Updated April 2010

Prepared for:

*Edenoak Homes
1443 Hurontario Street
Mississauga, Ontario
L5G 3H5*

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**TOWN OF HALTON HILLS
PLANNING DEPARTMENT**

MAY 12, 2010



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1.0 INTRODUCTION

V.A. Wood Associates Limited was retained by Eden Oak Homes to carry out a hydrogeological investigation for the proposed residential subdivision on part of Lot 20, Concession 9 in the Hamlet of Glen Williams, Town of Halton Hills, Ontario.

The proposed sub-division has an area of approximately 7.36± hectares which will be subdivided into 33 lots, and is located on a plateau above a residential area. The project will also involve the construction of 600± metres of roads and underground services, as well as a storm water retention pond. There are existing deep wells on the adjoining residences to the north and west of the property, and a marsh land exists north of the site. There are concerns that the development will affect the groundwater regime and have an adverse impact on the deep wells, the marsh and water table at the sites and the adjacent properties.

The purpose of the investigation was to reveal the subsurface conditions, assess the hydrogeological conditions, and determine the impacts of the development on the site, surrounding properties and the natural environment, and provide recommendations to prevent or minimize these impacts.

2.0 AVAILABLE GEOLOGICAL INFORMATION

Available Quaternary and bedrock geological maps of the Ontario Department of Mines indicate that the area of Glen Williams and Wildwood Hamlets in Georgetown is underlain by glacial drift deposits overlying shale of the Queenston Formation.

Eight geotechnical boreholes drilled at the site during the May 1996 investigation encountered surficial deposits of silty sand, sandy silt and clayey silt till overlying bedded sand. The location plan and logs of the boreholes drilled during this investigation, and laboratory soil analyses, are shown in Appendix A.

Water well records were obtained from the Ministry of the Environment (MOE), and the available well data (as of May 14, 2009) showed that there are 4 deep wells within 1 km from the property boundaries. The well records and their approximate locations are shown in Appendix B.

3.0 FIELD INVESTIGATIONS

To assess the hydrogeological conditions, seven boreholes with monitoring wells were put down at the locations shown on Enclosure 1.

The boreholes were advanced to the sampling depths by means of a power-auger machine, using 210 mm diameter hollow stem augers. Standard Penetration tests were carried out at frequent intervals of depth and the results are shown on the Borehole Logs as N-values. Soil samples were obtained from the SPT spoon and were transported to our soils laboratory for further classification and testing.

Ground water monitoring wells were installed in all of the seven boreholes. Each monitoring well is comprised of 50 mm diameter PVC pipe with filter sock covered well screen at the bottom 3 metres. The annular space was backfilled with industrial sand around the screen area, then bentonite hole plug for the next 2 metres followed by drill cuttings. A concrete plug and a steel well protectors with lock was provided for each well.

The field work was supervised by a soils technician and the ground elevation at each borehole location was interpolated from the contour lines shown on drawing Project No. 95112, prepared by EMC Group Limited.

Ground water levels in the wells were monitored over a full seasonal cycle from May 2009 to April 2010.

A site visit was carried out on August 9, 2006 and April 20, 2010. Photographs taken during the visits are on file.

4.0 GEOLOGICAL PROFILE

Full details of the soils encountered in each borehole are given on the Monitoring Well Logs, Enclosures 2 to 8 inclusive, and on the 1996 Borehole Logs in Appendix A.

Based on the borehole data, three geological sections were made along the lines of profile shown on Enclosure 1. The built up geological sections are shown on Enclosures 9 to 11, and reference to these indicate that the soil profile consists generally of a 3 to 8 metres thick sequence of sandy silt to clayey silt till with layers of clayey silt, gravelly sand and sandy clay. This sequence is underlain by a deposit of sand and silty sand. Based on the grain size analyses (discussed in the next section), this sand/silty sand deposit is comprised generally of fine sand.

5.0 GROUNDWATER CONDITIONS

Monitoring of groundwater levels in the monitoring wells was carried out between June 12, 2009 and April 15, 2010, and the findings are summarized in the table below:

BH No.	Ground Elev.	After Drilling (May 27-Jun 4, 2009)	Jun 12, 2009	Jun 29, 2009	Jul 28, 2009	Feb 2, 2010	Apr 15, 2010
MW101	264.5m	255.7m	255.7m	255.69m	255.68m	255.2m	255.35m
MW102	243m	236.3m	236.3m	235.98m	235.8m	235.75m	236.1m
MW103	261.5 m	below 252m	damaged	--	--	--	--
MW104	262.5 m	257.2m	257.2m	256.92m	257.16m	257.1m	257.1m
MW105	250 m	249.5m	249.53m	249.32m	249.32m	249.15m	249.53m
MW106	263.2m	253.9m	253.9m	below 253.9m	below 253.9m	below 253.9m	below 253.9m
MW107	266.5m	260.0m	260.0m	259.79 m	258.7m	259.6m	below 258.7m

It is noted that, except for MW107, the differences in the water levels over the 11± month monitoring period is less than 0.5 metres, which indicates that these water levels are representative of the groundwater condition at the site. MW103 was damaged (appears to be vandalized) and had not been reinstated.

The static water level in the water wells located north and east of the site were obtained from the MOE well records.

Historical water level data were also available from measurements taken during the 1996 investigation (taken on May 3, 1995 or 2 days after completion of the field work) and the findings are shown on the following table:

<i>BH No.</i>	<i>WL. on May 3, 1995</i>		<i>Cave In</i>		<i>Remarks</i>
	<i>Below Grade</i>	<i>Elev.</i>	<i>Below Grade</i>	<i>Elev.</i>	
1	<i>Dry</i>	-	<i>No</i>	-	
2	0.2 m	257.6 m	2.0 m	255.8 m	<i>Water level in swale at 257.6 m</i>
3	<i>Dry</i>	-	3.3 m	262.7 m	
4	3.2 m	260.8 m	<i>No</i>	-	
5	2.1 m	259.4 m	<i>No</i>	-	
6	<i>Dry</i>	-	1.7 m	259.3 m	
7	<i>Dry</i>	-	5.0 m	258.0 m	
8	<i>Dry</i>	-	5.6 m	260.4 m	

Based on the water level records, the ground water profile is shown on the geological sections in Enclosures 9 to 11. Reference to these sections indicate that the ground water table generally follows the ground surface, and within most of the site it is generally within 5 to 8 metres from the ground surface (or between Elev. 261 and Elev. 250), except at the extreme east side where it dips eastward following the 20 metre high slope.

The water levels at the location of the water wells at the north and east of the site were based on the static water levels shown on the MOE well records. As shown in Section C-C' the ground water level at the water well locations are significantly deeper (at about 15 metres below grade) than at the site and the deep well at the east of the site. This caused

the relatively steep ground water profile as shown in Section C-C'. Such a steep gradient is considered inconsistent with the predominantly sandy soil profile. It is likely that the true static water level at these wells are much higher, and are probably within 5 to 10 metres below ground surface.

Based on the ground water levels, a water table contour map has been produced and is shown on Enclosure 12. The water table contour map and geological sections show that the direction of groundwater flow is generally towards the east (towards Credit River) and locally to the north following the slope.

A seepage area (likely to be a spring) exists at the top of the gully/swale at approximately Elev. 256 to 257 m, as shown on Enclosure 12, on the south half of the area classified as MAM2-10. Based on the water table contours, the water table at the seepage area is about 2 metres below ground surface and, in view of this, the seepage appears to be caused by perched water, probably on a clayey silt till or silt deposit (which was encountered in MW104 between Elev. 255 m and Elev. 259 m). Since the seasonal variation in the water table is generally within 0.5 m, the seasonal high table is not expected to have a significant increase in the seepage flow.

Another wet area was observed on the north half of MAM2-10, starting from just southwest of MW105 to about the north end of the property. Geological Section A-A' shows that the ground water table intersects that ground surface near MW105, indicating that the west area is a natural spring. Further north, the water table dips below the ground surface, indicating that the wet area is likely due to perched water probably on top of the surficial silty clay which was encountered in MW105.

6.0 LABORATORY TESTING

Grain size analyses were carried out on a number of samples to assess the permeability of the subsoils. The grain size distribution curves are shown on Enclosures 13 to 20.

Grain size analyses were also carried out on a number of samples during the May 1996 geotechnical investigation. The grain size distribution curves are shown in Appendix A.

The results of the grain size analyses are summarized in the table below.

<i>Investigation</i>	<i>Sample No.</i>	<i>Elevation</i>	<i>Soil Classification</i>
<i>June 2009</i>	<i>MW101/SS2</i>	<i>262.8</i>	<i>Sand and Silt</i>
	<i>MW101/SS6</i>	<i>258.2</i>	<i>Clayey Silt</i>
	<i>MW101/SS8</i>	<i>255.2</i>	<i>Sandy Silt</i>
	<i>MW102/SS4</i>	<i>239.7</i>	<i>Silty Sand</i>
	<i>MW105/SS3</i>	<i>247.5</i>	<i>Fine Sand, some silt</i>
	<i>MW105/SS6</i>	<i>243.7</i>	<i>Fine Sand</i>
	<i>MW107/SS4</i>	<i>263.2</i>	<i>Fine Sand</i>
	<i>MW107/SS6</i>	<i>260.2</i>	<i>Fine Sand</i>
<i>May 1996</i>	<i>BH1/SS1</i>	<i>263.3</i>	<i>Well Graded Sand, some gravel</i>
	<i>BH3/SS1</i>	<i>265.3</i>	<i>Silty Well Graded Sand</i>
	<i>BH4/SS5</i>	<i>259.2</i>	<i>Clayey Silt</i>
	<i>BH5/SS4</i>	<i>258.2</i>	<i>Silty Clay</i>
	<i>BH6/SS1</i>	<i>260.2</i>	<i>Clayey Silt</i>
	<i>BH6/SS2</i>	<i>259.3</i>	<i>Sandy Silt</i>
	<i>BH7/SS4</i>	<i>259.7</i>	<i>Clayey Silt</i>
	<i>BH8/SS3</i>	<i>263.4</i>	<i>Silty Fine Sand</i>

7.0 DISCUSSION AND RECOMMENDATIONS

7.1 Geological and Hydrogeological Conditions

The geological profile at the site and the immediately adjacent areas is comprised of a 3 to 8 metre thick sequence of sandy silt to clayey silt till with layers of clayey silt, gravelly sand and sandy clay, followed by a thick deposit of sand and silty sand comprised mainly of fine sand.

Within the site the ground water table is generally within 5 to 8 metres from the ground surface (or between Elev. 261 and Elev. 250 m). The direction of groundwater flow is generally towards the east (towards Credit River) and locally to the north following the slope.

7.2 Impact of SWP Pond

It is anticipated that the SWM Pond will be located on the north half of MAM2-10 and will be formed by an embankment dam. In order not to impact the groundwater flow and quality the dam and pond should be relatively water-tight to prevent infiltration into the sandy subsoils and minimize any increase in seepage in the north half of MAM2-10. The pond should, therefore, have a clay bed and the dam should be provided with an impervious clay core. To minimize the effect on the Forb Mineral Meadow Marsh the outlet from the dam should exit to the north and downstream of the marsh.

The total seepage volume from the perched water seepage located at the north end of MAM2-10 is generally small, and is expected to have a minimal impact on the storage

capacity of the SWM Pond. If this seepage area has to be maintained, then the maximum flood level in the pond should be not exceed the elevation of the area.

7.3 Effect of Trenches on the Groundwater Regime

The groundwater level is generally between 5 metres and more than 15 metres below existing grade. Based on the proposed grading plan some regrading will be required on the east side of the property with possibly up to 3± metres of cut and fill. A number of cross sections showing cut and fill areas have been developed and these are shown in the Geotechnical Report.

It is anticipated that the service trenches will not exceed 3 metres in depth and, in this case, the excavations will likely to be above the ground water table and dewatering will not be required during the excavation.

Since the water wells are located below the plateau they are unlikely to affected by the trench excavations at the site.

The subsoils below the water table are comprised mainly of fine sand, which is highly permeable. Due to the high permeability of the subsoils, the cone of depression from dewatering will likely be shallow and the zone of influence of the cone will likely be very wide. In view of this, deep excavations that are substantially below the water table will likely require significant dewatering works and should be avoided.

For any excavations below the water table trench collars should be employed to ensure that groundwater flow is not impacted.

8.0 **STATEMENT OF LIMITATIONS**

The Statement of Limitations presented on Appendix 'C' is an integral part of this report.

V.A. WOOD ASSOCIATES LIMITED

Prepared by:

Rene Quiambao, P. Eng.



Reviewed by:

V. Wood, M.Eng., P. Eng.,

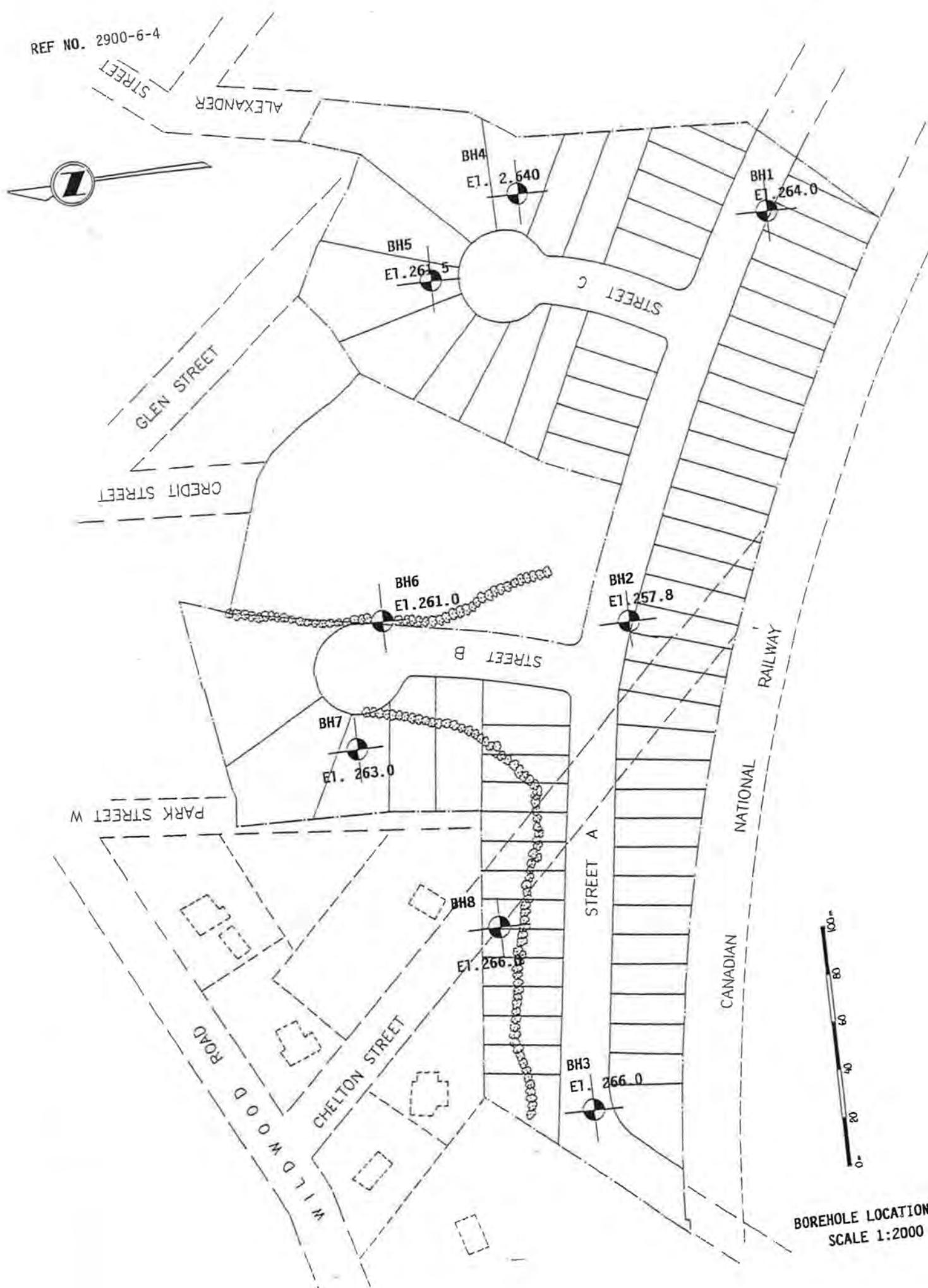


RQ/VW

A P P E N D I X A

2006 Geotechnical Investigation Data

REF NO. 2900-6-4



CLIENT: DESOL INVESTMENTS LTD
 PROJECT: PROPOSED SUBDIVISION
 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996

SUBSURFACE PROFILE			SAMPLES	PENETRATION RESISTANCE BLOWS/0.3m					WATER CONTENT %						
ELEVATION METERS	DEPTH METERS	DESCRIPTION	SYMBOL	GROUND WATER	NUMBER	TYPE	"N" BLOWS/0.3m	20	40	60	80	100	Wp	WL	UNIT WEIGHT
UNDRAINED SHEAR STRENGTH + FIELD VANE TEST • COMPRESSION TEST															
264.0	0	230mm TOPSOIL loose, brown GRAVELLY SAND moist			1	ss 8									
262.4	1.6	compact to very dense SANDY SILT TILL	D	R	2	ss 16									
261.0	3.0	moist damp trace of clay to 2 metres	R	Y	3	ss 34									
259.0	5.0		R	Y	4	ss 71									
		END OF BOREHOLE			5	ss 57									

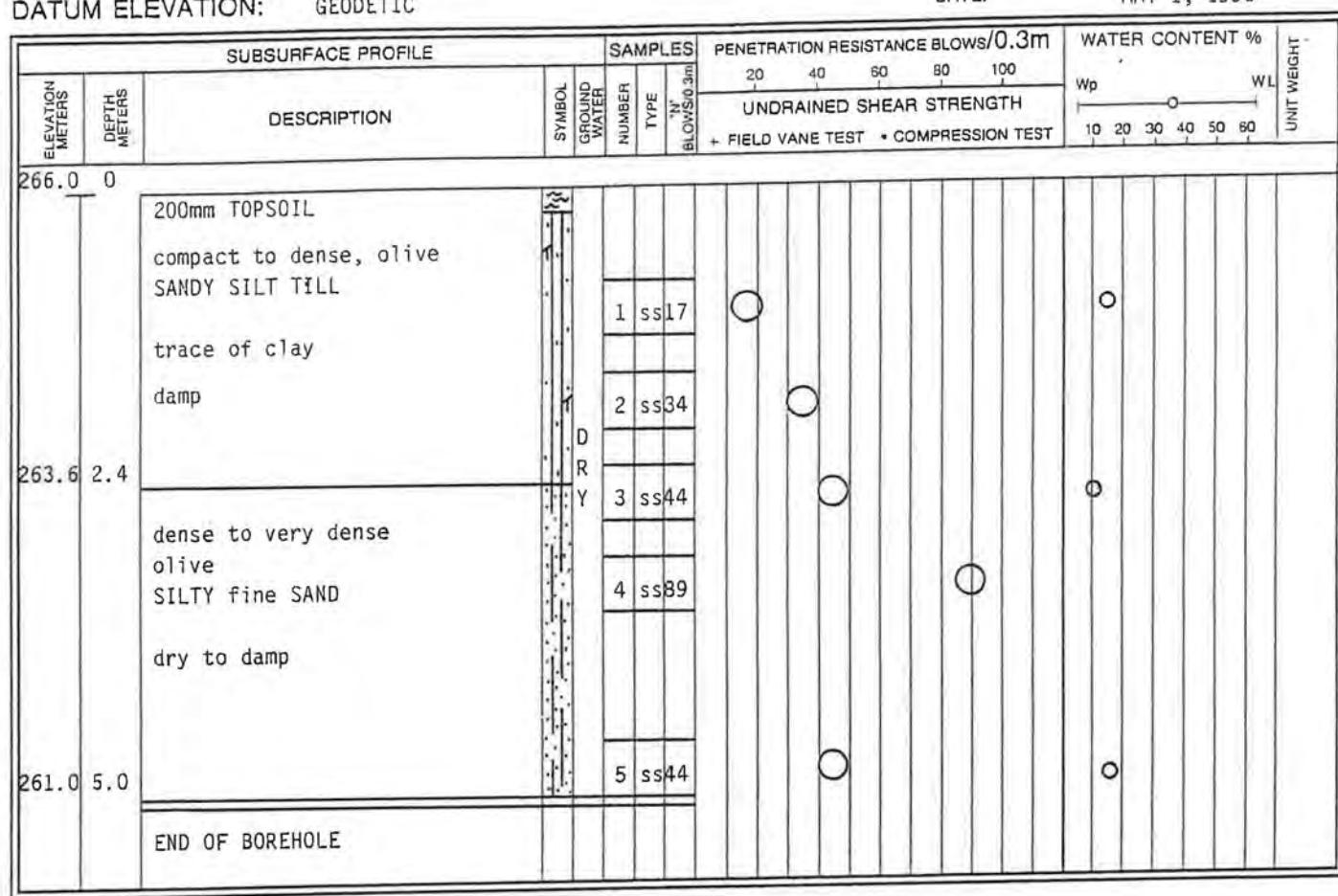
BOREHOLE N° 2

DATE: MAY 1, 1996

257.8	0	300mm TOPSOIL compact to dense trace of clay olive/brown			1	ss 11									
256.3	1.5	SANDY SILT TILL damp presence of stone fragments olive	D	R	2	ss 20									
254.8	3.0		R	Y	3	ss 36									
253.2	4.6		R	Y	4	ss 33									
252.8	5.0	hard, grey CLAYEY SILT w/silty fine sand pockets, damp			5	ss 39									
END OF BOREHOLE															

CLIENT: DESOL INVESTMENTS LTD
 PROJECT: PROPOSED SUBDIVISION
 LOCATION: GEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996

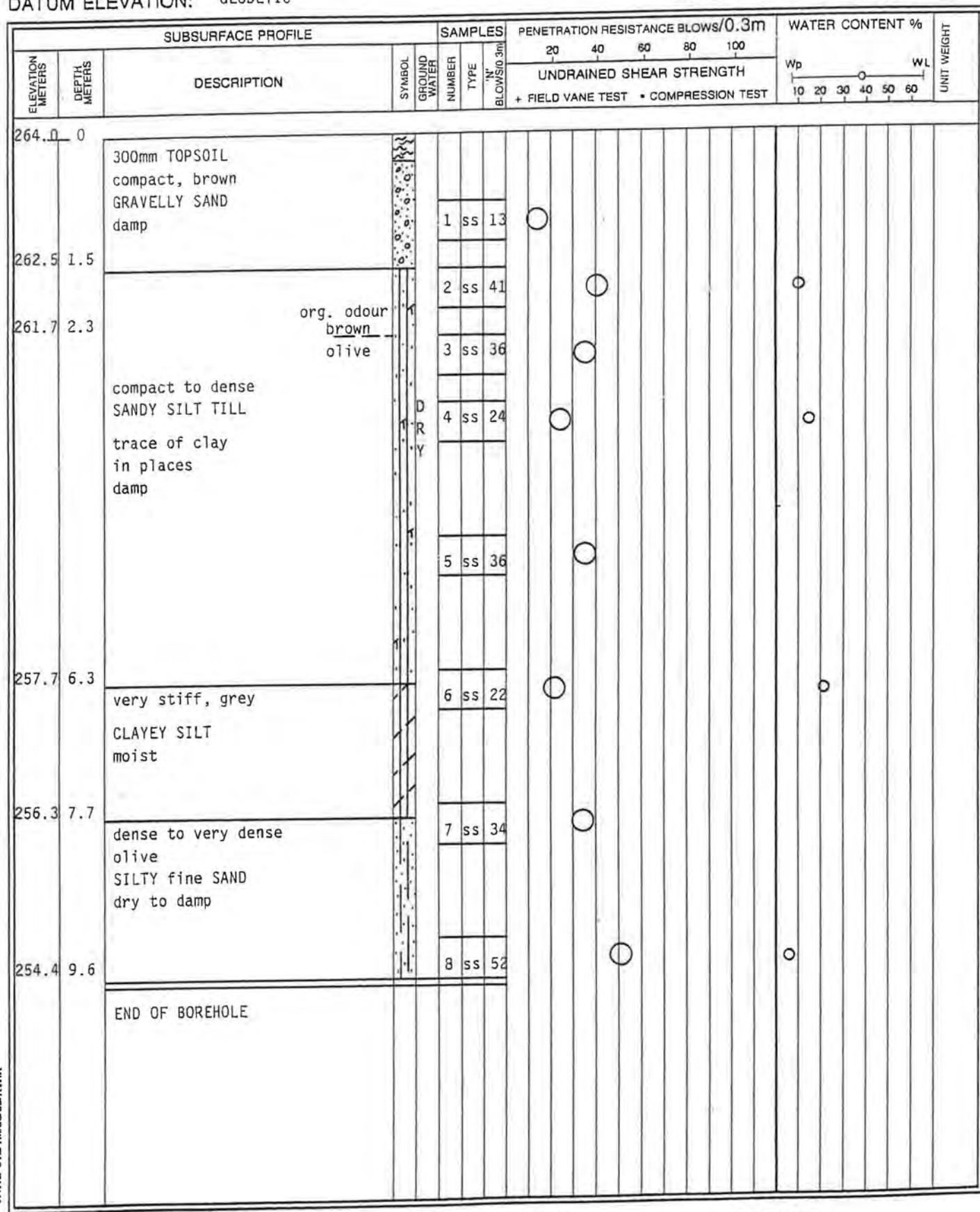


BOREHOLE N°

DATE:

CLIENT: DESOL INVESTMENTS LTD
 PROJECT: PROPOSED SUBDIVISION
 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996



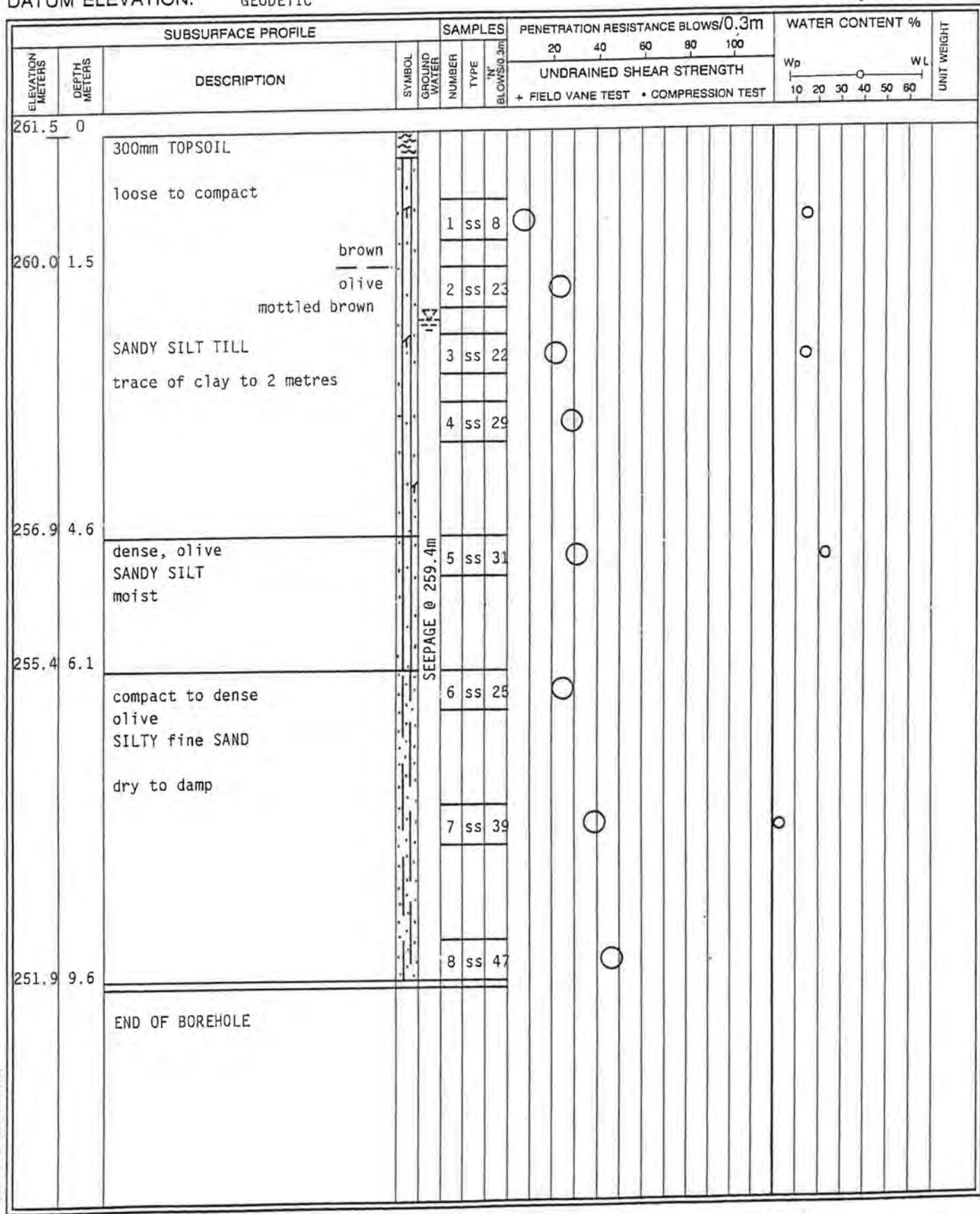
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 PROJECT: PROPOSED SUBDIVISION
 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996

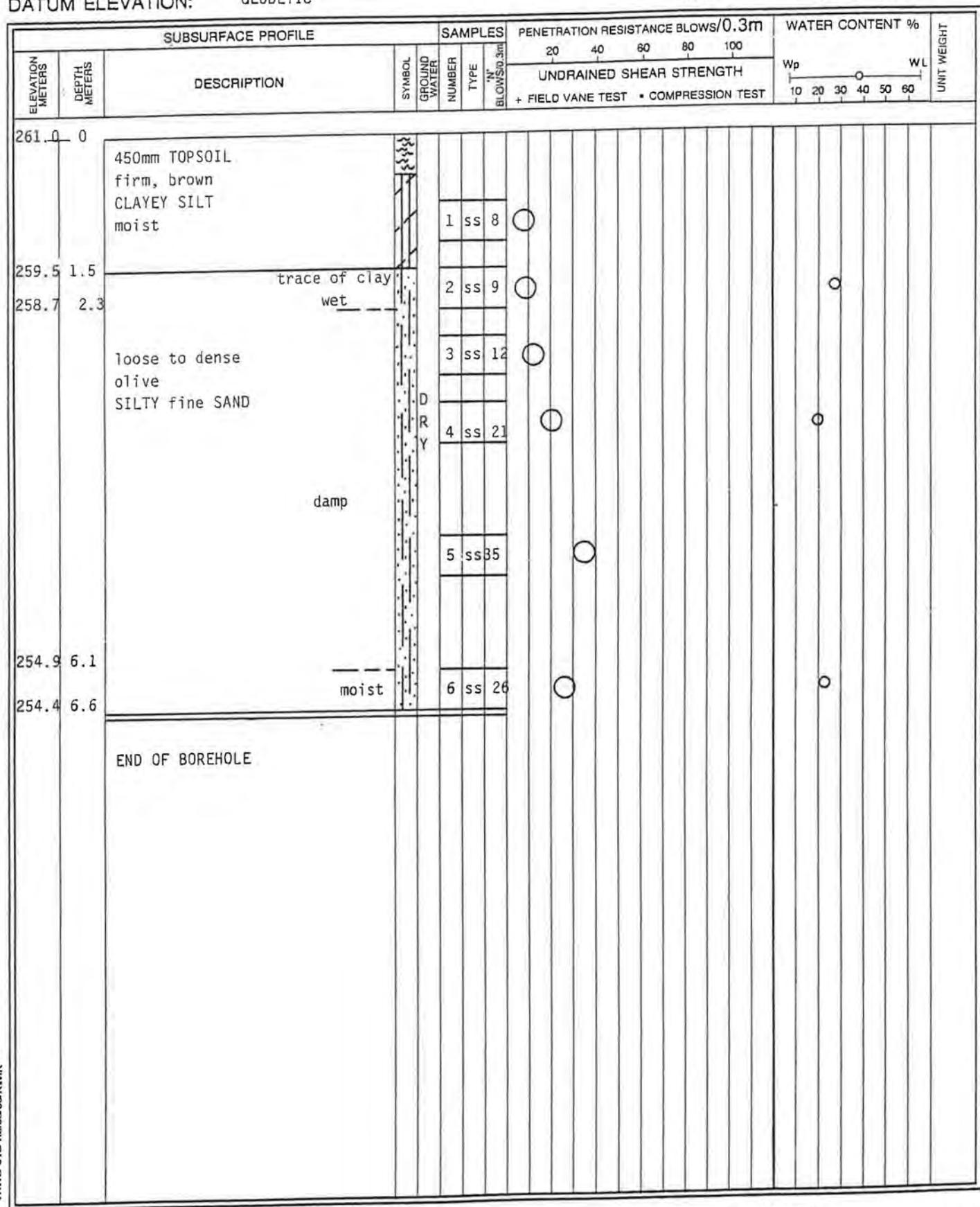


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 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996



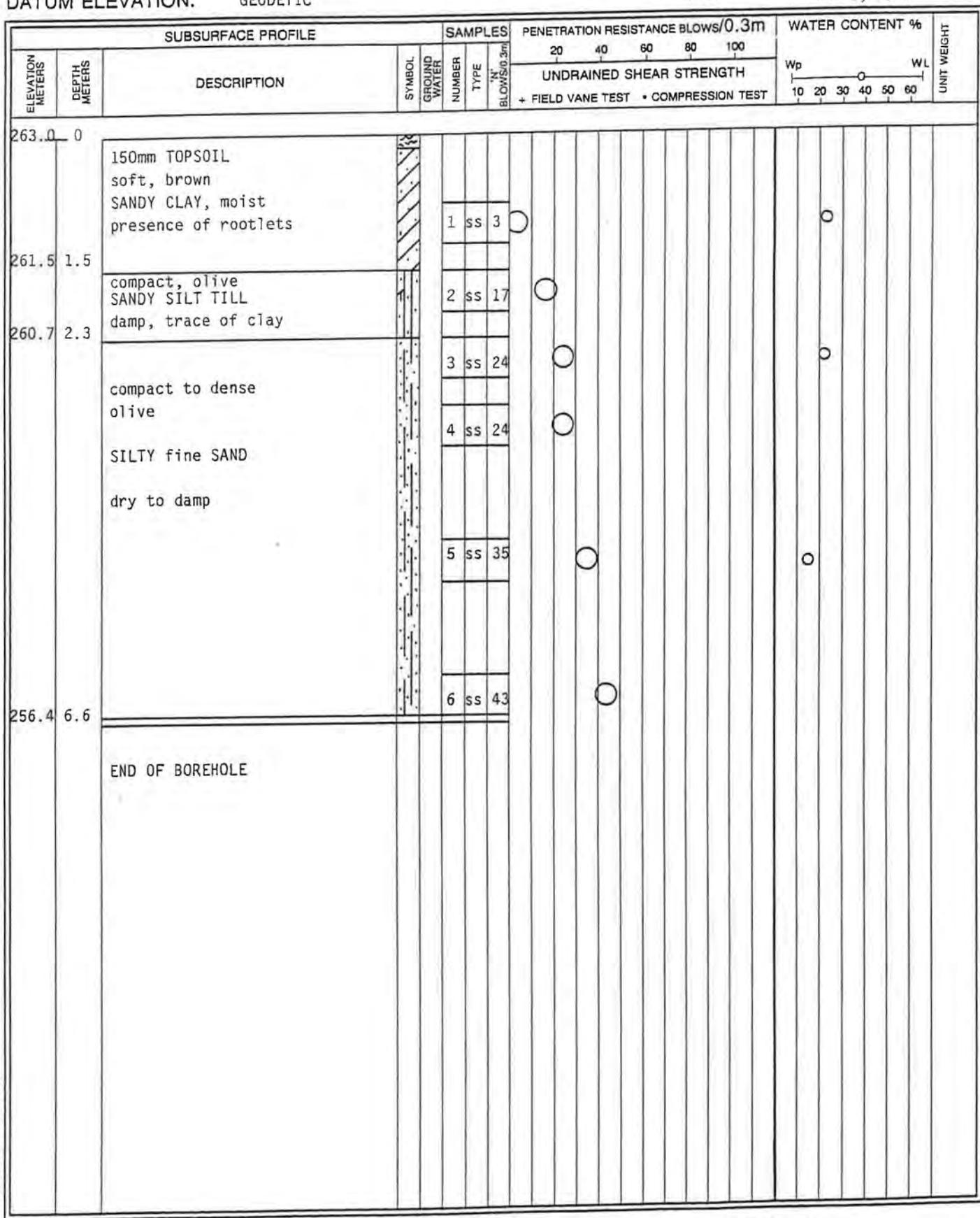
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 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996



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 LOCATION: GLEN WILLIAMS, HALTON HILLS
 DATUM ELEVATION: GEODETIC

DRILLING DATA
 METHOD: AUGER
 DIAMETER: 110mm
 DATE: MAY 1, 1996

ELEVATION METERS	DEPTH METERS	SUBSURFACE PROFILE DESCRIPTION	SYMBOL GROUND WATER	SAMPLES NUMBER	TYPE N BLOWS/0.3m	PENETRATION RESISTANCE BLOWS/0.3m					WATER CONTENT % W _p	UNIT WEIGHT WL							
						20	40	60	80	100									
UNDRAINED SHEAR STRENGTH + FIELD VANE TEST • COMPRESSION TEST																			
+ FIELD VANE TEST • COMPRESSION TEST																			
266.0	0	300mm TOPSOIL stiff brown SANDY CLAY, damp organic odour, trace of silt	X	1	ss 12														
264.5	1.5	compact, brown SILTY SAND, damp trace of clay	.	2	ss 11														
263.7	2.3	dense to very dense olive SILTY fine SAND dry to damp	D R Y	3	ss 57														
				4	ss 57														
				5	ss 41														
259.4	6.6	END OF BOREHOLE		6	ss 50														

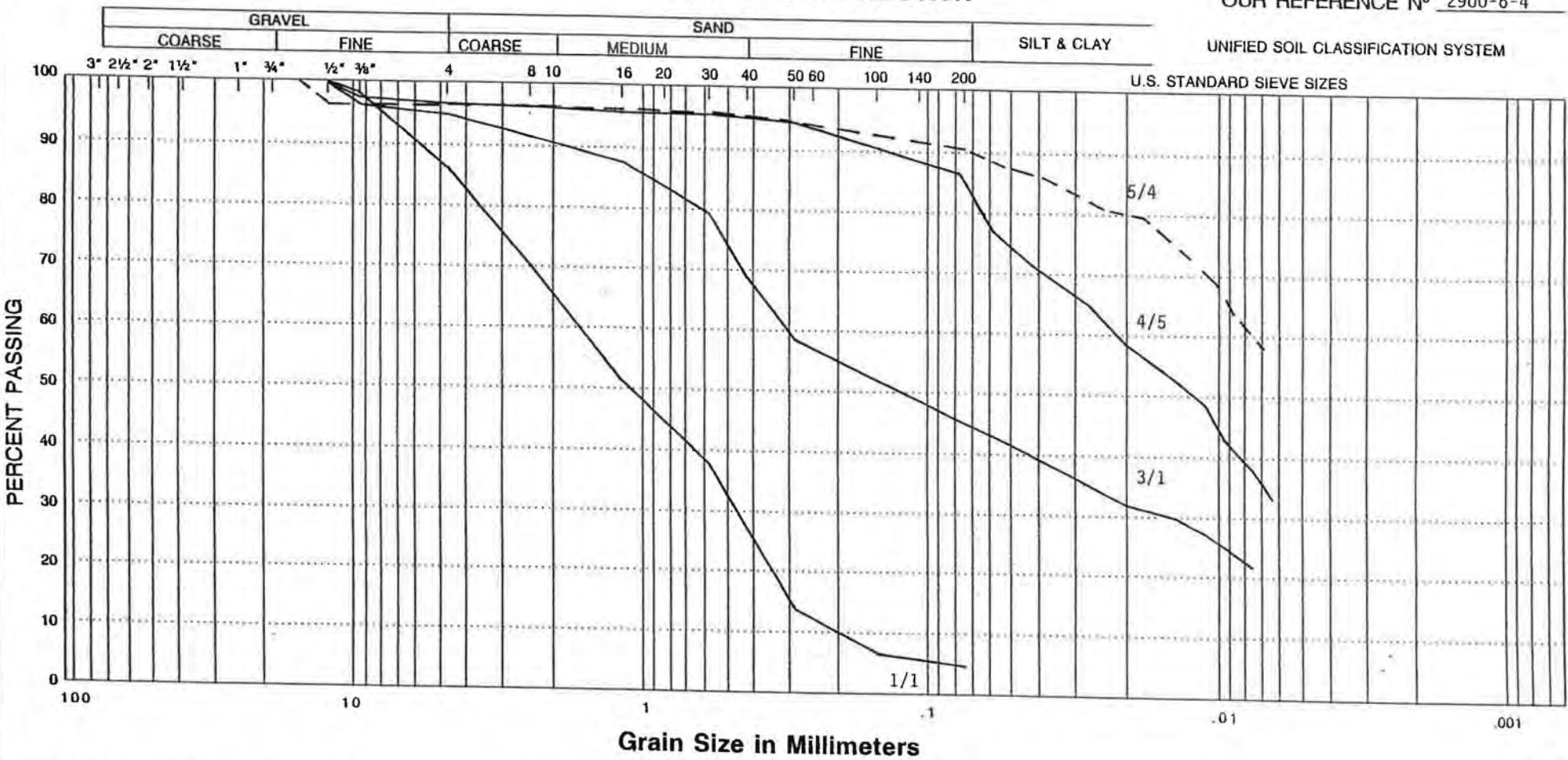
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CHECKED BY:

GRAIN SIZE DISTRIBUTION

OUR REFERENCE N° 2900-6-4



PROJECT: PROPOSED SUBDIVISION

LOCATION: GLEN WILLIAMS, HALTON HILLS

BOREHOLE N°:

SAMPLE N°:

DEPTH:

ELEVATION:

COEFFICIENT OF UNIFORMITY:

COEFFICIENT OF CURVATURE:

Classification of Sample and Group Symbol:

PLASTIC PROPERTIES

LIQUID LIMIT % =

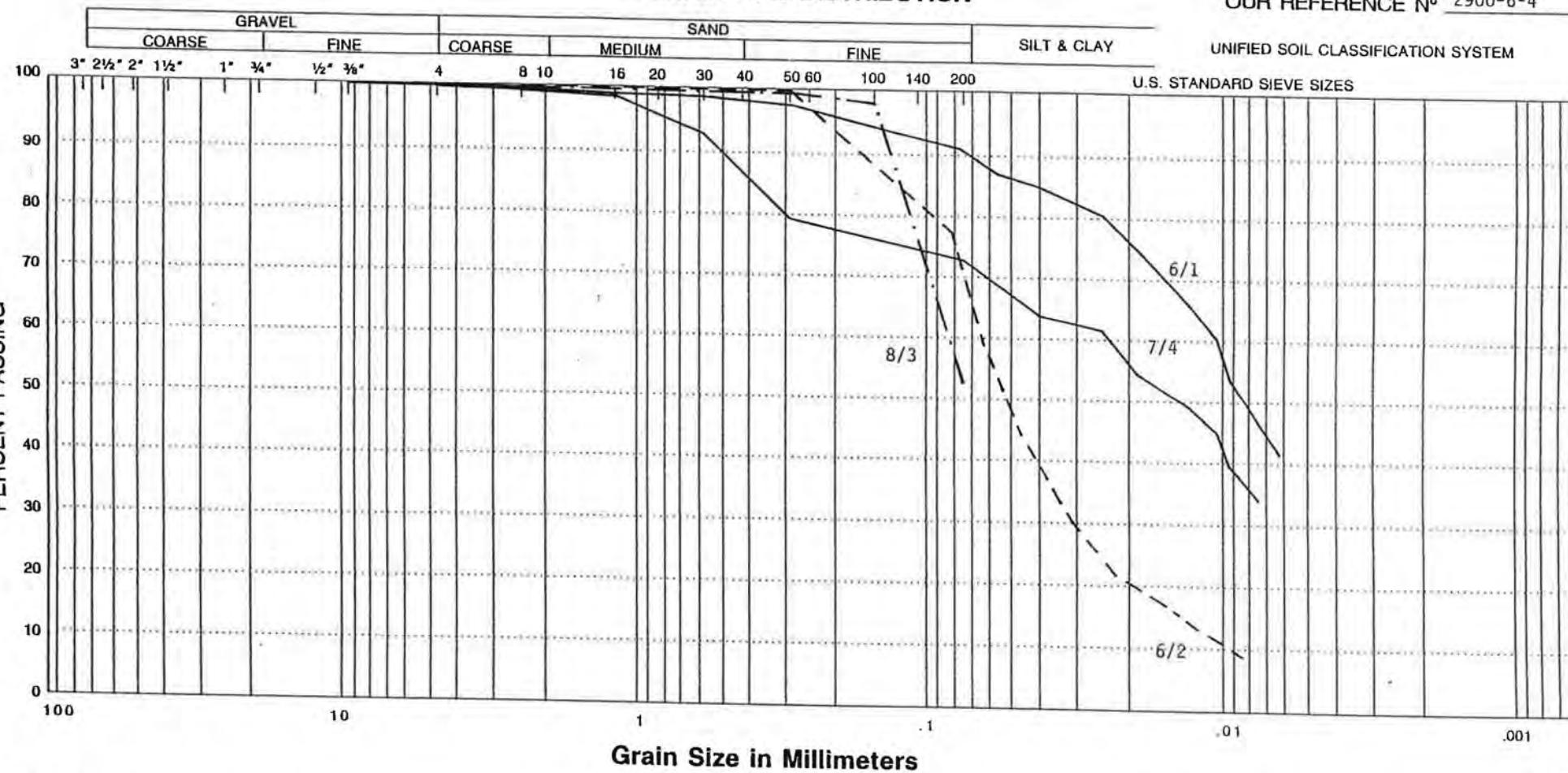
PLASTIC LIMIT % =

PLASTICITY INDEX % =

MOISTURE CONTENT % =

GRAIN SIZE DISTRIBUTION

OUR REFERENCE N° 2900-6-4



PROJECT: PROPOSED SUBDIVISION
 LOCATION: GLEN WILLIAMS, HALTON HILLS
 BOREHOLE N°:
 SAMPLE N°:
 DEPTH:
 ELEVATION:

COEFFICIENT OF UNIFORMITY:
 COEFFICIENT OF CURVATURE:

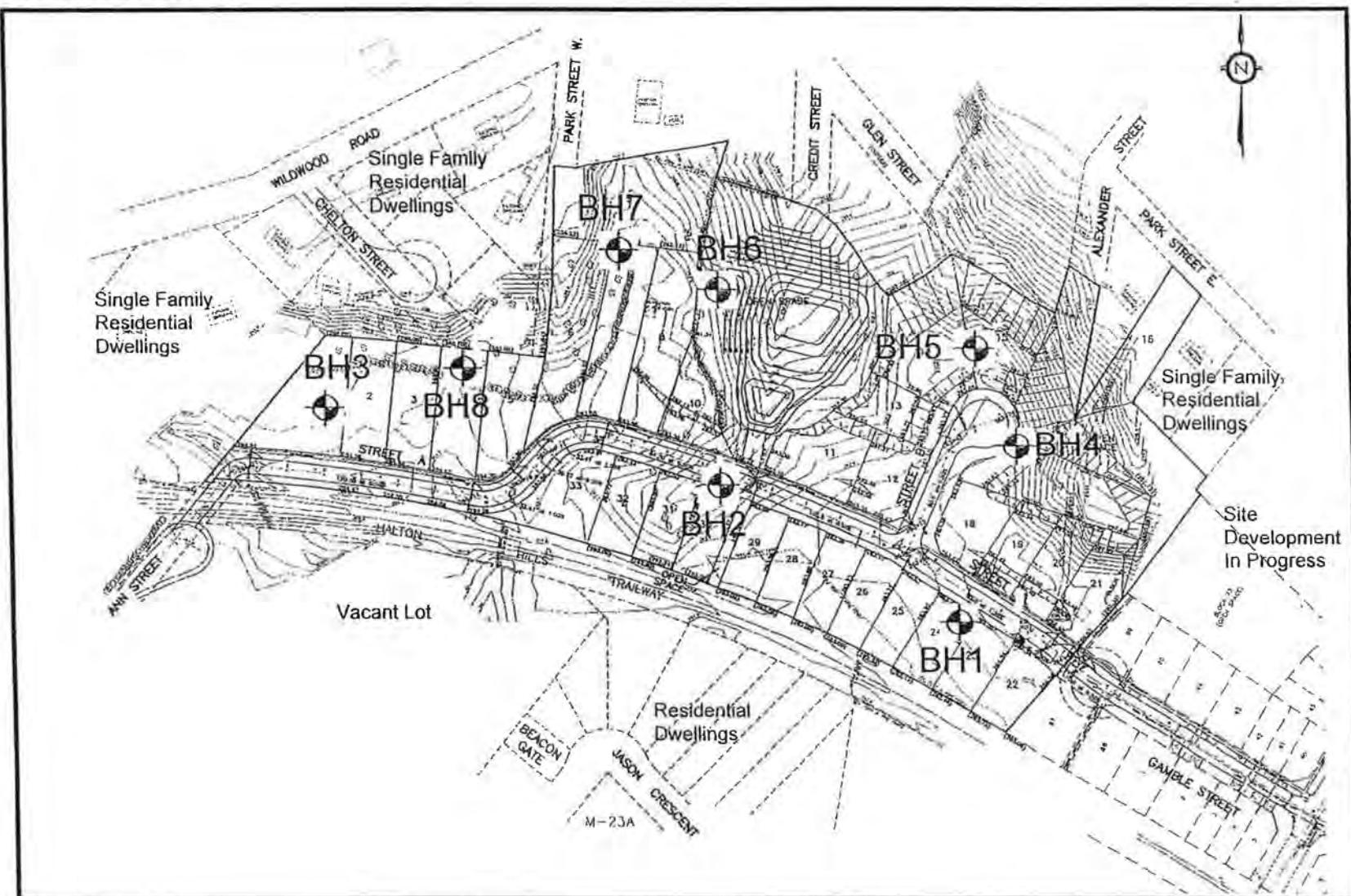
Classification of Sample and Group Symbol:

PLASTIC PROPERTIES
 LIQUID LIMIT % =
 PLASTIC LIMIT % =
 PLASTICITY INDEX % =
 MOISTURE CONTENT % =

ENCLOSURE N° 10

Ref. No. 2900E-6-8

Enclosure 2



SITE PLAN

APPENDIX B

MOE Water Well Records

Notes:

1. UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
2. Date Work Completed
3. Well Contractor Licence Number
4. Casing diameter in inches
5. Unit of Depth in Feet
6. See Table 4 for Meaning of Code
7. STAT LVL: Static Water Level in Feet ; PUMP LVL: Water Level After Pumping in Feet
8. Pump Test Rate in GPM, Pump Test Duration in Hour : Minutes
9. See Table 3 for Meaning of Code
10. Screen Depth and Length in feet
11. See Table 1 and 2 for Meaning of Code

1. Core Material and Descriptive terms										2. Core Color		3. Water Use			
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT	WHIT	WHITE	DO	Domestic	OT	Other
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE	GREY	GREY	ST	Livestock	TH	Test Hole
CGRD	COARSE-GRAINED	PGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY	BLUE	BLUE	IR	Irrigation	DE	Dewatering
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES	YLLW	YELLOW	IN	Industrial	MO	Monitoring
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY	BRWN	BROWN	CO	Commercial		
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK	RED	RED	MN	Municipal		
CLN	CLEAN	FOSS	FOSSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN	BLCK	BLACK	PS	Public		
CLYY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL	BLGY	BLUE-GREY	AC	Cooling And A/C		
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE			NU	Not Used		
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY						
CRYs	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WB RG	WATER-BEARING						
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDPR	WOOD FRAGMENTS						
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED						
DLMT	DOLOMITE	GVLY	GRAVELLY	OBDN	OVERBURDEN	SITE	SLATE								
DNSE	DENSE	GYPS	GYPSUM	PCKD	PACKED	SLTY	SILTY								
DRY	DIRTY	HARD	HARD	PEAT	PEAT	SNDS	SANDSTONE								
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDY								

4. Water Detail			
Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

Well Computer Print Out Data as of May 14 2009

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TOWNSHIP CONCESSION (LOT)	UTM ¹	DATE ² CNTR ³	CASING DIA ⁴	WATER ^{5,6} DETAIL	STAT LVL/PUMP LVL ⁷ RATE ⁸ /TIME HR:MIN	WATER USE ⁹	SCREEN INFO ¹⁰	WELL # (AUDIT#) WELL TAG # DEPTHS TO WHICH FORMATIONS EXTEND ^{5,11}
HALTON HILLS TOWN (E CON 09(020)	17 586644 4835203 ^W	1970/09 3637	22 32 30	FR 0022	008 / / :0	DO		2803522 () BRWN STNS MSND CLAY 0006 BRWN MSND 0015 BRWN CLAY STNS 0022 BRWN GRVL MSND 0029
HALTON HILLS TOWN (E CON 09(020)	17 586354 4834973 ^W	1971/12 3349	05	FR 0090	060 / 090 006 / 1:0	842' DO	0090 05	2803792 () ✓ BRWN LOAM 0001 BRWN CLAY STNS MSND 0031 GREY FSND 0090 BRWN MSND GRVL 0097
HALTON HILLS TOWN (E CON 09(020)	17 586464 4835203 ^W	1969/08 2643	07	FR 0070	023 / 064 003 / 2:0	DO		2803139 () CLAY MSND BLDR 0044 RED SHLE 0074
HALTON HILLS TOWN (E CON 09(020)	17 586704 4835053 ^W	1969/06 1613	05	FR 0041	012 / 018 010 / 4:30	DO		2803149 () BLCK LOAM 0002 BRWN CLAY 0017 BRWN CLAY MSND 0040 GRVL 0041
HALTON HILLS TOWN (E CON 09(020)	17 586254 4835023 ^W	1971/03 3637	30 32	FR 0052 FR 0070	050 / 078 / :0	DO		2803782 () BRWN LOAM 0001 BRWN CLAY 0005 BRWN FSND 0046 BRWN MSND STNS 0052 GREY CSND GRVL 0053 BRWN MSND 0057 GREY CLAY 0081
HALTON HILLS TOWN (E CON 09(020)	17 586364 4834971 ^W	1971/11 3349	05			NU		2803791 () BRWN LOAM 0001 BRWN CLAY MSND 0025 GREY FSND STNS 0093 RED SHLE GRVL 0120
HALTON HILLS TOWN (E CON 09(020)	17 586596 4834747 ^W	2003/08 4868				DO		2809800 (261612)
HALTON HILLS TOWN (E CON 09(020)	17 586534 4835143 ^W	1969/08 4919	36	FR 0010	005 / / 24:0	DO		2803331 () BRWN MSND 0012 GREY MSND STNS 0015
HALTON HILLS TOWN (E CON 09(020)	17 586674 4835173 ^W	1971/09 3349		FR 0061	010 / 020 007 / 1:0	DO		2803671 () BRWN LOAM 0001 BRWN CLAY STNS 0046 RED SHLE 0065
HALTON HILLS TOWN (E CON 09(020)	17 586414 4834923 ^W	1968/03 3414	06 06	FR 0105	036 / 105 003 / 3:0	856' DO 261 m		2802942 () ✓ BRWN MSND 0018 CLAY 0040 SILT GRVL 0071 GRVL CLAY 0080 RED SHLE 0130
HALTON HILLS TOWN (E CON 09(020)	17 586410 4835419 ^W	1976/05 4602	05 06	FR 0012	007 / 009 012 / 1:0	DO		2804864 () BRWN CLAY FILL 0003 BRWN SAND SILT 0006 BRWN CLAY GRVL 0012 BRWN GRVL 0019 BRWN SAND SILT 0025 RED SHLE 0035
HALTON HILLS TOWN (E CON 09(020)	17 586664 4835223 ^W	1976/11 2332	05 05	FR 0055	009 / 028 005 / 1:30	DO		2804959 () BLCK OBDN 0006 BRWN CSND STNS 0018 BRWN CGVL 0037 RED SHLE STNS 0040 RED SHLE 0090
HALTON HILLS TOWN (E CON 09(020)	17 586064 4834973 ^W	1976/07 3637	30 18 32 18	FR 0022 FR 0029	025 / 041 012 / 1:0	DO		2804988 () BRWN LOAM 0001 BRWN CLAY 0015 BRWN MSND FSND 0023 BRWN CLAY STNS 0029 BRWN FSND MSND 0041
HALTON HILLS TOWN (E CON 09(020)	17 586364 4835098 ^W	1972/04 3637	32 30 21	FR 0052	051 / 060 / :0	DO		2804001 () BRWN SAND CLAY 0020 BRWN CLAY 0024 BRWN MSND FSND CSND 0063

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TOWNSHIP CONCESSION (LOT)	UTM ¹ CNTR ³	DATE ² DIA ⁴	CASING DETAIL	WATER ^{5,6} RATE ⁸ /TIME	STAT LVL/PUMP LVL ⁷ HR:MIN	WATER USE ⁹	SCREEN INFO ¹⁰	WELL # (AUDIT#) WELL TAG # DEPTHS TO WHICH FORMATIONS EXTEND ^{5,11}
HALTON HILLS TOWN (E CON 09(020)	17 586654 4835083 ^w	1958/07 2904	06					2801391 () BLUE CLAY 0038 QSND 0040
HALTON HILLS TOWN (E CON 09(020)	17 586514 4835153 ^w	1960/08 1307	30	FR 0040	040 / 010 / :0	DO		2801393 () BRWN LOAM 0005 GRVL 0010 BRWN CLAY MSND 0040 GRVL 0050
HALTON HILLS TOWN (E CON 09(020)	17 586814 4835103 ^w	1962/03 3513	05	FR 0025	008 / 016 008 / 4:0	DO		2801395 () BRWN CLAY 0001 GRVL STNS 0025
HALTON HILLS TOWN (E CON 09(020)	17 586384 4835033 ^w	1962/05 4610	05 05	SA 0132 FR 0096	070 / 134 001 / 8:0	DO		2801396 () BRWN MSND CLAY BLDR 0031 GRVL MSND HPAN 0094 RED SHLE 0134
HALTON HILLS TOWN (E CON 09(020)	17 586794 4835103 ^w	1965/04 4838	04 04	FR 0065 FR 0075	011 / 030 007 / 3:30	DO		2801398 () MSND 0005 BLDR GRVL 0035 GRVL CLAY 0050 RED SHLE 0078
HALTON HILLS TOWN (E CON 09(020)	17 586554 4835303 ^w	1977/11 2332	05 05	FR 0055	009 / 026 005 / 1:15	DO		2805182 () BLCK OBDN 0006 BRWN CSND STNS 0018 BRWN CGVL PGVL 0037 RED SHLE STNS 0040 RED SHLE 0090
HALTON HILLS TOWN (E CON 09(020)	17 586474 4835183 ^w	1977/07 2332	05 05	FR 0070	037 / 040 010 / 1:30	DO		2805184 () BLCK OBDN STNS 0002 BRWN CLAY 0045 BRWN CLAY STNS SHLE 0065 RED SHLE 0075
HALTON HILLS TOWN (E CON 09(020)	17 586289 4834963 ^w	1972/07 3637	30 32	FR 0016	012 / 026 005 / 4:0	DO		2804055 () BLCK LOAM 0001 BRWN CLAY 0004 BRWN SAND 0008 BRWN SAND 0012 BRWN CSND GRVL 0016 BLUE CLAY 0026
HALTON HILLS TOWN (E CON 09(020)	17 586244 4834998 ^w	1972/02 3637	32 30	FR 0033	012 / 034 014 / 1:0	DO		2804125 () BRWN LOAM 0001 BRWN CLAY 0016 GREY SAND STNS 0022 GREY SAND 0028 GREY SAND SILT 0034
HALTON HILLS TOWN (E CON 09(020)	17 586109 4834948 ^w	1972/05 3637	30	FR 0013	008 / 020 014 / 1:0	DO		2804129 () BLCK LOAM 0001 BRWN SAND MUCK 0003 BRWN CLAY 0013 BRWN CSND GRVL 0016 GREY CLAY SAND 0023
HALTON HILLS TOWN (E CON 09(020)	17 586694 4835023 ^w	1970/11 1660	05	FR 0037	012 / 025 010 / 1:0	DO	771	2803499 () BRWN LOAM 0001 CLAY BLDR 0025 BRWN MSND GRVL 0036 GRVL 0037
HALTON HILLS TOWN (E CON 09(020)	17 586201 4834984 ^w	1974/07 4320	04 04	FR 0140	090 / 150 003 / 1:0	DO		2804571 () BRWN CLAY SILT 0031 GREY CLAY STNS 0098 RED CLAY SHLE 0101 RED SHLE 0150
HALTON HILLS TOWN (E CON 09(020)	17 580163 4833011 ^w	2005/09 6809						2810375 (Z33993)
HALTON HILLS TOWN (E CON 09(020)	17 586114 4834973 ^w	1976/07 3637	30 32	FR 0025	023 / 042 030 / 2:0	DO		2804989 () BRWN LOAM 0001 BRWN CLAY 0019 BRWN MSND FGVL CGVL 0043
HALTON HILLS TOWN (E CON 09(020)	17 586514 4835163 ^w	1977/07 2332	05 05	FR 0070	039 / 043 006 / 1:30	DO		2805183 () BLCK OBDN STNS 0002 BRWN CGVL STNS 0015 BRWN CLAY 0045 BRWN CLAY STNS SHLE 0065 RED SHLE 0105

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TOWNSHIP CONCESSION (LOT)	UTM ¹	DATE ² CNTR ³	CASING DIA ⁴	WATER ^{5,6} DETAIL	STAT LVL/PUMP RATE ⁸ /TIME LVL ⁷ HR:MIN	WATER USE ⁹	SCREEN INFO ¹⁰	WELL # (AUDIT#) WELL TAG # DEPTHS TO WHICH FORMATIONS EXTEND ^{5,11}
HALTON HILLS TOWN (E CON 09(020)	17 586539 4835463"	1955/12 4838	06 06 FR 0045	FR 0042	012 / 015 006 / 2:0	DO		2801390 () FILL 0003 GRVL STNS CLAY 0025 RED SHLE 0047
HALTON HILLS TOWN (E CON 09(020)	17 586914 4835033"	1959/03 1718	07 FR 0040		012 / 015 015 / 1:0	DO		2801392 () GRVL 0002 YLLW CLAY 0012 FSND 0036 STNS GRVL 0040
HALTON HILLS TOWN (E CON 09(020)	17 586814 4834873"	1961/06 4838	04 04 FR 0124	FR 0085	040 / 075 003 / 2:0	DO		2801394 () PRDR 0028 MSND HPAN GRVL 0077 RED SHLE 0126
HALTON HILLS TOWN (E CON 09(020)	17 586149 4834883"	1962/06 4101	05 05 FR 0185		070 / 192 001 / 8:0	DO		2801397 () BRWN CLAY 0040 HPAN 0078 BRWN MSND 0099 RED SHLE 0192
HALTON HILLS TOWN (E CON 09(020)	17 586859 4835023"	1967/06 1307	30 FR 0009		009 / 005 / :0	DO		2801399 () BRWN LOAM 0003 GRVL BLDR 0009 GRVL 0016
HALTON HILLS TOWN (E CON 09(020)	17 586589 4835248"	1972/12 1660	06 05 FR 0033		011 / 025 008 / 1:0	DO		2803991 () PRDG 0012 CLAY SAND 0030 SHLE 0035
HALTON HILLS TOWN (E CON 09(020)	17 586564 4835423"	1972/12 1660	06 05 FR 0036		011 / 028 008 / 1:0	DO		2803993 () PRDG 0010 CLAY SAND 0034 SHLE ROCK 0038
HALTON HILLS TOWN (E CON 09(020)	17 586389 4834998"	1972/03 3637	30 FR 0013		012 / 026 008 / 12:0	DO		2803998 () BRWN LOAM 0001 BRWN SAND CLAY 0006 BLUE CLAY SILT 0011 BRWN MSND FSND 0012 GREY CLAY STNS 0013 BLCK CSND GRVL 0016 BRWN CLAY SAND 0027
HALTON HILLS TOWN (E CON 09(020)	17 586349 4835024"	1978/05 3637	02 16 FR 0025		013 / 022 012 / 1:0	DO		2806122 () BRWN LOAM 0001 BRWN CLAY 0010 BRWN CLAY SAND 0032
HALTON HILLS TOWN (E CON 09(020)	17 586369 4834973"	1971/10 3349	05 SA 0115		093 / 115 010 / 1:0	NU		2803790 () BRWN LOAM 0001 BRWN CLAY MSND 0030 BRWN MSND 0065 GREY FSND 0097 RED SHLE GRVL 0117
HALTON HILLS TOWN (E CON 09(020)	17 586744 4835103"	1971/06 1660	05 FR 0030		007 / 020 006 / 1:0	DO		2803556 () BLCK LOAM 0001 BRWN CLAY BLDR 0015 GRVL CLAY 0029 GRVL 0030
HALTON HILLS TOWN (E CON 09(021)	17 586539 4835398"	1972/01 3349	05 05 FR 0048		005 / 030 008 / 1:0	DO		2803789 () BRWN LOAM 0001 BRWN CLAY BLDR 0026 RED SHLE GRVL 0050
HALTON HILLS TOWN (E CON 09(021)	17 585814 4834743"	1968/10 1307	30 FR 0045		045 / / :0	DO		2802959 () BRWN LOAM MSND 0020 GREY CLAY 0045 GRVL 0047 GREY CLAY 0065
HALTON HILLS TOWN (E CON 09(021)	17 586114 4835073"	1976/08 4320	06 06 FR 0151		078 / 078 001 / 1:0	DO		2805237 () BRWN LOAM 0001 BRWN SILT CLAY 0032 GREY CLAY STNS 0091 RED SHLE 0151
HALTON HILLS TOWN (E CON 09(021)	17 586264 4834973"	1978/05 3637	30 32 FR 0010		007 / 007 / 1:0	DO		2805269 () BRWN LOAM 0001 BRWN CLAY SAND SOFT 0018 GREY CLAY SAND SOFT 0028 BRWN SAND 0032
HALTON HILLS TOWN (E CON 09(021)	17 585514 4834723"	1978/07 4320	06 06 FR 0120		020 / 020 003 / 1:0	DO		2806351 () RED CLAY GRVL 0021 RED SHLE 0135

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TOWNSHIP CONCESSION (LOT)	UTM ¹ CNTR ³	DATE ² 1976/07 4835323 ^W	CASING DIA ⁴ 4602	WATER ^{5,6} DETAIL	STAT RATE ⁸ / TIME LVL/PUMP LVL ⁷ 009 / 035 004 / 1:0	WATER USE ⁹ DO	SCREEN INFO ¹⁰	WELL # (AUDIT#) WELL TAG # 2804926 () FILL 0006 BRWN SAND GRVL CLAY 0014 GREY CLAY SAND GRVL 0027 RED SHLE SOFT LYRD 0039	DEPTHS TO WHICH FORMATIONS EXTEND ^{5,11}
HALTON HILLS TOWN (E CON 09(021)	17 586464 4835323 ^W	1976/07 4835323 ^W	06 05 4602	FR 0029	012 / 063 005 / 1:0	DO		2804957 () PRDG 0027 RED SHLE 0069	
HALTON HILLS TOWN (E CON 09(021)	17 585514 4834723 ^W	1976/11 4834723 ^W	06 4602	FR 0065 FR 0042	018 / 050 014 / 2:0	DO		2805627 () BRWN LOAM 0001 BRWN SAND STNS HARD 0014 BRWN CLAY SAND 0023 BRWN FSND CSND SILT 0038 BRWN CLAY STNS 0051	
HALTON HILLS TOWN (E CON 09(021)	17 586539 4835458 ^W	1952/06 4838	04 04 4838	FR 0075	030 / 030 020 / 2:0	DO		2801400 () MSND 0030 GRVL CLAY 0061 RED SHLE 0080	
HALTON HILLS TOWN (E CON 09(021)	17 585709 4834488 ^W	1956/06 4838	06 06 4838	FR 0035 FR 0048	012 / 053 004 / 1:30	DO		2801402 () GRVL STNS CLAY 0015 RED SHLE 0053	
HALTON HILLS TOWN (E CON 09(021)	17 585714 4834398 ^W	1956/08 4838	06 06 4838	FR 0080	050 / 105 004 / 1:30	DO		2801404 () LOAM 0002 CLAY GRVL 0020 RED SHLE 0105	
HALTON HILLS TOWN (E CON 09(021)	17 585459 4834743 ^W	1960/10 4838	06 06 4838	FR 0042 FR 0063 FR 0085 FR 0106	021 / 106 002 / 1:0	DO		2801405 () RED CLAY 0005 RED SHLE 0111	
HALTON HILLS TOWN (E CON 09(021)	17 585634 4834513 ^W	1961/10 4101	05 4101					2801407 () RED CLAY 0031 RED SHLE 0157	
HALTON HILLS TOWN (E CON 09(021)	17 585654 4834558 ^W	1962/04 4101	05 05 4101	FR 0054	030 / 058 003 / 5:0	DO		2801409 () BRWN CLAY 0030 RED SHLE 0071	
HALTON HILLS TOWN (E CON 09(021)	17 585964 4835013 ^W	1964/05 1325	30 1325	FR 0031	031 / 036 001 / 1:0	DO		2801411 () BRWN CLAY MSND 0020 BRWN MSND 0037 RED CLAY MSND 0038	
HALTON HILLS TOWN (E CON 09(021)	17 586414 4835583 ^W	1970/02 2517	08 2517	FR 0004	004 / 016 002 / 4:0	NU 0013 04		2803574 () BRWN CLAY STNS 0003 BRWN MSND STNS 0010 BRWN MSND GRVL SILT 0016 GRVL SILT 0020 GREY SHLE 0021	
HALTON HILLS TOWN (E CON 09(021)	17 585904 4834823 ^W	1972/02 3637	30 3637	FR 0023	008 / 024 014 / 1:0	DO		2804110 () BRWN LOAM 0001 BRWN SAND GRVL 0016 GREY CLAY 0023 GREY SAND 0028	
HALTON HILLS TOWN (E CON 09(021)	17 586299 4835259 ^W	1974/01 3637	30 21 32	FR 0014 FR 0026 FR 0038	012 / 003 / 4:0	DO		2804484 () BRWN LOAM 0001 BRWN SAND CLAY 0004 BRWN MSND 0019 BLUE CLAY SILT 0021 GREY SAND 0039	
HALTON HILLS TOWN (E CON 09(021)	17 586206 4835876 ^W	1989/06 4868	30 30 4868	FR 0044	038 / 003 / 1:0	DO		2807313 () BRWN LOAM HARD 0001 BRWN CLAY HARD 0004 BRWN SAND SILT HARD 0036 GREY CLAY SILT HARD 0039 RED SILT SAND HARD 0044 BRWN CLAY SILT HARD 0045 BRWN SAND GRVL LOOS 0055	

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TOWNSHIP CONCESSION (LOT)	UTM ¹ CNTR ³	DATE ² 4834809 ^w	CASING DIA ⁴ 4868	WATER ^{5,6} DETAIL	STAT RATE ⁸ / TIME	LVL/PUMP HR:MIN	WATER USE ⁹	SCREEN INFO ¹⁰	WELL # (AUDIT#) WELL TAG # DEPTHS TO WHICH FORMATIONS EXTEND ^{5,11}
HALTON HILLS TOWN (E CON 09(021)	17 585313 4834809 ^w	2002/10 4868					ST		2809658 (207081)
HALTON HILLS TOWN (E CON 09(021)	17 585917 4835177 ^L	1988/09 3372			020 / 020 025 / 3:30				2807157 (31529) BLCK LOAM 0010 SAND 0030 RED SHLE 0040 RED SHLE 0056
HALTON HILLS TOWN (E CON 09(021)	17 585334 4834858 ^w	1952/07 4838	05 05	FR 0065	011 / 022 005 / 1:30		DO		2801401 () CLAY 0018 RED SHLE 0065
HALTON HILLS TOWN (E CON 09(021)	17 586134 4835873 ^w	1956/07 4838	04 04	FR 0082 FR 0085	060 / 087 001 / 1:30		DO		2801403 () MSND 0010 GRVL CLAY 0040 MSND QSND 0070 RED SHLE 0087
HALTON HILLS TOWN (E CON 09(021)	17 585839 4834748 ^w	1961/07 1325	30	FR 0020	020 / / :0		DO		2801406 () BRWN CLAY MSND 0020 GRVL 0027
HALTON HILLS TOWN (E CON 09(021)	17 585659 4834563 ^w	1962/04 4101	05						2801408 () BRWN CLAY 0020 RED SHLE 0104
HALTON HILLS TOWN (E CON 09(021)	17 585104 4835523 ^w	1962/09 1613	04						2801410 () PRDG 0040 RED SHLE 0122
HALTON HILLS TOWN (E CON 09(021)	17 585434 4834923 ^w	1967/08 1325	30	FR 0030	015 / 029 001 / 0:30		DO ST		2801412 () LOAM 0001 BRWN CLAY BLDR 0012 RED SHLE 0032
HALTON HILLS TOWN (E CON 09(021)	17 585313 4834809 ^w	2002/10 4868					DO		2809657 (207080)
HALTON HILLS TOWN (E CON 09(021)	17 585594 4834523 ^w	1971/07 1660	06	FR 0080	038 / 070 006 / 1:0		DO		2803713 () BLCK LOAM 0001 BRWN CLAY STNS 0018 RED SHLE 0084
HALTON HILLS TOWN (E CON 09(021)	17 586514 4835448 ^w	1972/03 3349	05 05	FR 0044	004 / 004 008 / 1:0		DO		2803788 () BRWN LOAM 0001 BRWN CLAY BLDR SAND 0025 RED SHLE GRVL 0050
HALTON HILLS TOWN (E CON 09(021)	17 585714 4834623 ^w	1970/04 3637	32 22 30	FR 0041 FR 0016	015 / 040 / :0		DO		2803357 () BRWN CLAY MSND STNS 0010 BRWN MSND GRVL 0022 BRWN CLAY STNS 0042
HALTON HILLS TOWN (E CON 09(021)	17 586489 4835573 ^w	1972/04 3349	05 05	FR 0046	004 / 012 006 / 1:0		DO		2804278 () BRWN LOAM 0001 BRWN CLAY BLDR STNS 0028 RED SHLE 0050

**Instructions**

Please print if completing by hand. Legal sized paper is preferred. In order to process your search request, please complete this form in full and submit it along with payment to the Water Well Records Management. When the search is completed, a receipt will be provided to you together with the results. If you have any questions, please call the Water Well Help Desk at 1 888 396-9355 (Toll Free) or visit www.ene.gov.on.ca.

Please fax, mail or email this form to:

Ministry of the Environment
Environmental Monitoring and Reporting Branch
Water Well Records Management
125 Resources Rd.
Toronto ON M9P 3V6
Fax: 416 235-5960
Email: helpdesk@waterwellontario.ca

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Section A – Contact Information

First Name <i>Andrew</i>	Last Name <i>Wood</i>	Request Date (yyyy/mm/dd) <i>2009/05/13</i>
Company <i>J.A. Wood Assoc</i>		Your File/Project No. <i>2900-9-6</i>
Street Number <i>1080</i>	Street Name <i>Tapscott Rd.</i>	Apn No/RR No. <i>U-24</i>
City, Town or Village <i>Scarborough</i>	Province <i>ON</i>	Postal Code <i>M1X 1E7</i>
Phone Number (including area code) <i>(416) 292-2868</i>	Fax Number (including area code) <i>(416) 292-5375</i>	Email Address <i>yawood@bellnet.ca</i>
Please indicate how you would like to receive your Water Well Record data: <input type="checkbox"/> Mail <input checked="" type="checkbox"/> Email (pdf file) <input type="checkbox"/> Fax		Well Contractor Licence No. <i>[Blank]</i>

Section B – Payment Information (Credit Card/Certified Cheque/Money Order)

A search fee of \$25.00 applies to every request for which matches are found plus an additional charge of \$0.05 per page of data provided. A \$20.00 search charge will apply to requests that result in "No Water Well Record Match Found". Search requests can only be processed once payment is received (credit card or certified cheque or money order).

Credit Card Visa MasterCard American Express

Credit Card Number <i>[Blank]</i>	Expiry Date (mm/yy) <i>[Blank]</i>
--------------------------------------	---------------------------------------

Name on Credit Card <i>[Blank]</i>	Signature <i>[Blank]</i>
---------------------------------------	-----------------------------

Certified Cheque Money Order

Please enclose a certified cheque or money order with this search request form and mail to the address listed above. All cheques and money orders are to be made payable to the Minister of Finance.

Section C – Well Location Information

Please provide as much accurate information as possible to expedite fulfilling your request and locating a match. Please contact your local municipality and/or regional Land Registry Office for the original Name of Township, Concession Number, and Township Lot Number for the property in question.

County/Municipality/District <i>Halton</i>	Concession Number <i>9</i>		
Township (Geographic Township) <i>Georgetown (Glen Williams)</i>	Township Lot Number(s) <i>19, 20, 21</i>		
UTM Coordinates NAD 83 <i>[Blank]</i>	UTM Zone <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18	Eastings (From) <i>[Blank]</i>	Northings (From) <i>[Blank]</i>
		Eastings (To) <i>[Blank]</i>	Northings (To) <i>[Blank]</i>
		OR Specify Radius <i>[Blank]</i>	

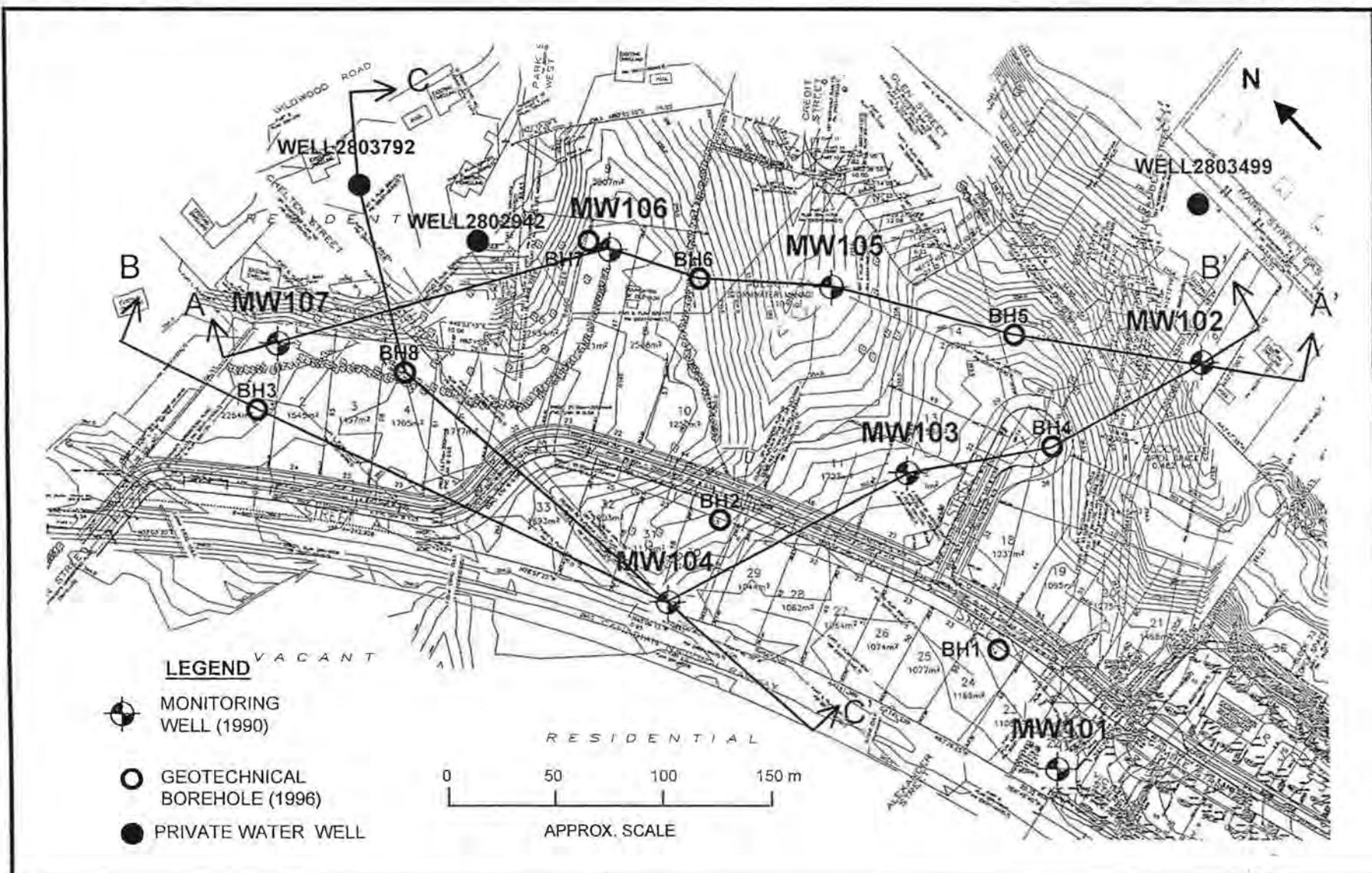
STATEMENT OF LIMITATIONS

The conclusions and recommendations in this report are based on information determined at the borehole locations and on geological data of a general nature which may be available for the area investigated. Soil and groundwater conditions between and beyond the boreholes may differ from those encountered at the borehole locations and conditions may become apparent during construction which would not be detected or anticipated at the time of the soil investigation.

We recommend that we be retained to ensure that all necessary stripping, subgrade preparation and compaction requirements are met, and to confirm that the soil conditions do not deviate materially from those encountered in the boreholes. In cases where this recommendation is not followed the company's responsibility is limited to interpreting accurately the information encountered at the boreholes.

This report is applicable only to the project described in the introduction, constructed substantially in accordance with details of alignment and elevations quoted in the text.

ENCLOSURES



LOCATION OF BOREHOLES AND MONITORING WELLS

Project No: 2900-9-5

Borehole No: MW101

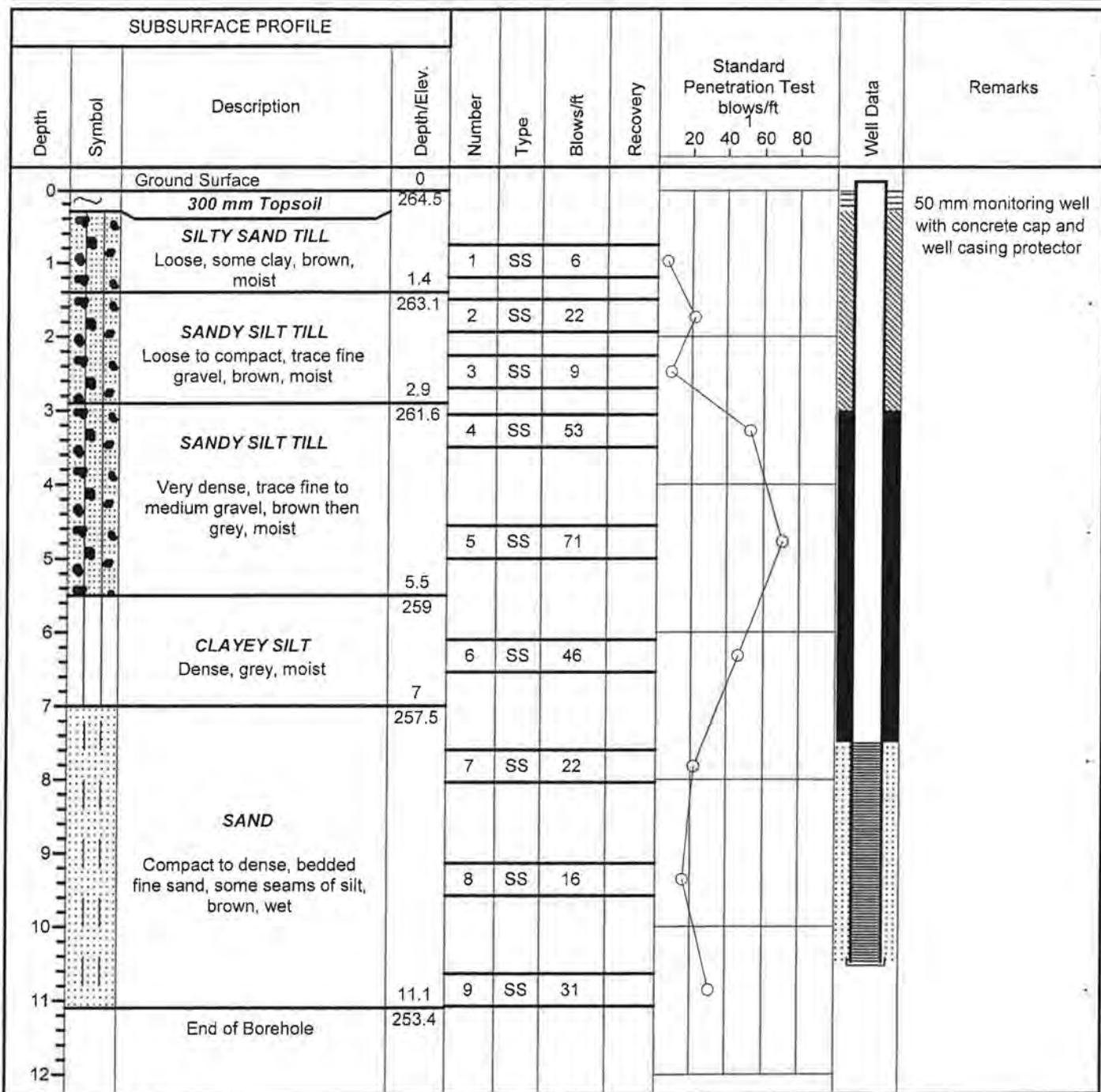
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 2

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

1080 Tapscott Rd, Unit 24

Datum:

Drill Date: May 27, 2009

Scarborough, ON

Sheet: 1 of 1

M1X 1E7

Project No: 2900-9-5

Borehole No: MW102

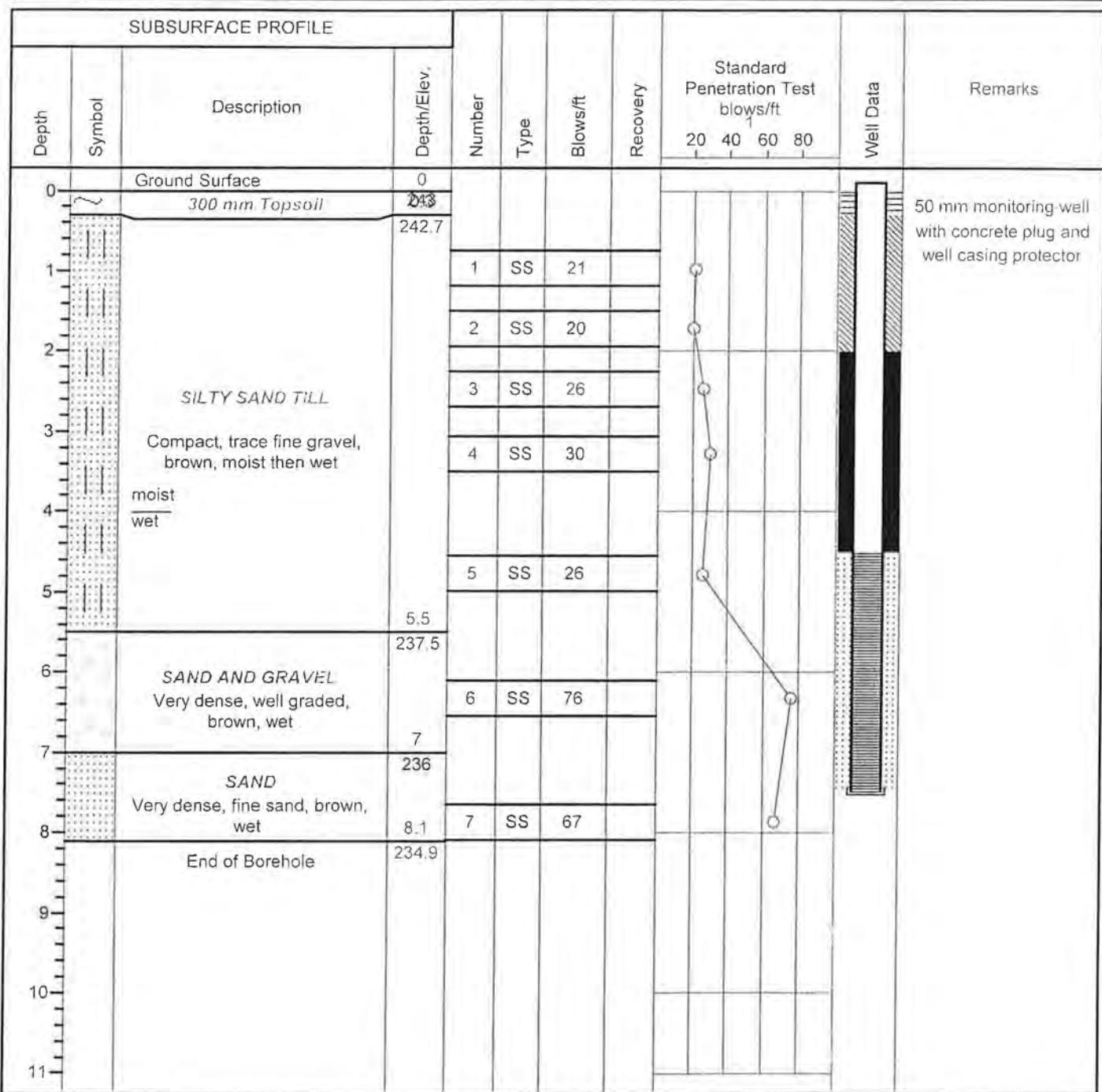
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 3

Location: Halton Hill, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

1080 Tapscott Rd, Unit 24

Datum:

Drill Date: May 27, 2009

Scarborough, ON

Sheet: 1 of 1

M1X 1E7

Project No: 2900-9-5

Borehole No: MW103

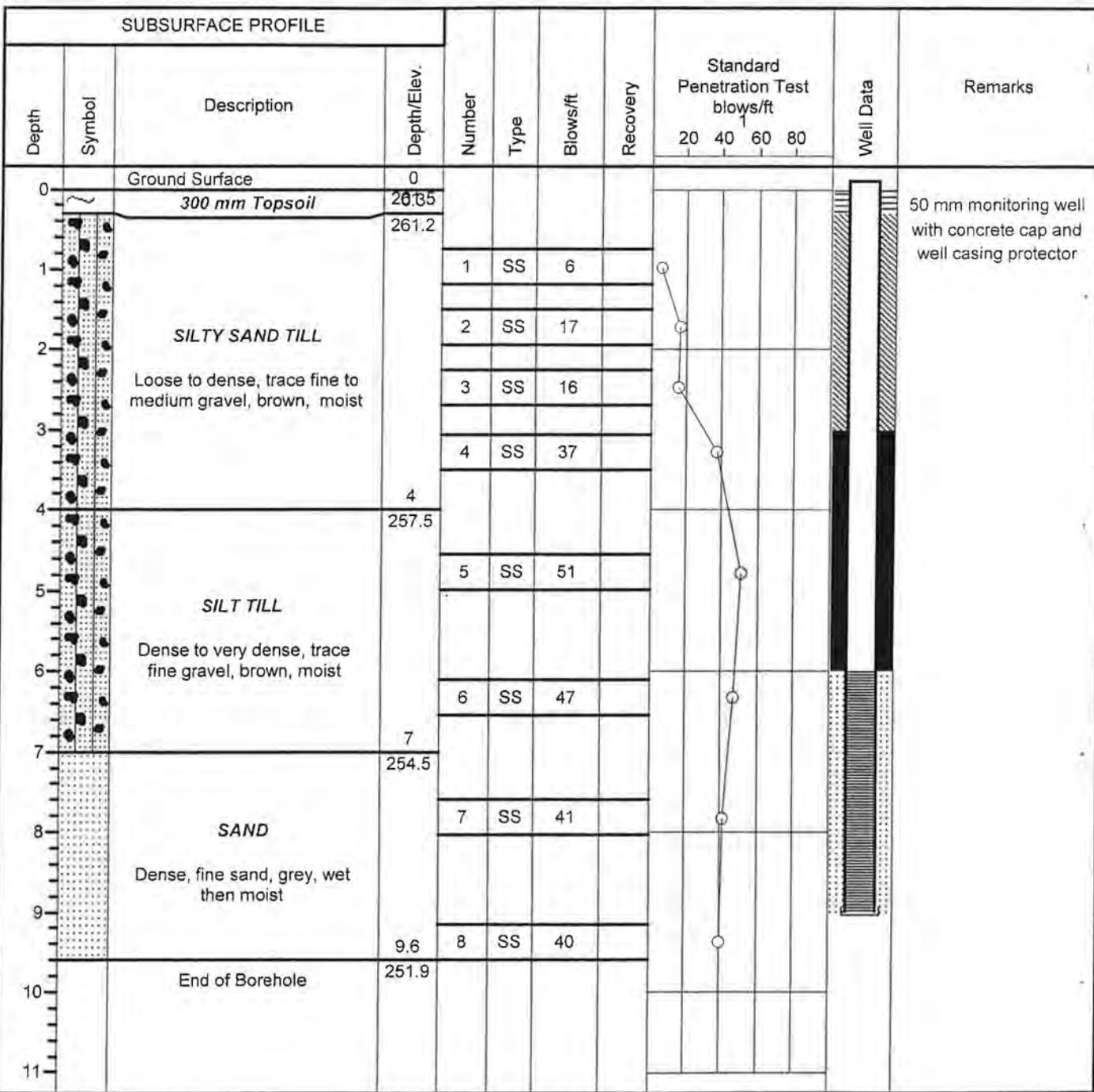
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 4

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd
1080 Tapscott Rd, Unit 24
Scarborough, ON
M1X 1E7

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

Datum:

Drill Date: May 27, 2009

Sheet: 1 of 1

Project No: 2900-9-5

Borehole No: MW104

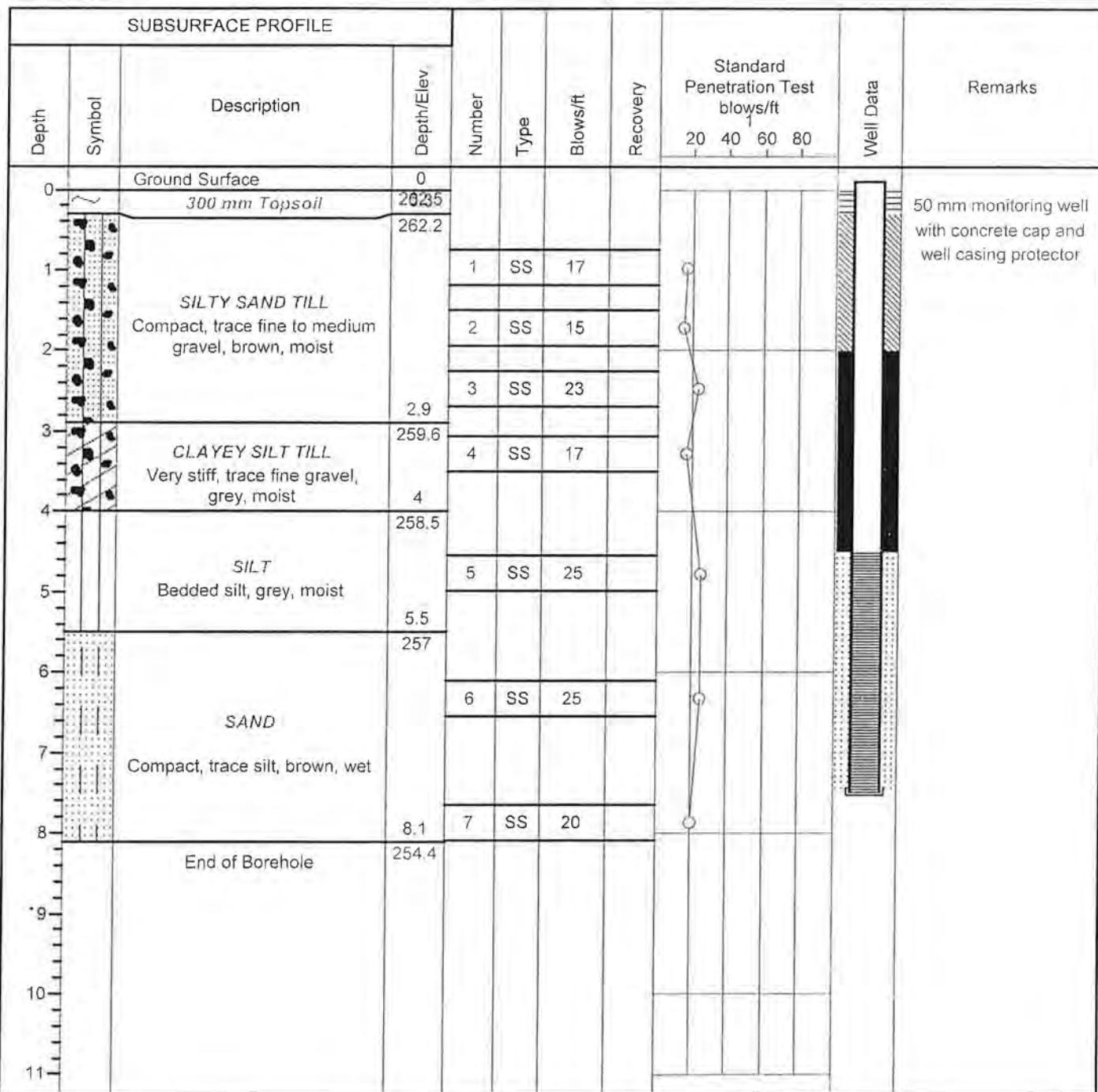
Project: Glen Williams Subdivision

Client: Eden Oak Homes

• Enclosure: 5

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd
1080 Tapscott Rd, Unit 24
Scarborough, ON
M1X 1E7

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

Datum:

Drill Date: May 27, 2009

Sheet: 1 of 1

Project No: 2900-9-5

Borehole No: MW105

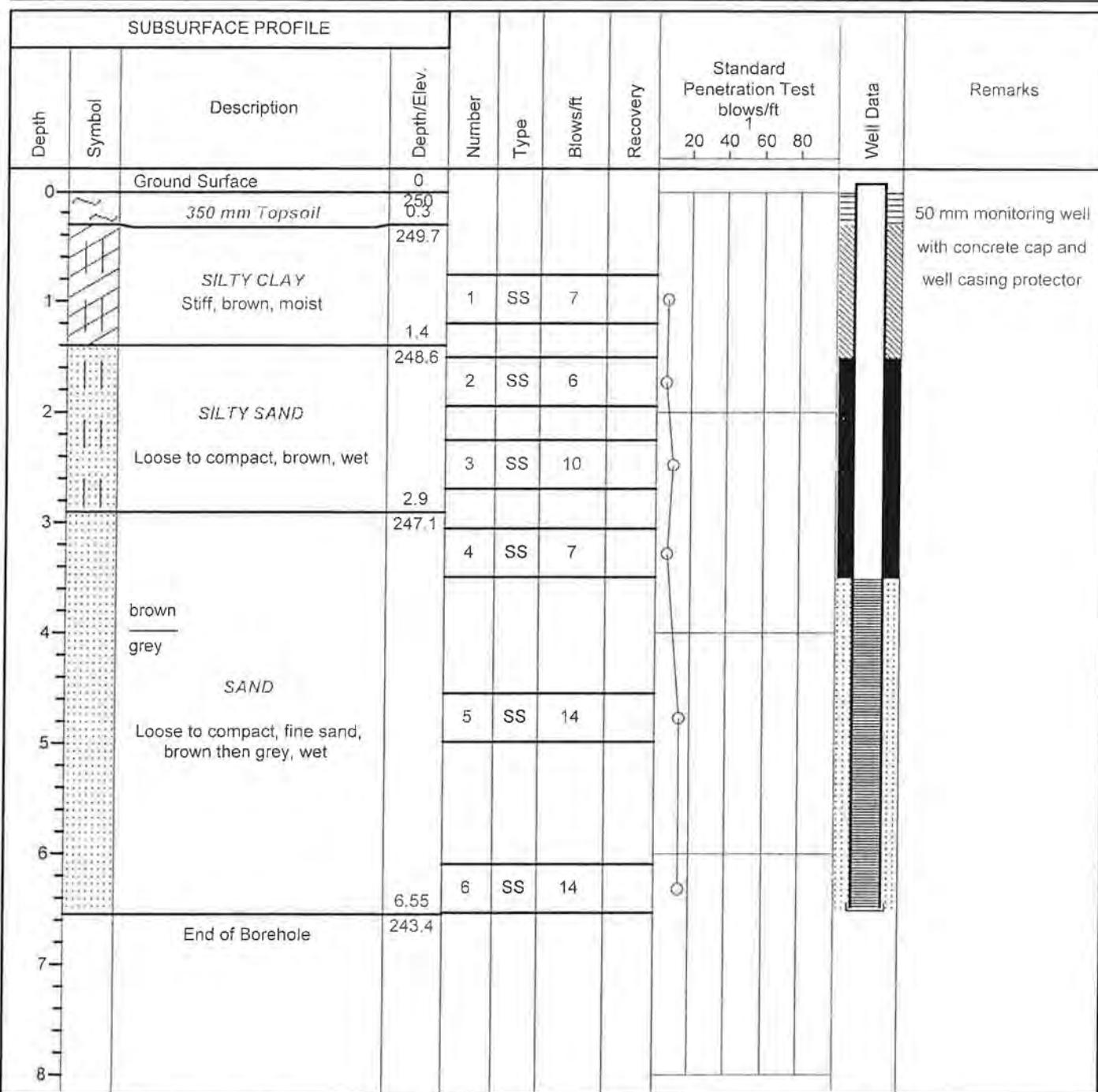
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 6

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd
1080 Tapscott Rd. Unit 24
Scarborough, ON
M1X 1E7

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

Datum:

Drill Date: May 27, 2009

Sheet: 1 of 1

Project No: 2900-9-5

Borehole No: MW106

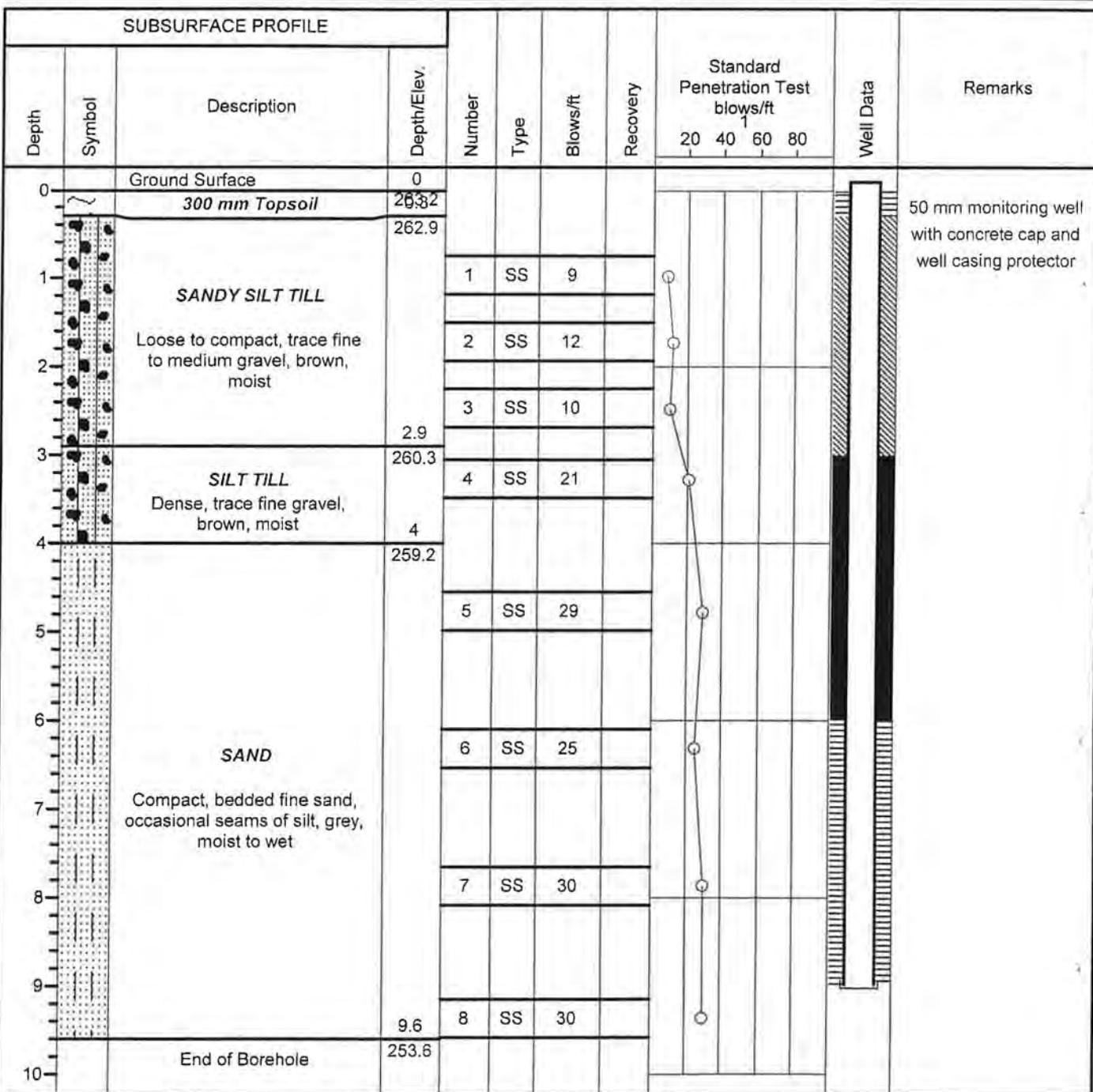
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 7

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd

Hole Size: 210 mm

Drill Method: Hollow Stem Auger

1080 Tapscott Rd, Unit 24

Datum:

Drill Date: June 4, 2009

Scarborough, ON

Sheet: 1 of 1

M1X 1E7

Project No: 2900-9-5

Borehole No: MW107

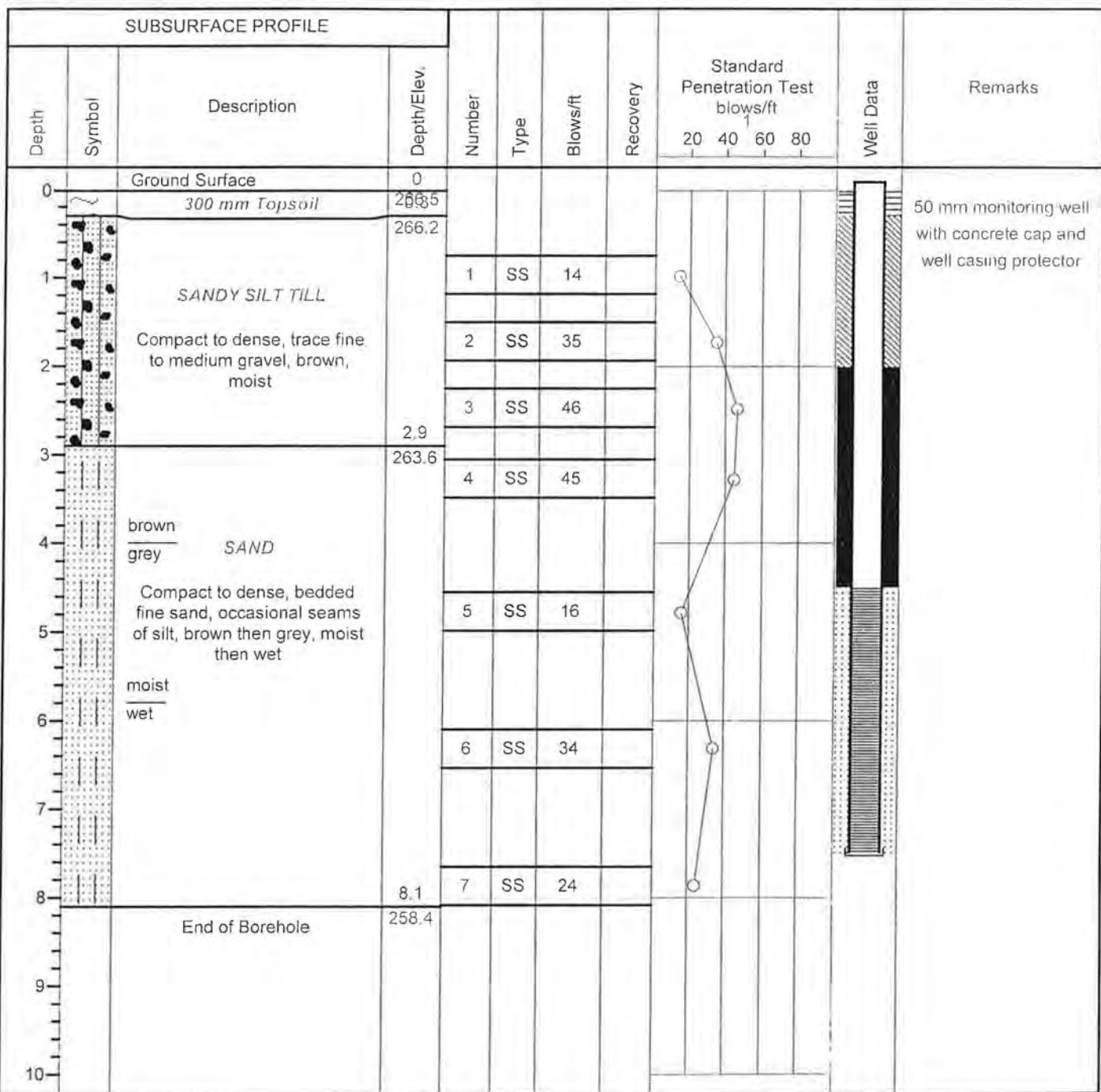
Project: Glen Williams Subdivision

Client: Eden Oak Homes

Enclosure: 8

Location: Halton Hills, ON

Datum Elev.: Geodetic



Drilled By: Aardvark Drilling

V A Wood Associates Ltd
1080 Tapscott Rd, Unit 24
Scarborough, ON
M1X 1E7

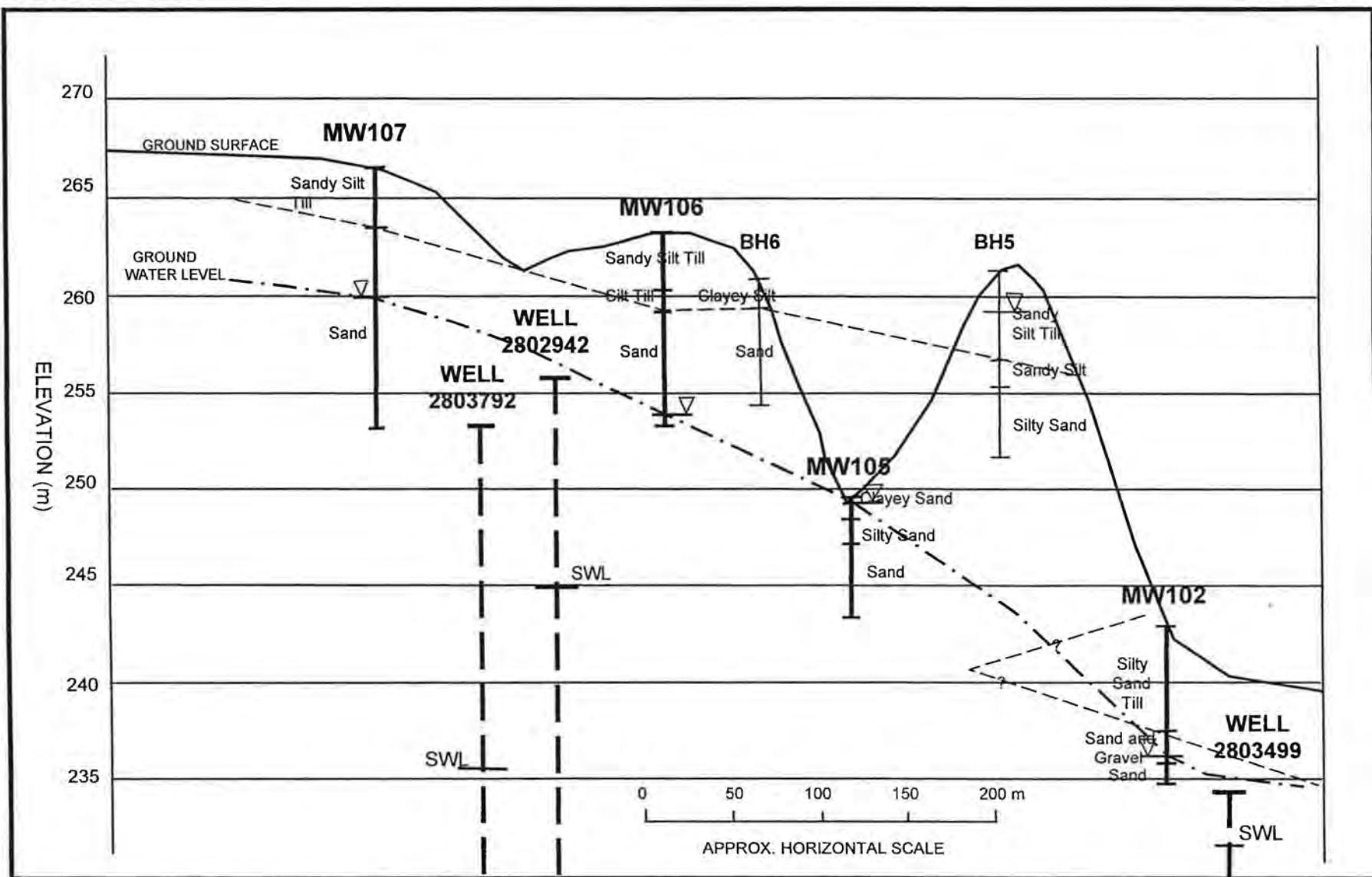
Hole Size: 210 mm

Drill Method: Hollow Stem Auger

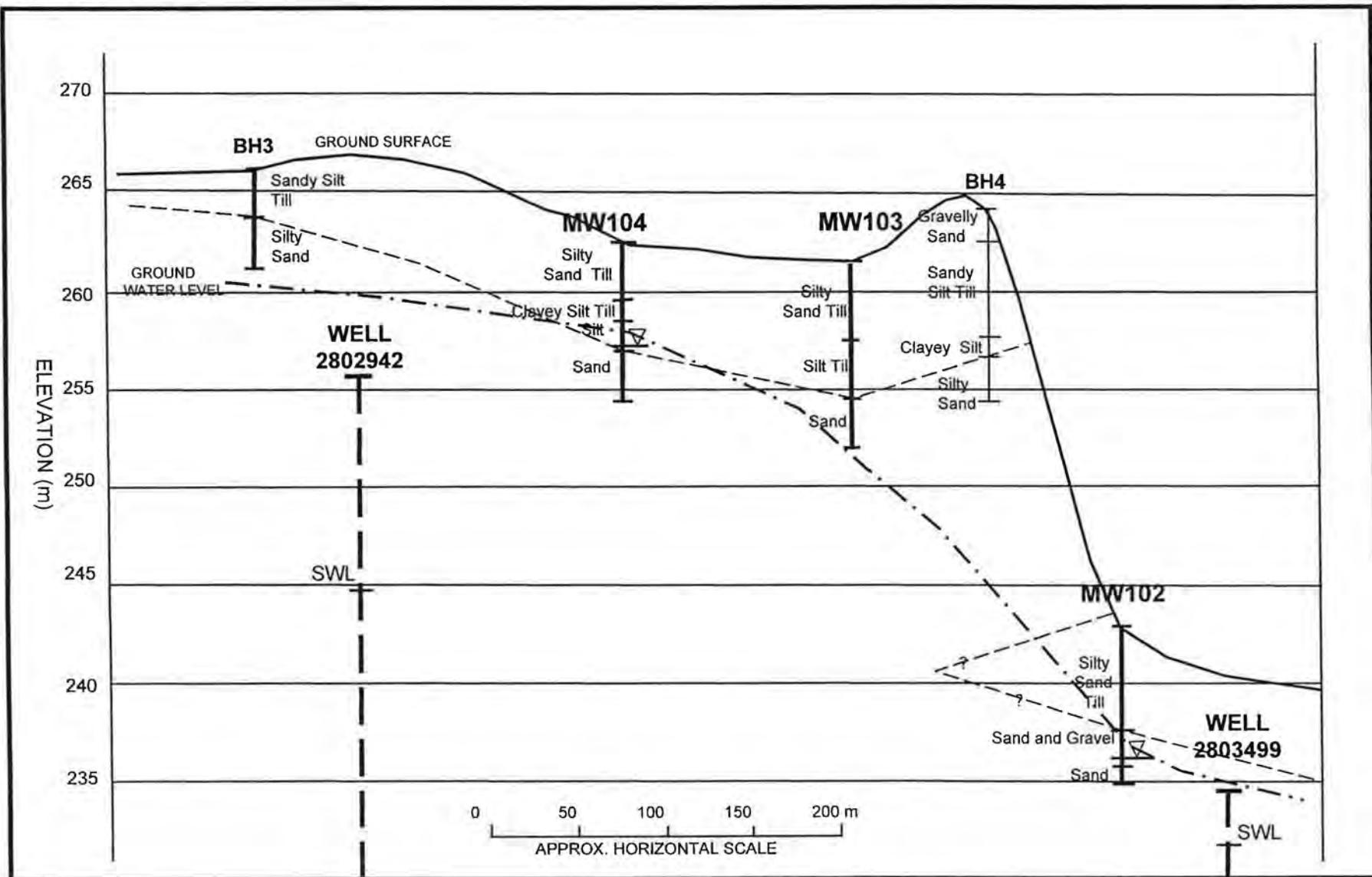
Datum:

Drill Date: June 4, 2009

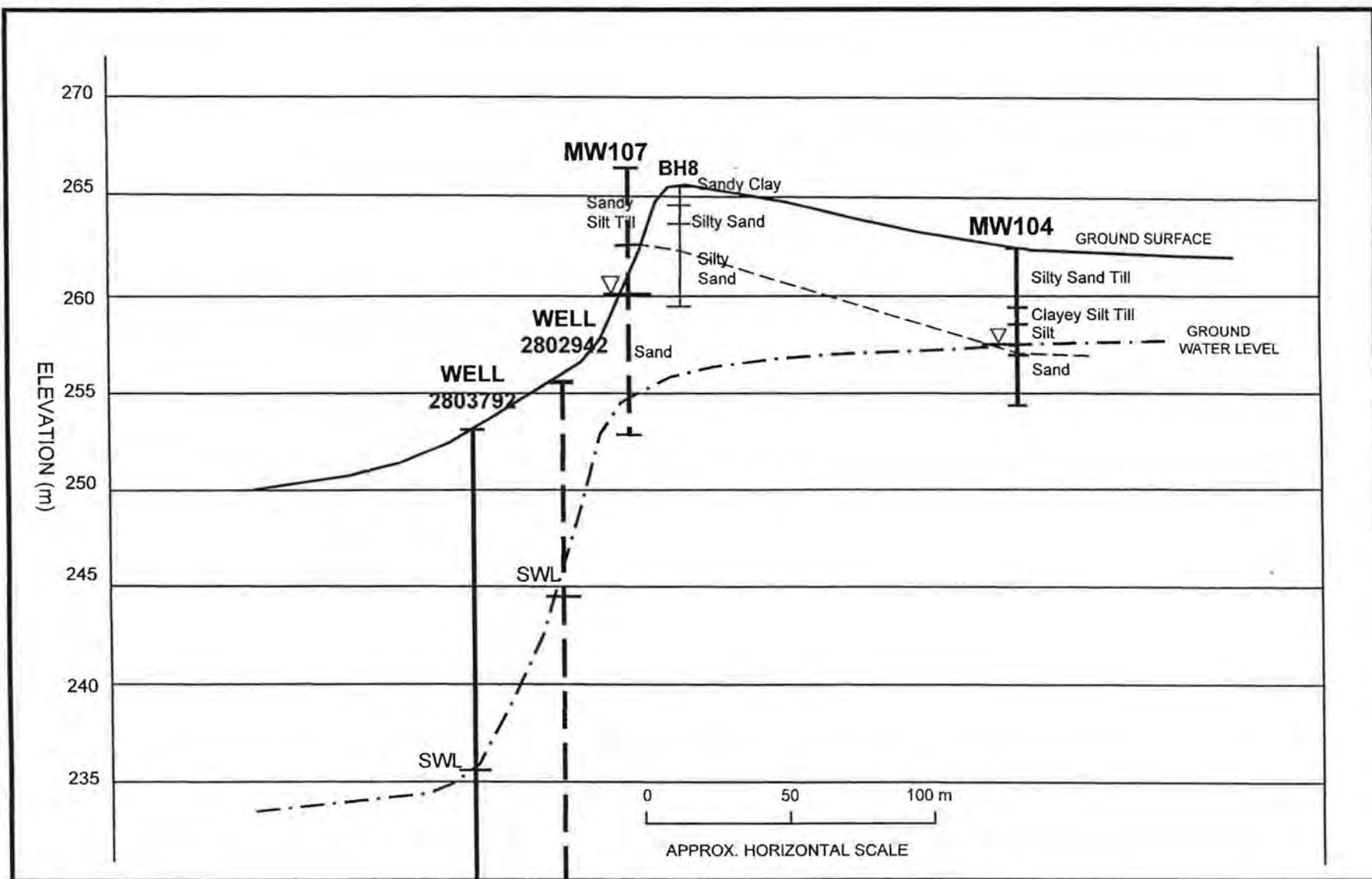
Sheet: 1 of 1



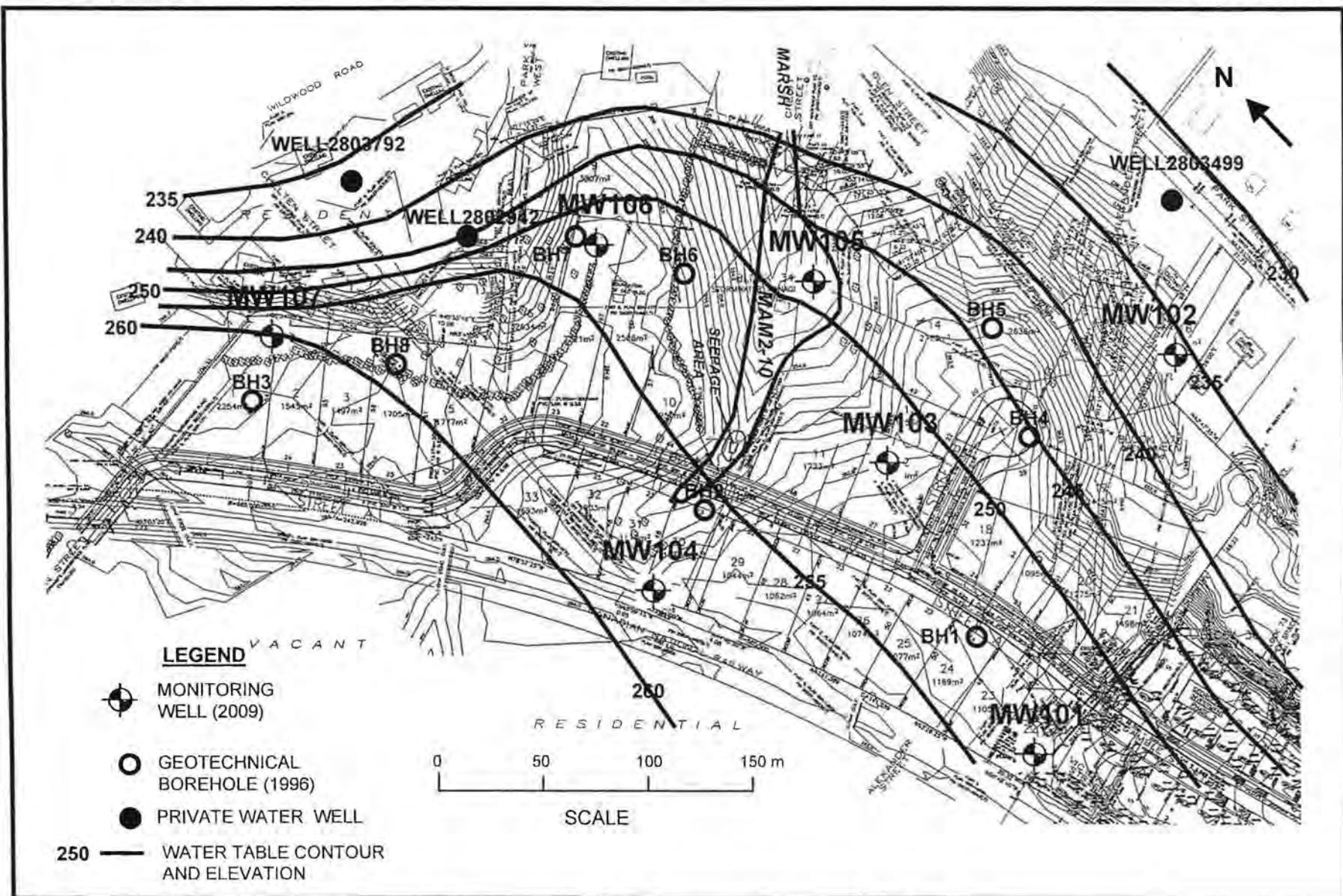
GEOLOGICAL SECTION A - A'



GEOLOGICAL SECTION B - B'



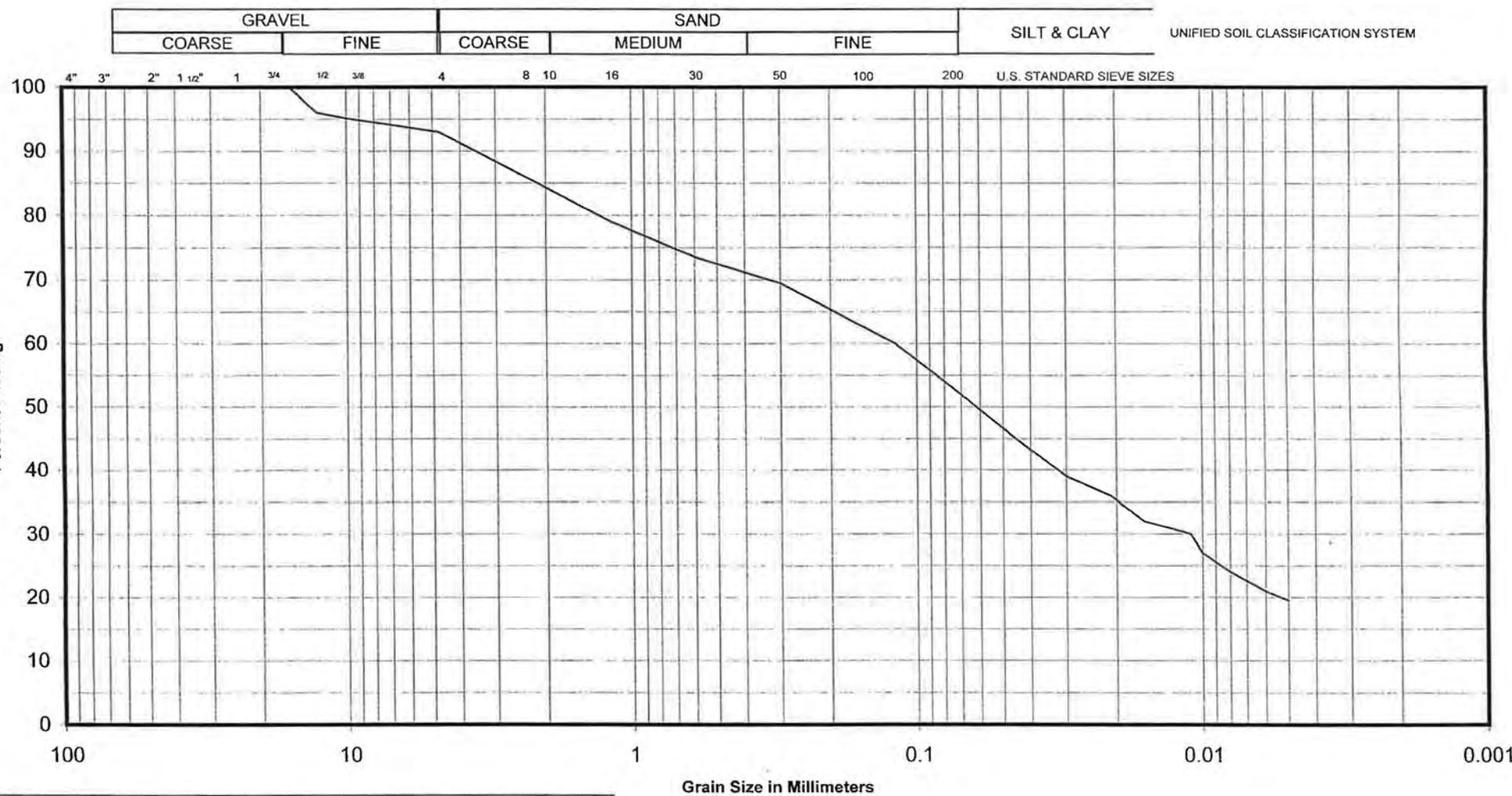
GEOLOGICAL SECTION C - C'



WATER TABLE CONTOUR MAP

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW101

SAMPLE NO.: SS2

DEPTH : 1.7 m

ELEVATION: 262.8 m

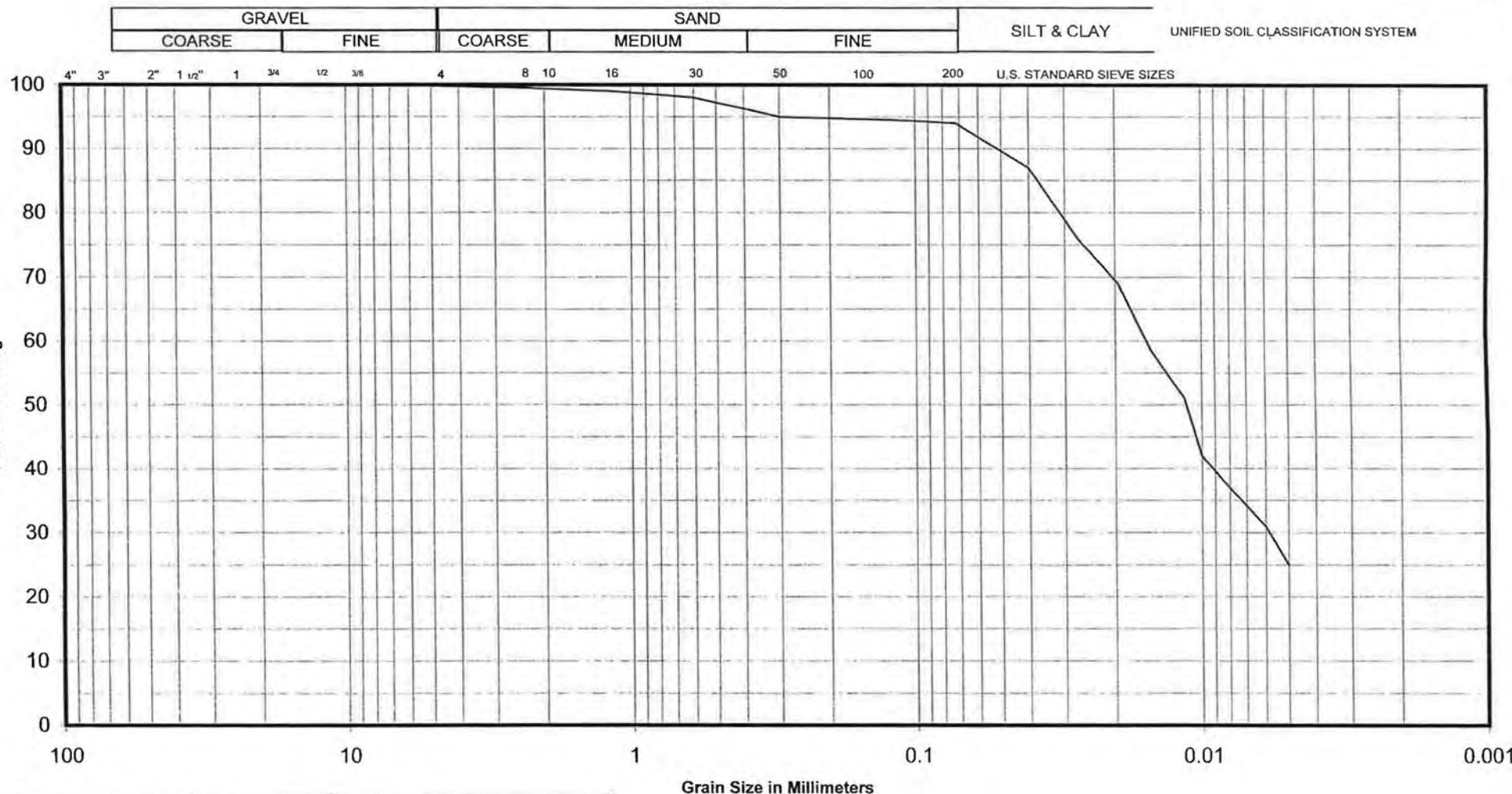
DATE: June 2009

SAND AND SILT, some clay

ENCLOSURE No.: 13

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW101

SAMPLE NO.: SS6

DEPTH : 6.3 m

ELEVATION: 258.2 m

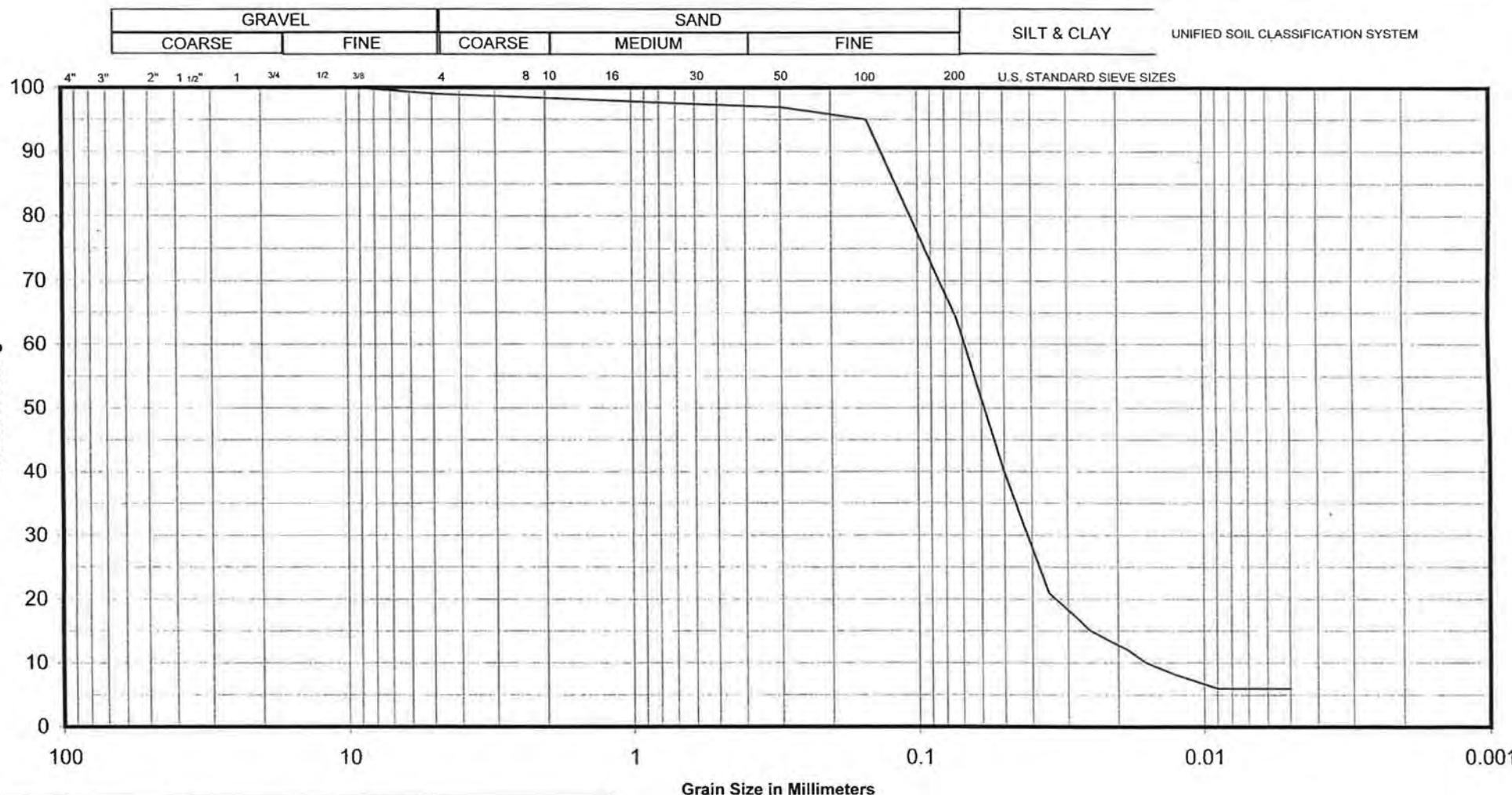
DATE: June 2009

Clayey SILT

ENCLOSURE No.: 14

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW101

SAMPLE NO.: SS8

DEPTH : 9.3 m

ELEVATION: 255.2 m

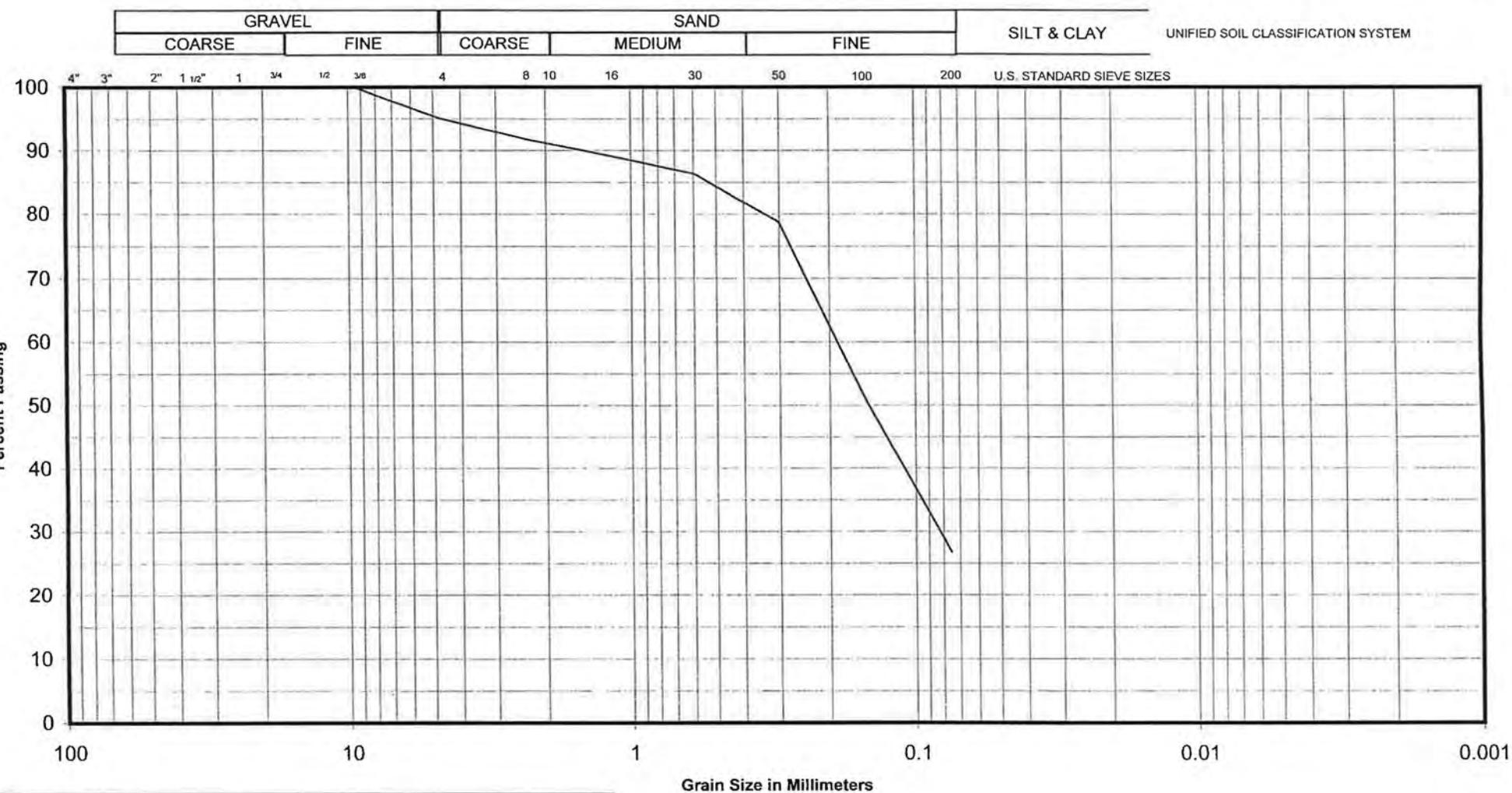
DATE: June 2009

Sandy SILT

ENCLOSURE No.: 15

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW102

SAMPLE NO.: SS4

DEPTH : 3.3 m

ELEVATION: 239.7 m

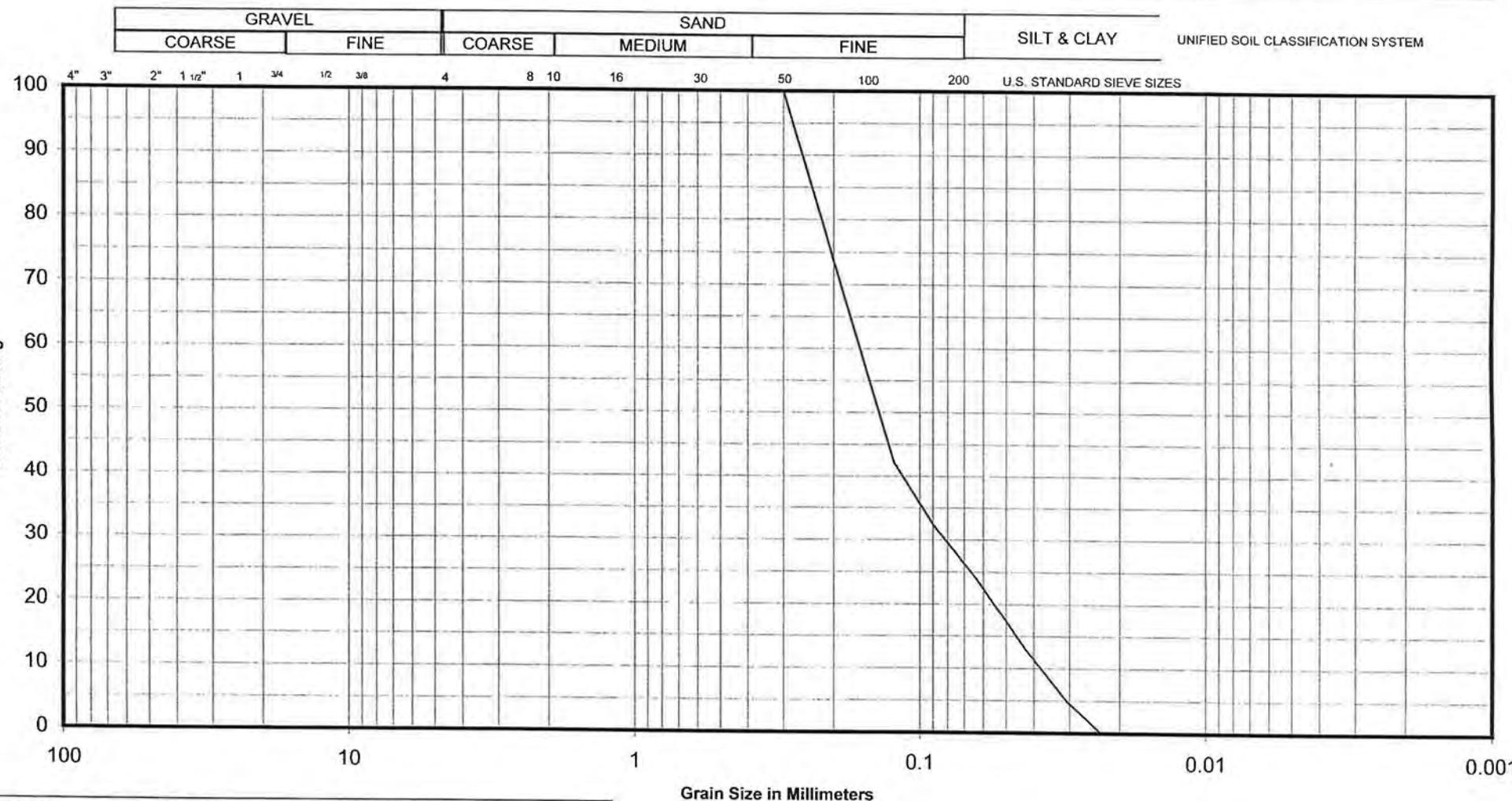
DATE : July 2009

ENCLOSURE NO.: 16

Silty SAND

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW105

SAMPLE NO.: SS3

DEPTH : 2.5 m

ELEVATION: 247.5 m

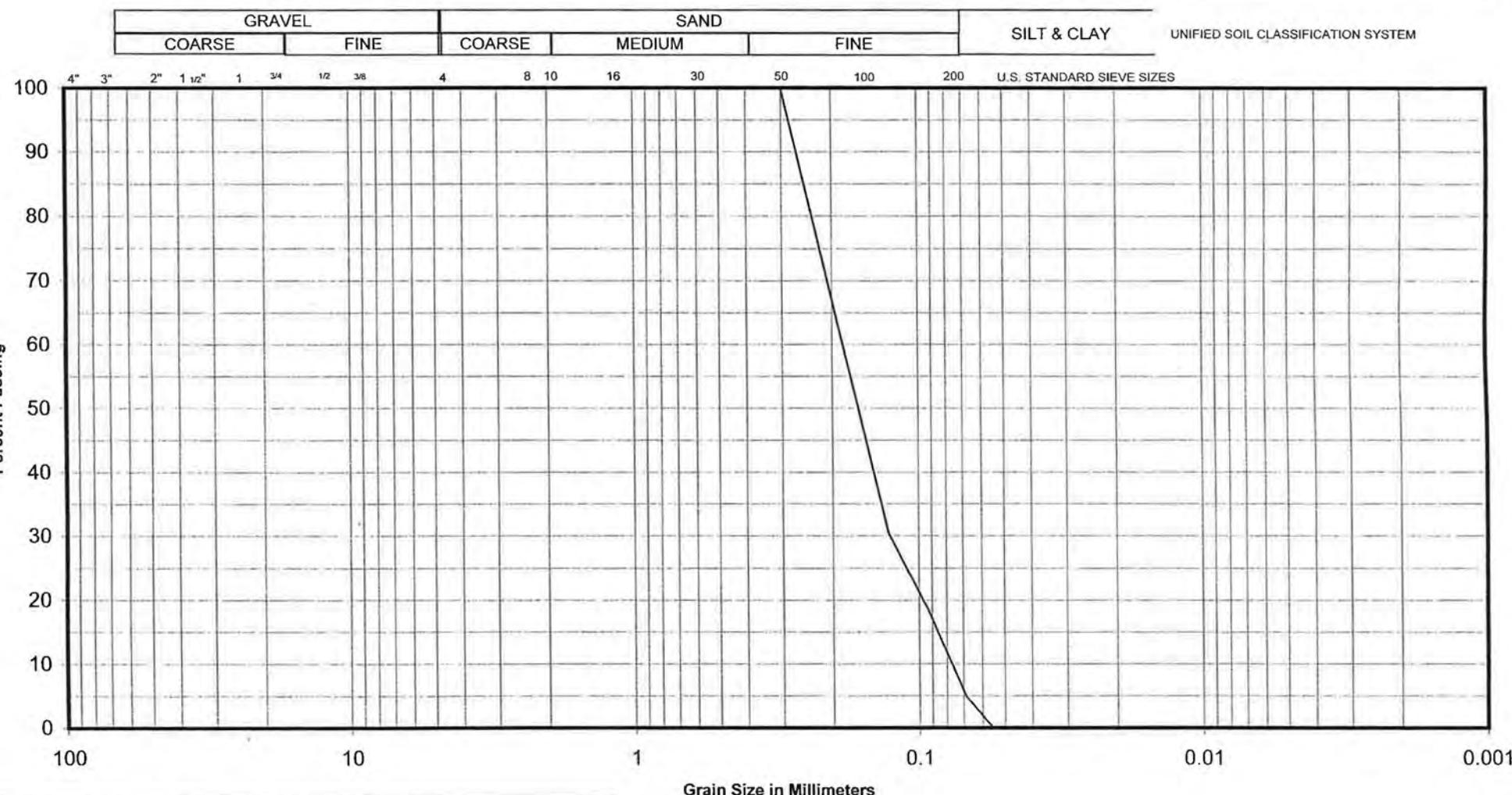
DATE : June 2009

Fine SAND, some silt

ENCLOSURE No.: i7

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW105

SAMPLE NO.: SS6

DEPTH : 6.3 m

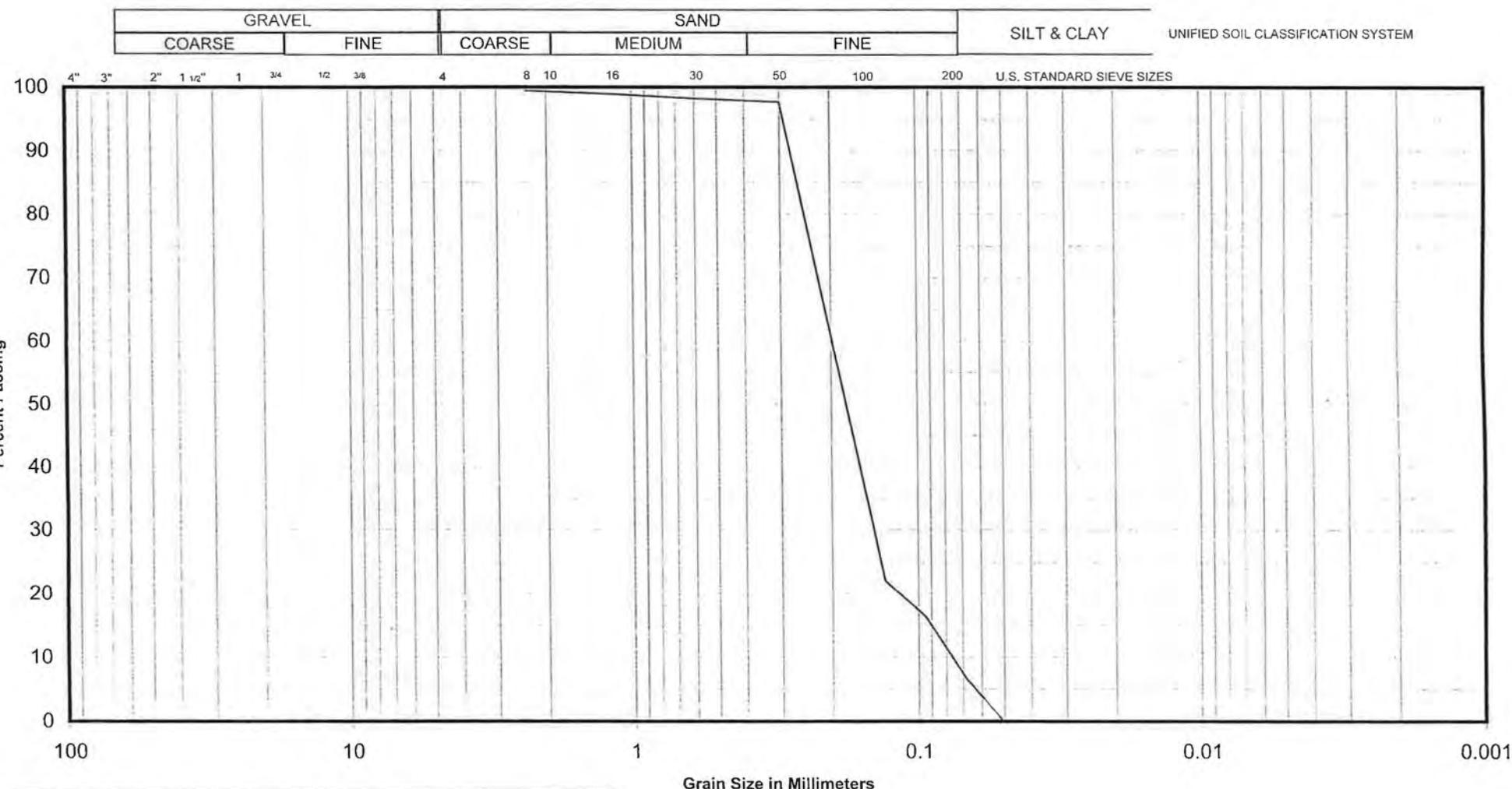
ELEVATION: 243.7 m

DATE : June 2009

Fine SAND

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW107

SAMPLE NO.: SS4

DEPTH : 3.3 m

ELEVATION: 263.2 m

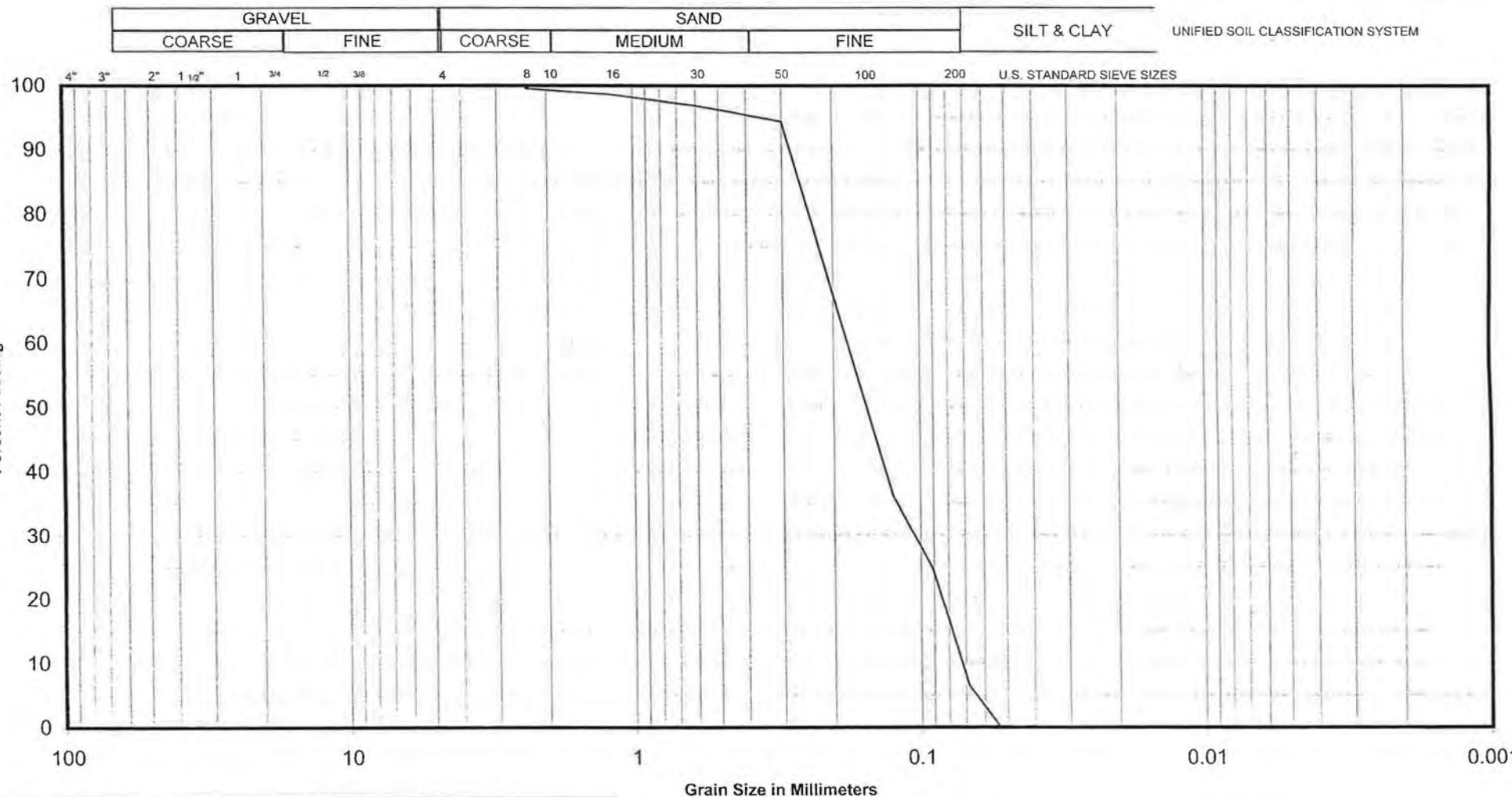
DATE : July 2009

Fine SAND

ENCLOSURE No.: 14

GRAIN SIZE DISTRIBUTION

OUR REFERENCE No.: 2900-9-5



PROJECT: Glen Williams Subdivision

LOCATION: Halton Hills, ON

BOREHOLE NO.: MW107

SAMPLE NO.: SS6

DEPTH : 6.3 m

ELEVATION: 260.2 m

DATE : July 2009

Fine SAND

ENCLOSURE No.: 29