CONTRACT NO. 83980

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1338	05-00083-00-FP	COOK	167	167
SUMMARY OF QUANTITIES				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT M-8003(512)		

BORING LOG NO. SB-5

AGI Job No. 06-212 | Sheet 1 of 1

CLIENT: Civiltech Engineering, Inc.
PROJECT: Wise Road Improvements, Village of Schaumburg
STATION: 53+75 | OFFSET (ft): 40' R
LOCATION: Wise Road
COUNTY:
CITY & STATE: Schaumburg, Illinois
SURFACE ELEVATION: Datum:

DEPTH (FT.)	SAMPLES SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	TESTS MOISTURE, %	HNu Units ppm	Qu tsf Failure Type	DRY DENSITY PCF	Elastic Coefficient of Permeability K, (cm/sec)
1.0 FILL- Clayey topsoil, black									
FILL- Silty clay, brown-gray, hard	12	1	SS	55	17		4		
5.0	8	2	SS	67	16		4.5		
ORGANIC SILTY CLAY, black, very stiff, (CL)	11	3	SS	67	25		2		
8.0									
ORGANIC SILTY CLAY, brown-gray-black-mott, stiff, (CL)	5	4	SS	67	33		1.5		
13.0	10	5	SS	78	22		1.5		
SILTY CLAY, with moist sand seam at 15', brown-gray, hard, (CL)	10	6	SS	78	19		4.5		
15.0 End Of Boring									

WATER LEVEL OBSERVATIONS: WL ▽ DRY; WL ▼; WL ▽

Applied GeoScience, Inc.
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Schaumburg, Illinois 60173
Tel: (847) 303-0300
Fax: (847) 303-0900

STARTED 5-31-07 | FINISHED 5-31-07
DRILL CO. WD | DRILL RIG 45-C
DRILLER Bill | ASS'T DRILLER
ENG/GEOL MG | APPROVED AMM

AGI WISE RD.GPJ 6/18/07

BORING LOG NO. SB-6

AGI Job No. 06-212 | Sheet 1 of 2

CLIENT: Civiltech Engineering, Inc.
PROJECT: Wise Road Improvements, Village of Schaumburg
STATION: 55+60 | OFFSET (ft): 31' R
LOCATION: Wise Road
COUNTY:
CITY & STATE: Schaumburg, Illinois
SURFACE ELEVATION: Datum:

DEPTH (FT.)	SAMPLES SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	TESTS MOISTURE, %	HNu Units ppm	Qu tsf Failure Type	DRY DENSITY PCF	Elastic Coefficient of Permeability K, (cm/sec)
FILL- 3" Black topsoil over silty clay with sand & gravel seam	8	1	SS	33	17		4.5		
3.0 FILL- Silty clay, brown-gray, hard	7	2	SS	44	17		4.5		
5.5 ORGANIC SILTY CLAY, black, trace mott, very stiff to stiff, moist to wet, (CH)	9	3	SS	33	32		2		
10.0 ▽ PEAT, with organic silt, black-mott, (PT)	5	4	SS	67	36		1		
15.0 ▼ ORGANIC CLAYEY SILT, black-gray, wet, (ML-OL)	2	5	SS	78	41				
	2	6	SS	83	115				
20	2	7	SS	100	79				

Continued on Next Page

WATER LEVEL OBSERVATIONS: WL ▽ 10 WD; WL ▼ 16 AB; WL ▽

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DRILLER Bill | ASS'T DRILLER
ENG/GEOL MG | APPROVED AMM

AGI WISE RD.GPJ 6/18/07

BORING LOG NO. SB-6

AGI Job No. 06-212 | Sheet 2 of 2

CLIENT: Civiltech Engineering, Inc.
PROJECT: Wise Road Improvements, Village of Schaumburg
STATION: 55+60 | OFFSET (ft): 31' R
LOCATION: Wise Road
COUNTY:
CITY & STATE: Schaumburg, Illinois
(continued)

DEPTH (FT.)	SAMPLES SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	TESTS MOISTURE, %	HNu Units ppm	Qu tsf Failure Type	DRY DENSITY PCF	Elastic Coefficient of Permeability K, (cm/sec)
25.0 SAND, trace clay & shale, medium dense, (SW)	9	8	SS	100	40				
30	11	9	SS	78	17				
35.0 End Of Boring	13	10	SS	17	17				

WATER LEVEL OBSERVATIONS: WL ▽ 10 WD; WL ▼ 16 AB; WL ▽

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DRILLER Bill | ASS'T DRILLER
ENG/GEOL MC | APPROVED AMM

AGI WISE RD.GPJ 6/18/07

BORING LOG NO. SB-7

AGI Job No. 06-212 | Sheet 1 of 1

CLIENT: Civiltech Engineering, Inc.
PROJECT: Wise Road Improvements, Village of Schaumburg
STATION: 57+75 | OFFSET (ft): 45' R
LOCATION: Wise Road
COUNTY:
CITY & STATE: Schaumburg, Illinois
SURFACE ELEVATION: Datum:

DEPTH (FT.)	SAMPLES SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	TESTS MOISTURE, %	HNu Units ppm	Qu tsf Failure Type	DRY DENSITY PCF	Elastic Coefficient of Permeability K, (cm/sec)
1.0 FILL- Clayey topsoil, black									
FILL- Silty clay, brown-gray, hard	8	1	SS	67	16		4.5		
5.5	9	2	SS	78	17		4.5		
ORGANIC SILTY CLAY, black, very stiff, (CL)	9	3	SS	67	33		2		
8.0									
SILTY CLAY, brown-gray trace brown, stiff, (CL)	4	4	SS	67	33		1.5		
11.0									
SILTY CLAY, gray, very stiff, (CL)	7	5	SS	67	24		3		
13.0									
SANDY SILT, gray, loose, moist, (ML-SP)	5	6	SS	83	19				
15.0 End Of Boring									

WATER LEVEL OBSERVATIONS: WL ▽ DRY; WL ▼; WL ▽

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DRILLER Bill | ASS'T DRILLER
ENG/GEOL MG | APPROVED AMM

AGI WISE RD.GPJ 6/18/07

BORING LOG NO. SB-8

AGI Job No. 06-212 | Sheet 1 of 1

CLIENT: Civiltech Engineering, Inc.
PROJECT: Wise Road Improvements, Village of Schaumburg
STATION: 57+25 | OFFSET (ft): 37' R
LOCATION: Wise Road
COUNTY:
CITY & STATE: Schaumburg, Illinois
SURFACE ELEVATION: Datum:

DEPTH (FT.)	SAMPLES SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	TESTS MOISTURE, %	HNu Units ppm	Qu tsf Failure Type	DRY DENSITY PCF	Elastic Coefficient of Permeability K, (cm/sec)
1.0 FILL- 8" Black topsoil with silty clay, hard									
FILL- Silty clay, brown-gray, hard	6	1	SS	67	17		4		
5.5	7	2	SS	67	17		4		
ORGANIC SILTY CLAY, black, stiff, (CL)	7	3	SS	95	37		1.5		
8.0									
SILTY CLAY, brown-gray trace brown, stiff, (CL) ▽	3	4	SS	78	45		0.5		
13.0	4	5	SS	67	24				
SILTY CLAY, gray, very stiff, (CL)	10	6	SS	78	22		2.25		
15.0 End Of Boring									

WATER LEVEL OBSERVATIONS: WL ▽ 11 wb; WL ▼ 10.5 AB; WL ▽

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DRILL CO. WD | DRILL RIG 45-C
DRILLER Bill | ASS'T DRILLER
ENG/GEOL MG | APPROVED AMM

AGI WISE RD.GPJ 6/18/07

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

DRAWN BY DJK
DATE 9/21/07 CHECKED BY JRV