LOG OF BORING NO. B1-6

GEC Job #

SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc.

PROJECT: Proposed Site Improvements

STATION:

LOCATION: Waukegan Regional Airport, Waukegan, Lake County, Illinois

DEPTH BELOW GROUND SURFACE	SAMPLE NO.	TYPE SAMPLE	SAMPLE DISTANCE	% RECOVERY	GRAPHIC LOG	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.3	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.2 / CALIBRATED PENETROMETER TONS/FT.2 / WATER CONTENT % / STANDARD "N" PENETRATION BLOWS/FT.
						GROUND SURFACE ELEVATION 714.97		
	1	SS		95		FILL, silty sandy clay, some fine gravel, brown-grey, very stiff, (SC-FILL)	126.5	
5	2	SS		90		5.0 710.0 SILTY CLAY, little sand & gravel, brown, hard, (CL)		
	3	SS		100				
10	4	SS		100		10.0 705.0 End Of Boring		

WATER LEVEL OBSERVATIONS

W.L.	Dry
W.L.	
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

BORING STARTED	12/20/04
BORING COMPLETED	12/20/04
BORING DRILLED BY	FOREMAN
GEI	APPROVED SAG

LOG OF BORING 010505.GPJ

LOG OF BORING NO. B1-7

GEC Job #

SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc.

PROJECT: Proposed Site Improvements

STATION:

LOCATION: Waukegan Regional Airport, Waukegan, Lake County, Illinois

DEPTH BELOW GROUND SURFACE	SAMPLE NO.	TYPE SAMPLE	SAMPLE DISTANCE	% RECOVERY	GRAPHIC LOG	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.3	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.2 / CALIBRATED PENETROMETER TONS/FT.2 / WATER CONTENT % / STANDARD "N" PENETRATION BLOWS/FT.
						GROUND SURFACE ELEVATION 715.37		
	1	SS		77		SILTY CLAY, little to some sand & gravel, brown, hard, (CL)	133.0	
5	2	SS		69				
	3	SS		100				
10	4	SS		100		10.0 705.4 End Of Boring		

WATER LEVEL OBSERVATIONS

W.L.	Dry
W.L.	
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

BORING STARTED	12/20/04
BORING COMPLETED	12/20/04
BORING DRILLED BY	FOREMAN
GEI	APPROVED SAG

LOG OF BORING 010505.GPJ

LOG OF BORING NO. B1-8

GEC Job #

SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc.

PROJECT: Proposed Site Improvements

STATION:

LOCATION: Waukegan Regional Airport, Waukegan, Lake County, Illinois

DEPTH BELOW GROUND SURFACE	SAMPLE NO.	TYPE SAMPLE	SAMPLE DISTANCE	% RECOVERY	GRAPHIC LOG	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.3	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.2 / CALIBRATED PENETROMETER TONS/FT.2 / WATER CONTENT % / STANDARD "N" PENETRATION BLOWS/FT.
						GROUND SURFACE ELEVATION 716.57		
						CLAYEY SAND, dk. brown, (SC)		
						0.5 718.1 SILTY CLAY, with sand & gravel, brown, hard, (CL)		
	1	SS		100				
5	2	SS		100			129.0	
	3	SS		100				
10	4	SS		100		10.0 706.6 End Of Boring		

WATER LEVEL OBSERVATIONS

W.L.	Dry
W.L.	
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

BORING STARTED	12/20/04
BORING COMPLETED	12/20/04
BORING DRILLED BY	FOREMAN
GEI	APPROVED SAG

LOG OF BORING 010505.GPJ

LOG OF BORING NO. B1-9

GEC Job #

SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc.

PROJECT: Proposed Site Improvements

STATION:

LOCATION: Waukegan Regional Airport, Waukegan, Lake County, Illinois

DEPTH BELOW GROUND SURFACE	SAMPLE NO.	TYPE SAMPLE	SAMPLE DISTANCE	% RECOVERY	GRAPHIC LOG	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.3	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.2 / CALIBRATED PENETROMETER TONS/FT.2 / WATER CONTENT % / STANDARD "N" PENETRATION BLOWS/FT.
						GROUND SURFACE ELEVATION 716.75		
	1	SS		85		SILTY CLAY, fr. to some sand & gravel, brown, hard, (CL)	131.0	
5	2	SS		95				
	3	SS		100				
10	4	SS		100		10.0 706.8 End Of Boring		

WATER LEVEL OBSERVATIONS

W.L.	Dry
W.L.	
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

BORING STARTED	12/20/04
BORING COMPLETED	12/20/04
BORING DRILLED BY	FOREMAN
GEI	APPROVED SAG

LOG OF BORING 010505.GPJ

LOG OF BORING NO. B1-10

GEC Job #

SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc.

PROJECT: Proposed Site Improvements

STATION:

LOCATION: Waukegan Regional Airport, Waukegan, Lake County, Illinois

DEPTH BELOW GROUND SURFACE	SAMPLE NO.	TYPE SAMPLE	SAMPLE DISTANCE	% RECOVERY	GRAPHIC LOG	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.3	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.2 / CALIBRATED PENETROMETER TONS/FT.2 / WATER CONTENT % / STANDARD "N" PENETRATION BLOWS/FT.
						GROUND SURFACE ELEVATION		
						Topsoil, silty sandy clay, fr. roots, dk. brown & black		
						0.5 SILTY CLAY, fr. sand & gravel, brown, hard, (CL)		
	1	SS		100				
5	2	SS		100			128.0	
	3	SS		100				
10	4	SS		100		10.0 End Of Boring		

WATER LEVEL OBSERVATIONS

W.L.	Dry
W.L.	
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

BORING STARTED	12/20/04
BORING COMPLETED	12/20/04
BORING DRILLED BY	FOREMAN
GEI	APPROVED SAG

LOG OF BORING 010505.GPJ

WA055

SOILS INVESTIGATION PERFORMED BY:
GROUND ENGINEERING CONSULTANTS, INC.
350 PFINGSTON ROAD, SUITE 106
NORTHBROOK, ILLINOIS 60062

HANSON

HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200
Oak Brook, Illinois 60523
Telephone: 630.990.3800
Fax: 630.990.3801

Waukegan Regional Airport
Waukegan Regional Port District

3580 North McAree Road
Waukegan, Illinois 60087
Phone: 847.244.0055
Fax: 847.244.3813

REPAIR SELECTED PAVEMENT AREAS, REHABILITATE HANGAR TAXILANES AND SERVICE ROAD, AND CONSTRUCT NEW HANGAR PAVEMENTS

A.I.P. PROJ.: 3-17-0105-B30
IL. PROJ.: UGN-3449

No.	Drawing Issue Description	Date	By

Date

MAY 06, 2005

Sheet Title

SOIL BORING LOG
B1-6 THRU B1-10

831-04TXYD
Project Number

DSY	02/28/05	Layout By / Date
DSY	02/28/05	Designed By / Date
TMM/RMH	05/05/05	Reviewed By / Date
DSY		Drawn By

47
Sheet No.

05/06/2005 04:06 PM
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