UTE NO. SEC COUNTY 1016 15 NO.
FAU * MORGAN 63 51

* (69-HB)BR

CONTRACT NO. 72837

OF 27 SHEETS

Illinois Department of Transportation

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

Date <u>5/27/05</u>

ROUTE	FAU 8173	DESCRIPTIO	N			Mou	ınd Road over IL 104	LOGGED B	BY	M. Tap	pan
SECTION _	(69-H	B)BR	LOCATIO	N _	SW 1/	4. SEC	. 24, TWP. 15 N, RNG. 10 W, 3 F	РМ			
COUNTY _	Morgan	DRILLI	NG METH	OD			HSA HAMMEI	R TYPE _	140	# Auto	<u> </u>
STRUCT. NO. Station BORING NO.	069- 10	V. Abut	D E P T	B L O W	U C S	M 0 1 S	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:		D B L P O T W	U C S	M 0 1 S
Station Offset	7.0	+24 Off Lt	H /44	S /c'	Qu	T (%)	▼Upon Completion <u>Wa</u>	shed ff	H S	Qu	T (%)
Ground Sur Brown Moist	face Elev SILTY CLAY	667.7	ft (ft	/6'	(tsf)	(%)	Grey and Brown Moist SANDY	gged ff	(ft) /6"	(tsf)	(%)
			_				CLAY LOAM (continued)	_	∃ ,		
			_					_	4 6	1.6 B	21
			_				Brown Medium Grained Dirty	644.70			
			_	1			SAND	<u>Σ</u> _	1		
				2	0.7 B	28	1700 110101	_	2 25 4		
Light Greyish	Brown Moist S	SILTY	662.20					_			
			_	1		27	Grey Medium to Coarse Grained SAND	=	1 1		
Light Greyish	Brown V. Moi:	st SILT	659.70 —	-			CLAY LOAM (TIII)	639.70	Ⅎ,		
				1 1	0.4 B	27	Brown and Grey Moist CLAY LOAM (Till)	-	11 3p 15	5.2 S-12	10
			_	-				_			
Moist			_	1 2	0.8 B	25		_			
Light Grevish	Brown Moist S	SILTY	654.70					_	4		
CĽAY LOAM			_	1 3	1.5	20	Grey Moist CLAY LOAM (Till)	_	3	5.7	8
				15 4	В		Croy moior GEAT EGAM (TIII)	_		S-12	
				1				=			
Grey and Br	own Moist SILT)	Y	<u>651.2</u> 0	2	1.7 B	21		_			
		DV.		-	В			_			
Grey and Bro CLAY LOAM	own Moist SAN[זע	_	1				_	- ₂		
				2	1.0 B	19			10 40 16	5.2 B	13

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H — Sampler Advanced By Weight of Hammer, W.O.P — Advanced by Weight of Pipe, B.S. — Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

P	Illinois Dep of Transpo Division of Highways IDDT District 6	artme ortation	nt 1	
ROUTE	FAU 8173 DESC	RIPTION	_	
SECTION	(69-HB)BR	LOC	ATION	_
COUNTY	Morgan	DRILLING M	ЕТНО	D
STRUCT. N	069-0031 NO. 069-0521		D	В

File Mame S.\SOILS\GMT FILES\MORGAN\069-0521 PR WOUND ROAD OYER IL 104.6PJ Data Tempidae Lafitude 39 Deg 45.6D9 N Langitude 90 Deg 16.439 W Datum NADB3 Job Number D96-554-03

Grey Moist CLAY LOAM (Till) w/ Sandy Clay Loam (Till) Seams

w/ SILT Seams

SOIL BORING LOG

Mound Road over IL 104

Page <u>2</u> of <u>2</u>

Date <u>5/27/05</u>

M. Tappan

17 6.2 12

__ LOGGED BY

SECTION _	(69-HB)BR	LC	OCATION	:	SW 1/-	4, SEC	. 24, TWP. 15 N, RNG.	10 W, 3 PM				
COUNTY _	Morgan	DRILLING	METHOD)			HSA	HAMMER TYPE		140	# Auto)
STRUCT. NO. Station BORING NO. Station Offset Ground Surf	069-0031 069-0521 100+00 1 W. Abu 99+24 7.0ft Lt face Elev. 66'	Pr	D E P T H	B L O W S	U C S Qu (tsf)		Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	N/A ff N/A ff 643.7 ff Washed ff Plugged ff	D E P T H	B L O W S	U C S Qu (tsf)	M 0 1 S T
·	LAY LOAM (Till)			1 12 19 5 25 12	6.1 S-12	11	w/ SILT Seams Grey Moist CLAY LOAM	(ТіІІ)		4 8 14	6.7 B	13

26 10.0 12 Olive Brown and Grey Moist CLAY LOAM (Till)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H — Sampler Advanced By Weight of Hammer, W.O.P — Advanced by Weight of Pipe, B.S. — Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

DESIGNED BAN
CHECKED JOH
DRAWN TAC
CHECKED BAN

File Name S.\SOLS\GINT FILES\WORGAN\OGS-0521 PR WOUND ROAD OVER IL 104.0PJ Data Tamplate Latilude 39 Deg 43.609 N Langitude 90 Deg 16.439 W Datum NAU83. Job Number D96-554-03

SOIL BORINGS LOGS
MOUND ROAD (FAU ROUTE 8173)
OVER ILLINOIS ROUTE 104
SECTION (69-HB)BR
MORGAN COUNTY
STATION 100+00.00
STRUCTURE NO. 069-0521

HU CHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS