TOTAL SHEET SHEETS NO. COUNTY 8071 SANGAMON 559 197 STA. TO STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV

of Trans Division of Highways 1007 District 6	Department sportation	SOIL BORING LOG				Date <u>8/1</u> :
ROUTE <u>FAI 72/FAU 8021</u>		City Southwest Facility Borrow Area LOGGED B				М. Тарр
(84-9-4) HBK, BY SECTION / 02-00382		NE 1/4,	SEC. 2	0, TWP. 15 N, RNG. 5 W, 3	PM	
COUNTY Sangamon	DRILLING METHOD			HSA	HAMMER TYPE	N/A
	/A D B E L P O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	N/Aft N/Aft	
BORING NO. BP Station 26* Offset 75.0ft Ground Surface Elev.	-25 H S	Ou (tsf)	S T (%)	Groundwater Elev.: ▼First Encounter ▼Upon Completion ▼After Hrs.	No Encounter ft 577.1 ft Plugged ft	
Grey and Brown Moist Weather SILTY CLAY LOAM(Till) SAMPLE BP-3-1	7,1			<u></u>		
-200 = 80%, Clay = 27% LL = 33, PI = 17	\exists					
	\equiv					
	579.10					
Brownish Grey Moist CLAY LOA ([i]]) SAMPLE BP-3-2 -200 = 76%, Clay = 29%	M					
LL = 36, PI = 21	<u></u>					
Brown and Grey V. Moist SILTY	575.10 -10					
CLAY LOAM (Till) w/ Shale Clas SAMPLE BP-3-3 -200 = 78%, Clay = 27% LL = 33, PI = 19						
Grey Dry Fissle Clayey SHALE - Boring Completed RESTRICTED USE MATERIAL	572.60					
	-15					
	-20					

Illinois Department of Transportation Page $\underline{1}$ of $\underline{1}$ SOIL BORING LOG Date <u>8/13/03</u> ___ LOGGED BY ____M. Tappan FAI 72/FAU 8021 DESCRIPTION West Borrow Pit Area LOCATION <u>SW 1/4, SEC. 18, TWP. 15 N, RNG. 5 W, 3 PM</u> / 02-00382-02-PV COUNTY Sangamon DRILLING METHOD HAMMER TYPE Surface Water Elev. N/A ft N/A ft BORING NO. Groundwater Elev.: BORING NO. WBP-1
Station
Offset
Ground Surface Elev. It 100
Grey and Brown Moist SILTY
CLAY
-200 = 95%.
Clay = 34%.
LL = 49
PI = 28 ✓First Encounter
✓Upon Completion 78.0 ft (ft) /6' (tsf) (%) /6" (tsf) (%) (ft) Plugged ft Grey Moist CLAY LOAM (Till) -200 = 70% Clay = 26% LL = 28 PI = 15 Grey and Brown Moist SILTY CLAY LOAM -200 = 99% Clay = 22% LL = 33 PI = 14 Boring Completed -10 Brown and Grey Moist SILTY CLAY LOAM -200 = 95% Clay = 24% LL = 34 PI = 16 -15 -35 Grey Moist Weathered SILTY CLAY LOAM (Till) -200 = 87%, Clay = 28%, LL = 37 Pl = 19 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)

BORROW PIT BORINGS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION					
NAME	DATE	TEETHOTS DEFENTINENT OF TRANSPORTATION					
		BORINGS -4					
		FAI-72, MACARTHUR BLVD					
		SEC NO. 02-00382-02-PV					
		SEC NO. (84-9-4)A,HBK,BY,BY-1					
		SANGAMON COUNTY, ILLINOIS					
		SOUR VERT.					
		SCALE: HORIZ. DRAWN BY					
·		DATE 12/16/2006 CHECKED BY					

HANSON