

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
657.2	Medium stiff, black CLAY --FILL--	1		3	4	0.75	55	657.2	Medium dense to very dense, white SANDY GRAVEL	9		15	14	NP	15
657.2	Medium stiff, brown and gray CLAY --FILL--	2		3	2	0.50	43	657.2		10		50/44	NP	19	
652.2	Very soft, dark gray CLAY	4		2	2	0.25	35	634.7	Medium dense, brown, coarse SAND, wet	7		11	11	NP	
640.2		5		0	1	0.25	34	632.2	Medium dense, brown SANDY LOAM, wet	4		8	8	NP	12
		6		0	2	0.25	32	628.2	Hard, gray CLAY	13		8	15	4.38	15
		7		1	1	0.25	34	625.2	Boring terminated at 35.00 ft	35		23			
		8		1	1	0.25	29			40					

GENERAL NOTES
 Begin Drilling 04-16-2001 Complete Drilling 04-16-2001
 Drilling Contractor Rock and Soil Drilling Drill Rig Acker 82
 Driller: Dave Logger: T. Chen checked by: P. Wang
 Drilling Method: 4.25" ID HSA; backfilled w/ bentonite chip.

WATER LEVEL DATA
 While Drilling 23.50 ft
 At Completion of Drilling 4.00 ft
 Time After Drilling 24 hours
 Depth to Water NA
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
651.3	Medium stiff to very stiff, dark brown to black CLAY --FILL--	1		3	5	2.00	63	651.3	Medium dense to dense, light gray SANDY GRAVEL	9		4	6	NP	8
		2		2	2	0.50	21			10		3	4	NP	7
		3		3	4	1.07	11			11		9	11	NP	11
		4		4	15	NP	7			12		9	9	NP	10
		5		8	12	NP	11			13		13	26	NP	22
		6		59	35	NP	7			35		26	22		
		7		28	12	NP				40					
		8		4	8	NP				40					

GENERAL NOTES
 Begin Drilling 04-16-2001 Complete Drilling 04-17-2001
 Drilling Contractor Rock and Soil Drilling Drill Rig Acker 82
 Driller: Dave Logger: T. Chen checked by: P. Wang
 Drilling Method: 2.25" ID HSA; backfilled w/ bentonite chip.

WATER LEVEL DATA
 While Drilling 1.00 ft
 At Completion of Drilling 1.00 ft
 Time After Drilling 24 hours
 Depth to Water NA
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

FILE NAME = D:\68953-05-soil_boring_logs-II.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISOR -
		CHECKED - B.N.S.	REVISIONS -
		DRAWN - F.M.	
		CHECKED - B.N.S./J.C.N.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS-II
STRUCTURE NO. 049-0239
 SHEET NO. SC1-5 OF SC1-5 SHEETS

F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 356
				CONTRACT NO. 60953
ILLINOIS FED. AID PROJECT				

SOIL BORING LOGS-II
STRUCTURE NO. 049-0239
OUTLET NO. 14



CHRISTIAN-ROGGE & ASSOCIATES, INC.