

Notes:
 Borings were performed by IDOT District 4 personnel.
 Stations and offsets shown are relative to the proposed
 alignment of Allen Road.

Legend:
 Type of Failure:
 (B) = Bulge Failure
 (S) = Shear Failure
 (P) = Penetration Test
 S.P.T. - Standard Penetrometer Test
 U.C.S. - Unconfined Compressive Strength
 M.C. - Moisture Content

Allen Rd.

BORING 8703

Date: Sept. 10, 2004
 Sta. 87+03
 102 ft LT

Brown SILTY LOAM

Brown, Gray SANDY LOAM w/
 trace of gravel

Gray CLAY LOAM TILL
 1" Sand Seam @ 11.7 ft

0.25" Sand Seam @ 32 ft

3" wet sand seam @ 34 ft

Gray SANDY CLAY LOAM

Gray CLAY LOAM TILL

(End of Boring)

DEPTH ELEVATION (ft.)	DEPTH ELEVATION (ft.)	SPT T N (blows)	UCS Qu (tsf)	M.C. %
752.63				
		9	3.3	12
			P	
		12	3.3	12
			B	
		16	2.1	13
			S	
743.63				
		15	2.0	11
			P	
741.13				
		10	2.5	13
			B	
		9	1.8	14
			B	
		9	2.1	14
			B	
		15	2.1	
			B	
		14	2.1	12
			B	
		20	3.1	13
			B	
		20	2.0	13
			P	
		15	3.5	11
			P	
		12	2.9	12
			B	
		9	0.9	14
			B	
716.13				
		10	2.5	21
			P	
		9	1.0	18
			P	
711.13				
		20	4.0	9
			P	
		16	3.9	12
			P	
707.13				

Upon Completion
after 24 hrs.

Upon Completion

First Encounter

BORING 8620

Date: Sept. 10, 2004
 Sta. 86+20
 31 ft LT

Brown SILTY CLAY LOAM
 Some organics

Brown SANDY CLAY LOAM

Water and some Gravel @ 7.8 ft

wet sand seam @ 31.5 ft

W/ Sand @ 39 ft to 40.5 ft

(End of Boring)

DEPTH ELEVATION (ft.)	DEPTH ELEVATION (ft.)	SPT T N (blows)	UCS Qu (tsf)	M.C. %
754.68				
		8	1.7	21
			B	
		9	2.1	14
			B	
748.18				
		9	0.5	14
			P	
		10	2.1	15
			B	
		10	2.1	13
			B	
		9	2.1	14
			B	
		14	3.5	13
			B	
		11	2.0	13
			B	
		9	1.7	14
			B	
		12	2.1	13
			B	
		16	6.2	11
			B	
		9	1.2	13
			B	
		13	2.5	13
			B	
		14	2.1	13
			B	
		10	1.1	17
			B	
		31	3.5	11
			P	
		16	3.9	12
			B	
711.68				

Upon Completion
after 24 hrs.

First Encounter

Upon Completion

BORING 8536

Date: Sept. 15, 2004
 Sta. 85+36
 82 ft RT

Brown SILTY LOAM
 3" Traces of coal @ 1.5 ft

Brown, Gray CLAY LOAM TILL

0.25" Sand seam @ 16.7 ft

Trace of Water

Dark Brown Medium SAND & GRAVEL
 Water @ 27 ft

Gray SANDY CLAY LOAM

Gray GRAVEL & coarse SAND w/
 trace of clay

Gray SANDY CLAY LOAM

Gray CLAY LOAM TILL

(End of Boring)

DEPTH ELEVATION (ft.)	DEPTH ELEVATION (ft.)	SPT T N (blows)	UCS Qu (tsf)	M.C. %
754.18				
		15	<4.5	13
			P	
		16	4.7	12
			S	
		17	3.7	13
			B	
745.18				
		12	1.8	13
			B	
		12	2.7	13
			B	
		12	2.1	13
			B	
		10	1.6	13
			B	
		9	0.8	13
			B	
		15	2.9	11
			B	
		13	2.1	13
			B	
		8	2.0	15
			P	
727.18				
		13	0.8	15
			P	
		15	1.0	14
			P	
720.18				
		15		9
		28	1.5	17
			P	
715.18				
		26	4.7	17
			S	
		24	3.3	12
			B	
		40	3.3	19
			S	
708.68				