SHELBY TUBE TEST: B-15 ST (1 of 2)

Illinois Department of Transportation
Division of Highways
Geotechnology, Inc

SHELBY TUBE TEST RESULTS

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Date 2/16/01

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY PG

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair STRUCT. NO. 082-0324
Station NA

BORING NO. B- 15 ST
Station 59+35.2 Ground Surface Elev. 413.5 ft Tube Length 24 in
Offset 0ft Right Begin Sampling Depth -1 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	DEPTH (ft)	SPECIMEN (no)	RECOVERY (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)	MOISTURE (%)	TRIAXIAL DATA COHESION (tsf)	PHI ANG. (deg)	TEST TYPE
Brown, SANDY CLAY LOAM (disturbed)		1-1	83						
Brown, SANDY CLAY LOAM (disturbed)		1-2	100						
Brown, SANDY CLAY LOAM		1-3	100	126	0.4	19			Qu
Brown, SANDY CLAY LOAM (disturbed)		1-4	100						
Brown, SANDY CLAY LOAM (disturbed)		2-1	50						
Brown, SANDY CLAY LOAM (disturbed)		2-2	100						
Brown, SANDY CLAY LOAM		2-3	100	129	0.8	20			Cu
	5								
Brown, SANDY LOAM		3-1	29						
Brown, SANDY CLAY LOAM (disturbed)		4-1	100						
Brown, SANDY CLAY LOAM (disturbed)		4-2	33						
Brown, SANDY LOAM		5-1	88						
	10								
Brown, LOAM (disturbed)		6-1	50						
Brown, LOAM (disturbed)		6-2	100						
Brown, LOAM (disturbed)		6-3	100			17			
Brown, SANDY LOAM		7-1	0						

The "Unit Weight" column indicates the "wet" or 'moist" unit weight of the sample
The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)
The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used

BMPR FORM 1004A (Rev. 8-99)

SHELBY TUBE TEST: B-15 ST (2 of 2)

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	15								
Brown, SANDY CLAY LOAM (disturbed)		8-1	100						
Brown, SANDY CLAY LOAM (disturbed)		8-2	100						
Brown, SANDY CLAY LOAM (disturbed)		8-3	100						
Brown, SANDY CLAY LOAM (disturbed)		8-4	100						
Brown, SANDY LOAM		9-1	0						
Brown, SANDY LOAM		10-1	0						
	20								
Brown, SANDY CLAY LOAM		11-1	0						
Brown, SANDY CLAY LOAM		12-1	0						
	25								

The "Unit Weight" column indicates the "wet" or 'moist" unit weight of the sample
The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)
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