



# SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY EED

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

COUNTY St. Clair DRILLING METHOD HSA with MR below 25 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO. 8S0821064L003.6  
Station MILE MARKER 3.6

BORING NO. ST- 6  
Station Mile Marker 3.6  
Offset \_\_\_\_\_  
Ground Surface Elev. 411.90 ft

DEPTH (ft)	BLOW COUNT (/6")	UNITS (tsf)	MOISTURE (%)	SOIL TESTS			
				DEPT	BLOW	UNITS	MOISTURE
Topsoil - 4 inches				411.57			
Brown to gray, SILTY LOAM (FILL)							
1					0		
2	0.5	23			1	0.7	33
1	B				1	B	
2					0		
4	0.7	22			0	0.7	34
5	S				1	B	
-5				-25			
Gray, CLAY LOAM (FILL), with brick, slag, concrete, and glass				406.40			
2					0		
3	0.9	26			0	0.5	49
3	S				1	B	
1					0		
3	0.8	22			3	0.8	22
4	S				4	S	
-10				-10			
Dense, gray, FINE GRAINED SAND				382.40			
					8		40
					18		
4							
5	1.8	24					
6	S						
5							
Grain Size Distribution Conducted					11		
5	1.1	23				19	
4	S					16	
-15				-15			
End of Boring				376.90			
Medium stiff, gray, CLAY				396.40			
1							
2	1.0	41					
3	S						
2							
2	0.9	33					
3	B						
-20				-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
\* Rimac not measured due to sample disturbance  
\*\* Not measured due to drilling methods used  
BBS, from 137 (Rev. 8-99)



# SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY EED

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

COUNTY St. Clair DRILLING METHOD HSA with MR below 25 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO. 8S0821055R003.6  
Station MILE MARKER 3.6

BORING NO. ST- 6  
Station Mile Marker 3.6  
Offset \_\_\_\_\_  
Ground Surface Elev. 411.90 ft

DEPTH (ft)	BLOW COUNT (/6")	UNITS (tsf)	MOISTURE (%)	SOIL TESTS			
				DEPT	BLOW	UNITS	MOISTURE
Topsoil - 4 inches				411.57			
Brown to gray, SILTY LOAM (FILL)							
1					0		
2	0.5	23			1	0.7	33
1	B				1	B	
2					0		
4	0.7	22			0	0.7	34
5	S				1	B	
-5				-25			
Gray, CLAY LOAM (FILL), with brick, slag, concrete, and glass				406.40			
2					0		
3	0.9	26			0	0.5	49
3	S				1	B	
1					0		
3	0.8	22			3	0.8	22
4	S				4	S	
-10				-10			
Dense, gray, FINE GRAINED SAND				382.40			
					8		40
					18		
4							
5	1.8	24					
6	S						
5							
Grain Size Distribution Conducted					11		
5	1.1	23				19	
4	S					16	
-15				-15			
End of Boring				376.90			
Medium stiff, gray, CLAY				396.40			
1							
2	1.0	41					
3	S						
2							
2	0.9	33					
3	B						
-20				-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
\* Rimac not measured due to sample disturbance  
\*\* Not measured due to drilling methods used  
BBS, from 137 (Rev. 8-99)