

SOIL BORING - ROCK CORE LOG

CONTRACT NO. 64931				
FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	5HB	ROCK ISLAND	139	92
STA.		TO STA.		
PER. RING DRILL NO.		ILLINOIS	FED. AID PROJECT	



ROCK CORE LOG

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Date 10/24/06

ROUTE FAP 308 DESCRIPTION P92-082-03 John Deere Road over IL 84 LOGGED BY W. Garza

SECTION 5 HB LOCATION Hampton Twp. - 32 NE, SEC. , TWP. 18N, RNG. 1E

COUNTY Rock Island CORING METHOD _____

STRUCT. NO. Station	CORING BARREL TYPE & SIZE Core Diameter _____ in Top of Rock Elev. _____ ft Begin Core Elev. _____ ft	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.O.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
BORING NO. <u>B-1b</u> Station <u>25+00</u> Offset <u>50.00ft Rr Cl</u> Ground Surface Elev. <u>618.0</u> ft							
Shale: Black and laminated, Qu by pocket penetrometer: 1.2 to 2.2 Ls.f. to 597.0; 4.5+ Ls.f. to 595.0							
		595.00	1	100	0	4	
Shale: As above, Qu by pocket penetrometer: 1.7 Ls.f. to 594.0; 4.5+ Ls.f. to 592.0 Sandstone: Gray, fine to medium grained, tenacious, extending from 592.0 to end of core.							
		590.00	2	100	0	1.6	
Sandstone: As above Qu by compressive strength: 567.3 to 586.8							
		590.00	3	100	35	0.4	25.2
Sandstone: As above Qu by compressive strength: 582.1 to 581.6 (Sample was cracked and patched with capping compound)							
		585.00	4	100	52	1.2	36.8
End of Boring							
		590.00					

Color pictures of the cores _____
 Cores will be stored for examination until _____
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 BBS, form 138 (Rev. 8-99)



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BORING NO. <u>B-1b</u> Station <u>25+00</u> Offset <u>50.00ft Rr Cl</u> Ground Surface Elev. <u>618.0</u> ft							
Sandstone: As above to 577.0 Shale: 577.0 to 575.0, gray-brown, Qu by pocket penetrometer: 4.5+ Ls.f. to end of core. Qu by compressive strength: 577.5 to 577.0							
		575.00	5	100	67	2	194.0
Shale: Light gray-brown, Qu by pocket penetrometer: 4.5+ Ls.f. throughout. Qu by compressive strength: 571.7 to 571.3							
		575.00	6	100	45	2.0	512.8
Shale: Black, laminated, Qu by pocket penetrometer: 4.5+ Ls.f. throughout.							
		579.00	7	100	65	3.4	
End of Boring							
		585.00					

Color pictures of the cores _____
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 BBS, form 138 (Rev. 8-99)