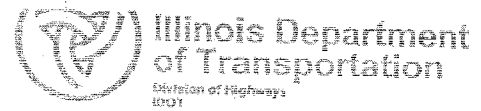


SOIL BORING - ROCK CORE LOG

CONTRACT NO. 64931

DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10/25/06	5HB	ROCK ISLAND	139	93
STA.		TO STA.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



ROCK CORE LOG

Page 1 of 2

Date 10/25/06

ROUTE FAP 308 DESCRIPTION P82-082-03 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	DEPTH (ft)	CORRE (#)	RECOVER (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)	DESCRIPTION
B-2b 26+50 52.00ft RL CL Ground Surface Elev. 620.1 ft	1.5 in	600.10	600.10					Shale: Black, laminated, Qu by pocket penetrometer: 4.5+ t.s.f. to 598.1 Sandstone: Gray, well cemented, fine to medium grained. Qu by compressive strength: 595.9 to 595.5
		595.10		100	72	0.6	157.4	Sandstone: As above with some bedding visible. Qu by compressive strength: 592.1 to 590.9
		590.10		70	7	2	94.3	Sandstone: As above, presumably soft and washed out to 588.6, otherwise medium grained, bedded and tenacious. Qu by compressive strength: 586.6 to 586.3
		585.10		40	0	0.6		Sandstone: Presumably fragile and mostly washed out.
		580.10						

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)



ROCK CORE LOG

Page 2 of 2

Date 10/25/06

ROUTE FAP 308 DESCRIPTION P82-082-03 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	DEPTH (ft)	CORRE (#)	RECOVER (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)	DESCRIPTION
B-2b 26+50 52.00ft RL CL Ground Surface Elev. 620.1 ft	1.5 in	600.10	600.10					Sandstone: Becoming argillaceous to 578.1, then turning to ... Shale: Dark gray, intermittently hard and soft banded to 575.1
		575.10		80	0	3.4		
		570.10		90	36	3.8		Shale: Dark gray and laminated, Qu by pocket penetrometer: 2.2 to 2.8 t.s.f. to 572.6; 3.0 to 4.5+ t.s.f. to 570.1
		570.10		95	38	2.4		Shale: As above, with minimal laminations visible. Qu by pocket penetrometer: 4.5+ t.s.f. throughout.
		565.10						End of Boring

Color pictures of the cores _____
 Cores will be stored for examination until _____
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