Illinois Department of Transportation
Division of Highways
ACME Consultants

ROCK CORE LOG

Date 8/22/99

ROUTE XYZ-99 **DESCRIPTION** Shepardson Exp. Reconstruction, from State St. To Capital Way **LOGGED BY** A. Bore

SECTION 999-1234.2, 999-1243.3 to 999-1243.6 **LOCATION** NW CORNER, NW 1/4, NW 1/4, **SEC.** 9, **TWP.** 123N, **RNG.** 5E, 3rd **PM**

COUNTY Cook **CORING METHOD** Rotary Core with water flush

STRUCT. NO. Exist. Bridge No. 012-2298-543
Station 1842+10

BORING NO. 4 E. ABUT
Station 1843+40 E.B.
Offset 20.00ft L of EB cL
Ground Surface Elev. 987.60 **ft**

CORING BARREL TYPE & SIZE NX Diamond Bit
Core Diameter 3 **in**
Top of Rock Elev. 917.60 **ft**
Begin Core Elev. 917.60 **ft**

	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Grey Damp SHALE, sandy micaceous grading to SANDSTONE	917.60	R-1	80	35	1	25.5
	-75	R-2	75	42	0.75	37.0
	909.60					
Dk. Grey, Saturated SANDSTONE	-80	R-3	70	50	0.5	51.0
	905.60					
Tan LIMESTONE	902.60	-85				
End of Boring	-90					

Color pictures of the cores Yes
Cores will be stored for examination until 8/1/00
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)