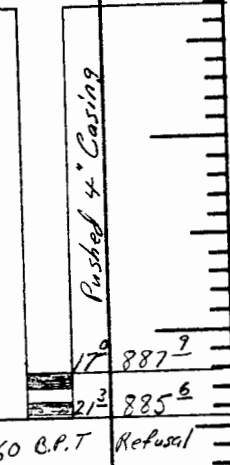


KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Shawnee* PROJECT NO. *K-2589-01* BRIDGE NO. *5.44*
 DESCRIPTION *Blacksmith Creek* STA. *90+34.65*, *21" Rt. E.C. lanes*
 GEOLOGIST *Taylor* VERTICAL SCALE *1" = 10'* DATE *6-26-85*

C N 2 34-11-44E

TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
				4 ^o	900	T.H. Elev. 906.93 L.S. blocks & silty clay, (fill material) 902 ²			
	Alluvium	[Symbol]			890	Silty clay, tan-brown with some sand & gravel Hole caved @ 10 ²			
				17 ²	889 ²	Clay, gray-green			
	White Clou. Member	[Symbol]			885 ²				
			21 ¹	883 ²	Sandstone Lt. gray, calcium cemented, platy, dense				
			23 ²	880	Sandstone, gray, micaceous, thin bedded				
			32 ^o	874 ²	Shale, gray, micaceous, platy				
			35 ^o	871 ²	Sandstone, gray, micaceous, thin bedded				
			35 ²	871 ²	Shale, dk. gray, micaceous, platy				
			42 ⁴	864 ⁵	Shaly sandstone, micaceous				
			45 ⁵	861 ⁴	Shale dk. gray, micaceous				
			51 ⁵	855 ⁴	Platy				
					250	Core #1 (885 ⁴ - 830 ⁴) Cut 5 ^o Recid 3 ^o R. QD 0% Rec 76% 2 ⁴ , calcium cemented sandstone, platy, dense 2 ⁶ , Sandstone, gray, micaceous, thin bedded			



(Cont'd on Sheet 2)

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Shawnee* PROJECT NO. *K-2589-01* BRIDGE NO. *5.44*

DESCRIPTION *Blacksmith Creek* STA. *90+34⁶⁵*, *21²* ft. E.B. lanes

GEOLOGIST *Taylor* VERTICAL SCALE *1" = 10'* DATE *6-26-85*

GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
							BLOWS	ELEV.
					<p>Core #2, (880⁴ - 875⁴) Cut 5° Rec'd 2³ R.Q.D. 0% Rec. 46% 5°, Sandstone, gray, micaceous Thin bedded</p>			
					<p>Core #3, (875⁴ - 870⁴) Cut 5° Rec'd 5° R.Q.D. 8.3% Rec. 100% 0⁵, Sandstone, gray, micaceous thin bedded 3°, Shale, gray, micaceous, platy 0⁷, Sandstone, gray, micaceous thin bedded 0⁸, Shale, gray, micaceous, platy</p>			
					<p>Core #4, (870⁴ - 865⁴) Cut 5° Rec'd 5° R.Q.D. 7.5% Rec. 100% 5°, Shale, dk gray, micaceous platy</p>			
					<p>Core #5, (865⁴ - 860⁴) Cut 5° Rec'd 5° R.Q.D. 70% Rec. 100% 0², Shale, dk gray, micaceous platy 3¹, Shaly sandstone, micaceous Lt. gray 1², Shale, dk gray, micaceous platy</p>			
					<p>Core #6, (860⁴ - 855⁴) Cut 5° Rec'd 5° R.Q.D. 60% Rec. 100% 5° Shale, dk gray, micaceous Platy</p>			

