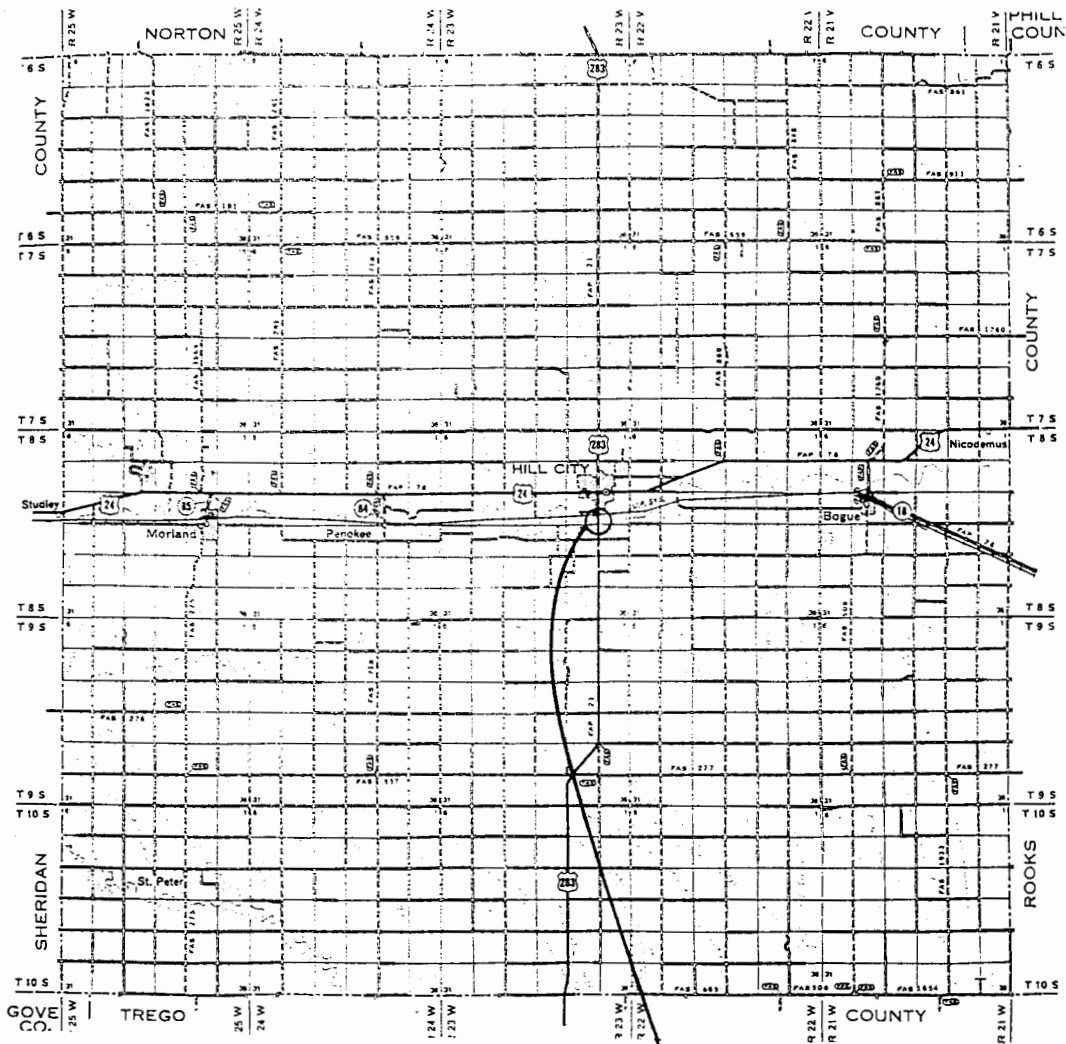


Kansas Department of Transportation

BRIDGE FOUNDATION GEOLOGY REPORT

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NE NE 23-8-23W

18-33 K-4026-01
Br. No. 0.69
Graham County

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Graham* PROJECT NO. *18-33-K-4026-01* BRIDGE NO. *C.69*

DESCRIPTION *Pier No. 1, South Fork Salween River STA. 493+75[±], 23 Rt.*

GEOLOGIST *John Chitwood* VERTICAL SCALE DATE *Nov. 14, 1990*

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
						Core No. 1, 25 ^o -30 ^o , (1990 [±] -1985 [±]) Cut 5 ^o - Rec. 5 ^o R.Q.D. 45% Core Rec. 100%			
						Core No. 2, 30 ^o -35 ^o , (1985 [±] -1980 [±]) Cut 5 ^o - Rec. 5 ^o R.Q.D. 52% Core Rec. 100%			
						Core No. 3, 35 ^o -37 ^o , (1980 [±] -1978 [±]) Cut 2 ^o - Rec 2 ^o R.Q.D. 22% Core Rec. 100%			
						Core No. 4, 37 ^o -42 ^o , (1978 [±] -1973 [±]) Cut 5 ^o - Rec 5 ^o R.Q.D. 39% Core Rec 100%			
						Core No. 5, 42 ^o -46 ^o , (1973 [±] -1969 [±]) Cut 4 ^o - Rec. 3 ^o R.Q.D. 0% Core Rec. 75%			
						Core No. 6, 46 ^o -50 ^o , (1969 [±] -1965 [±]) Cut 4 ^o - Rec 4 ^o R.Q.D. 90% Core Rec. 100%			
						Core No. 7, 50 ^o -55 ^o , (1965 [±] -1960 [±]) Cut 5 ^o - Rec 5 ^o R.Q.D. 96% Core Rec. 100%			
						Core No. 8, 55 ^o -60 ^o , (1960 [±] -1955 [±]) Cut 5 ^o - Rec 5 ^o R.Q.D. 83% Core Rec. 100%			
						Core No. 9, 60 ^o -64 ^o , (1955 [±] -1951 [±]) Cut 4 ^o - Rec 4 ^o R.Q.D. 98% Core Rec. 100%			
						Core No. 10, 64 ^o -69 ^o , (1951 [±] -1946 [±]) Cut 5 ^o - Rec 4 [±] R.Q.D. 47% Core Rec. 82%			