

# KANSAS DEPARTMENT OF TRANSPORTATION



KID: 1053092534



RTE./CO.	K-14 / Reno	SOUNDING NO.	CH 2	SHEET 1 of 4
		PROJ. NO.	KA-1007-02	BRIDGE NO. 14-78-29.29 (149)
SITE NAME			56th Ave over K-14	
GEOLOGIST			SCALE 1 inch = 5.8 feet	DATE July 7, 2014
DRILLER	R. Hinderliter	RIG TYPE	CME 75	TOP HOLE ELEV. 1570.5
GW ELEV.	N/A	TOTAL DEPTH	87.5	M/B ELEV. 1512.2

BOREHOLE REPORT - KANSAS DOT.GDT - 1/12/15 08:36 - C:\BARKER\KA-1007-02\14-78-29.29 (149)\BR\_14-78-29.29 (149).GPJ

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
			2.4	1568.1	Sand, medium to coarse, brown				
				1570	1570.5	Sandy silty clay, dark brown			
				1565					
				1560					
				1555					
				1550					
				1545					
				1540					

Flush Joint Casing



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SITE NAME		56th Ave over K-14	
		HOLE STA. 50+00, 32.3' Lt 56th Ave	

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION	
Flush Joint Casing				1535	Sand, medium to coarse, brown					
				1530						
				1525						
				1520						
				1515						
			58.3	1512.2		Shale, brick red with green mottling, with scattered limy zones	1.0	83500		1511.1
			1	1510		Shale, brick red with green mottling, with scattered limy zones	12.2	2280000		1507.5
			2	1505		Shale, brick red with green mottling, with scattered limy zones	31.0	6240000		1503.7
						Shale, brick red with green mottling, with scattered limy zones	2.2	89800		1502.7
			3	1500		Shale, brick red with green mottling, with scattered limy zones	1.5	98200		1500.2
				Shale, brick red with green mottling, with scattered limy zones	40.0	1.16E+07		1498.4		
		73.0	1497.5	Shale, brick red with green mottling	12.8	3260000		1496.9		
		4	1495	Shale, brick red with green mottling	0.6	923000		1493.9		

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SITE NAME	56th Ave over K-14			HOLE STA. 50+00, 32.3' Lt 56th Ave

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		4	78.0	1492.5	Shale, brick red with green mottling				
		5	1490		Shale, brick red with green mottling, scattered limy zones	29.0	5850000		1488.8
		6	1485			10.8	4320000		1486.3
			87.5	1483	T.D. = 87.5	25.0	6850000		1484.3

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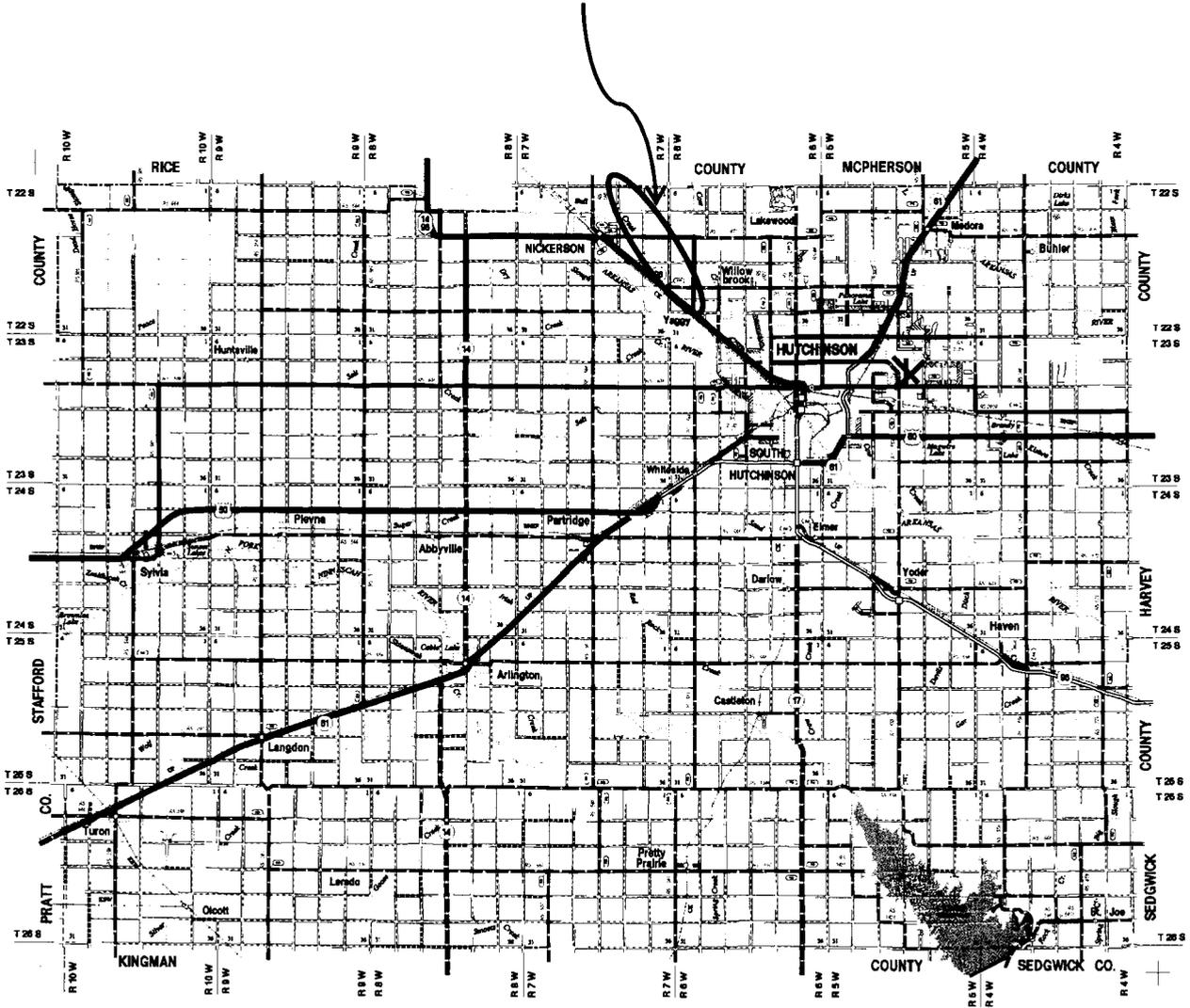


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Geology Report  
Project 14-78 KA-1007-02  
Reno County



Box 1: 58.3'-68'

Box 2: 68'-78'

Box 3: 78'-87.5'

~~ADONE~~ (39-1-6)