

Datum WGS 84 lat: 38.9366102 SE NW SW NW
 long: -94.7409975 10-13-24E



LOG OF BORING

BORING NO.		B-28
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PROJECT	Gateway	STATION / NORTHING	/ 236404.773
LOCATION	Johnson County, Kansas	OFFSET / EASTING	/ 2239163.368
DATE STARTED	04/02/2012	DATE COMPLETED	04/02/2012
EXPLORATION CONTRACTOR	Terracon	SURFACE ELEVATION	1041.0 ft
DRILLER	K. Kempton	DATUM	NAVD 88
HAMMER TYPE	Auto	GROUND WATER LEVELS:	
LOGGED BY	L. Wagner	DRILL RIG	CME-55 ATV
REVIEWED BY	J. Martens	AT TIME OF DRILLING	NATD
		AFTER	N/A

DRILLING METHOD	DEPTH (ft)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY (in)	CORE REC % (RQD %)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	GRAPHIC LOG	MATERIAL DESCRIPTION Unified (Visual) Classification System	GEOLOGIC NAME	ELEVATION (ft)
	0									1041.0
								Topsoil		0.3
								Brown, Stiff, LEAN CLAY with Sand, Slightly Moist (CL) (FILL)		1040
										4.2
	54.8	SPT S1	8		8-50/3"			LIMESTONE, Brown to Gray, Medium Bedded, Highly Weathered, Moderately Hard	Stoner LS	1036.8
	5.5	NQ C1		67% (0%)						1035
								Clay Seams at 7.5'		
		NQ C2		30% (0%)						
	10							Becoming Brown to Gray, Highly Weathered, Soft at 10.5'		1030
	10.5									12.1
		NQ C3		100% (37%)				SHALE, Black, Laminated, Weathered, Moderately Hard	Eudora SH	1028.9
	15							Gray at 14.2'		15.2
	15.5									1025.8
		NQ C4		100% (78%)				LIMESTONE, Gray, Medium Bedded, Weathered, Moderately Hard, Fossiliferous Quartz-Filled Vugs at 16'	Captain Creek LS	1025
	20									21.3
	20.5									1019.7
		NQ C5		100% (83%)				SHALE, Gray, Laminated, Weathered, Soft to Moderately Hard	Vilas SH	1020
	25									

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BORING LOG 2 W/O LAB DATA - GATEWAY_TEMPLATE.GDT - 4/6/12 12:27 - C:\55921\GEOTECH\GINT\GEOLOGY BORINGS.GPJ



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OF

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PROJECT Gateway

STATION / NORTHING / 236404.773

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	25									25.5

Boring backfilled with Holeplug upon completion.
Bottom of borehole at 25.5 feet.