

Datum: WGS 84 Lat: 38.943909
Long: -94.7737189

5-13-24E SW NW SE SW

HNTB

LOG OF BORING

BORING NO.

B-11

PAGE

OF

1

1

PROJECT Gateway

STATION / NORTHING / 238750.695

LOCATION Johnson County, Kansas

OFFSET / EASTING / 2229766.17

DATE STARTED 03/26/2012 DATE COMPLETED 03/26/2012

SURFACE ELEVATION 959.9 ft

EXPLORATION CONTRACTOR Terracon

DATUM NAVD 88

DRILLER K. Kempton

DRILL RIG CME-55 ATV

GROUND WATER LEVELS:

HAMMER TYPE Auto

HAMMER EFFICIENCY 79%

▽ AT TIME OF DRILLING 8 ft

LOGGED BY L. Wagner

REVIEWED BY J. Martens

▼ 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									959.9
HSA 3.25" ID								Topsoil Brown, Hard, Silty FAT CLAY, Slightly Moist (CH) (Residuum)		0.3
	5	SPT S1	18		10-21-30 (51)	4.5+		SHALE, Brown, Fissile to Laminated, Highly Weathered, Soft Becoming Gray at 6'	Bonner Springs SH	956.4
	10	SPT S2	3		50/3"	4.5+		LIMESTONE, Gray, Medium Bedded, Weathered, Moderately Hard SHALE, Gray, Laminated, Weathered, Moderately Hard	Farley LS	949.9
CORE BARREL NQ	15	NQ C1		88% (87%)						955
	20	NQ C2		100% (88%)				LIMESTONE, Gray, Medium Bedded, Slightly Weathered, Moderately Hard, Upper 2" Sandy		950
										945
										940

Boring backfilled with Holeplug upon completion.
Auger Refusal at 10.0 feet.
Bottom of borehole at 20.0 feet.