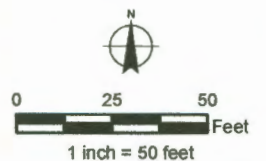


Project Name/Project Number: Seneca Coop / B1709587.03		Log of Boring No. mw-9	
Boring Location Notes: west property for Bush SUIT SPOT		Surface Elevation: ~1135'	Total Depth: 35'
Drilling Contractor/Drilling Method: Razek / Rotary HSA		Date/Time Started: 10/29/18 1701	Date/Time finished: 1740
Sampling Equipment (i.e., Macro-Core, split spoon):		Depth to Water: ~29'	Measuring Point: ground surface
Field Personnel: DJ	Responsible Prof./Reg. No.:	Surface Cover (asphalt, concrete etc.) concrete	

Depth (Feet)	Sample Recovery	PID (ppm)	DESCRIPTION Name (USCS Symbol), color, moist, grain size, amount of gravel, sand, or fines, plasticity, consistency, structure, inclusions or debris present, geologic interpretation (fill, native, till, lacustrine etc.)	Analytical Sample Interval	Remarks (odors, blow counts, debris, analytical sample IDs, temp well details etc.)
0-0.5			concrete		4-5' 14.6
0.5-8			brown clay, plastic, moist, soft		
8-13			red brown clay, low plasticity, slightly moist, firm		9-10-14.8
13-15			brown clay, with silt, moist, soft		13-14 13.6
15-24			sand, brown, slightly moist, fine to med grain, subrounded well graded		14-15 8.2
24-29			brown clay, moist, soft, low plasticity, some silt, appears saturated around 28'		19-20 3.5
29-35			saturated grey brown clay with fine sand		24-25 -10.0
			sand to 16'		
			Bentonite		



- Soil Boring for Environmental
- Soil Boring for Geotechnical
- Monitoring Well
- Former Pump Islands
- Former Tank Basin
- Approximate Site Boundary
- Extent of Known Utilities
 - Gas
 - Overhead Electric
 - Sewer
 - Water
- Estimated Direction of Groundwater Flow
- Nemaha County Parcels
- Structure has a Basement
- Property Owner**
- Business Name**



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Project No:
B1709587.03

Drawing No:
B1709587-03_AFig2.0

Drawn By: CMF
Date Drawn: 10/4/2018
Checked By: DR
Last Modified: 10/4/2018

Seneca Coop, Project Code: U4-066-00496

304 Main Street Seneca, Kansas

Project Code: U4-066-00496

Area Base Map

Figure 2.0