

OWNER: City of Atchison, KS		BORING/WELL NO. Land Line: OB #1 (L1N)		PAGE 1 OF 1 PAGES	
LOCATION: North Test Well Site			SCREEN: PVC		
			DIAMETER: 2-inch		SLOT NO. 0.02-inch
DATE COMPLETED: 9/8/2023			SETTING: 69 to 89 feet below ground		
DRILLING COMPANY: Terracon			SAND PACK:		
			SETTING: 65 to 89 feet below ground		
DRILLING METHOD: Rotary			CASING: 2-inch PVC		
SAMPLING METHOD: Split spoon with 2-inch or 3-inch sampler			SETTING: + to 69 feet below ground		
OBSERVER: Martha Silks			SEAL TYPE: bentonite pellet grout 65 to surface		
REFERENCE POINT: Native ground surface			DEVELOPMENT: by pump		
REFERENCE POINT ELEVATION: 789.969 feet msl			DURATION: until discharge appeared clear (minimum of 3 well volumes)		
STICK-UP: 2.5 feet above ground surface					
SURFACE COMPLETION: Steel locking casing, cement grout			WATER LEVEL: 19.08 feet below top of PVC casing		
REMARKS:			YIELD: na		

DEPTH IN FEET		Spl. Type (Rec.) / blow counts	GEOLOGIC DESCRIPTION
FROM	TO		
0	5	WB	sand, fine with brown clay
5	20	WB	AA
20	25	WB	clay, gray, sandy
25	69.5	WB	sand, medium to coarse, with fine sand and lignite
69.5	71.5	SS (6") 5,7,8,8	sand, brown-gray, fine to very coarse, some very small gravel
71.5	73.5	SS (7") 5,10,10,11	AA, with very small to medium gravel
73.5	75.5	SS (8") 10,11,7,8	AA
75.5	77.5	SS (0") 50/2"	no recovery (rock blocking sampler?)
77.5	79.5	SS (8") 19,23,30,31	sand, gray, medium to fine, tight
79.5	81.5	SS (10") 11,11,13,18	sand, gray, fine and very fine with lower 1/2 of sample being sand medium to coarse (excluded from sieve spl.)
81.5	83.5	SS (6") 6,3,7,8	sand, gray, coarse to medium, some very small gravel and very coarse sand
83.5	85.5	SS (8") 21,28,19,18	sand, light gray, fine to medium with medium to coarse sand lense @ 84 to 85', tight
85.5	87.5	SS (8") 9,9,6,7	sand, gray, medium to very coarse with fine and some very small gravel
87.5	89	SS (10") 22,21,18,50/5"	AA
89	89.5	WB	boulders and very fine sand with silt. Boulders prevented tagging bedrock