	Hole ID: MW-14	Location: Wabash Wellfield Site: Moonbeam	
Logged by: N Mattner, INTERA	Drilling Method: Sonic	Elevation: 513.58 ft Lat: 40.41317439°	
Drilled by: A Little, CASCADE	Borehole diameter: 6"	Total Depth: 106 ft Long: -87.03047425°	
Date start: 6/06/2023	Date finish: 6/06/2023	Date abandoned:	

Depth (ft bgs) Lithology

/ Lithologic Description

Well Construction

		pro-cover
	-	stick-up = 3.3 ft
0 -		concrete pad
	dk brown silty clay (CL), some wet f sand at base	
10		Static Water
10 -		9.4 ft bgs
	It brown silty sand (SM), poorly graded, wet at bottom	
	It brown gravelly sand (SW) w/ tr. fines	<i></i>
20 -	brown silty sand (SM) w/ gravels	6" borehole to 106 ft bgs
20	brown sandy gravel (GW) w/ tr. fines at top	10 100 ft bys
	brown gravelly sand (SW) w/ reddish band of fines	
	dk brown sand (SP), m-c, w/ gravel, coarser w/ depth, tr.	
30 -	Cobbles	2" PVC casing
	Lt brown sand (SW), w/ gravels, f gravel lyr at base It brown sand (SP), w/ gravels, red silt lyr 0.25' from top	-3.3 to 60 ft bgs
	It brown sand (SP), w/ tr. gravel, some silt at top	
40 -		Bentonite Chips
	It brown sand (SP), tr. gravels	0 to 58 ft bgs
	_ brown gravelly sand (SW), coarser w/ depth, tr. fines	
50	brown sand (SW) w/ gravel	
50 -		
	orange sand and gravel (SW) w/ silt	
	orange sand and gravel (SM) w/ cobbles, lyr of pebbles at	
60 -		
	orange gravels and cobbles (GW) w/ tr. silt at top	Sand Pack
		58 to 81 ft bgs
70 -	brown sand (SW), w/ tr. f gravels and sm. cobbles at base	2" .010 slot screen
	grey sand and gravel (SW)	60 to 80 ft bgs
	grey sand (SP), m-c, w/ gravel, tr. cobbles	
80 -	brown-grey sand (SW), w/ gravels, lrg gravels at base	
	brown-grey sand (SM) and gravel w/ silt, some interbedded	
90 -	lyrs of f sand and tr. cobbles	
70		
	tan-grey sandy silt (ML)	
	grey silt (ML) w/ clays grey sand and gravel (SW), lrg cobbles at top, more silty w/	Bentonite Chips
100 -		81 to 106 ft bgs
	brown-grey silt (ML), ang. frags, powdery, drier w/ depth	
	V V V V V V V V V V V V V V V V V V V	End of boring
	grey gravel (GM) w/ sand and silt, incr. silt w/ depth, lrg	106 ft bgs
110 -	\cobble at base	