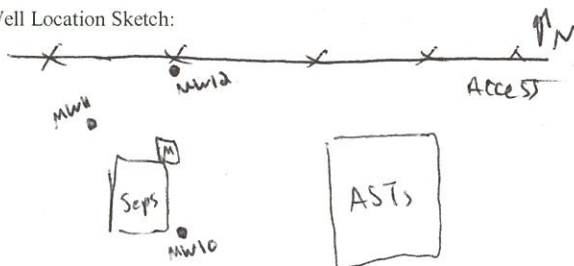


Well Location Sketch:



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 4600 W. 60th Avenue

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring Well Number: MW10	Project: Hatch UPRK 42-11
Date: 10-31-2019	Project Number: 014218028
Logged By: Daniel Thomas	Drilled By: Drill Pro
Drilling Method: Direct Push	Sampling Method: Continuous
Seal: Bentonite	Grout: -
Gravel Pack: Silica Sand	
Casing Type: PVC	Diameter: 1" Length: 13' Hole Diameter: 3.25" Depth to Liquid: -
Screen Type: PVC	Slot: 0.01 Diameter: 1" Length: 10' Total Depth: 20' Depth to Water: 13.75'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
					2				0'-6' Not logged	
					4					
					6					
					8	XX			8'-17' vfg - fg sand trace > few clay, brown, poorly-graded, trace iron-oxide staining, no stain, no odor, @ 9.5'-10' clay lens, -@ 13.75' - Mg sand (13.75'-16') -@ 14.75' - clay lens (6")	
					10	4' 3'		SP/SC		
					12					
					14	4' 3.5'				
					16				17'-20' clay trace vfg-fg sand, brown, moderate plasticity, cohesive, trace black hydrocarbon stain (intermittent), trace white mineralization	
					18	4' 3'		CL		
					20					
					22					
					24					
					26					
					28					
					30					
					32					
					34					
					36					
					38					
					40					

NOTES:

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Well Location Sketch:



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Ref, MW10

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: <i>MW11</i>	Project: <i>Hatch upnn4211</i>
Date: <i>10-31-19</i>	Project Number: <i>014218028</i>
Logged By: <i>Daniel Thomas</i>	Drilled By: <i>Drill Pro</i>
Elevation: <i>N/A</i>	Detector: <i>MinirRAE 3000</i>
Gravel Pack: <i>Washed silica sand</i>	Seal: <i>Bentonite</i>
Casing Type: <i>PVC</i>	Screen Type: <i>PVC</i>

Diameter: <i>1"</i>	Length: <i>10'</i>	Hole Diameter: <i>3.25"</i>	Depth to Liquid: <i>-</i>
Diameter: <i>1"</i>	Length: <i>10'</i>	Total Depth: <i>20'</i>	Depth to Water: <i>~12.5'</i>

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0				0-6' Not logged	
					2					
					4					
					6					
					8				8'-13' vfg-mg Sand trace - few clay, brown, moist, poorly-graded, NO stain, NO odor	
					10				- 8.5'-9' clay lens	
					12				13'-20' Clay trace vfg. sand, brown, moderate plasticity, cohesive, trace intermittent white mineralization, no stain, no odor	
					14					
					16					
					18					

NOTES:

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Ref. MW10

MW12

Hatch UPRR 140-11

10-31-19

014218028

Daniel Thomas

Drill Pro

N/A

MinirAE 3000

Direct Push/Geoprobe

Continuous

Washed silica sand

Bentonite

N/A

PVC

Length:

Depth to Liquid:

PVC

0.01

Length:

Depth to Water:

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