

PROJECT NAME:	Town of Castleton - Crystal Heights Sewerline Extension	DATE:	12/22/2023
LOCATION:	Castleton, Vermont		
AE JOB #:	23054		

Hole #	Soils	Moisture Density or Consist.	Auger Refusal (Feet)	Depth (Feet)
LP-1	0.0' – 0.5' Top Soil 0.5' – 1.0' Sandy gravel, brown 1.0' – 2.5' Gravelly slate, grey 2.5' – 5.0' Gravel, brown 9.0' – 10.0' Sandy clay, brown, wet 10.0' – 15.0' Clay, brown	Wet/ Groundwater @ 7.0'	-	15'
LP-2	0.0' – 0.5' Gravel, grey 0.5' – 1.0' Gravelly slate, grey 1.0' – 2.5' Gravel, grey 2.5' – 5.0' Sandy gravel, brown 5.0' – 10.0' Sandy clay, grey-brown, wet	Wet/Groundwater @ 6.0'	-	10'
LP-3	0.0' – 0.5' Top soil 0.5' – 1.0' Gravel, grey 1.0' – 2.5' Sandy clay, brown 2.5' – 5.0' Sandy clay, brown, wet 6.0' – 10.0' Sandy clay, color, very wet	Wet/Groundwater @ 4.0'	-	10'
LP-4	0.0' – 1.0' Sandy gravel, brown 1.0' – 2.5' Sand, brown, some gravel 2.5' – 5.0' Sandy clay, brown, wet 5.0' – 10.0' Dense glacial till, grey-brown, dry	Wet	-	10'
LP-5	0.0' – 0.5' Sand, grey 0.5' – 2.5' Sandy gravel, brown 2.5' – 5.0' Sandy clay, brown 5.0' – 10.0' Glacial till, grey-brown, dry	Wet	-	10'
LP-6	0.0' – 1.0' Sandy gravel, brown 1.0' – 2.5' Clay with some gravel, brown 2.5' – 5.0' Sandy clay, brown, wet 5.0' – 10.0' Glacial till, grey-brown, dry	Wet	-	10'
LP-7	0.0' – 0.5' Sandy gravel, brown 0.5' – 1.0' Gravelly slate, grey 1.0' – 2.5' Sandy gravel, grey 2.5' – 5.0' Sandy gravel, brown, dry 5.0' – 10.0' Dense glacial till, grey-brown, dry	Dry	-	10'
LP-8	0.0' – 1.0' Sandy gravel, brown 1.0' – 2.5' Sandy gravel, grey 2.5' – 10.0' Dense glacial till, grey-brown, dry	Dry	-	10'

Used MC5's to 10' or until it hit refusal other than LP-1, which was drilled to 15'.

Other Notes:

Rick Dupont (A+E) met Michael Jordan (Platform Environmental Drilling) and Russ (Platform Environmental Drilling) on-site at 9 AM and finished at 11:30 AM. The weather was cloudy and in the 10's – 20's.