



**Phase II
Limited Environmental Site Investigation**

Job No. 2020-062.002

July 2022

**Multi-Parcel Commercial Property
Ridge Road & East Shore Drive
Lansing, New York**

 **Groundwater Flow Direction**

Figure 3
Boring / Groundwater Sample Locations
(NYS GIS April 2021)



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Boring ID:
B-1

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 12-ft.	Depth to Water: ~8'
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 3 & 5 Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-15" brown silt loam with angular gravel, no odor	15"	1.0	No
4 to 8	0-9" brown & gray silt loam & sand, angular gravel, bottom 3" wet, no odor	9"	0.2	No
8 to 12	0-25" brown silt loam, sand & angular gravel, no odor; refusal at just under 12'	25"	1.2	No
12 to 16				
16 to 20				
20 to 24				

Comments: Initial Ambient PID readings = 0.0 – 0.2 ppm



Boring ID:
B-2

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 14-ft.	Depth to Water: NA (~9' on 8/1)
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 3 & 5 Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-20" brown silt loam with angular gravel, no odor; 20-28" brown & gray silt loam, clay with angular gravel, no odor	28"	1.2	No
4 to 8	0-16" brown & gray clay, angular gravel, moist, no odor; 16-36" light brown & gray loam, angular gravel, dry gray dust, no odor	36"	2.6	No
8 to 12	0-5" brown silt loam; 5-19" light brown & gray gravelly loam, angular gravel, no odor; 19-42" light gray stone & dust (bedrock)	42"	2.6	No
12 to 14	0-43" light gray stone & dust (bedrock), no odor, refusal at 14'	43"	2.3	No
16 to 20				
20 to 24				

Comments: Collected groundwater sample from open hole on August 1, 2022; designated as MW-2



Boring ID:
B-3

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 11.7-ft.	Depth to Water: NA-Dry
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 3 & 5 Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-11” brown loamy topsoil with vegetative roots, no odor; 11-28” brown silt loam, some clay with angular gravel, no odor	28”	1.5	No
4 to 8	0-13” brown loam, angular gravel, no odor; 13-23” light brown & gray rock dust, gravel, no odor; 23-42” brown clay, some small gravel; no odor	42”	1.3	No
8 to 12	0-19” dark brown moist loam, some clay, angular gravel, no odor; 19-38” brown loam & gray stone & dust (bedrock), no odor; refusal at 11.7’	38”	2.0	No
12 to 14				
16 to 20				
20 to 24				

Comments:



Boring ID:
B-4

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 14.5-ft.	Depth to Water: ~12'
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 3 & 5 Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-10" dark brown gravelly loam, no odor; 10-17" brown and gray silt loam, with angular gravel, no odor; 17-23" brown tight silt loam and clay, with small gravel, no odor	23"	1.5	No
4 to 8	0-19" brown loam, angular gravel, some clay, no odor; 19-28" gray rock dust, gravel, no odor;	28"	7.5	No
8 to 12	0-5" dark brown moist loam, slight gasoline odor; 5-28" brown loam & gray gravel, slight gasoline odor;	28"	80	Yes (11-12')
12 to 14	0-20" wet, brown-gray silty loam, gasoline odor; 20-27" dry gray & brown coarse soil & small gravel; 27-41" dry, gray rock (bedrock) & dust	41"	116	*No
16 to 20				
20 to 24				

Comments: *Temporary 1" monitoring well MW-4 installed; measured 7.44' from ground surface (8.6' from riser when sampled later in day)



Boring ID:
B-5

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 11.7-ft.	Depth to Water: NA-Dry
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 3 & 5 Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-12" gray gravel (asphalt) intermixed with angular gravel, and stone dust, no odor; 12-29" brown silty clay, with angular gravel, no odor	29"	6.0	No
4 to 8	0-10" dark brown silty loam, angular gravel, some clay, no odor; 10-30" dark brown and gray silty clay with some sand & gravel, no odor	30"	1.2	No
8 to 11.7	0-12" dark brown moist silty clay, with gravel, no odor; 12-42" gray loam, gravel, and stone dust (bedrock), no odor; Refusal at 11.7'	42"	1.5	Yes (11-11.7')

Comments:



Boring ID:
B-6

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: 9.5-ft.	Depth to Water: NA-Dry
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 7 (11) Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-18" brown moist silt / clay, then intermixed with angular gravel, no odor; 18-24" brown silt / clay, with angular gravel, no odor	24"	1.0	No
4 to 8	0-14" brown moist silt / clay, angular gravel, no odor; 14-30" gray stone, dust, angular gravel with some sandy loam, no odor	30"	6.6	No
8 to 9.5	0-3" brown moist silty clay, with gravel, no odor; 3-9" gray, loam, gravel and stone dust (bedrock), sweet solvent or weathered petroleum odor; Refusal at 9.5' (bedrock)	9"	176	Yes (8-9.5')

Comments:



Boring ID:
B-7

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: ~6-ft.	Depth to Water: NA-Dry
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 7 (11) Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-3” brown silt loamy topsoil clay, with vegetative roots, no odor; 3-27” brown gravelly silt loam with some gray stone dust, angular gravel, slight sweet solvent or weathered petroleum odor;	27”	55	Yes
4 to 6	0-8” brown silt loamy soil, angular gravel, slight sweet solvent or weathered petroleum odor; 8-17” gray course dry soil & sand, angular gravel, slight sweet solvent or weathered petroleum odor; 17-21” brown silty clay, slight sweet solvent or weathered petroleum odor; 21-26” gray stone & dust (bedrock); Refusal at 6’ (bedrock)	26”	12	No

Comments:



Boring ID:
B-8

SOIL BORING LOG

Date: 7/29/2022	Job No: 2020-062.002	Total Depth of Boring: ~10-ft.	Depth to Water: ~9.7'
Project: Dandy Mini Marts – Lansing Site			
Method of Excavation: Geoprobe® 6620DT - Direct Push Method		Driller: TREC Environmental	
Location: 7 (11) Ridge Road, Lansing, NY			

Depth (ft-bgs)	Description	Sample Recovery (inches)	PID Headspace (ppm)	Lab Samples Collected
0 to 4	0-8" brown silt loamy topsoil, with vegetative roots, no odor; 8-26" brown & gray silt loam, with small course gravel, no odor; 26-36" brown silty clay, no odor	36"	2.2	No
4 to 8	0-44" brown tight silty clay, faint fuel oil odor; 44-48" gray moist tight silty clay, faint fuel oil odor	48"	4.0	No
8 to 10	0-18" gray moist-wet tight silty clay, fuel oil odor; 18-28" dry gray course stone dust (bedrock), faint fuel oil odor; Refusal at ~10' (bedrock)	28"	19.1	Yes (8-10')

Comments: Temporary 1" monitoring well MW-8 installed. Well only had 1" of water in it on 7/29/2022. well had sufficient water 2.5' on 8/1/2022 to collect samples for laboratory analysis.