



**McDOWELL & ASSOCIATES**  
 Geotechnical, Environmental, & Hydrogeologic Services  
 21355 Hatcher Avenue • Ferndale, MI 48220  
 Phone: (248) 399-2066 • Fax: (248) 399-2157

**JOB NO.** 25-16635

**SURFACE ELEVATION** 840.4±    **DATE** 2/14/2025

**LOG OF SOIL  
BORING NO.** 101

**PROJECT** Environmental Site Assessment

Approximate 1.43-Acre Parcel

**LOCATION** 3695 South State Street

Ann Arbor, Washtenaw County, Michigan

Sample & Type	Depth	Legend	SOIL DESCRIPTION	PID
1	1'4"		Moist dark brown sandy TOPSOIL with trace of concrete, fill	
2				
3				
4	3'6"		Slightly compact moist dark brown TOPSOIL with moist brown fine sand partings, fill	
5	4'6"		Very compact moist brown fine SAND with trace of gravel	
6				
7	7'0"		Extremely compact moist brown gravelly fine to medium SAND with trace of silt	
8	8'6"		Extremely compact moist brown fine SAND with gravel and silt	
9				
10				
11			Extremely compact moist brown SAND & GRAVEL with stones and occasional cobbles	
12				
13	13'0"			
14				
15				
16			Compact moist brown SAND & GRAVEL with stones	
17				
18	17'6"			
19				
20				
21			Extremely compact moist brown SAND & GRAVEL with stones	
22				
23				
24	23'10"			
25			Compact wet brown SAND & GRAVEL with trace of silt and occasional stones	

**REMARKS:**

- PID readings from MiniRAE 3000 photoionization detector as parts per million (ppm, calibrated to isobutylene).
- ND = None Detected
- Installed 2" PVC monitoring well with screen from 24'6" to 29'6"

**GROUND WATER OBSERVATIONS**

G.W. ENCOUNTERED AT	<u>23</u>	FT.	<u>10</u>	INS.
G.W. ENCOUNTERED AT		FT.		INS.
G.W. AFTER COMPLETION	<u>9</u>	FT.	<u>6</u>	INS.
G.W. AFTER	HRS.	FT.		INS.
G.W. VOLUMES		Medium - Cave-in at 9'6"		



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**LOG OF SOIL  
BORING NO.** 101 (continued)

**PROJECT** Environmental Site Assessment

Approximate 1.43-Acre Parcel

**LOCATION** 3695 South State Street

Ann Arbor, Washtenaw County, Michigan

Sample & Type	Depth	Legend	SOIL DESCRIPTION	PID
	26			
	27			
	28		Compact wet brown SAND & GRAVEL with trace of silt and occasional stones	
	29			
	30			
	31			
	32			
	33			
	34			
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	50			

**REMARKS:**

- PID readings from MiniRAE 3000 photoionization detector as parts per million (ppm, calibrated to isobutylene).
- ND = None Detected
- Installed 2" PVC monitoring well with screen from 24'6" to 29'6"

**GROUND WATER OBSERVATIONS**

G.W. ENCOUNTERED AT 23 FT. 10 INS.

G.W. ENCOUNTERED AT FT. INS.

G.W. AFTER COMPLETION 9 FT. 6 INS.

G.W. AFTER HRS. FT. INS.

G.W. VOLUMES Medium - Cave-in at 9'6"