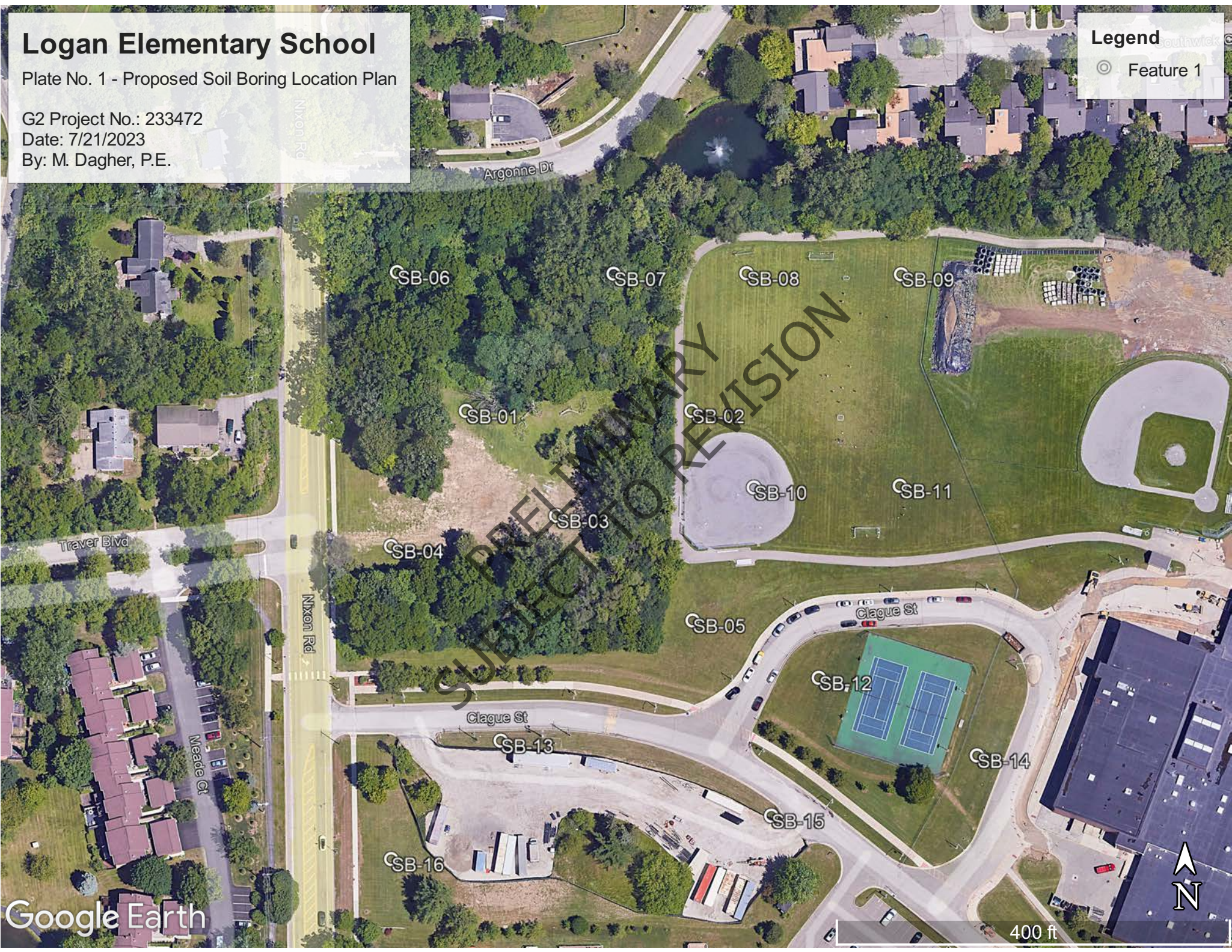


Logan Elementary School

Plate No. 1 - Proposed Soil Boring Location Plan

G2 Project No.: 233472
Date: 7/21/2023
By: M. Dagher, P.E.

Legend
○ Feature 1



Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-01



G2 Project No. 233472
 Latitude: 42.31209669° Longitude: -83.70692508°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 914.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (6 inches)	0.5						
		Stiff Brown Sandy Clay with trace gravel		S-01	3 2 2	4	16.8		4000*
909.0			5	S-02	1 2 2	4	16.4		4000*
		Medium Mottled Brown and Gray Sandy Clay with trace silt and gravel	5.5	S-03	1 3 5	8	15.7		1000*
904.0			10	S-04	6 6 8	14	13.0		1000*
		Medium Brown Sandy Clay with trace gravel (Wet Sand Seam)	11.8	S-05	4 8 4	12	15.6		1500*
899.0			15						
			16.8	S-06	5 6 9	15	12.0		8000*
894.0			20						
		Stiff to Very Stiff Gray Sandy Clay with trace gravel		S-07	3 5 6	11	11.7		4000*
889.0			25						
				S-08	4 9 11	20	24.4		3000*
884.0			30				16.5		
		Medium Gray Silty Clay with trace sand	34.0	S-09A	9 7				6500*
879.0			35.0	S-09B	8	15	16.6		1500*
		End of Boring @ 35 ft							

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 35 ft
 Drilling Date: July 31, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 1

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-02

CONSULTING GROUP

G2 Project No. 233472

Latitude: 42.31209627° Longitude: -83.70607024°

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 916.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (14 inches)	1.2		5				
		Very Stiff to Hard Brown Sandy Clay with trace gravel		S-01	8	15	12.7		9000*
911.0			5	S-02	5	10	13.2		8000*
		Very Stiff Mottled Gray and Brown Sandy Clay with trace gravel	5.5	S-03	4	7	24.6		4500*
		(Wet Sand Seam)		S-04	3	14	13.9		7500*
906.0			10		6				
		(Wet Sand Seam)	11.8		4				
901.0		Stiff to Very Stiff Gray Sandy Clay with trace silt and gravel	15	S-05	5	9	12.7		4500*
		(Wet Sand Seam)			4				
896.0			20	S-06	7	16	17.5		3000*
					9				
891.0		Very Stiff Gray Silty Clay with trace sand and gravel	21.8	S-07	5	17	13.3		5000*
			25		7				
886.0		Medium Gray Silty Clay with trace sand and gravel	26.8	S-08	5	20	14.2		1500*
			30		9				
881.0		Very Stiff Gray Silty Clay with trace sand and gravel	31.8	S-09	8	22	15.5		5500*
			35		9				
		End of Boring @ 35 ft			13				

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 35 ft
 Drilling Date: July 28, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 2

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-03



G2 Project No. 233472
 Latitude: 42.31180316° Longitude: -83.70658187°

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 915.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Fill: Dark Brown Sandy Clay with trace gravel (12 inches)	1.0		3				
		Hard Brown Sandy Clay with trace gravel	2.5	S-01	8	15	12.9		9000*
910.5		Medium Mottled Brown and Gray Sandy Clay with trace gravel (Sand Seams)	5.0	S-02	4	7	14.9		2000*
		Hard Mottled Brown and Gray Sandy Clay with trace silt and gravel		S-03	8				
					14	31	22.7		9000*
905.5			10	S-04	15	29	12.7		9000*
		Stiff Gray Sandy Clay with trace gravel			4				
					6	14	15.9		
900.5			15	S-05	8				3500*
		(Silty Clay Seam)			3				
					5	11	12.6		
895.5			20	S-06	6				5000*
		Very Stiff to Hard Gray Sandy Clay with trace gravel and silt			5				
					7	16	13.9		
890.5			25	S-07	9				4000*
		(Sand Seams)			3				
					6	13	14.1		
885.5			30	S-08	7				5500*
		(Sand Seams)			4				
					9	19	17.0		
880.5			35	S-09	10				5000*

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 60 ft
 Drilling Date: August 1, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 3a

SOIL / PAVEMENT BORING - 233472.CPJ - 20150116 G2 CONSULTING DATA TEMPLATE.GDT - 8/4/23

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-03



G2 Project No. 233472
 Latitude: 42.31180316° Longitude: -83.70658187°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 915.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
875.5		Very Stiff to Hard Gray Sandy Clay with trace gravel and silt (continued)	40	S-10	11 13 10	23	8.4		9000*
870.5			45	S-11	6 10 12	22	8.8		9000*
865.5			50	S-12	3 7 9	16	10.1		8500*
860.5			55	S-13	10 16 23	39	9.1		9000*
855.5			60	S-14	12 23 34	57	19.4		8000*
		End of Boring @ 60 ft							
850.5			65						
845.5			70						

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 60 ft
 Drilling Date: August 1, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 3b

SOIL / PAVEMENT BORING - 233472.CPJ - 20150116 G2 CONSULTING DATA TEMPLATE.GDT - 8/4/23

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. **SB-04**
G2 CONSULTING GROUP

G2 Project No. 233472
 Latitude: 42.3117177° Longitude: -83.70720876°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 911.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (12 inches)	1.0		3				
		Very Stiff Brown Sandy Clay with trace gravel	3.0	S-01	5	9	25.7		5000*
906.5		Hard Mottled Brown and Gray Sandy Clay with trace gravel (Wet Sand Seams)	5	S-02	11	18	19.7		9000*
			8.0	S-03	10	17	13.0		9000*
901.5			10	S-04	11	20	13.6		9000*
896.5		Hard Grayish Brown Sandy Clay with trace silt and gravel	15	S-05	9	16	11.5		9000*
891.5			20	S-06	9	14	18.3		
		(Wet Sand Seams)	21.8						
886.5		Stiff to Very Stiff Gray Sandy Clay with trace gravel	25	S-07	8	13	14.5		3500*
881.5			30	S-08	11	16	15.7		4000*
			31.8						
876.5		Loose Gray Gravelly Sand with trace clay	35.0	S-09	11	24			
		End of Boring @ 35 ft							

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 35 ft
 Drilling Date: July 31, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 4

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan
 G2 Project No. 233472
 Latitude: 42.31150994° Longitude: -83.70606605°



Soil Boring No. SB-05
G2 CONSULTING GROUP

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 913.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (8 inches)	0.7						
		Hard Brown Sandy Clay with trace gravel	3.0	S-01	6 5 7	12	17.6		9000*
908.0		Very Stiff Mottled Brown and Gray Sandy Clay with trace gravel	5	S-02	3 4 4	8	18.8		4500*
			8.0	S-03	3 5 7	12	15.7		6500*
903.0		Very Stiff Gray Sandy Clay with trace gravel	10.0	S-04	3 4 6	10	12.2		4500*
		(Wet Sand Seams) Stiff Brown Sandy Clay with trace gravel	15	S-05	4 4 7	11	15.8		3500*
898.0			16.8						
893.0			20	S-06	3 5 7	12	17.3		3500*
		Stiff to Very Stiff Gray Sandy Clay with trace gravel	25	S-07	4 7 8	15	16.5		3000*
888.0			30	S-08	4 7 11	18	20.5		7000*
883.0			31.8						
878.0		Very Stiff Gray Clayey Silty with trace sand and gravel	35.0	S-09	11 17 12	29	9.4		5000*
		End of Boring @ 35 ft							

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING - 233472.CPJ - 20150116 G2 CONSULTING DATA TEMPLATE.GDT - 8/4/23

Total Depth: 35 ft
 Drilling Date: July 27, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during drilling operations; 31 feet upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 5

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. **SB-06**
CONSULTING GROUP

G2 Project No. 233472
 Latitude: 42.31248432° Longitude: -83.70718393°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 914.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (13 inches)	1.5		5				
		Hard Light Brown Sandy Clay with trace gravel	3.0	S-01	9	15	21.6		9000*
909.5		Very Stiff Light Brown Sandy Clay with trace silt and gravel	5.5	S-02	7	12	7.2		5000*
		Hard Mottled Brown and Gray Sandy Clay with trace gravel	8.0	S-03	11	22	12.4		9000*
904.5		Hard Brown Sandy Clay with trace silt and gravel	10.0	S-04	12	21	15.8		9000*
			11.8						
899.5		Very Stiff Gray Sandy Clay with trace gravel	15.0	S-05	9	15	11.0		7000*
894.5			20.0	S-06	9	16	12.5		7000*
		End of Boring @ 20 ft							
889.5			25						
884.5			30						
879.5			35						

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 31, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Figure No. 6

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-07



G2 Project No. 233472
 Latitude: 42.31248033° Longitude: -83.70636506°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 913.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay (6 inches)	0.5		4				
		Hard Light Brown Sandy Clay with trace gravel	3.0	S-01	4	8	12.3		9000*
908.5		Stiff Light Brown Sandy Clay with trace gravel	5.5	S-02	3 4 3	7	13.2		3000*
		Hard to Very Stiff Mottled Brown and Gray Sandy Clay with trace silt and gravel	10.0	S-03	5 5 6	11	32.2		6500*
903.5			11.8	S-04	5 6 8	14	11.9		9000*
898.5		Hard Gray Sandy Clay with trace silt and gravel	15.0	S-05	6 9 12	21	13.9		9000*
893.5			20.0	S-06	5 7 9	16	11.0		9000*
		End of Boring @ 20 ft	20.0						
888.5			25.0						
883.5			30.0						
878.5			35.0						

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 20 ft
 Drilling Date: August 1, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 7

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-08
CONSULTING GROUP

G2 Project No. 233472
 Latitude: 42.31248032° Longitude: -83.705863°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 916.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (14 inches)	1.2	S-01	2 5 6	11	12.2		9000*
911.5		Very Stiff to Hard Mottled Brown and Gray Sandy Clay with trace gravel	5	S-02	2 3 5	8	16.5		5000*
			6.0	S-03	2 3 5	8	23.6		3500*
906.5		Stiff to Very Stiff Mottled Gray and Brown Sandy Clay with trace gravel	10	S-04	3 5 5	10	15.1		2500*
901.5			15	S-05	7 8 8	16	11.0		5000*
896.5		Very Stiff Gray Sandy Clay with trace gravel (Vertical Fissures of Brown Sandy Clay)	16.8 20.0	S-06	4 7 9	16	13.4		6500*
		End of Boring @ 20 ft	20						
891.5			25						
886.5			30						
881.5			35						

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 27, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 8

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-09

CONSULTING GROUP

G2 Project No. 233472

Latitude: 42.31247622° Longitude: -83.70528145°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 919.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (18 inches)	1.5		4				
		Fill: Hard Brown Sandy Clay with trace gravel; intermixed topsoil	3.0	S-01	8	14	10.2		8000*
914.5		Hard Mottled Brown and Gray Sandy Clay with trace gravel	5	S-02	12	22	11.1		9000*
				S-03	9	18	12.3		9000*
909.5				S-04	10	18	11.6		9000*
		Very Stiff Gray Sandy Clay with trace gravel	11.8						
904.5				15	S-05	6	11	11.3	
		End of Boring @ 20 ft	20.0	S-06	7	12	11.8		5000*
899.5									
894.5			25						
889.5			30						
884.5			35						

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 20 ft
 Drilling Date: July 27, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 9

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan
 G2 Project No. 233472
 Latitude: 42.31188228° Longitude: -83.70583528°



Soil Boring No. SB-10
G2 CONSULTING GROUP

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 917.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Sports Aggregate: Light Gray Sand with trace silt (4 inches)	0.3		5				
		Buried Topsoil: Dark Brown Sandy Clay with trace gravel (11 inches)	1.2		4				
		Fill: Very Stiff Brown Sandy Clay with trace gravel	2.5	S-01	4	8	16.4		6000*
912.0		Fill: Hard Grayish Brown Sandy Clay with trace gravel	5.0	S-02	6	11	7.7		9000*
		Fill: Stiff Dark Gray Sandy Clay with trace gravel	8.0	S-03	4	7	32.5		3000*
907.0		Very Stiff Mottled Brown and Gray Sandy Clay	10	S-04	8	13	15.9		6000*
			11.8						
902.0		Very Stiff Grayish Brown Sandy Clay with trace silt and gravel (Wet sand seam)	15	S-05	9	16	14.0		7000*
897.0			20.0	S-06	9	16	10.1		4500*
		End of Boring @ 20 ft	20						
892.0			25						
887.0			30						
882.0			35						

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 27, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during drilling operations; 16-1/2 feet upon completion

Notes:
 * Calibrated Hand Penetrometer

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Excavation Backfilling Procedure:
 Auger cuttings

Figure No. 10

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-11



G2 Project No. 233472
 Latitude: 42.31188681° Longitude: -83.70528623°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 919.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (7 inches)	0.6		6				
		Very Stiff Brown Sandy Clay with trace gravel	3.0	S-01	12 13	25	10.9		5000*
914.5		Hard Light Brown Sandy Clay with trace gravel	5	S-02	8 11 16	27	11.7		9000*
			8.0	S-03	7 13 14	27	13.0		9000*
909.5			10	S-04	5 6 8	14	11.4		5000*
904.5		Very Stiff Gray Sandy Clay with trace gravel (Poor Recovery)	15	S-05	3 5 7	12	11.6		3000*
899.5			20	S-06	4 6 9	15	11.8		4000*
		End of Boring @ 20 ft	20						
894.5			25						
889.5			30						
884.5			35						

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 27, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 11

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-12



G2 Project No. 233472
 Latitude: 42.31135229° Longitude: -83.70559232°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 920.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (7 inches)	0.7						
915.5			5	S-01	4 5 7	12	11.5		9000*
				S-02	4 5 8	13	12.9		9000*
		Hard Mottled Brown and Gray Sandy Clay with trace gravel		S-03	8 13 16	29	12.4		9000*
910.5			10	S-04	7 13 20	33	12.1		9000*
				S-05	9 13 15	28	11.6		9000*
905.5			15						
		Hard Grayish Brown Sandy Clay with trace silt and gravel	16.8						
900.5			20	S-06	5 9 12	21	12.3		9000*
		End of Boring @ 20 ft	20.0						
895.5			25						
890.5			30						
885.5			35						

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 28, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 12

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-13
CONSULTING GROUP

G2 Project No. 233472
 Latitude: 42.31117427° Longitude: -83.70679189°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 916.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Bituminous Concrete (4 inches)	0.3						
		Aggregate Base: Light Gray Gravelly Sand with trace silt (4 inches)	0.7	S-01	6 4 3	7	14.0		9000*
		(Wet Sand Seams) Hard Brown Sandy Clay with trace gravel		S-02	4 6 11	17	12.0		8000*
911.5			5						
		Hard Grayish Brown Sandy Clay with trace silt and gravel	6.0	S-03	6 13 15	28	10.9		9000*
			8.0						
906.5		(Wet Sand Seams) Soft Gray Sandy Clay with trace gravel (Poor Recovery)	10	S-04	4 9 10	19	12.1		2000*
			11.8						
901.5		Stiff Gray Sandy Clay with trace gravel and silt	15	S-05	2 5 6	11	14.1		4000*
			20	S-06	4 7 9	16	15.3		3500*
896.5		End of Boring @ 20 ft	20						
			25						
891.5									
			30						
886.5									
			35						
881.5									

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 28, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during drilling operations; 13 feet upon completion

Notes:
 Offset 12 feet south to asphalt; utility line
 * Calibrated Hand Penetrometer

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Excavation Backfilling Procedure:
 Auger cuttings; asphalt patch

Figure No. 13

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-14

CONSULTING GROUP

G2 Project No. 233472

Latitude: 42.31113764° Longitude: -83.70499911°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 923.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (6 inches)	0.5		4				
		Fill: Hard Brown Sandy Clay with trace gravel; disturbed appearance	3.0	S-01	8	17	8.9		9000*
918.5		Hard Mottled Brown and Gray Sandy Clay with trace gravel	5	S-02	7	12	13.2		9000*
				S-03	14	23	13.1		9000*
913.5				S-04	14	25	12.4		9000*
		(Wet Sand Seams)	11.8						
908.5		Hard Gray Sandy Clay with trace gravel	15	S-05	8	16	11.2		9000*
903.5				S-06	7	13	11.8		8000*
		End of Boring @ 20 ft	20						
898.5			25						
893.5			30						
888.5			35						

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 20 ft
 Drilling Date: July 28, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 14

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan



Soil Boring No. SB-15
G2 CONSULTING GROUP

G2 Project No. 233472
 Latitude: 42.31096761° Longitude: -83.70577064°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 920.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Bituminous Concrete (4 inches)	0.3						
		Aggregate Base: Light Gray Gravelly Sand with trace silt (4 inches)	0.7						
		Fill: Hard Mottled Brown and Gray Sandy Clay with trace silt and gravel	3.0						
915.0		Fill: Medium Mottled Dark Gray and Brown Sandy Clay with trace silt and gravel	6.0	S-01	5 4 6	10	11.5		9000*
			5	S-02	2 3 5	8	30.2		2000*
		Hard Mottled Brown and Gray Sandy Clay with trace silt and gravel	10	S-03	6 9 11	20	14.0		9000*
910.0			10	S-04	6 10 11	21	15.4		8000*
			11.8						
905.0		Hard Gray Brown Sandy Clay with trace gravel	15	S-05	4 8 12	20	12.1		9000*
			20	S-06	4 6 9	15	12.2		4000*
900.0		End of Boring @ 20 ft	20						
			25						
895.0			30						
			35						
890.0									
885.0									

PRELIMINARY
SUBJECT TO REVISION

SOIL / PAVEMENT BORING 233472.CPJ 20150116 G2 CONSULTING DATA TEMPLATE.GDT 8/4/23

Total Depth: 20 ft
 Drilling Date: July 28, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 Offset 12 feet north to asphalt; utility line
 * Calibrated Hand Penetrometer

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Excavation Backfilling Procedure:
 Auger cuttings; asphalt patch

Figure No. 15

Project Name: Ann Arbor Public Schools - Logan Elementary School
 Project Location: 2685 Traver Boulevard
 Ann Arbor, Washtenaw County, Michigan

Soil Boring No. SB-16



G2 Project No. 233472
 Latitude: 42.31084147° Longitude: -83.70720734°

SUBSURFACE PROFILE				SOIL SAMPLE DATA					
ELEV. (ft)	PRO-FILE	GROUND SURFACE ELEVATION: 912.5 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		Topsoil: Dark Brown Sandy Clay with trace gravel (8 inches)	0-3		4				
		Fill: Hard Brown Sandy Clay with trace gravel	2.5	S-01	5	11	12.8		9000*
907.5		Fill: Dark Brown Sandy Clay with trace silt	5	S-02	2	3	19.2		1000*
			6.0	S-03	0	3	20.9		1000*
902.5		Soft Mottled Brown and Gray Sandy Clay with trace silt and gravel	10	S-04	0	4	15.5		1000*
			11.8		0				
897.5		Very Stiff Mottled Brown and Gray Sandy Clay with trace gravel	15	S-05	9	17	11.5		6000*
			16.8		9				
892.5		Hard Gray Sandy Clay with trace silt	20	S-06	7	33	17.8		9000*
			20.0		14				
		End of Boring @ 20 ft	20		19				
887.5			25						
882.5			30						
877.5			35						

PRELIMINARY
SUBJECT TO REVISION

Total Depth: 20 ft
 Drilling Date: July 31, 2023
 Inspector: G. Jere
 Contractor: Strata Drilling, Inc.
 Driller: B. Sienkiewicz

Water Level Observation:
 Dry during and upon completion

Notes:
 * Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
 Auger cuttings

Drilling Method:
 2-1/4 inch inside diameter hollow-stem augers

Figure No. 16

SOIL / PAVEMENT BORING - 233472.CPJ - 20150116 G2 CONSULTING DATA TEMPLATE.GDT - 8/4/23