

SUMMARY OF LABORATORY TESTING RESULTS FOR THE 1000 SERIES BORINGS PERFORMED IN 2024 (1001 THROUGH 1012)

HOLE NO.		1001													
STATION		104+36													
OFFSET		16' LT.													
SAMPLE NO.		ST-01	SS-03	ST-03	SS-08	ST-04	SS-10	ST-06	ST-07	ST-08	ST-09	SS-21	SS-26	SS-30	RS-1
DEPTH (FEET)		3	5	13	16.5	18	21.5	28	33	38	43	50	57.5	63.5	74.9
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	38.8	57.6	0	30.8	5.7	17.7	6.6	3.9	6.8	6.8	19.1	74.4	41.6	
	SAND (- NO. 10 + NO. 200)	14.7	15.8	6.5	7.9	7.1	17.1	8.9	7.3	6.2	6.2	9.8	14.6	18.8	
	SILT (- 0.075 mm + 0.002 mm)	23.6	14	62.1	39.5	59.3	39.3	41.5	53	52.7	50.3	53.1	11	39.6	
	CLAY (-0.002 mm)	22.9	12.5	31.5	21.9	27.9	25.8	43	35.8	34.4	36.7	18.1			
LIQUID LIMIT		45	28	46	38	41	36	47	49	45	43	39	NP		
PLASTIC LIMIT		25	14	26	19	25	22	27	26	24	27	25	NP	NP	
PLASTICITY INDEX		20	14	20	19	16	14	20	23	21	16	14	NP	NP	
ACTIVITY INDEX		0.87	1.12	0.64	0.87	0.57	0.54	0.46	0.64	0.61	0.44	0.77	0	0	
SPECIFIC GRAVITY		2.825	2.826	2.868	2.758	2.57	2.692	2.765	2.841	2.804	2.75	2.886	-	-	
AASHTO CLASSIFICATION		A-7-6 (6)	A-2-6 (0)	A-7-6 (21)	A-6 (9)	A-7-6 (15)	A-6 (7)	A-7-6 (19)	A-7-6 (23)	A-7-6 (20)	A-7-6 (16)	A-6 (9)	A-1-a (0)	A-4 (0)	
UNIFIED CLASSIFICATION		SC	GC	CL	CL	CL	CL	CL	CL	CL	ML	CL	GP-GM	GM	
% + NO.4		20	46.5	0	23.8	0	11.6	0.4	0.7	1	0.9	8.2	71	38	
HYDRAULIC CONDUCTIVITY (CM/SEC)								2.71x10-5		2.02x10-4					
COMPRESSIVE STRENGTH (KSF)															954

HOLE NO.		1002															
STATION		105+60															
OFFSET		19' LT.															
SAMPLE NO.		SS-04	SS-05	SS-07	ST-04	SS-09	SS-11	ST-06	ST-07	ST-08	ST-09	ST-10	ST-11	SS-25	SS-29	SS-32	RS-1
DEPTH (FEET)		6.5	10	15	18	20	25	28	33	38	43	48	53	56.5	62.5	67	80.5
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	50.5	17.2	59.2	9.6	8.7	8.1	13.4	3.5	3.2	0.4	6.1	22.3	13.6	20.8	15.4	
	SAND (- NO. 10 + NO. 200)	15.2	4	20.2	5.3	5.3	4.4	5.1	10.1	4.8	6.6	5.8	12.9	19.1	16.1	19.4	
	SILT (- 0.075 mm + 0.002 mm)	20.2	50.7		59.4	53.1	54.1	47.8	48.1	64.9	55.8	54.1	48	52	44.4	50	
	CLAY (-0.002 mm)	14.1	28	20.6	25.8	32.9	33.3	33.6	38.3	27.1	37.2	34.1	16.8	15.2	18.7	15.1	
LIQUID LIMIT		34	39	NP	37	43	44	45	39	45	45	43	30	27	34	25	
PLASTIC LIMIT		20	23	NP	25	27	25	27	26	27	27	27	17	18	18	17	
PLASTICITY INDEX		14	16	NP	12	16	19	18	13	18	18	16	13	9	16	8	
ACTIVITY INDEX		1	0.57	0	0.47	0.49	0.57	0.54	0.34	0.66	0.48	0.47	0.78	0.59	0.86	0.53	
SPECIFIC GRAVITY		2.687	2.737	-	2.733	2.666	2.761	2.761	2.82	2.623	2.894	2.724	2.816	2.609	2.761	2.824	
AASHTO CLASSIFICATION		A-2-6 (1)	A-6 (12)	A-1-b (0)	A-6 (11)	A-7-6 (15)	A-7-6 (18)	A-7-6 (16)	A-6 (12)	A-7-6 (19)	A-7-6 (19)	A-7-6 (16)	A-6 (6)	A-4 (4)	A-6 (8)	A-4 (3)	
UNIFIED CLASSIFICATION		GC	CL	GM	ML	ML	CL	ML	ML	ML	ML	ML	CL	CL	CL	CL	
% + NO.4		34.4	13.5	51.2	4.5	3.9	3	5	0.2	0.4	0.1	0.9	18.8	5.8	13.1	8.9	
HYDRAULIC CONDUCTIVITY (CM/SEC)					3.21x10-4												
COMPRESSIVE STRENGTH (KSF)					1.65												1255

HOLE NO.		1003																		
STATION		106+85																		
OFFSET		19' LT.																		
SAMPLE NO.		SS-03	ST-02	ST-03	SS-08	ST-04	ST-05	ST-06	SS-14	ST-08	SS-18	ST-09	ST-10	ST-11	ST-12	SS-25	ST-13	SS-30	RS-1	RS-2
DEPTH (FEET)		5	8	13	16.5	18	23	28	31.5	38	41.5	43	48	53	58	60	63	69.5	79.8	86.3
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	63.1	5.1	0	6.9	6.5	22.9	0.8	1.8	7.2	17.9	15.7	0	5.3	10.1	6.1	30.7	26.6		
	SAND (- NO. 10 + NO. 200)	15.4	8	3	4.5	4.2	10.5	4.3	5.3	4.8	17.9	14.4	4.7	4.7	9.2	13.7	14.2	5.7		
	SILT (- 0.075 mm + 0.002 mm)	15.6	58.5	61.9	57.3	56.3	44.2	53.4	69.3	58.3	36.4	40	63.6	64	61.2	59.5	34	51		
	CLAY (-0.002 mm)	5.8	28.5	35.1	31.4	33	22.4	41.4	23.5	29.7	27.7	29.9	31.7	26	19.5	20.6	21.1	16.7		
LIQUID LIMIT		26	42	43	37	40	40	39	39	35	39	43	48	47	42	33	32	32		
PLASTIC LIMIT		15	24	27	25	24	24	29	26	23	23	24	31	30	25	21	17	23		
PLASTICITY INDEX		11	18	16	12	16	16	10	13	12	16	19	17	17	17	12	15	9		
ACTIVITY INDEX		1.9	0.63	0.46	0.38	0.49	0.71	0.24	0.55	0.4	0.58	0.64	0.54	0.65	0.87	0.58	0.71	0.54		
SPECIFIC GRAVITY		2.744	2.756	2.738	2.697	2.641	2.766	2.731	2.766	2.697	2.796	2.78	2.589	2.754	2.889	2.747	2.56	2.713		
AASHTO CLASSIFICATION		A-2-6 (0)	A-7-6 (17)	A-7-6 (18)	A-6 (11)	A-6 (15)	A-6 (10)	A-4 (12)	A-6 (14)	A-6 (11)	A-6 (9)	A-7-6 (12)	A-7-5 (20)	A-7-5 (18)	A-7-6 (14)	A-6 (9)	A-6 (5)	A-4 (5)		
UNIFIED CLASSIFICATION		GC	CL	ML	ML	CL	CL	ML	ML	CL	CL	CL	ML	ML	CL	CL	CL	CL		
% + NO.4		54.8	1.7	0	1.7	1.6	9.9	0.4	0.55	3.3	7.5	10.3	0	0	1.1	4.1	25.2	16.6		
HYDRAULIC CONDUCTIVITY (CM/SEC)																3.58x10-5				
COMPRESSIVE STRENGTH (KSF)							1.01												991	844

SUMMARY OF LABORATORY TESTING RESULTS FOR THE 1000 SERIES BORINGS PERFORMED IN 2024 (1001 THROUGH 1012)

HOLE NO.		1004																
STATION		108+25																
OFFSET		17' LT.																
SAMPLE NO.		ST-01	SS-03	SS-07	ST-04	SS-09	ST-05	ST-06	ST-07	ST-08	SS-18	ST-09	ST-10	ST-11	ST-12	ST-13	SS-27	RS-1
DEPTH (FEET)		3	5	15	18	20	23	28	33	38	41.5	43	48	53	58	63	64.5	78.7
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	42.5	31.4	28.5	24.4	4.3	28	0	0	5.3	34.6	6	8.1	0.5	0	0.1	53.3	
	SAND (- NO. 10 + NO. 200)	9.4	11.7	12.3	7	7.4	7.6	2.5	3.4	5.5	16.4	6.3	6.6	3.7	3.7	5.1	16.1	
	SILT (- 0.075 mm + 0.002 mm)	28.3	41.3	35.2	41.1	55.2	37.8	57.5	61	58.3	33.4	61.9	62.2	66.7	58.6	68	17.9	
	CLAY (-0.002 mm)	19.7	15.6	24	27.5	33	26.6	40	35.6	31	15.6	25.9	23	29.1	37.7	26.8	12.7	
LIQUID LIMIT		35	38	40	45	44	41	44	44	44	37	46	43	45	45	65	37	
PLASTIC LIMIT		24	26	23	27	25	27	27	24	26	21	27	23	27	33	20	19	
PLASTICITY INDEX		11	12	17	18	19	14	17	20	18	16	19	20	18	12	45	18	
ACTIVITY INDEX		0.56	0.77	0.71	0.65	0.57	0.53	0.42	0.56	0.58	1.03	0.73	0.87	0.62	0.32	1.68	1.41	
SPECIFIC GRAVITY		2.538	2.709	2.765	2.592	2.775	2.889	2.563	2.728	2.579	2.824	2.764	2.754	2.697	2.72	2.643	2.729	
AASHTO CLASSIFICATION		A-6 (3)	A-6 (5)	A-6 (8)	A-7-6 (12)	A-7-6 (18)	A-7-6 (8)	A-7-6 (20)	A-7-6 (22)	A-7-6 (18)	A-6 (5)	A-7-6 (19)	A-7-6 (18)	A-7-6 (20)	A-7-5 (15)	A-7-6 (48)	A-2-6 (1)	
UNIFIED CLASSIFICATION		GC	ML	CL	ML	CL	ML	ML	CL	CL	SC	CL	CL	ML	ML	CH	GC	
% + NO.4		28	19.9	14.3	14.4	0.4	9.9	0	0	2.2	24	1.7	4.9	0.1	0	0	41.8	
HYDRAULIC CONDUCTIVITY (CM/SEC)					2.77x10-4													
COMPRESSIVE STRENGTH (KSF)		3.12																1297

HOLE NO.		1005									
STATION		109+51									
OFFSET		16' LT.									
SAMPLE NO.		SS-03	ST-02	SS-06	ST-03	ST-04	SS-11	ST-06	SS-13	RS-1	RS-2
DEPTH (FEET)		5	8	11.5	13	18	25	28	30	47.9	66.7
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	29.6	29.9	39.4	0	21.3	7.4	20.3	34.2		
	SAND (- NO. 10 + NO. 200)	15	11.1	9.2	3.5	10.2	7.2	11.4	29.6		
	SILT (- 0.075 mm + 0.002 mm)	39.8	17.7	18.8	58.1	54.1	54	50.9	24.3		
	CLAY (-0.002 mm)	13.2	13.5	15	38.5	14.5	31.5	17.4	11.9		
LIQUID LIMIT		36	35	41	48	43	43	47	27		
PLASTIC LIMIT		23	21	23	27	24	28	23	17		
PLASTICITY INDEX		13	14	18	21	19	15	24	10		
ACTIVITY INDEX		0.84	0.79	0.96	0.55	1.31	0.48	1.38	0.84		
SPECIFIC GRAVITY		2.737	2.745	2.768	2.875	2.71	2.712	2.53	2.747		
AASHTO CLASSIFICATION		A-6 (5)	A-6 (6)	A-7-6 (6)	A-7-6 (24)	A-7-6 (12)	A-7-6 (14)	A-7-6 (15)	A-4 (0)		
UNIFIED CLASSIFICATION		CL	CL	CL	CL	CL	ML	CL	SC		
% + NO.4		20.2	14.3	21.7	0	14.6	1.4	9.3	21.1		
HYDRAULIC CONDUCTIVITY (CM/SEC)			3.13x10-4								
COMPRESSIVE STRENGTH (KSF)					5.91					518	690

HOLE NO.		1006					
STATION		110 +68					
OFFSET		15' LT.					
SAMPLE NO.		SS-02	SS-04	SS-06	ST-03	RS-1	RS-2
DEPTH (FEET)		1.5	6.5	11.5	13	27.3	34.9
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	50.4	6.5	8.5	6		
	SAND (- NO. 10 + NO. 200)	8.7	9.1	16	17.1		
	SILT (- 0.075 mm + 0.002 mm)	21.6	45.7	52.8	60.7		
	CLAY (-0.002 mm)	19.3	38.8	22.7	16.2		
LIQUID LIMIT		34	41	28	24		
PLASTIC LIMIT		23	26	17	16		
PLASTICITY INDEX		11	15	11	8		
ACTIVITY INDEX		0.57	0.39	0.48	0.49		
SPECIFIC GRAVITY		2.602	2.719	2.784	2.847		
AASHTO CLASSIFICATION		A-6 (1)	A-7-6 (13)	A-6 (6)	A-4 (4)		
UNIFIED CLASSIFICATION		GC	ML	CL	CL		
% + NO.4		42	2.7	4.8	1.3		
HYDRAULIC CONDUCTIVITY (CM/SEC)					3.82x10-4		
COMPRESSIVE STRENGTH (KSF)						920	1184

SUMMARY OF LABORATORY TESTING RESULTS FOR THE 1000 SERIES BORINGS PERFORMED IN 2024 (1001 THROUGH 1012)

HOLE NO.		1007													
STATION		105+61													
OFFSET		17' RT.													
SAMPLE NO.		SS-02	SS-05	SS-09	SS-11	ST-02	SS-15	ST-03	SS-21	SS-26	ST-05	SS-33	SS-36	SS-39	RS-1
DEPTH (FEET)		1.5	6	14	17	20	25	31	36	45.5	53	58	62.5	67	77.5
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	22.4	60.5	1.2	7.6	4.8	16.6	6.2	0.9	2.3	21.8	28.7	12.2	19.1	
	SAND (- NO. 10 + NO. 200)	18.8	13.6	7.8	4.9	3.6	11.1	8.5	2.9	6.8	6.3	7.2	26.3	11	
	SILT (- 0.075 mm + 0.002 mm)	36.9	19.7	54.8	50.6	59.5	43.3	58.8	55.5	60.8	45.6	41.9	36.7	54.8	
	CLAY (-0.002 mm)	21.9	6.2	36.1	37	32	29.1	26.5	40.8	30.1	26.2	22.3	24.7	15.1	
LIQUID LIMIT		38	27	43	44	44	43	45	52	47	42	38	37	29	
PLASTIC LIMIT		26	17	27	28	26	25	28	32	30	25	23	27	20	
PLASTICITY INDEX		12	10	16	16	18	18	17	20	17	17	15	10	9	
ACTIVITY INDEX		0.55	1.62	0.44	0.43	0.56	0.62	0.64	0.49	0.56	0.65	0.67	0.4	0.6	
SPECIFIC GRAVITY		2.608	2.941	2.775	2.768	2.919	2.777	2.72	2.763	2.709	2.742	2.773	2.762	2.822	
AASHTO CLASSIFICATION		A-6(5)	A-2-4(0)	A-7-6(17)	A-7-6(16)	A-7-6(19)	A-7-6(13)	A-7-6(16)	A-7-5(24)	A-7-5(18)	A-7-6(12)	A-6(8)	A-4(5)	A-4(5)	
UNIFIED CLASSIFICATION		ML	GC	ML	ML	CL	CL	ML	MH	ML	CL	CL	ML	CL	
% + NO.4		18.6	49	0.2	3.9	1.2	10.8	0.6	0.8	0	18	17.4	4.5	9.2	
HYDRAULIC CONDUCTIVITY (CM/SEC)															
COMPRESSIVE STRENGTH (KSF)															1175

HOLE NO.		1008													
STATION		108+45													
OFFSET		18' RT.													
SAMPLE NO.		SS-03	SS-08	SS-11	ST-02	SS-15	ST-03	SS-21	ST-04	SS-28	ST-05	SS-34	ST-06	RS-1	
DEPTH (FEET)		3	12.5	17	20	25	31	36	42	48.5	53	59.5	64	78.5	
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	27.1	10.4	5.6	3.2	15	0.9	1.6	0	5.9	4.2	0.1	6.8		
	SAND (- NO. 10 + NO. 200)	6.8	13.4	6.1	5.6	6.8	7.5	4.4	5.4	7.5	6.7	4.1	4.9		
	SILT (- 0.075 mm + 0.002 mm)	47.6	49.1	54.7	55.4	53.6	54.7	59.2	52.6	55.6	60.8	75	60.8		
	CLAY (-0.002 mm)	18.4	27.1	33.6	35.8	24.7	36.8	34.8	42	30.9	28.3	20.8	27.6		
LIQUID LIMIT		39	41	36	42	37	45	48	47	44	48	50	47		
PLASTIC LIMIT		23	26	24	26	22	28	28	26	30	28	29	28		
PLASTICITY INDEX		16	15	12	16	15	17	20	21	14	20	21	19		
ACTIVITY INDEX		0.87	0.55	0.36	0.45	0.61	0.46	0.58	0.5	0.45	0.71	1.01	0.69		
SPECIFIC GRAVITY		2.773	2.747	2.833	2.714	2.758	2.521	2.903	2.76	2.777	2.74	2.809	2.462		
AASHTO CLASSIFICATION		A-6(9)	A-7-6(11)	A-6(11)	A-7-6(16)	A-6(11)	A-7-6(18)	A-7-6(22)	A-7-6(23)	A-7-5(14)	A-7-6(20)	A-7-6(24)	A-7-6(19)		
UNIFIED CLASSIFICATION		CL	ML	CL	ML	CL	ML	ML	CL	ML	ML	MH	ML		
% + NO.4		15.3	4.4	2.6	0.2	12.5	0.1	0.6	0	4.5	0.7	0	0		
HYDRAULIC CONDUCTIVITY (CM/SEC)													2.26x10-4		
COMPRESSIVE STRENGTH (KSF)														1433	

HOLE NO.		1009			
STATION		108+42			
OFFSET		184' RT.			
SAMPLE NO.		ST-03	ST-05	ST-06	RS-1
DEPTH (FEET)		4	8	10	18.8
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	1.4	2.6	12.1	
	SAND (- NO. 10 + NO. 200)	13.6	8.1	13.8	
	SILT (- 0.075 mm + 0.002 mm)	74	76.7	62	
	CLAY (-0.002 mm)	11	12.6	12.1	
LIQUID LIMIT		33	38	36	
PLASTIC LIMIT		23	24	21	
PLASTICITY INDEX		10	14	15	
ACTIVITY INDEX		0.91	1.11	1.24	
SPECIFIC GRAVITY		2.728	2.673	2.555	
AASHTO CLASSIFICATION		A-4(8)	A-6(13)	A-6(10)	
UNIFIED CLASSIFICATION		CL	CL	CL	
% + NO.4		0	2.1	6.8	
HYDRAULIC CONDUCTIVITY (CM/SEC)					
COMPRESSIVE STRENGTH (KSF)					1305

**SUMMARY OF LABORATORY TESTING RESULTS FOR THE 1000 SERIES BORINGS PERFORMED IN 2024 (1001 THROUGH 1012)**

HOLE NO.		1010									
STATION		109+43									
OFFSET		17' RT.									
SAMPLE NO.		SS-02	SS-04	SS-07	SS-10	ST-02	SS-15	ST-03	SS-21	SS-24	SS-28
DEPTH (FEET)		1.5	4.5	11	15.5	20	25	31	36	40.5	46.5
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	44.6	64.3	35.5	14	11.3	1.4	0.4	35.7	8.1	56
	SAND (- NO. 10 + NO. 200)	12.7	13.2	9.3	9.5	12.8	5.2	9.6	9	10.2	15.6
	SILT (- 0.075 mm + 0.002 mm)	32.2	22.5	38	44.1	61.1	63.6	70.2	29.9	50.2	28.5
	CLAY (-0.002 mm)	10.6		17.2	32.4	14.8	29.8	19.8	25.4	31.5	
LIQUID LIMIT		35	NP	36	43	43	43	40	41	41	NP
PLASTIC LIMIT		24	NP	22	27	25	28	22	28	25	NP
PLASTICITY INDEX		11	NP	14	16	18	15	18	13	16	NP
ACTIVITY INDEX		1.04	0	0.81	0.49	1.21	0.5	0.91	0.51	0.51	0
SPECIFIC GRAVITY		2.573	-	2.761	2.544	2.794	2.729	2.739	2.61	2.758	-
AASHTO CLASSIFICATION		A-6 (2)	A-1-b (0)	A-6 (5)	A-7-6 (12)	A-7-6 (14)	A-7-6 (16)	A-6 (17)	A-7-6 (5)	A-7-6 (14)	A-2-4 (0)
UNIFIED CLASSIFICATION		GC	GM	CL	ML	CL	ML	CL	ML	CL	GM
% + NO.4		31.6	56.6	21.6	8.5	0.8	0.2	0.2	22	1.9	46.2
HYDRAULIC CONDUCTIVITY (CM/SEC)						4.34x10-4					
COMPRESSIVE STRENGTH (KSF)						2.86					

HOLE NO.		1011				
STATION		109+35				
OFFSET		189' RT.				
SAMPLE NO.		ST-01	ST-03	ST-04	ST-07	RS-1
DEPTH (FEET)		0	4	6	12	17.2
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	25.4	9.1	16.9	25.1	
	SAND (- NO. 10 + NO. 200)	25.6	19.4	24.4	11.1	
	SILT (- 0.075 mm + 0.002 mm)	41.2	46.2	35.3	52	
	CLAY (-0.002 mm)	7.8	25.3	23.4	11.8	
LIQUID LIMIT		40	36	36	31	
PLASTIC LIMIT		23	23	20	20	
PLASTICITY INDEX		17	13	16	11	
ACTIVITY INDEX		2.19	0.51	0.68	0.93	
SPECIFIC GRAVITY		2.546	2.732	2.772	2.873	
AASHTO CLASSIFICATION		A-6 (5)	A-6 (8)	A-6 (7)	A-6 (5)	
UNIFIED CLASSIFICATION		SC	CL	CL	CL	
% + NO.4		16.4	4	7.7	20.9	
HYDRAULIC CONDUCTIVITY (CM/SEC)						
COMPRESSIVE STRENGTH (KSF)				1.67	1139	

HOLE NO.		1012			
STATION		111 +42			
OFFSET		17' RT.			
SAMPLE NO.		SS-03	SS-05	SS-09	RS-1
DEPTH (FEET)		3	6	12	19.4
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	24.4	69.6	12.9	
	SAND (- NO. 10 + NO. 200)	11	14.8	15.7	
	SILT (- 0.075 mm + 0.002 mm)	38.5	15.6	53.8	
	CLAY (-0.002 mm)	26.2		17.6	
LIQUID LIMIT		39	NP	28	
PLASTIC LIMIT		23	NP	19	
PLASTICITY INDEX		16	NP	9	
ACTIVITY INDEX		0.61	0	0.51	
SPECIFIC GRAVITY		2.784	-	2.78	
AASHTO CLASSIFICATION		A-6 (9)	A-1-b (0)	A-4 (4)	
UNIFIED CLASSIFICATION		CL	GM	CL	
% + NO.4		16.4	64	6	
HYDRAULIC CONDUCTIVITY (CM/SEC)					
COMPRESSIVE STRENGTH (KSF)					1155

**SUMMARY OF LABORATORY TESTING RESULTS FOR THE 1000 SERIES BORINGS PERFORMED IN 2024 (1001 THROUGH 1012)**

SUMMARY OF UU TRIAXIAL TEST DATA												
HOLE NO.	B-1001	B-1002		B-1003			B-1004	B-1008	B-1009		B-1010	B-1011
STATION	104+36	105+60		106+85			108+25	108+45	108+42		109+43	109+35
OFFSET	16' LT.	19' LT.		19' LT.			17' LT.	18' RT.	184' RT.		17' RT.	189' RT.
SAMPLE NO.	ST-09	ST-07	ST-11	ST-06	ST-12	ST-13	ST-13	ST-02	ST-03	ST-05	ST-03	ST-07
DEPTH (FEET)	44.0 - 44.5	33.5 - 34.0	53.0 - 53.5	29.0 - 29.5	59.5 - 60.0	64.0 - 64.5	63.0 - 63.5	21.5 - 22.0	5.5 - 6.0	9.0 - 9.5	31.0 - 31.5	12.8 - 13.2
c (PSF)	2463	461	3194	849	4362	2116	2024	2834	1216	1869	3486	1145
$\phi$ (°)	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF CU TRIAXIAL TEST DATA								
HOLE NO.	B-1001	B-1002	B-1003		B-1004		B-1005	B-1009
STATION	104+36	105+60	106+85		108+25		109+51	108+42
OFFSET	16' LT.	19' LT.	19' LT.		17' LT.		16' LT.	184' RT.
SAMPLE NO.	ST-01 ST-03 ST-04	ST-06 ST-07	ST-02 ST-03 ST-04	ST-08 ST-09 ST-10	ST-06 ST-07	ST-10 ST-11 ST-12	ST-04 ST-06	ST-03 ST-05 ST-06
DEPTH (FEET)	3.0 - 5.0 13.0 - 15.0 18.0 - 20.0	28.0 - 30.0 33.0 - 35.0	8.0 - 10.0 13.0 - 15.0 18.0 - 20.0	38.0 - 40.0 43.0 - 45.0 48.0 - 50.0	28.0 - 30.0 33.0 - 35.0	48.0 - 50.0 53.0 - 55.0 58.0 - 60.0	18.0 - 20.0 28.0 - 30.0	4.0 - 6.0 8.0 - 10.0 10.0 - 12.0
c (PSF)	965	0	1138	1526	2578	14.4	1512	950
$\phi$ (°)	7.8	20.1	9.3	8.8	5.2	18.6	7.7	10.9
c' (PSF)	778	922	706	1296	1728	446	1051	259
$\phi'$ (°)	17.7	25.6	19.3	16	15.3	25.3	16.1	28.5