

Boring Summary

GSP Airport Parking Lot Expansions (#1426-18-129)

Last Updated: 11/26/2018

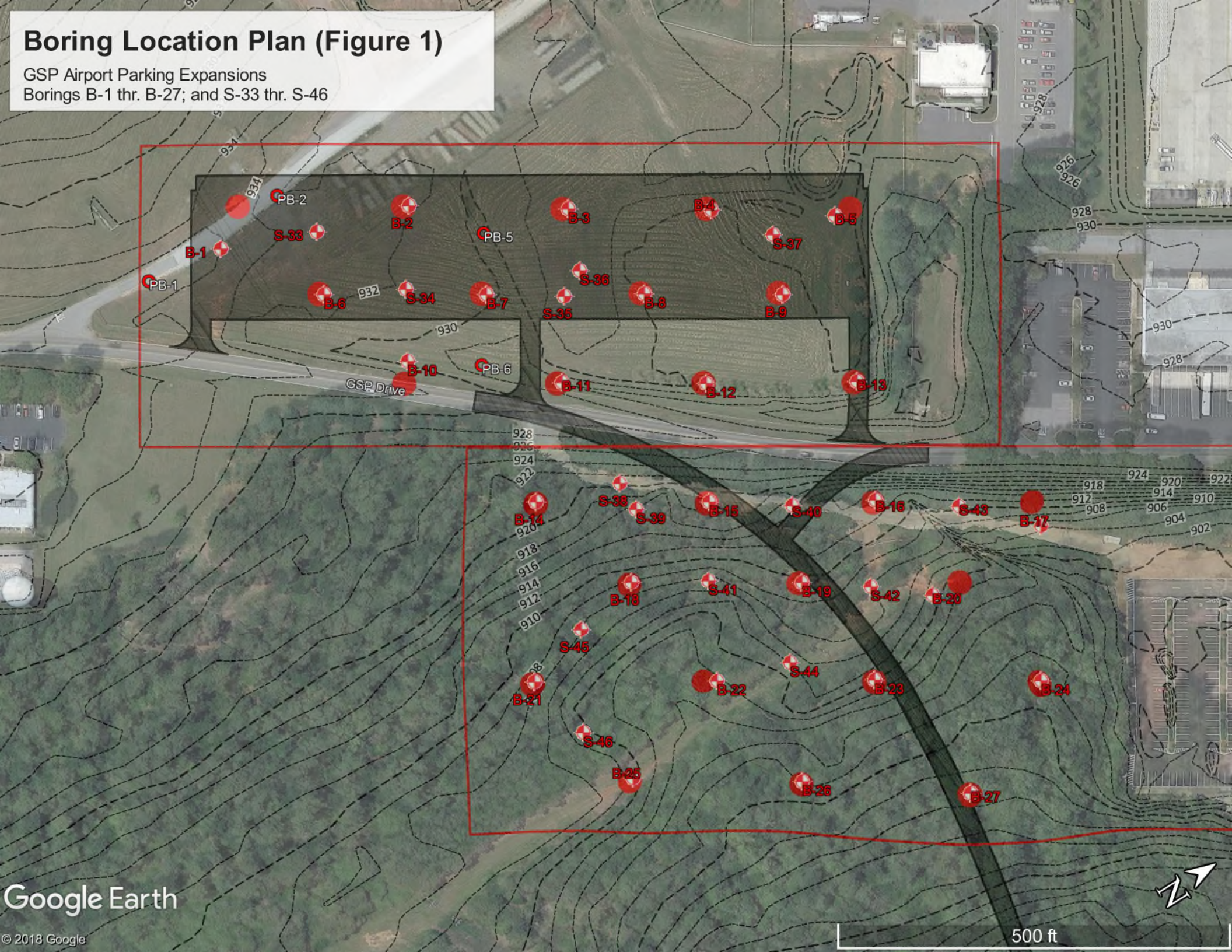
Boring #	Area	GS Elev. (ft)	Boring Depth, Proposed (ft)	PWR		Auger Refusal		Termination, As-Drilled		Date Drilled
				Depth (ft)	Elevation (ft)	Depth (ft)	Elevation (ft)	Depth (ft)	Elevation (ft)	
B-1	1	936	15	13	923	--	--	15	921	11/14/2018
B-2	1	932	15	4	928	6	926	6	926	11/14/2018
B-3	1	932	15	9	923	11	921	11	921	11/14/2018
B-4	1	930	10	7	923	--	--	10	920	11/14/2018
B-5	1	930.5	10	6	924.5	6.5	924	6.5	924	11/15/2018
B-6	1	932.5	15	2.5	930	3.5	929	3.5	929	11/14/2018
B-7	1	930	10	8	922	--	--	10	920	11/14/2018
B-8	1	930	10	--	--	--	--	10	920	11/14/2018
B-9	1	930	15	--	--	--	--	15	915	11/14/2018
B-10	1	929	10	1.5	927.5	2	927	2	927	11/15/2018
B-11	1	927	10	1.5	925.5	2	925	2	925	11/15/2018
B-12	1	930	15	--	--	--	--	15	915	11/15/2018
B-13	1	929	15	--	--	--	--	15	914	11/15/2018
S-33	1	933	--	4	929	5	928	5	928	11/15/2018
S-34	1	932	--	8	924	9	923	9	923	11/15/2018
S-35	1	932	--	--	--	1.5	930.5	1.5	930.5	11/15/2018
S-36	1	933	--	1	932	2.5	930.5	2.5	930.5	11/15/2018
S-37	1	930	--	8	922	8.5	921.5	8.5	921.5	11/15/2018
PB-1	1	936	--	--	--	--	--	10	926	5/12/2016
PB-2	1	932	--	8.5	923.5	--	--	10	922	5/12/2016
PB-5	1	928.5	--	6	922.5	--	--	10	918.5	5/12/2016
PB-6	1	927	--	7	920	--	--	10	917	5/12/2016
B-14	2	921	20	10	911	13	908	13	908	11/16/2018
B-15	2	919	25	7	912	21	898	21	898	11/16/2018
B-16	2	913	20	11	902	12	901	12	901	11/16/2018
B-17	2	905	10	1.5	903.5	3	902	3	902	11/19/2018
B-18	2	908	20	9	899	10	898	10	898	11/16/2018
B-19	2	909	20	11	898	13	896	13	896	11/16/2018
B-20	2	902	10	7	895	--	--	10	892	11/20/2018
B-21	2	907	20	14	893	16	891	16	891	11/20/2018
B-22	2	898	20	5.5	892.5	6.5	891.5	6.5	891.5	11/19/2018
B-23	2	900	15	4.5	895.5	5.5	894.5	5.5	894.5	11/19/2018
B-24	2	891	10	6	885	7	884	7	884	11/19/2018
B-25	2	901	20	5.5	895.5	6	895	6	895	11/19/2018
B-26	2	892	10	6	886	7	885	7	885	11/19/2018
B-27	2	887	10	--	--	--	--	10	877	11/19/2018
S-38	2	920	--	4	916	6	914	6	914	11/16/2018
S-39	2	916	--	7	909	8	908	8	908	11/19/2018
S-40	2	916	--	8	908	20	896	20	896	11/19/2018
S-41	2	906	--	4	902	5	901	5	901	11/16/2018
S-42	2	906	--	6	900	15	891	15	891	11/19/2018
S-43	2	911	--	4.5	906.5	6	905	6	905	11/20/2018
S-44	2	902	--	7	895	9	893	9	893	11/20/2018
S-45	2	906	--	16	890	--	--	20	886	11/20/2018
S-46	2	901	--	8	893	11	890	11	890	11/20/2018
B-28	3	866	20	--	--	--	--	20	846	11/20/2018
B-29	3	872	15	--	--	--	--	15	857	11/20/2018
B-30	3	884	15	--	--	--	--	15	869	11/20/2018
B-31	3	893	15	--	--	--	--	15	878	11/20/2018
B-32	3	875	10	2.5	872.5	5.5	869.5	5.5	869.5	11/20/2018

TOTALS: 470

458

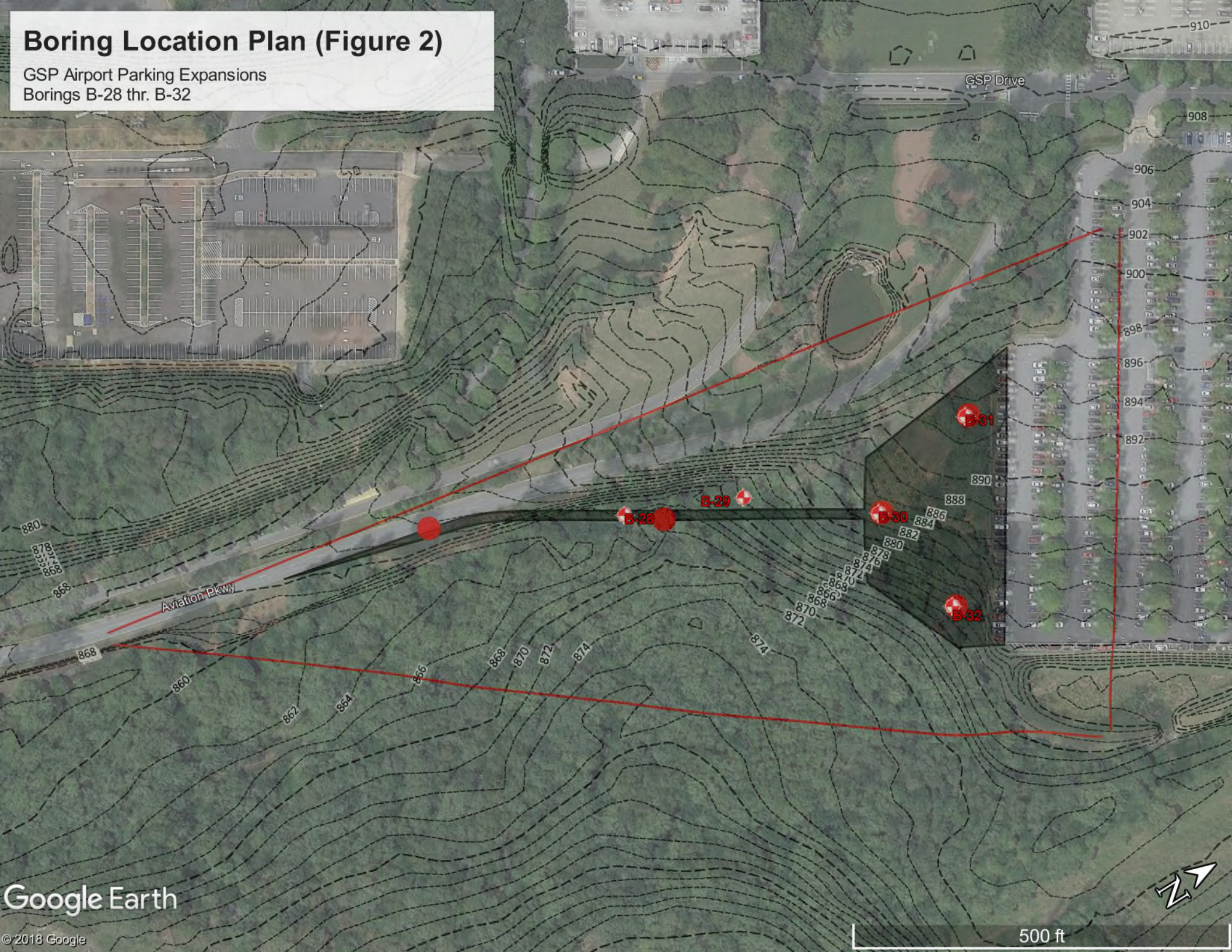
Boring Location Plan (Figure 1)

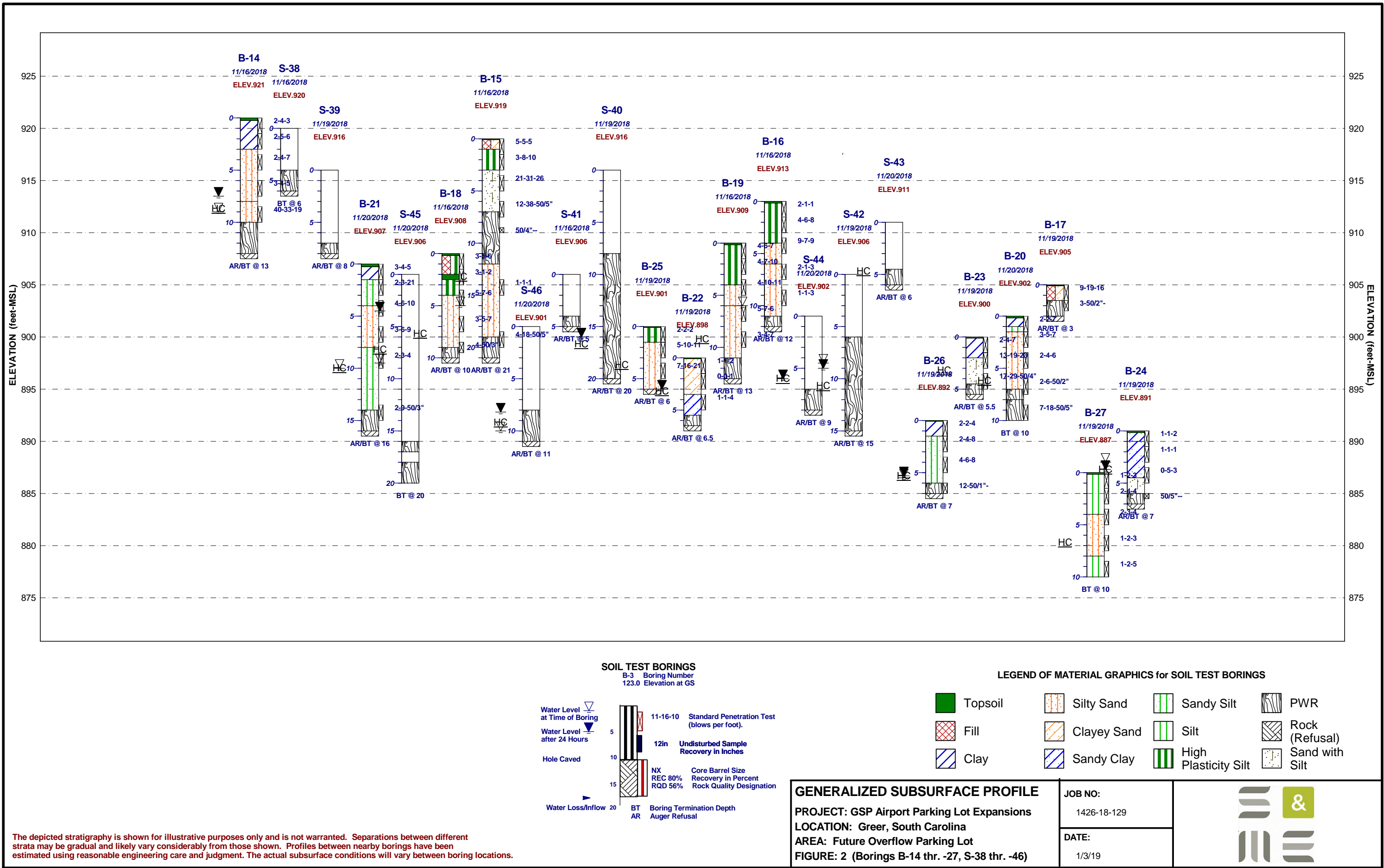
GSP Airport Parking Expansions
Borings B-1 thr. B-27; and S-33 thr. S-46

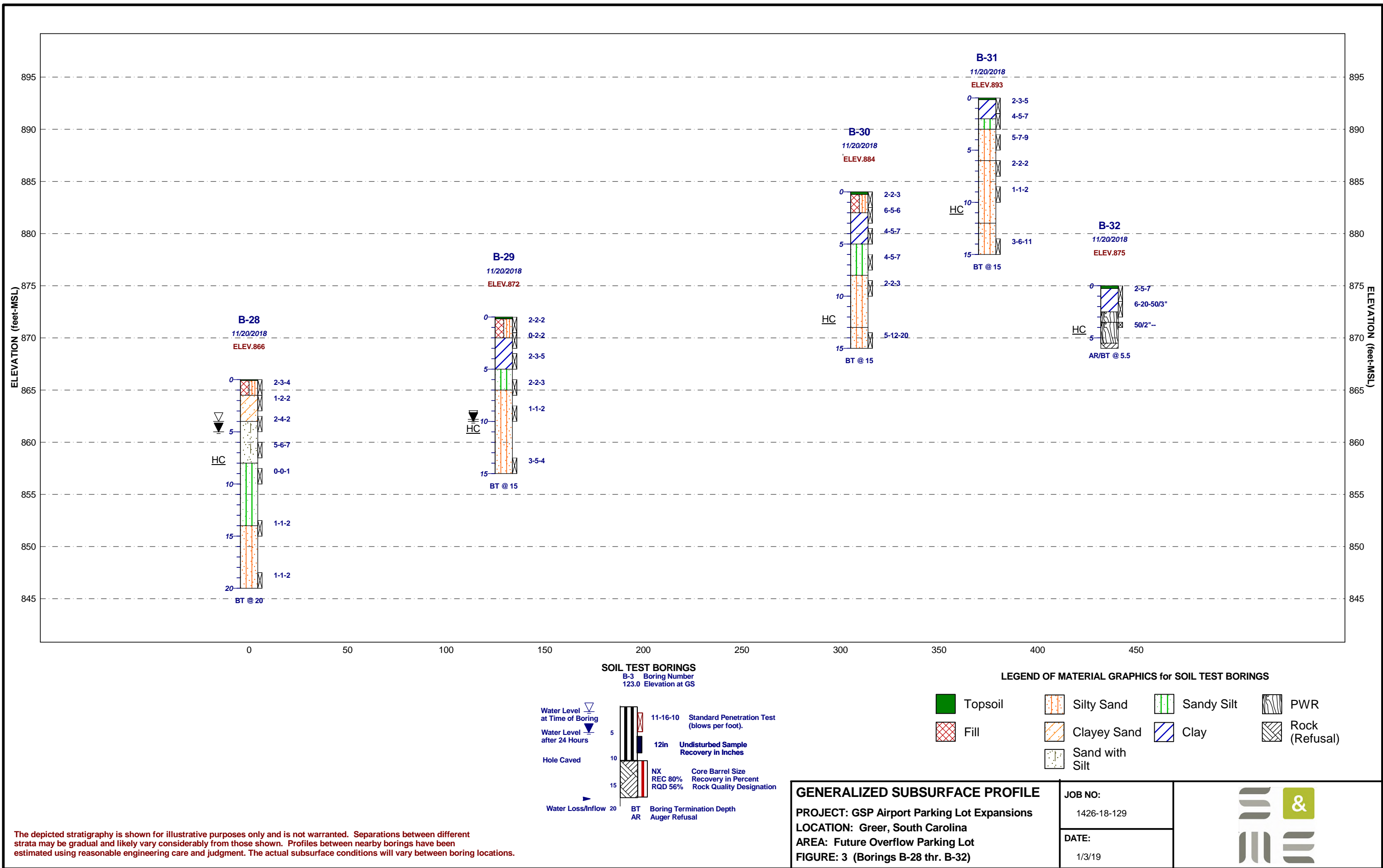


Boring Location Plan (Figure 2)

GSP Airport Parking Expansions
Borings B-28 thr. B-32













PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-01														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 936.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-5 feet.													
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 15.0 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 13'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112345		EASTING: 1633930											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●			N VALUE						
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	FINES % ▲ PL NM LL									
		TOPSOIL - 1 inch								10	20	30	40	50	60	70	80	90	
		FILL: CLAYEY SAND (SC) - loose, brown red, fine to medium, trace organics			SS-1		5	4	5										9
		RESIDUUM: SANDY CLAY (CL) - stiff, red, fine to medium, slightly micaceous			SS-2		5	6	8										14
		SANDY SILT (ML) - stiff to very stiff, red-brown, fine to medium, micaceous			SS-3		5	6	8										14
5				931.0	SS-4		4	6	12										18
		SILTY SAND (SM) - loose, red brown gray, fine to medium, trace rock fragments, slightly micaceous			SS-5		7	6	4										10
10				926.0															
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray black brown, fine to coarse, slightly moist, trace rock fragments	HC		SS-6	50/2"													>> 50/2"
15		Boring terminated at 15 feet		921.0															

NOTES:

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- BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.
- STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.
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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-02														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 932.0 ft			NOTES:													
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 6.0 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 5'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112572		EASTING: 1634011											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL		N VALUE							
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
		TOPSOIL - 4 inches																	
		FILL: CLAYEY SAND (SC) - loose, brown red, fine to medium, trace roots, few rock fragments, slightly micaceous			SS-1		2	4	3										7
		RESIDUUM: SANDY CLAY (CL) - very stiff, red black, fine to coarse, micaceous			SS-2		9	27	25										52
		SILTY SAND (SM) - very dense, tan white, fine to coarse, layers of sandy clay																	
5		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray black, fine to coarse, seams of red silty sand	HC	927.0	SS-3		5	36	50/5"										>> 50/5"
		Refusal at 6 feet Boring terminated at 6 feet																	

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-03													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 932.0 ft			NOTES: After a period of 24+ hours, we returned to measure the water level in the boring. Although we observed the water level had risen to approx. 1 ft (with a cave-in depth of 5.5 ft), it appeared the high water level was due to recent heavy rains (during/after the boring was drilled), with this inflowing water becoming perched above the caved bottom.												
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 11.0 ft															
DRILL RIG: CME 550			WATER LEVEL: 6 ft at TOB; see Notes															
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 5.5'															
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro															
SAMPLING METHOD: Split spoon						NORTHING: 1112737		EASTING: 1634122										
DRILLING METHOD: 2¼" H.S.A.																		
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲			N VALUE					
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90
		TOPSOIL - 2 inches																
		FILL: CLAYEY SAND (SC) - loose, red brown, fine to medium, trace roots, crushed stone			SS-1		2	2	42									44
		FILL: SANDY CLAY (CL) - hard, brown gray, fine to coarse, trace roots, rock fragments (amplified N value)			SS-2		31	8	10									18
		FILL: SILTY SAND (SM) - loose, brown red, fine to medium, trace roots and rock fragments																
		FILL: SANDY SILT (ML) - firm, brown red gray, fine to medium, moist, few rock fragments			SS-3		3	3	4									7
5				927.0														
		RESIDUUM: SILTY SAND (SM) - medium dense, white black, fine to coarse, moist, some rock fragments			SS-4		5	10	9									19
10		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, brown black yellow, fine to medium, moist		922.0	SS-5		2	50/5"										>> 50/5"
		Refusal at 11 feet Boring terminated at 11 feet																

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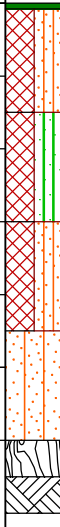






PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-04													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.0 ft			NOTES: Obtained bulk sample of auger cuttings at depth of 0-5 feet. After a period of 24+ hours, we observed the water level had risen to approx. 3 ft (with a cave-in depth of 4 ft). However, it appeared the temporarily high water level was due to recent heavy rains (during/after the boring was drilled), with this inflowing water becoming perched above the caved bottom.												
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 10.0 ft															
DRILL RIG: CME 550			WATER LEVEL: Not Encountered at TOB															
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 4'															
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro															
SAMPLING METHOD: Split spoon						NORTHING: 1112888		EASTING: 1634221										
DRILLING METHOD: 2¼" H.S.A.																		
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE					
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90
		TOPSOIL - 2 inches																
		FILL: SANDY SILT (ML) - stiff, brown red, fine to coarse, little rock fragments (possibly amplified N values), few roots in SS-1			SS-1		0	4	6									10
					SS-2		2	4	7									11
			HC		SS-3		9	14	5									19
5		RESIDUUM: SILTY SAND (SM) - medium dense, orange brown dark gray, fine to medium, trace rock fragments		925.0	SS-4		5	22	50/3"									>> 50/3"
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray, fine to medium, trace rock fragments			SS-5		50/1"											>> 50/1"
10		Boring terminated at 10 feet		920.0														

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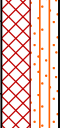






PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-05								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.5 ft			NOTES:							
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 6.5 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1113014		EASTING: 1634311					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	PL	NM	LL	
5		TOPSOIL - 1 inch			SS-1		3	5	6				11
		FILL: SILTY SAND (SM) - medium dense, brown, fine to medium, few rock fragments, trace roots in upper foot			SS-2		3	2	1				3
		FILL: SANDY SILT (ML) - soft, brown, fine to coarse, slightly moist, trace rock fragments											
		FILL: SILTY SAND (SM) - medium dense, brown red, fine to coarse, slightly moist, few rock fragments			SS-3		4	4	10				14
		RESIDUUM: SILTY SAND (SM) - medium dense, red gray white, fine to medium, seams of coarse sand, trace rock fragments											
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of difficult drilling (no recovery)			SS-4		50/1"						>> 50/1"
		Refusal at 6.5 feet Boring terminated at 6.5 feet											

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG B-06														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 932.5 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-3.5 feet.														
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 3.5 ft																	
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																	
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3'																	
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																	
SAMPLING METHOD: Split spoon																				
DRILLING METHOD: 2 1/4" H.S.A.						NORTHING: 1112422			EASTING: 1634047											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲					N VALUE					
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD											
		TOPSOIL - 3 inches																		
		FILL: SILTY SAND (SM) - medium dense, red brown gray, fine to coarse, few rock fragments, trace roots and crushed stone, layer of sandy clay at bottom			SS-1		4	5	6						11					
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray brown tan, fine to coarse, few rock fragments	<u>HC</u>		SS-2		5	8	50/5"											>> 50/5"
		Refusal at 3.5 feet Boring terminated at 3.5 feet			SS-3		50/1"													

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-07								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.0 ft			NOTES:							
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 10.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3.4'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112593		EASTING: 1634157					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90			N VALUE
		TOPSOIL - 2 inches											
		FILL: SANDY SILT (ML) - firm to stiff, brown red gray, fine to coarse, trace rock fragments and crushed stone, slightly micaceous, layer of silty sand			SS-1		2	2	3				5
					SS-2		4	4	6				10
		RESIDUUM: SILTY SAND (SM) - loose, moist, brown, tan to black, fine to medium	HC		SS-3		2	2	4				6
5				925.0	SS-4		1	3	3				6
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, black gray, fine to coarse, trace rock fragments			SS-5	50/5"							>> 50/5"
10				920.0									
		Boring terminated at 10 feet											

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PROJECT: <div>GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129</div>					BORING LOG B-08								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.0 ft			NOTES: Obtained bulk sample of auger cuttings at depth of 0-5 feet. After a period of 24+ hours, we observed the water level had risen to approx. 2.7 ft (with a cave-in depth of 3 ft). However, it appeared the temporarily high water level was due to recent heavy rains (during/after the boring was drilled), with this inflowing water becoming perched above the caved bottom.							
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 10.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered at TOB										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon						NORTHING: 1112760		EASTING: 1634264					
DRILLING METHOD: 2¼" H.S.A.													
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90			N VALUE
		TOPSOIL - 2 inches					1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD				
		FILL: SILTY SAND (SM) - loose, brown red, fine to medium, trace roots and rock fragments, layer of sandy silt with clay in SS-2			SS-1		2	3	6				9
					SS-2		2	2	3				5
		RESIDUUM: SANDY SILT (ML) - stiff, red yellow, fine to coarse	HC		SS-3		4	5	5				10
5				925.0									
		SILTY SAND (SM) - very loose to medium dense, tan brown gray, fine to medium, moist, rock fragments at bottom of SS-5			SS-4		0	1	1				2
					SS-5		1	2	11				13
10		Boring terminated at 10 feet		920.0									

NOTES:

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3. STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.
4. WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-09								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.0 ft			NOTES: After a period of 24+ hours, we returned to measure the water level in the boring. Although we observed the water level had risen to approx. 3.4 ft (with a cave-in depth of 3.5 ft), it appeared the high water level was due to recent heavy rains (during/after the boring was drilled), with this inflowing water becoming perched above the caved bottom.							
DATE DRILLED: 11/14/18 - 11/14/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered at TOB										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3.5'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon						NORTHING: 1112906		EASTING: 1634359					
DRILLING METHOD: 2¼" H.S.A.													
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90			N VALUE
		TOPSOIL - 3 inches					1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD				
		FILL: SANDY SILT (ML) - soft, brown red, fine to medium, moist, trace rock fragments			SS-1		0	2	2				4
					SS-2		2	1	2				3
		FILL: SILTY SAND (SM) - medium dense, gray brown red, fine to medium, trace rock fragments and organics	HC		SS-3		5	6	6				12
5				925.0									
		RESIDUUM: SILTY SAND (SM) - medium dense, red brown white, fine to coarse, slightly moist, few rock fragments			SS-4		2	6	5				11
					SS-5		2	3	3				6
10		SILTY SAND (SM) - loose, moist, brown, black to gray, fine to medium		920.0									
					SS-6		5	5	3				8
15		Boring terminated at 15 feet		915.0									

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG B-10								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 929.0 ft			NOTES:								
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 2.0 ft											
DRILL RIG: CME 550			WATER LEVEL: Not Encountered											
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 1'											
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro											
SAMPLING METHOD: Split spoon														
DRILLING METHOD: 2 1/4" H.S.A.						NORTHING: 1112465		EASTING: 1634175						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE	
		TOPSOIL - 2 inches FILL: CLAYEY SAND (SC) - loose, brown red, fine to medium, moist, trace roots and rock fragments RESIDUUM: SANDY SILT (ML) - stiff, red black, fine to medium, moist PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, gray black, fine to coarse, some rock fragments Refusal at 2 feet Boring terminated at 2 feet												
					SS-1		0	4	5					9
					SS-2		50/2"						>>	50/2"

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG B-11									
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 927.0 ft			NOTES:									
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 2.0 ft												
DRILL RIG: CME 550			WATER LEVEL: Not Encountered												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 1.5'												
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro												
SAMPLING METHOD: Split spoon															
DRILLING METHOD: 2 1/4" H.S.A.						NORTHING: 1112613			EASTING: 1634302						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div>					N VALUE
		TOPSOIL - 2 inches FILL: SANDY SILT (ML) - stiff, moist, brown-red, fine to medium, few roots RESIDUUM: SILTY SAND (SM) - medium dense, red yellow, fine, slightly moist PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, white gray, fine to coarse, nearly dry, some rock fragments Refusal at 2 feet Boring terminated at 2 feet													
					SS-1		2	5	8						
					SS-2		50/1"								

NOTES:

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4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-12								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 930.0 ft			NOTES: After a period of 24+ hours, we returned to measure the water level in the boring. Although we observed the water level had risen to approx. 2.5 ft (with a cave-in depth of 4 ft), it appeared the high water level was due to recent heavy rains (during/after the boring was drilled), with this inflowing water becoming perched above the caved bottom.							
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered at TOB										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3.8'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112765		EASTING: 1634401					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
		TOPSOIL - 2 inches											
		FILL: SILTY SAND (SM) - very loose to loose, red brown, fine to coarse, moist, few rock fragments			SS-1		1	2	2				4
					SS-2		1	2	3				5
5		RESIDUUM: SANDY CLAY (CL) - very stiff to stiff, red yellow, fine to medium, some silt	HC	925.0	SS-3		4	6	10				16
					SS-4		6	6	6				12
		SANDY SILT (ML) - firm, red, light tan, fine to medium			SS-5		3	2	4				6
10		SILTY SAND (SM) - loose to medium dense, black white brown, fine to coarse, few rock fragments		920.0									
					SS-6		4	3	12				15
15		Boring terminated at 15 feet		915.0									

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-13								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 929.0 ft		NOTES:								
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 12.8'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2 1/4" H.S.A.					NORTHING: 1112925		EASTING: 1634501						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	FINES % ▲ PL NM LL 10 50 70 90			
		TOPSOIL - 1 inch											
		FILL: SILTY SAND (SM) - loose, brown red, fine to coarse, slightly moist, trace roots, slightly micaceous			SS-1		3	5	5				10
					SS-2		3	2	3				5
		FILL: SANDY SILT (ML) - soft to firm, olive red, fine to coarse, moist, trace rock fragments											
					SS-3		2	2	2				4
5				924.0									
					SS-4		2	2	3				5
		RESIDUUM: SILTY SAND (SM) - medium dense, gray red, fine to medium, trace rock fragments, layer of sandy silt			SS-5		2	6	17				23
10				919.0									
		SANDY SILT (ML) - stiff, red tan, fine											
			<u>HC</u>										
					SS-6		3	6	6				12
15				914.0									
		Boring terminated at 15 feet											

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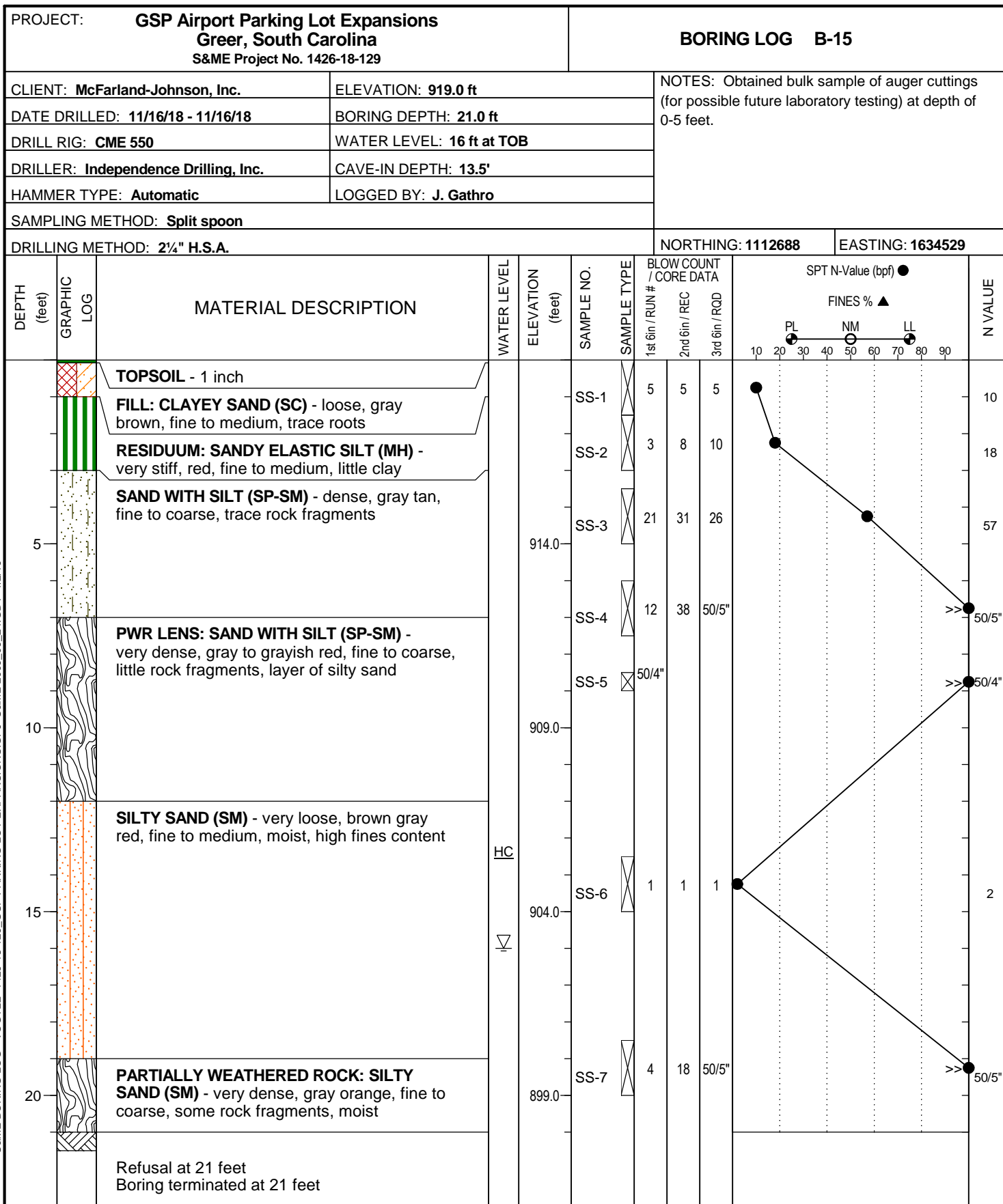


PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-14													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 921.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-5 feet.												
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 13.0 ft															
DRILL RIG: CME 550			WATER LEVEL: 9 ft at TOB; 7.5 ft at 24 hrs															
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 9'															
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro															
SAMPLING METHOD: Split spoon																		
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112506		EASTING: 1634411										
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE					
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90
		TOPSOIL - 3 inches																
		RESIDUUM: CLAY WITH SAND (CL) - firm, red yellow, fine to medium, layer of clayey sand below topsoil, trace silt			SS-1		2	4	3									7
					SS-2		2	5	6									11
		SILTY SAND (SM) - medium dense to loose, red tan, fine to medium, micaceous, moist in SS-4			SS-3		2	4	7									11
5				916.0														
		SILTY SAND (SM) - very dense, gray white, fine to medium, seams of coarse sand, few rock fragments			SS-4		3	4	5									9
		SILTY SAND (SM) - very dense, gray white, fine to medium, seams of coarse sand, few rock fragments			SS-5		40	33	19									52
10				911.0														
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of difficult drilling																
		Refusal at 13 feet Boring terminated at 13 feet																

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-16														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 913.0 ft			NOTES:													
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 12.0 ft																
DRILL RIG: CME 550			WATER LEVEL: 10 ft at TOB																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112866		EASTING: 1634641											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE						
		TOPSOIL - 2 inches					1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
		RESIDUUM: ELASTIC SILT WITH SAND (MH) - soft to stiff, brownish red, fine, wet to very moist, micaceous			SS-1		2	1	1										2
					SS-2		4	6	8										14
5		SILTY SAND (SM) - medium dense, reddish yellow light grayish brown, fine to medium, slightly moist		908.0	SS-3		9	7	9										16
		SILTY SAND (SM) - very loose, brown light gray, fine, very moist to moist, slightly micaceous, trace clay and silt seams			SS-4		2	1	3										4
10					SS-5		1	1	3										4
		PARTIALLY WEATHERED ROCK - Based on observed rate of difficult drilling (no sample)																	
		Refusal at 12 feet Boring terminated at 12 feet																	

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG B-17									
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 905.0 ft			NOTES:									
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 3.0 ft												
DRILL RIG: CME 550			WATER LEVEL: Not Encountered												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A												
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro												
SAMPLING METHOD: Split spoon															
DRILLING METHOD: 2 1/4" H.S.A.						NORTHING: 1113028			EASTING: 1634784						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div> <div style="text-align: center;"> </div>					N VALUE
		TOPSOIL - 1 inch FILL: CLAYEY SAND (SC) - dense, brown red gray, fine to coarse, layer of sand and rock fragments between 6 and 12 inches depth PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, orange dark gray, fine to coarse, some rock fragments			SS-1		9	19	16	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 1px solid black;"></div> <div style="position: absolute; bottom: 0; left: 0; right: 0; border-top: 1px solid black;"></div> </div>					35
		Refusal at 3 feet Boring terminated at 3 feet			SS-2		3	50/2"		<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 1px solid black;"></div> <div style="position: absolute; bottom: 0; left: 0; right: 0; border-top: 1px solid black;"></div> </div>					50/2"

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-18								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 908.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-7 feet.							
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 10.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 8'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112551		EASTING: 1634561					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	FINES % ▲ PL NM LL			
		TOPSOIL - 2 inches								10	20	30	
		FILL: SANDY ELASTIC SILT (MH) - stiff, brownish red, fine, moist, trace gravel and roots			SS-1		3	5	6				11
		TOPSOIL: SILTY SAND (SM) - loose, brown, fine to coarse, wet			SS-2		3	1	2				3
		RESIDUUM: ELASTIC SILT (MH) - soft, brownish red, very moist, micaceous											
5		SILTY SAND (SM) - medium dense, reddish brown yellowish brown gray, fine, moist, micaceous to slightly micaceous		903.0	SS-3		5	7	6				13
					SS-4		3	5	7				12
			HC										
		PARTIALLY WEATHERED ROCK: SAND (SM) - very dense, gray, fine to coarse, with rock fragments		898.0	SS-5		4	50/3"					>> 50/3"
10		Refusal at 10 feet Boring terminated at 10 feet											

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-19								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 909.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-7 feet.							
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 13.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 9.5'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112732		EASTING: 1634679					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD				
		TOPSOIL - 2 inches											
		RESIDUUM: ELASTIC SILT (MH) - stiff to very stiff, brownish red, moist, micaceous			SS-1		4	6	7				13
					SS-2		4	7	10				17
5		SILTY SAND (SM) - medium dense, brown gray yellow, fine to medium, moist, micaceous		904.0	SS-3		4	10	11				21
		SILTY SAND (SM) - medium dense, brown gray, fine, moist to very moist, micaceous, with trace coarse sand and silt seams			SS-4		5	7	6				13
10			HC	899.0	SS-5		3	4	7				11
		PARTIALLY WEATHERED ROCK - very dense, based on rate of difficult drilling											
		Refusal at 13 feet Boring terminated at 13 feet											

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-20							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 902.0 ft			NOTES:						
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 10.0 ft									
DRILL RIG: CME 550			WATER LEVEL: Not Encountered									
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 6.5'									
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro									
SAMPLING METHOD: Split spoon												
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112864		EASTING: 1634784				
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90		N VALUE
		TOPSOIL - 2 inches RESIDUUM: CLAY WITH SAND (CL) - stiff, red, fine to medium, trace roots SANDY SILT (ML) - stiff, red, fine to medium, slightly micaceous SILTY SAND (SM) - medium dense to loose, yellow-red, brown, white, fine to coarse, layers of sandy silt, seams of rock fragments in SS-2 and at bottom of SS-3			SS-1		2	2	7		9	
					SS-2		3	5	7		12	
					SS-3		2	4	6		10	
5				897.0								
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, white gray, fine to coarse, few rock fragments	<u>HC</u>		SS-4		2	6	50/2"		>> 50/2"	
		PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, gray white, yellow-brown, fine to coarse, some rock fragments, layers of silty sand			SS-5		7	18	50/5"		>> 50/5"	
10				892.0								
		Boring terminated at 10 feet										

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-21														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 907.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-8 feet.													
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 16.0 ft																
DRILL RIG: CME 550			WATER LEVEL: 10 ft at TOB																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 10.3'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112385		EASTING: 1634598											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE						
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	10	20	30	40	50	60	70	80	90	
		TOPSOIL - 3 inches																	
		RESIDUUM: CLAY WITH SAND (CL) - stiff, red brown, fine to medium, slightly moist, slightly micaceous, trace roots			SS-1		3	4	5										9
		SANDY SILT (ML) - very stiff, red, fine to medium, micaceous			SS-2		2	3	21										24
5		SILTY SAND (SM) - medium dense, red brown gray, fine to coarse, few rock fragments, seams of coarse sand in SS-4		902.0	SS-3		4	6	10										16
					SS-4		3	6	9										15
10		SANDY SILT (ML) - firm, red brown white, fine to medium, moist	 HC	897.0	SS-5		2	3	4										7
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, dark gray tan, fine to coarse, wet, few rock fragments		892.0	SS-6		2	9	50/3"									>>	50/3"
15		Refusal at 16 feet Boring terminated at 16 feet																	

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PROJECT: <div>GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129</div>					BORING LOG B-22														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 898.0 ft			NOTES:													
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 6.5 ft																
DRILL RIG: CME 550			WATER LEVEL: 3 ft at TOB; 3 ft at 24 hrs																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3.5'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112575		EASTING: 1634727											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE						
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
		TOPSOIL - 1 inch																	
		ALLUVIUM: CLAYEY SAND (SC) - very loose, brown red tan, fine to medium, trace roots in SS-1, wet in SS-2			SS-1		1	1	2										3
					SS-2		0	0	1										1
		RESIDUUM: SANDY CLAY (CL) - firm, yellowish red, fine to medium, moist																	
5		RESIDUUM: SANDY CLAY (CL) - firm, yellowish red, fine to medium, moist			SS-3		1	1	4										5
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray, fine to coarse, some rock fragments																	
		Refusal at 6.5 feet Boring terminated at 6.5 feet																	

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PROJECT: <div>GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129</div>					BORING LOG B-23														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 900.0 ft			NOTES:													
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 5.5 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 3.5'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112742		EASTING: 1634831											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL		N VALUE							
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
		TOPSOIL - 1 inch																	
		RESIDUUM: CLAY WITH SAND (CL) - stiff, red, fine to medium, trace roots			SS-1		2	4	7										11
		SAND WITH SILT (SP-SM) - dense, red white gray, fine to coarse, some rock fragments, layers of red silt			SS-2		13	19	23										42
		PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, gray red tan, fine to coarse, some rock fragments	HC		SS-3		17	29	50/4"										>> 50/4"
5		Refusal at 5.5 feet Boring terminated at 5.5 feet		895.0															

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PROJECT: <div>GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129</div>					BORING LOG B-24								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 891.0 ft			NOTES:							
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 7.0 ft										
DRILL RIG: CME 550			WATER LEVEL: 3 ft at TOB; 3.7 ft at 24 hrs										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 4'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112915		EASTING: 1634941					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90			N VALUE
		TOPSOIL - 2 inches					1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
		ALLUVIUM: SANDY CLAY (CL) - soft, red brown, fine to medium, trace roots			SS-1		1	1	2				3
		ALLUVIUM: SANDY CLAY (CL) - very soft to firm, light gray dark gray tan, fine, moist to wet, layers of fine to medium clayey sand in SS-1 and SS-2, trace roots and organics			SS-2		1	1	1				2
		ALLUVIUM: SAND WITH SILT (SP-SM) - loose, gray tan, fine to medium, few rock fragments		886.0	SS-3		0	5	3				8
		PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, gray yellow, fine to coarse, few rock fragments			SS-4	50/5"							>> 50/5"
		Refusal at 7 feet Boring terminated at 7 feet											

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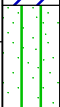

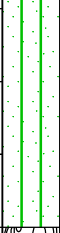






PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-25														
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 901.0 ft			NOTES: Obtained bulk sample of auger cuttings (for possible future laboratory testing) at depth of 0-5 feet.													
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 6.0 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 4'																
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro																
SAMPLING METHOD: Split spoon																			
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112418		EASTING: 1634774											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE						
		TOPSOIL - 1 inch					1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	10	20	30	40	50	60	70	80	90	
		RESIDUUM: ELASTIC SILT (MH) - soft, red, slightly micaceous			SS-1		2	2	2										4
		SILTY SAND (SM) - medium dense to dense, gray tan, fine to coarse, few rock fragments, slightly micaceous			SS-2		5	10	11										21
			<u>HC</u>		SS-3		7	16	21										37
5				896.0															
		Refusal at 6 feet Boring terminated at 6 feet																	

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-26							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 892.0 ft			NOTES:						
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 7.0 ft									
DRILL RIG: CME 550			WATER LEVEL: 5.5 ft at TOB; 5.3 ft at 24 hrs									
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 5.6'									
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro									
SAMPLING METHOD: Split spoon												
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112596		EASTING: 1634893				
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL		N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10 20 30 40 50 60 70 80 90		
		TOPSOIL - 1 inch			SS-1		2	2	4	●	6	
		RESIDUUM: CLAY (CL) - firm, red, slightly micaceous			SS-2		2	4	8	●	12	
		SANDY SILT (ML) - stiff, red dark gray, fine to medium, micaceous, bands of dark gray, tan medium to coarse sand in SS-3			SS-3		4	6	8	●	14	
5				887.0								
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, dark gray white, fine to coarse, some rock fragments			SS-4		12	50/1"		●	>> 50/1"	
		Refusal at 7 feet Boring terminated at 7 feet										

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-27								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 887.0 ft			NOTES:							
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 10.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 7'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1112763		EASTING: 1635002					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90			N VALUE
		TOPSOIL - 2 inches											
		RESIDUUM: SILT WITH SAND (ML) - firm, red, fine to medium, slightly micaceous, trace roots, some clay in upper foot, seams of coarse sand with trace rock fragments in SS-2			SS-1		1	2	3	●			5
					SS-2		2	4	4	●			8
		SILTY SAND (SM) - loose, red brown, fine to medium, trace rock fragments, micaceous, slightly moist in SS-4			SS-3		2	3	4	●			7
5				882.0									
			<u>HC</u>		SS-4		1	2	3	●			5
		SILT WITH SAND (ML) - firm, moist, red, yellow-brown, fine, micaceous, layer of fine to coarse silty sand with rock fragments in bottom 3 inches			SS-5		1	2	5	●			7
10				877.0									
		Boring terminated at 10 feet											

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-28										
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 866.0 ft			NOTES:									
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 20.0 ft												
DRILL RIG: CME 550			WATER LEVEL: 4 ft at TOB; 5 ft at 24 hrs												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 8'												
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro												
SAMPLING METHOD: Split spoon															
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1113743		EASTING: 1635881							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf)					N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	PL	NM	LL			
		TOPSOIL - 1 inch			SS-1	X	2	3	4					7	
		FILL: SILTY SAND (SM) - loose, red gray brown, fine to coarse, trace organics, some clay			SS-2	X	1	2	2					4	
		ALLUVIUM: CLAYEY SAND (SC) - very loose, light brown to gray, fine, trace roots			SS-3	X	2	4	2					6	
5		ALLUVIUM: SAND WITH SILT (SP-SM) - loose to medium dense, gray tan, fine to medium, moist to wet, few rock fragments in SS-4 (likely amplified N value)		861.0	SS-4	X	5	6	7					13	
		ALLUVIUM: SANDY SILT (ML) - very soft, gray, fine, moist to wet, micaceous	HC		SS-5	X	0	0	1					1	
10															
		RESIDUUM: SILTY SAND (SM) - very loose, wet, olive-brown, tan, fine to medium, micaceous		851.0	SS-6	X	1	1	2					3	
15															
20		Boring terminated at 20 feet		846.0	SS-7	X	1	1	2					3	

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-29								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 872.0 ft			NOTES:							
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: 9.8 ft at TOB; 10 ft at 24 hrs										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 11'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.						NORTHING: 1113883		EASTING: 1635934					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf)			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	PL	NM	LL	
		TOPSOIL - 2 inches											
		FILL: SILTY SAND (SM) - very loose, red brown black, fine to medium, trace rock fragments, trace roots and organics			SS-1		2	2	2				4
		RESIDUUM: CLAY WITH SAND (CL) - soft to firm, red, fine, trace rock fragments			SS-2		0	2	2				4
5		SANDY SILT (ML) - firm, yellow red, fine to coarse, moist, trace rock fragments		867.0	SS-3		2	3	5				8
		SILTY SAND (SM) - very loose to loose, dark gray red, fine to coarse, some rock fragments at top of stratum			SS-4		2	2	3				5
10				862.0	SS-5		1	1	2				3
					SS-6		3	5	4				9
15		Boring terminated at 15 feet		857.0									

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-30								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 884.0 ft		NOTES:								
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 12.5'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.					NORTHING: 1114019		EASTING: 1636056						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	FINES % ▲ PL NM LL			
		TOPSOIL - 3 inches								10	20	30	
		FILL: SILTY SAND (SM) - loose, brown red gray, fine to medium, trace roots, layer of coarse sand and rock fragments			SS-1		2	2	3				5
		RESIDUUM: CLAY WITH SAND (CL) - stiff, red, fine to medium, slightly micaceous			SS-2		6	5	6				11
					SS-3		4	5	7				12
5		SANDY SILT (ML) - stiff, orangish-red, fine to medium, micaceous		879.0	SS-4		4	5	7				12
		SILTY SAND (SM) - loose, red gray light tan, fine to medium, seams of coarse sand and rock fragments			SS-5		2	2	3				5
10				874.0									
		SILTY SAND (SM) - dense, gray brown white, fine to coarse, some rock fragments			SS-6		5	12	20				32
15		Boring terminated at 15 feet		869.0									

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-31								
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 893.0 ft		NOTES:								
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 11'										
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro										
SAMPLING METHOD: Split spoon													
DRILLING METHOD: 2¼" H.S.A.					NORTHING: 1114178		EASTING: 1636011						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●		FINES % ▲	N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
		TOPSOIL - 2 inches											
		RESIDUUM: CLAY WITH SAND (CL) - firm, red, fine, trace roots, slightly micaceous			SS-1		2	3	5				8
		SANDY SILT (ML) - stiff, red, yellow-tan, fine to medium, slightly micaceous, seams of rock fragments			SS-2		4	5	7				12
		SILTY SAND (SM) - medium dense, red brown, fine to coarse			SS-3		5	7	9				16
5				888.0									
		SILTY SAND (SM) - very loose, red brown gray, fine, slightly micaceous, slightly moist in SS-5			SS-4		2	2	2				4
					SS-5		1	1	2				3
10				883.0									
		SILTY SAND (SM) - medium dense, gray yellow white			SS-6		3	6	11				17
15		Boring terminated at 15 feet		878.0									

NOTES:

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- STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.
- WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.



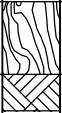
PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129					BORING LOG B-32				
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 875.0 ft			NOTES:			
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 5.5 ft						
DRILL RIG: CME 550			WATER LEVEL: Not Encountered						
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 4.5'						
HAMMER TYPE: Automatic			LOGGED BY: J. Gathro						
SAMPLING METHOD: Split spoon									
DRILLING METHOD: 2 1/4" H.S.A.						NORTHING: 1114034		EASTING: 1636207	

DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL					N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD						
		TOPSOIL - 3 inches													
		RESIDUUM: CLAY WITH SAND (CL) - stiff, red, fine, slightly micaceous, trace silt			SS-1		2	5	7						12
		PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - very dense, gray red white, fine to coarse, some rock fragments			SS-2		6	20	50/3"					>>	50/3"
		PARTIALLY WEATHERED ROCK: SAND WITH SILT (SP-SM) - very dense, gray white, fine to coarse, some rock fragments			SS-3		50/2"							>>	50/2"
5		Refusal at 5.5 feet Boring terminated at 5.5 feet	HC	870.0											

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-33							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 933.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 5.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 2'										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112457		EASTING: 1633976					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE
		Auger boring through soil (no SPT sampling)					1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
			HC										
5		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 5 feet Boring terminated at 5 feet		928.0									

NOTES:

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-34									
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 932.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.									
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 9.0 ft												
DRILL RIG: CME 550			WATER LEVEL: 5.8 ft after 24 hrs (see B-3 Note)												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 7.5'												
HAMMER TYPE: N/A			LOGGED BY: J. Gathro												
SAMPLING METHOD: (No Sampling)															
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112512			EASTING: 1634097						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲					N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	<div style="display: flex; justify-content: space-between; width: 100%;"> 102030405060708090 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> PL ●NM ○LL ● </div>					
5		Auger boring through soil (no SPT sampling)		927.0											
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling													
		Refusal at 9 feet Boring terminated at 9 feet													

NOTES:

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-35					
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 932.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.					
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 1.5 ft								
DRILL RIG: CME 550			WATER LEVEL: Not Encountered								
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 1'								
HAMMER TYPE: N/A			LOGGED BY: J. Gathro								
SAMPLING METHOD: (No Sampling)											
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112674		EASTING: 1634212			
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ●	N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	PL ● NM ○ LL ● FINES % ▲	
		Auger boring through soil (no SPT sampling)									
		Refusal at 1.5 feet Boring terminated at 1.5 feet									

NOTES:

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-36							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 933.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/15/18 - 11/15/18			BORING DEPTH: 2.5 ft										
DRILL RIG: CME 550			WATER LEVEL: 2 ft after 24 hrs (see B-3 Note)										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112708			EASTING: 1634195				
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲ PL NM LL			N VALUE
		Auger boring through soil (no SPT sampling)					1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling	▼										
		Refusal at 2.5 feet Boring terminated at 2.5 feet											

NOTES:


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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-38													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 920.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.													
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 6.0 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A																
HAMMER TYPE: N/A			LOGGED BY: J. Gathro																
SAMPLING METHOD: (No Sampling)																			
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112606		EASTING: 1634448											
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲			N VALUE						
		Auger boring through soil (no SPT sampling)					1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
5		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling		915.0															
		Refusal at 6 feet Boring terminated at 6 feet																	

NOTES:

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-39													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 916.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.													
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 8.0 ft																
DRILL RIG: CME 550			WATER LEVEL: Not Encountered																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A																
HAMMER TYPE: N/A			LOGGED BY: J. Gathro																
SAMPLING METHOD: (No Sampling)																			
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112606			EASTING: 1634487										
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲			N VALUE						
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	10	20	30	40	50	60	70	80	90	
5		Auger boring through soil (no SPT sampling)		911.0															
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling																	
		Refusal at 8 feet Boring terminated at 8 feet																	

NOTES:

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-40									
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 916.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.									
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 20.0 ft												
DRILL RIG: CME 550			WATER LEVEL: 16 ft at TOB; 16 ft at 24 hrs												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 17'												
HAMMER TYPE: N/A			LOGGED BY: J. Gathro												
SAMPLING METHOD: (No Sampling)															
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112773			EASTING: 1634589						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div>					N VALUE
5		Auger boring through soil (no SPT sampling)		911.0											
10		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling - - - Seam of softer material at 12 ft		906.0											
15			901.0												
20			896.0												
		Refusal at 20 feet Boring terminated at 20 feet													

NOTES:

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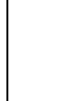


PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-41							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 906.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/16/18 - 11/16/18			BORING DEPTH: 5.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: N/A										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112634		EASTING: 1634613					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div>			N VALUE
		Auger boring through soil (no SPT sampling)					1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD				
5		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 5 feet Boring terminated at 5 feet		901.0									

NOTES:

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-42							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 906.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/19/18 - 11/19/18			BORING DEPTH: 15.0 ft										
DRILL RIG: CME 550			WATER LEVEL: 8.5 ft at TOB; 9 ft at 24 hrs										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 11'										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112803		EASTING: 1634731					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD				
5		Auger boring through soil (no SPT sampling)		901.0									
10		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling	▽ ▼	896.0									
15		Refusal at 15 feet Boring terminated at 15 feet	HC	891.0									

NOTES:

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-43							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 911.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 6.0 ft										
DRILL RIG: CME 550			WATER LEVEL: Not Encountered										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 5'										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112952		EASTING: 1634705					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div>			N VALUE
		Auger boring through soil (no SPT sampling)					1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD				
5		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling	HC	906.0									
		Refusal at 6 feet Boring terminated at 6 feet											

NOTES:

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**





PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-44							
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 902.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.							
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 9.0 ft										
DRILL RIG: CME 550			WATER LEVEL: 6 ft after 24 hrs										
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 6.3'										
HAMMER TYPE: N/A			LOGGED BY: J. Gathro										
SAMPLING METHOD: (No Sampling)													
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112665		EASTING: 1634758					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf)			N VALUE
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	PL ● NM ○ LL ● FINES % ▲			
5		Auger boring through soil (no SPT sampling)		897.0									
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling											
		Refusal at 9 feet Boring terminated at 9 feet											

NOTES:

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2. **BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.**
3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**



PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-45													
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 906.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.													
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 20.0 ft																
DRILL RIG: CME 550			WATER LEVEL: 8.5 ft at TOB; 3.5 ft at 24 hrs																
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 7.5'																
HAMMER TYPE: N/A			LOGGED BY: J. Gathro																
SAMPLING METHOD: (No Sampling)																			
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112467			EASTING: 1634576										
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			SPT N-Value (bpf) ● FINES % ▲			N VALUE						
							1st 6in / RUN #	2nd 6in / REC	3rd 6in / ROD	10	20	30	40	50	60	70	80	90	
5		Auger boring through soil (no SPT sampling)	▼	901.0															
			HC																
10			▽	896.0															
15				891.0															
		PWR LENS																	
		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling																	
20		Boring terminated at 20 feet		886.0															

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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129						BORING LOG S-46									
CLIENT: McFarland-Johnson, Inc.			ELEVATION: 901.0 ft			NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental exploration). Material consistency data (depth to PWR and auger refusal) was based on observed rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal at this location was likely caused by mass rock.									
DATE DRILLED: 11/20/18 - 11/20/18			BORING DEPTH: 11.0 ft												
DRILL RIG: CME 550			WATER LEVEL: 10 ft at TOB; 8.2 ft at 24 hrs												
DRILLER: Independence Drilling, Inc.			CAVE-IN DEPTH: 9.5'												
HAMMER TYPE: N/A			LOGGED BY: J. Gathro												
SAMPLING METHOD: (No Sampling)															
DRILLING METHOD: 2 1/4" H.S.A. Auger Boring						NORTHING: 1112400			EASTING: 1634686						
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW COUNT / CORE DATA			<div style="text-align: center;"> SPT N-Value (bpf) ● FINES % ▲ PL NM LL </div> <div style="text-align: center;"> </div>					N VALUE
5		Auger boring through soil (no SPT sampling)		896.0											
10		PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling	▼ HC	891.0											
		Refusal at 11 feet Boring terminated at 11 feet													

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3. **STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.**
4. **WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.**

