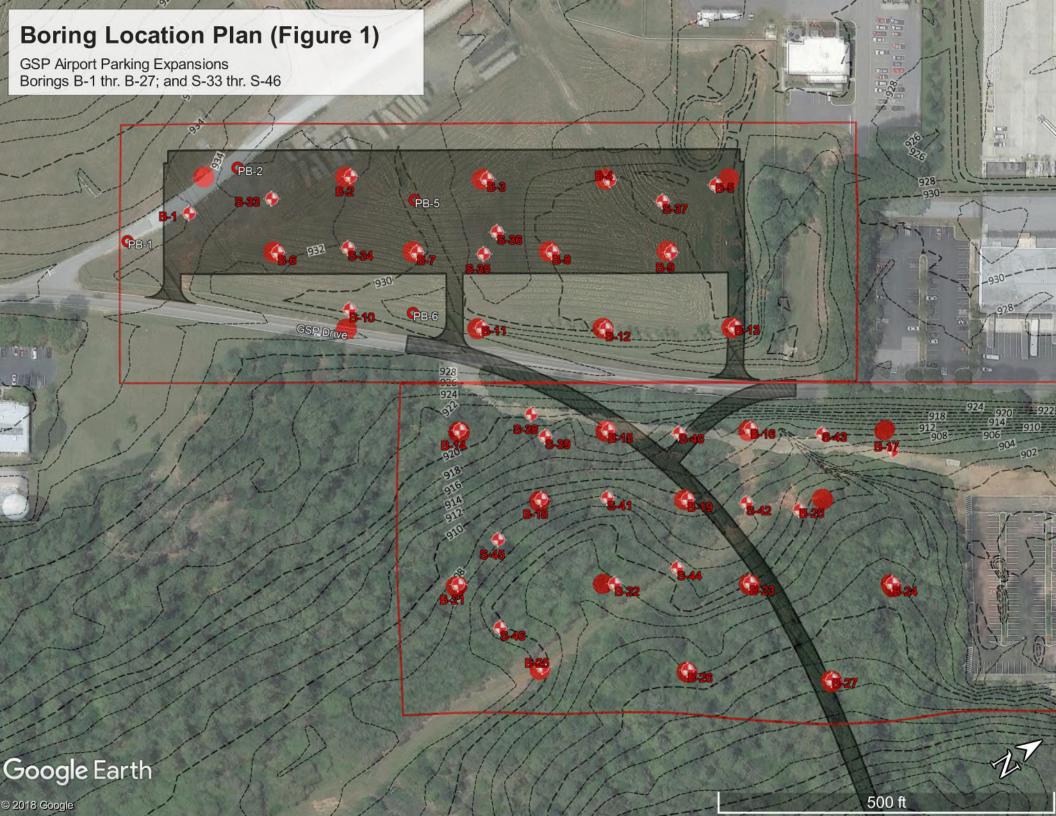
Boring Summary

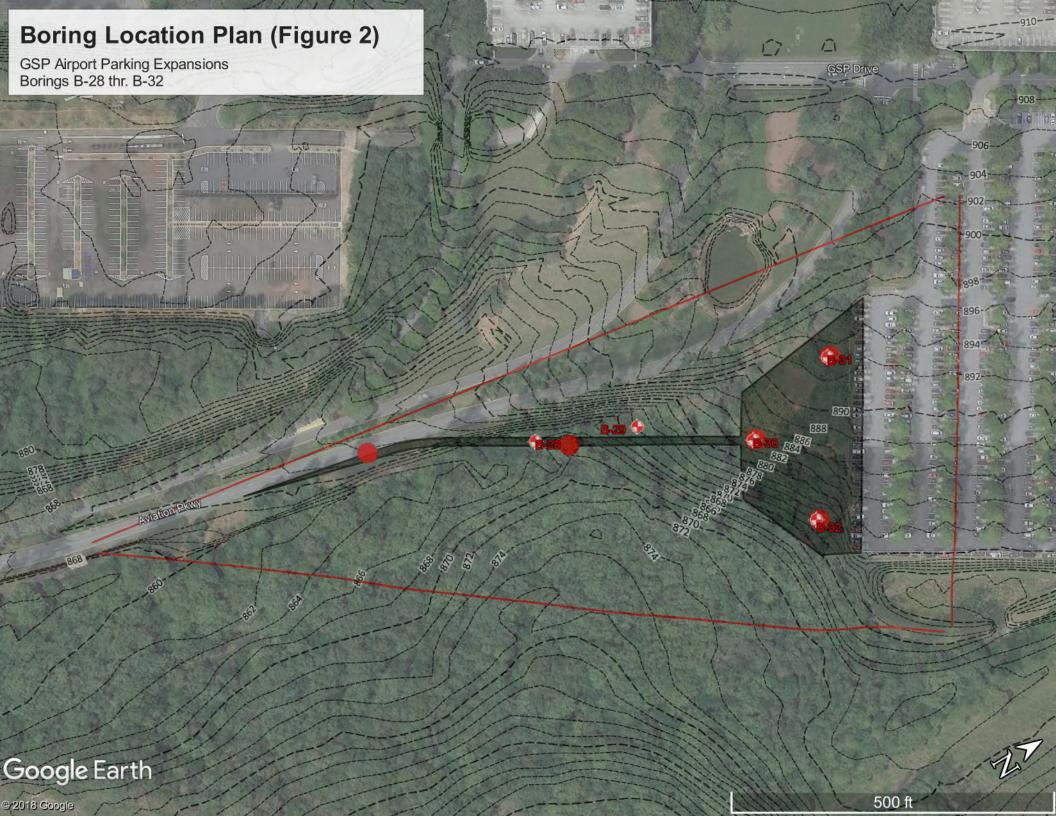
GSP Airport Parking Lot Expansions (#1426-18-129)

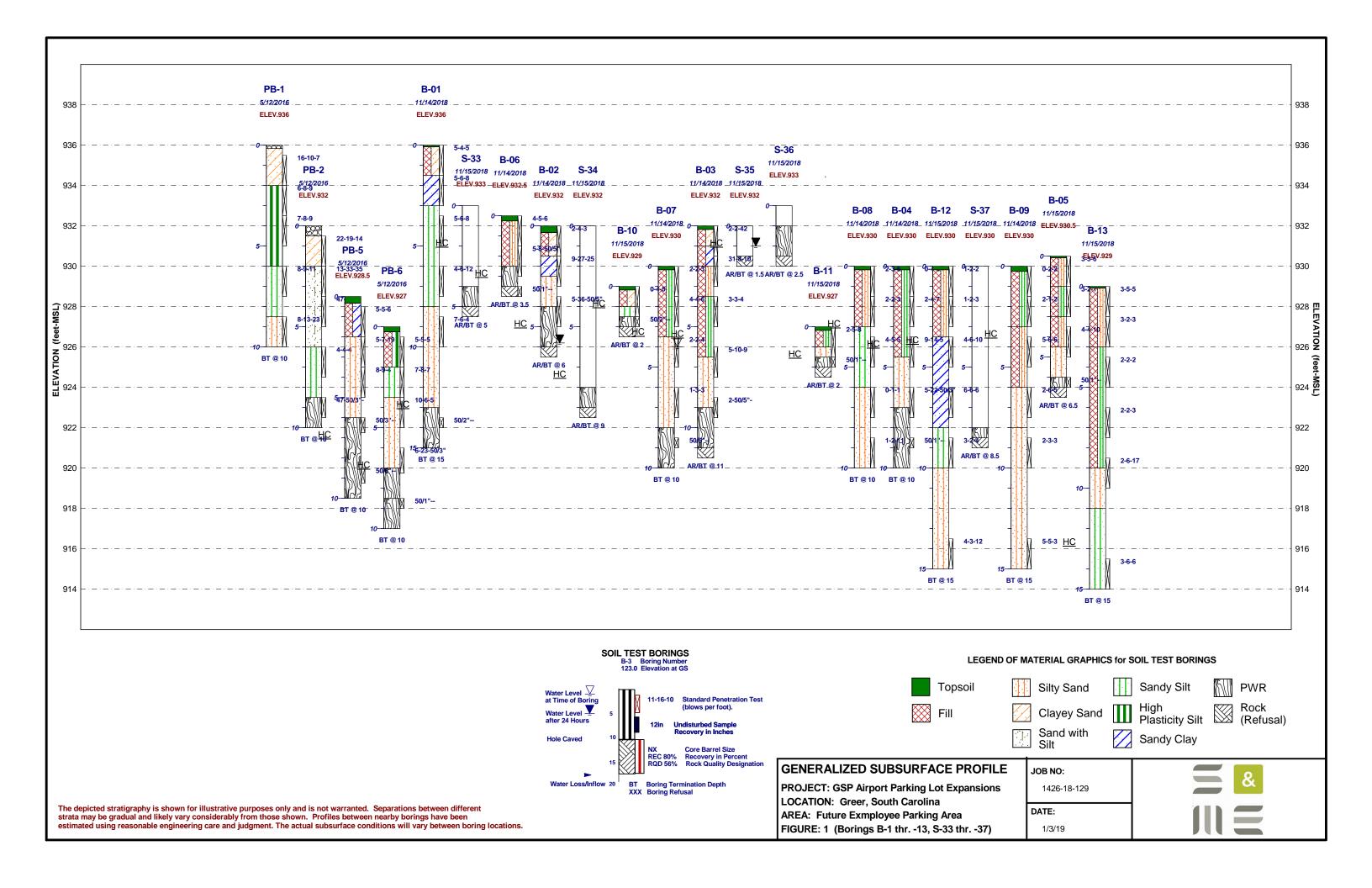
Last Updated: 11/26/2018

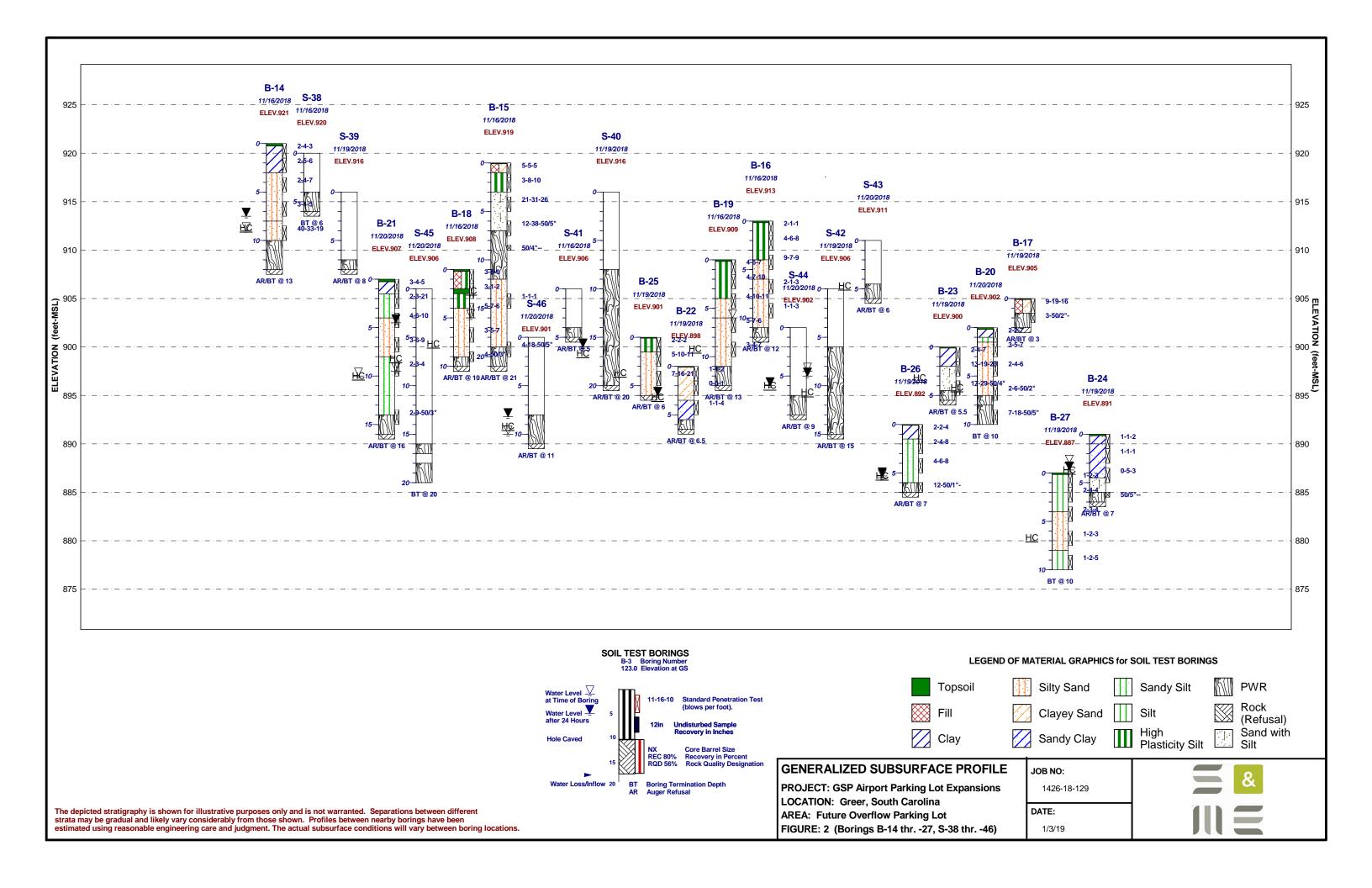
				PV	VR	Auger	Refusal	Terminatio	n, As-Drilled	
D #	•	CC 51 (ft)	Boring Depth,	Depth	Elevation	Depth	Elevation	Depth	Elevation	Date
Boring #	Area	GS Elev. (ft)	Proposed (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Drilled
B-1	1	936	15	13	923			15	921	11/14/2018
B-2	1	932	15	4	928	6	926	6	926	11/14/2018
B-3	1	932	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	 2.5	 072 F		 0C0 F	15	878	11/20/2018
B-32	3	875	10 470	2.5	872.5	5.5	869.5	5.5 458	869.5	11/20/2018

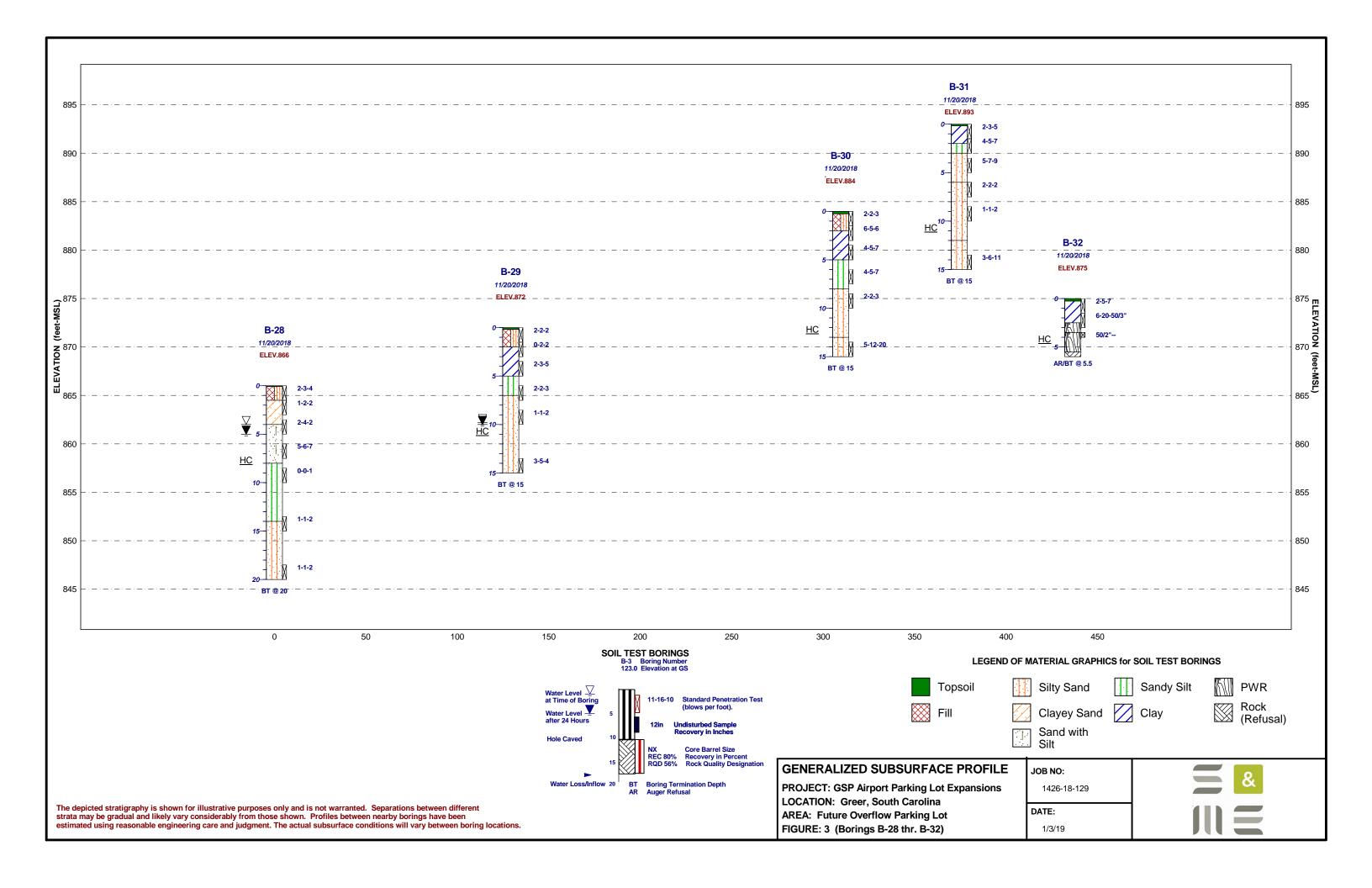
TOTALS: 470 458











PROJECT: **GSP Airport Parking Lot Expansions** Greer, South Carolina BORING LOG B-01 S&ME Project No. 1426-18-129 NOTES: Obtained bulk sample of auger cuttings CLIENT: McFarland-Johnson, Inc. ELEVATION: 936.0 ft (for possible future laboratory testing) at depth of BORING DEPTH: 15.0 ft DATE DRILLED: 11/14/18 - 11/14/18 0-5 feet. WATER LEVEL: Not Encountered DRILL RIG: CME 550 CAVE-IN DEPTH: 13' DRILLER: Independence Drilling, Inc. HAMMER TYPE: Automatic LOGGED BY: J. Gathro SAMPLING METHOD: Split spoon NORTHING: 1112345 EASTING: 1633930 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) ● **WATER LEVEI** SAMPLE NO. ELEVATION N VALUE GRAPHIC DEPTH (feet) (feet) LOG Ist 6in / RUN 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 1 inch FILL: CLAYEY SAND (SC) - loose, brown red, 5 4 5 SS-1 9 fine to medium, trace organics RESIDUUM: SANDY CLAY (CL) - stiff, red, fine to medium, slightly micaceous 5 6 8 SS-2 14 SANDY SILT (ML) - stiff to very stiff, red-brown, fine to medium, micaceous 6 8 SS-3 14 5 931.0 6 12 SS-4 18 SILTY SAND (SM) - loose, red brown gray, fine to medium, trace rock fragments, slightly micaceous 6 4 SS-5 10 926.0 10-HC PARTIALLY WEATHERED ROCK: SILTY 50/2" SAND (SM) - very dense, gray black brown, SS-6 50/2" fine to coarse, slightly moist, trace rock fragments 921.0-15 Boring terminated at 15 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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- ${\it 3. \ STRATIFICATION \ AND \ GROUNDWATER \ DEPTHS \ ARE \ NOT \ EXACT.}$
- 4. WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.



PROJECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В(ORIN	NG LC)G E	3-02			
CLIENT: McF	arland-Johnson, Inc.	ELEVATION: 932.0 ft			,		NOTE	ES:					,	
	ED: 11/14/18 - 11/14/18	BORING DEPTH: 6.0 ft												
DRILL RIG: C		WATER LEVEL: Not Er		intered										
	dependence Drilling, Inc.	CAVE-IN DEPTH: 5'												
	PE: Automatic	LOGGED BY: J. Gathro												
	ETHOD: Split spoon													
	THOD: 21/4" H.S.A.								G: 1112	2572	EAS	TING: 16	634011	
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE 1st 6in / RUN # _ E	2nd 6in / REC DOS MO	3rd 6in / RQD ALVI	10	PL 20 30	PT N-Value FINES % NM 40 50 6	, , ,	so 90	N VALUE
XX.7	TOPSOIL - 4 inches					\mathbf{M}					:			
	FILL: CLAYEY SAND (SC) - lo fine to medium, trace roots, fo slightly micaceous	ew rock fragments,		_	SS-1	2	4	3					=	7
	RESIDUM: SANDY CLAY (CL) - very stiff, red black, fine to coarse, micaceous SILTY SAND (SM) - very dense, tan white,				SS-2	9	27	25			•			52
5	PARTIALLY WEATHERED RO SAND (SM) - very dense, gray coarse, seams of red silty sar	y black, fine to	<u>HC</u>	927.0—	SS-3	5	36	50/5"					>>	50/5"
	Refusal at 6 feet Boring terminated at 6 feet													

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	arolina					В	ORIN	NG LOG B	-03	
CLIENT: McF	Farland-Johnson, Inc.	ELEVATION: 932.0 ft								24+ hours, we return	
	ED: 11/14/18 - 11/14/18	BORING DEPTH: 11.0	ft							I in the boring. Althorel had risen to appro	-
DRILL RIG: (CME 550	WATER LEVEL: 6 ft at	TOE	3; see No	otes					5.5 ft), it appeared th	
DRILLER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 5.5'								o recent heavy rains	
HAMMER TY	PE: Automatic	LOGGED BY: J. Gathro	0					-	-	s drilled), with this perched above the	
SAMPLING M	METHOD: Split spoon						caveo	-	-		
DRILLING ME	ETHOD: 21/4" H.S.A.			1	1		_		G: 1112737	EASTING: 1634122	2
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	SCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	6in / REC	3rd 6in / RQD YE	PL	N-Value (bpf) ● FINES % ▲ NM LL 50 50 60 70 80 90	N VALUE
X //	TOPSOIL - 2 inches					\mathbb{M}					
	FILL: CLAYEY SAND (SC) - I fine to medium, trace roots, or			-	SS-1		2 2	42		•	44
	FILL: SANDY CLAY (CL) - ha fine to coarse, trace roots, ro (amplified N value)			-	SS-2	3	1 8	10	7		18
	FILL: SILTY SAND (SM) - loo fine to medium, trace roots a	nd rock fragments		-	-						
5—	FILL: SANDY SILT (ML) - firm gray, fine to medium, moist,		<u>нс</u>	927.0-	SS-3		3	4	•		7
⊗ 1	RESIDUUM: SILTY SAND (Sidense, white black, fine to corock fragments	M) - medium parse, moist, some	1	-	-SS-4	5	5 10	9			- 19 -
10—	PARTIALLY WEATHERED R SAND (SM) - very dense, bro fine to medium, moist			922.0-	SS-5	2	2 50/5"			**	50/5"
	Refusal at 11 feet Boring terminated at 11 feet										

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT	T:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	arolina					В	ORIN	NG LOG B-04
CLIENT:	McF	Farland-Johnson, Inc.	ELEVATION: 930.0 ft							Obtained bulk sample of auger cuttings
		ED: 11/14/18 - 11/14/18	BORING DEPTH: 10.0	ft						f 0-5 feet. After a period of 24+ hours, red the water level had risen to approx. 3
DRILL RIC	G: (CME 550	WATER LEVEL: Not E	ncou	intered a	at TOB		ft (wit	h a ca	cave-in depth of 4 ft). However, it
DRILLER:	: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 4'							the temporarily high water level was due neavy rains (during/after the boring was
HAMMER	R TY	PE: Automatic	LOGGED BY: J. Gathre	0						th this inflowing water becoming
SAMPLIN	IG N	METHOD: Split spoon						perch	ed ab	bove the caved bottom.
DRILLING	3 ME	ETHOD: 21/4" H.S.A.			1	1				G: 1112888 EASTING: 1634221
DEPTH (feet) GRAPHIC	POOT	MATERIAL DES	SCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN # / 2nd 6in / REC 3D MOTE	3rd 6in / RQD ALV	SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 90
		TOPSOIL - 2 inches FILL: SANDY SILT (ML) - stif to coarse, little rock fragmentamplified N values), few root	ts (possibly		-	SS-1		0 4	6	_ 10
-				нс	-	SS-2	X M	2 4	7	11
5—		RESIDUUM: SILTY SAND (SI dense, orange brown dark gr trace rock fragments	M) - medium ray, fine to medium,	<u>110</u>	925.0— -	SS-3	X N	9 14	5	15
	dense, orange brown dark gray, fine to medium					SS-4 SS-5	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5 22	50/3"	" >>= 50/3 >>= 50/3
10		Boring terminated at 10 feet			920.0—					

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							NG LO	G B	-05			
CLIEN	T: Mc	Farland-Johnson, Inc.	ELEVATION: 930.5 ft					NOTE	S:						
DATE	DRILL	ED: 11/15/18 - 11/15/18	BORING DEPTH: 6.5 ft												
DRILL	RIG: (CME 550	WATER LEVEL: Not Er	າငວບ	ntered										
DRILLE	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: N/A												
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>											
SAMPL	ING N	METHOD: Split spoon													
DRILLI	NG M	ETHOD: 21/4" H.S.A.					-			G: 1113 0)14	EAS	TING: 163	34311	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC GO MO	3rd 6in / RQD Y	10 2	PL	FINES % NM O 50 6		90	N VALUE
	\boxtimes	TOPSOIL - 1 inch					\/								
-		FILL: SILTY SAND (SM) - med brown, fine to medium, few rotrace roots in upper foot	dium dense, ock fragments,		_	SS-1	3	5	6					_	11
_		FILL: SANDY SILT (ML) - soft coarse, slightly moist, trace ro	t, brown, fine to sock fragments		_	SS-2	3	2	1						3
_		FILL: SILTY SAND (SM) - med brown red, fine to coarse, slig rock fragments	dium dense, phtly moist, few		_	SS-3	4	4	10					_	14
5-		RESIDUUM: SILTY SAND (SM dense, red gray white, fine to coarse sand, trace rock fragm	medium, seams of		925.5—									_	
		PARTIALLY WEATHERED RO dense, based on observed ra drilling (no recovery)	DCK - Very te of difficult			SS-4	50/1				:		<u>!</u> !	->-	50/1"
		Refusal at 6.5 feet Boring terminated at 6.5 feet													
	1	I			ĺ	1									

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В	ORIN	IG LO	og	B-06			
CLIENT: McI	Farland-Johnson, Inc.	ELEVATION: 932.5 ft										of auge		
	ED: 11/14/18 - 11/14/18	BORING DEPTH: 3.5 ft					tor po 0-3.5		e futui	e labo	ratory te	esting) at	depth c	of
DRILL RIG: (WATER LEVEL: Not Er		intered		,	0.0	.001.						
	dependence Drilling, Inc.	CAVE-IN DEPTH: 3'												
	PE: Automatic	LOGGED BY: J. Gathro)											
SAMPLING N	METHOD: Split spoon													
	ETHOD: 2 1/4" H.S.A.								G: 111 2	2422	EAS	STING: 10	634047	
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / B	2nd 6in / REC GO MO	3rd 6in / RQD YA	1,0	PL 20 30	PT N-Valu FINES NM 40 50	% A	0 90	N VALUE
XXII.	▼ TOPSOIL - 3 inches					1				:		:		
	FILL: SILTY SAND (SM) - me brown gray, fine to coarse, fe trace roots and crushed stone clay at bottom PARTIALLY WEATHERED RO SAND (SM) - very dense, gray to coarse, few rock fragments Refusal at 3.5 feet Boring terminated at 3.5 feet	w rock fragments, e, layer of sandy OCK: SILTY y brown tan, fine	HC	-	SS-1 / SS-2 / SS-3 /	5 50/1'	8	6 50/5"					\hat{\sigma}	50/5"

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	:CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							IG LO)G E	3-07			
CLIEN	Т: Мс	Farland-Johnson, Inc.	ELEVATION: 930.0 ft					NOTE	S:						
DATE	DRILL	ED: 11/14/18 - 11/14/18	BORING DEPTH: 10.01	ft											
DRILL	RIG:	CME 550	WATER LEVEL: Not Er	ncou	intered										
DRILLE	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 3.4'												
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>											
SAMPL	ING N	METHOD: Split spoon													
DRILLI	NG M	ETHOD: 21/4" H.S.A.					-			G: 1112	:593	EAS	TING: 16	6341 <u>5</u> 7	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC OO MO	3rd 6in / RQD Y	1,0 2	PL	PT N-Value FINES % NM 40 50		3O 9O	N VALUE
		TOPSOIL - 2 inches					\mathbf{M}				-				
-		FILL: SANDY SILT (ML) - firm red gray, fine to coarse, trace and crushed stone, slightly m silty sand	rock fragments		-	SS-1	2	2	3					_	5
-		RESIDUUM: SILTY SAND (SM	VI) - loose,	<u>HC</u>	- _	SS-2								_	10
5		moist, brown, tan to black, fin	é to medium		925.0—	SS-3	2	2 3	3					_	6
_	((5)	PARTIALLY WEATHERED RO	OCK: SILTY		_									_	o l
=		SAND (SM) - very dense, blac coarse, trace rock fragments	ck gray, fine to		_	SS-5	50/5	"						>>	50/5"
10—		Boring terminated at 10 feet			920.0—										

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking L Greer, South C S&ME Project No. 14	arolina					ВС	DRIN	NG LOG B-08	
CLIENT: Mc	Farland-Johnson, Inc.	ELEVATION: 930.0 ft							Obtained bulk sample of auger cu	
	ED: 11/14/18 - 11/14/18	BORING DEPTH: 10.0	ft						0-5 feet. After a period of 24+ hed the water level had risen to ap	
DRILL RIG: (CME 550	WATER LEVEL: Not E	ncou	intered a	at TOB		2.7 ft	(with	a cave-in depth of 3 ft). However	r, it
DRILLER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 3'							the temporarily high water level w	
HAMMER TY	PE: Automatic	LOGGED BY: J. Gathro	0						eavy rains (during/after the boring the this inflowing water becoming	g was
SAMPLING N	METHOD: Split spoon								pove the caved bottom.	
DRILLING MI	ETHOD: 21/4" H.S.A.				1				G: 1112760 EASTING: 1634	264
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	SCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC BOON ON SINGLE ON SING	3rd 6in / RQD YE	SPT N-Value (bpf) ● FINES % ▲ PL NM LL 10 20 30 40 50 60 70 80 9	N VALUE
-	TOPSOIL - 2 inches FILL: SILTY SAND (SM) - log fine to medium, trace roots a layer of sandy silt with clay i	and rock fragments,		-	SS-1	2	2 3	6	7	- 9
	RESIDUUM: SANDY SILT (N	IL) - stiff, red	<u>HC</u>	-	SS-2		2 2	3		5
5—				925.0—	SS-3		5	5	•	10
- 10 CO	SILTY SAND (SM) - very loo dense, tan brown gray, fine rock fragments at bottom of	to medium, moist,		-	SS-4) 1	1		- 2 -
10	Boring terminated at 10 feet			920.0—	SS-5		2	11		13

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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 BORING LOG B-09 S&ME Project No. 1426-18-129 NOTES: After a period of 24+ hours, we returned CLIENT: McFarland-Johnson, Inc. ELEVATION: 930.0 ft to measure the water level in the boring. Although BORING DEPTH: 15.0 ft DATE DRILLED: 11/14/18 - 11/14/18 we observed the water level had risen to approx. 3.4 ft (with a cave-in depth of 3.5 ft), it appeared WATER LEVEL: Not Encountered at TOB DRILL RIG: CME 550 the high water level was due to recent heavy rains DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: 3.5' (during/after the boring was drilled), with this HAMMER TYPE: Automatic LOGGED BY: J. Gathro inflowing water becoming perched above the caved bottom. SAMPLING METHOD: Split spoon NORTHING: 1112906 EASTING: 1634359 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) **WATER LEVEI** SAMPLE NO ELEVATION VALUE GRAPHIC DEPTH (feet) (feet) LOG Ist 6in / RUN 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 3 inches 2 FILL: SANDY SILT (ML) - soft, brown red, fine 0 2 SS-1 4 to medium, moist, trace rock fragments 2 2 1 SS-2 3 FILL: SILTY SAND (SM) - medium dense, HC gray brown red, fine to medium, trace rock fragments and organics 6 6 SS-3 12 925.0 RESIDUUM: SILTY SAND (SM) - medium dense, red brown white, fine to coarse, slightly 6 5 SS-4 moist, few rock fragments 11 SILTY SAND (SM) - loose, moist, brown, black to gray, fine to medium 3 2 3 SS-5 6 920.0 10 5 5 3 SS-6 8 915.0 15 Boring terminated at 15 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В		NG LOG B-1	0	
CLIENT: McI	Farland-Johnson, Inc.	ELEVATION: 929.0 ft					NOTE	S:			
	ED: 11/15/18 - 11/15/18	BORING DEPTH: 2.0 ft									
DRILL RIG: (WATER LEVEL: Not Er		ntered							
	dependence Drilling, Inc.	CAVE-IN DEPTH: 1'									
	PE: Automatic	LOGGED BY: J. Gathro									
	METHOD: Split spoon										
	ETHOD: 2 1/4" H.S.A.								G: 1112465	EASTING: 1634175	5
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE IYPE 1st 6in / RUN # / PB	2nd 6in / REC GO MO	3rd 6in / RQD ALV	FII PL	-Value (bpf) ● NES % ▲ NM	N VALUE
X /,	\ TOPSOIL - 2 inches	/			1	1					
	FILL: CLAYEY SAND (SC) - Identified to medium, moist, trace refragments RESIDUUM: SANDY SILT (MI black, fine to medium, moist PARTIALLY WEATHERED RO	<u>HC</u>	-	SS-1 SS-2	50/2'	4	5	•	>>>	− 9 •50/2"	
	WITH SILT (SP-SM) - very define to coarse, some rock frag Refusal at 2 feet Boring terminated at 2 feet										

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT: GSP Airport Parking Lot Greer, South Car S&ME Project No. 1426	rolina					ВС)RIN	ING LOG B-11
CLIENT: McFarland-Johnson, Inc.	ELEVATION: 927.0 ft					NOTE	S:	
DATE DRILLED: 11/15/18 - 11/15/18	BORING DEPTH: 2.0 ft							
DRILL RIG: CME 550	WATER LEVEL: Not En	ıcou	ntered					
	CAVE-IN DEPTH: 1.5'							
	LOGGED BY: J. Gathro)						
SAMPLING METHOD: Split spoon								
DRILLING METHOD: 21/4" H.S.A.								NG: 1112613 EASTING: 1634302
(feet) (A MATERIAL DESC	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / BT	2nd 6in / REC OO WO	3rd 6in / RQD YA	1 = 1
TOPSOIL - 2 inches				\				
FILL: SANDY SILT (ML) - stiff, brown-red, fine to medium, fev	/	<u>HC</u>	_	SS-1	2	5	8	- 13
RESIDUUM: SILTY SAND (SM dense, red yellow, fine, slightly	1) - medium /		_	SS-2	50/1'			>> ♦ 50/1"
PARTIALLY WEATHERED RO WITH SILT (SP-SM) - very den fine to coarse, nearly dry, som Refusal at 2 feet Boring terminated at 2 feet	DCK: SAND nse, white gray,							

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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 BORING LOG B-12 S&ME Project No. 1426-18-129 NOTES: After a period of 24+ hours, we returned CLIENT: McFarland-Johnson, Inc. ELEVATION: 930.0 ft to measure the water level in the boring. Although BORING DEPTH: 15.0 ft DATE DRILLED: 11/15/18 - 11/15/18 we observed the water level had risen to approx. 2.5 ft (with a cave-in depth of 4 ft), it appeared the WATER LEVEL: Not Encountered at TOB DRILL RIG: CME 550 high water level was due to recent heavy rains DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: 3.8' (during/after the boring was drilled), with this HAMMER TYPE: Automatic LOGGED BY: J. Gathro inflowing water becoming perched above the caved bottom. SAMPLING METHOD: Split spoon NORTHING: 1112765 EASTING: 1634401 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) ● **WATER LEVEI** ELEVATION SAMPLE NO VALUE GRAPHIC DEPTH (feet) (feet) L0G Ist 6in / RUN 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 2 inches 2 FILL: SILTY SAND (SM) - very loose to loose, 2 SS-1 4 red brown, fine to coarse, moist, few rock fragments 2 3 SS-2 5 HC RESIDUUM: SANDY CLAY (CL) - very stiff to stiff, red yellow, fine to medium, some silt 6 10 SS-3 16 925.0 6 6 SS-4 12 SANDY SILT (ML) - firm, red, light tan, fine to medium 2 3 4 SS-5 6 920.0 10 SILTY SAND (SM) - loose to medium dense, black white brown, fine to coarse, few rock fragments 3 12 SS-6 15 915.0 15 Boring terminated at 15 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В	ORIN	NG LOG B	-13		
CLIEN	T: Mc l	Farland-Johnson, Inc.	ELEVATION: 929.0 ft					NOT	ES:				
DATE I	DRILL	ED: 11/15/18 - 11/15/18	BORING DEPTH: 15.0	ft									
DRILL	RIG: (CME 550	WATER LEVEL: Not E	ncou	ıntered								
DRILLE	R: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 12.8										
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>									
SAMPL	ING N	METHOD: Split spoon									1		
DRILLI	NG M	ETHOD: 21/4" H.S.A.								G: 1112925	EASTING	G: 1634501	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.		1st 6in / RUN # / 2nd 6in / REC 1 3 3 MOJ 8	3rd 6in / RQD ALYO	PL	N-Value (bpf) FINES % ▲ NM O 50 60 7	LL	N VALUE
	\bigotimes	TOPSOIL - 1 inch					M						
-		FILL: SILTY SAND (SM) - loo fine to coarse, slightly moist, micaceous			_	SS-1	\bigvee	3 5	5			-	10
-					-	SS-2	X	3 2	3			-	5
5—		FILL: SANDY SILT (ML) - sof red, fine to coarse, moist, tra			924.0-	SS-3		2 2	2	•		-	4
-					-	- SS-4		2 2	3			-	5
10—		RESIDUUM: SILTY SAND (Sidense, gray red, fine to medifragments, layer of sandy silt	um, trace rock		919.0— -	SS-5		2 6	17			-	23
15—				<u>HC</u>	- - 914.0-	SS-6		3 6	6	•		-	12
.0		Boring terminated at 15 feet											

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT: **GSP Airport Parking Lot Expansions** Greer, South Carolina BORING LOG B-14 S&ME Project No. 1426-18-129 NOTES: Obtained bulk sample of auger cuttings CLIENT: McFarland-Johnson, Inc. ELEVATION: 921.0 ft (for possible future laboratory testing) at depth of BORING DEPTH: 13.0 ft DATE DRILLED: 11/16/18 - 11/16/18 0-5 feet. WATER LEVEL: 9 ft at TOB; 7.5 ft at 24 hrs DRILL RIG: CME 550 CAVE-IN DEPTH: 9' DRILLER: Independence Drilling, Inc. HAMMER TYPE: Automatic LOGGED BY: J. Gathro SAMPLING METHOD: Split spoon NORTHING: 1112506 EASTING: 1634411 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) ● **WATER LEVEI** SAMPLE NO. ELEVATION N VALUE GRAPHIC DEPTH (feet) (feet) L0G Ist 6in / RUN 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 3 inches 2 RESIDUUM: CLAY WITH SAND (CL) - firm, 4 3 SS-1 7 red yellow, fine to medium, layer of clayey sand below topsoil, trace silt 2 5 6 SS-2 11 SILTY SAND (SM) - medium dense to loose, red tan, fine to medium, micaceous, moist in SS-4 2 7 4 SS-3 11 916.0 3 4 5 SS-4 9 ¥ SILTY SAND (SM) - very dense, gray white, fine to medium, seams of coarse sand, few rock ΗC fragments 40 33 19 SS-5 52 911.0-**PARTIALLY WEATHERED ROCK - Very** dense, based on observed rate of difficult drilling Refusal at 13 feet Boring terminated at 13 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT: **GSP Airport Parking Lot Expansions** Greer, South Carolina BORING LOG B-15 S&ME Project No. 1426-18-129 NOTES: Obtained bulk sample of auger cuttings CLIENT: McFarland-Johnson, Inc. ELEVATION: 919.0 ft (for possible future laboratory testing) at depth of DATE DRILLED: 11/16/18 - 11/16/18 BORING DEPTH: 21.0 ft 0-5 feet. WATER LEVEL: 16 ft at TOB DRILL RIG: CME 550 CAVE-IN DEPTH: 13.5' DRILLER: Independence Drilling, Inc. HAMMER TYPE: Automatic LOGGED BY: J. Gathro SAMPLING METHOD: Split spoon NORTHING: 1112688 EASTING: 1634529 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) **WATER LEVEI** SAMPLE NO. ELEVATION N VALUE GRAPHIC DEPTH 1st 6in / RUN # (feet) (feet) LOG 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 1 inch 5 5 5 SS-1 10 FILL: CLAYEY SAND (SC) - loose, gray brown, fine to medium, trace roots 3 8 10 **RESIDUUM: SANDY ELASTIC SILT (MH) -**SS-2 18 very stiff, red, fine to medium, little clay SAND WITH SILT (SP-SM) - dense, gray tan, fine to coarse, trace rock fragments 21 31 26 SS-3 57 914.0-5 38 50/5' 12 SS-4 50/5 PWR LENS: SAND WITH SILT (SP-SM) very dense, gray to grayish red, fine to coarse, little rock fragments, layer of silty sand 50/4' X SS-5 909.0-SILTY SAND (SM) - very loose, brown gray red, fine to medium, moist, high fines content HC 1 1 SS-6 2 15 904.0 ∇ 50/5' 18 PARTIALLY WEATHERED ROCK: SILTY SS-7 50/5 SAND (SM) - very dense, gray orange, fine to 899.0 coarse, some rock fragments, moist Refusal at 21 feet Boring terminated at 21 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJEC	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							NG LOG	B-16		
CLIENT:	: McF	Farland-Johnson, Inc.	ELEVATION: 913.0 ft					NOTE	:S:				
		ED: 11/16/18 - 11/16/18	BORING DEPTH: 12.0	ft									
DRILL R			WATER LEVEL: 10 ft a	t TO	В								
		dependence Drilling, Inc.	CAVE-IN DEPTH: N/A										
		PE: Automatic	LOGGED BY: J. Gathro										
SAMPLI	NG M	METHOD: Split spoon											
DRILLIN	IG ME	ETHOD: 21/4" H.S.A.								G: 1112866	EAS	TING: 163464 1	l .
(feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC 3D MOTI	3rd 6in / RQD YL	PL 10 20 30	SPT N-Value FINES % NM 0 40 50 6	, A	N VALUE
	m	\ TOPSOIL - 2 inches					\mathcal{M}						
-		RESIDUUM: ELASTIC SILT W (MH) - soft to stiff, brownish revery moist, micaceous			-	SS-1	:	2 1	1				- 2
					_	SS-2	4	4 6	8				14
5—		SILTY SAND (SM) - medium of yellow light grayish brown, fin slightly moist	dense, reddish le to medium,		908.0-	SS-3		9 7	9	•			16
		SILTY SAND (SM) - very loos gray, fine, very moist to moist micaceous, trace clay and sil	t, slightly		-	SS-4	:	2 1	3	•			- 4 -
10-				፟∑	903.0—	SS-5		1 1	3	•			4
		PARTIALLY WEATHERED RO observed rate of difficult drilling			_								
		Refusal at 12 feet Boring terminated at 12 feet											

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lor Greer, South Ca S&ME Project No. 1420	rolina					В	ORIN	NG LOG B	-17	
CLIENT: Mc	Farland-Johnson, Inc.	ELEVATION: 905.0 ft					NOTE	S:			
DATE DRILL	ED: 11/19/18 - 11/19/18	BORING DEPTH: 3.0 ft									
DRILL RIG:	CME 550	WATER LEVEL: Not E	າငວເ	ıntered							
		CAVE-IN DEPTH: N/A									
HAMMER TY	PE: Automatic	LOGGED BY: J. Gathro)								
SAMPLING N	METHOD: Split spoon										
DRILLING MI	ETHOD: 21/4" H.S.A.								G: 1113028	EASTING: 1634784	
(feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC DO MONTA	3rd 6in / RQD ALV		N-Value (bpf) ● FINES % ▲ NM	N VALUE
₩ .,	TOPSOIL - 1 inch					M					
-	FILL: CLAYEY SAND (SC) - d gray, fine to coarse, layer of s fragments between 6 and 12	and and rock		_	SS-1	,	9 19	16	•	-	35
	PARTIALLY WEATHERED RO SAND (SM) - very dense, orar fine to coarse, some rock frag	nge dark gray,		_	SS-2	:	3 50/2"			>>	50/2"
S&ME BORING LOG - VOGILE 1428-18-129_GSP PARKING LO I EXPANSIONS,GPJ S&ME 2009_09_24.GD 1/2/19	Refusal at 3 feet Boring terminated at 3 feet										

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PROJECT: **GSP Airport Parking Lot Expansions** Greer, South Carolina **BORING LOG B-18** S&ME Project No. 1426-18-129 NOTES: Obtained bulk sample of auger cuttings CLIENT: McFarland-Johnson, Inc. ELEVATION: 908.0 ft (for possible future laboratory testing) at depth of BORING DEPTH: 10.0 ft DATE DRILLED: 11/16/18 - 11/16/18 0-7 feet. WATER LEVEL: Not Encountered DRILL RIG: CME 550 CAVE-IN DEPTH: 8' DRILLER: Independence Drilling, Inc. HAMMER TYPE: Automatic LOGGED BY: J. Gathro SAMPLING METHOD: Split spoon NORTHING: 1112551 EASTING: 1634561 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) **WATER LEVEI** SAMPLE NO. ELEVATION N VALUE GRAPHIC DEPTH 1st 6in / RUN # (feet) (feet) LOG 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 2 inches FILL: SANDY ELASTIC SILT (MH) - stiff, 3 5 6 SS-1 11 brownish red, fine, moist, trace gravel and roots TOPSOIL: SILTY SAND (SM) - loose, brown, 3 2 1 SS-2 3 fine to coarse, wet RESIDUUM: ELASTIC SILT (MH) - soft, brownish red, very moist, micaceous SILTY SAND (SM) - medium dense, reddish 5 7 6 SS-3 13 brown yellowish brown gray, fine, moist, micaceous to slightly micaceous 903.0 5 7 SS-4 12 HC 50/3 4 SS-5 50/3" PARTIALLY WEATHERED ROCK: SAND (SM) - very dense, gray, fine to coarse, with 898.0 rock fragments Refusal at 10 feet Boring terminated at 10 feet

NOTES:

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В	ORIN	NG LOG B	-19		
CLIEN	T: Mc	Farland-Johnson, Inc.	ELEVATION: 909.0 ft							Obtained bulk s			
		ED: 11/16/18 - 11/16/18	BORING DEPTH: 13.0	ft				(for p		le future labora	tory testing	g) at depth	of
		CME 550	WATER LEVEL: Not E		intered								
		dependence Drilling, Inc.	CAVE-IN DEPTH: 9.5'										
		PE: Automatic	LOGGED BY: J. Gathro	5									
SAMP	LING N	METHOD: Split spoon											
		ETHOD: 2 1/4" H.S.A.								G: 1112732	EASTIN	G: 1634679)
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.		1st 6in / RUN # 2nd 6in / REC 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3rd 6in / ROD YLVC	PL •	N-Value (bpf FINES % ▲ NM O 50 60	LL 70 80 90	N VALUE
		\ TOPSOIL - 2 inches					\mathbb{N}						
-		RESIDUUM: ELASTIC SILT (I very stiff, brownish red, moist	MH) - stiff to		_	SS-1	X	4 6	7			-	13
-	-				-	SS-2	X	4 7	10	•		-	17
5—		SILTY SAND (SM) - medium of gray yellow, fine to medium, i			904.0-	SS-3		4 10	11			-	21
-		SILTY SAND (SM) - medium of gray, fine, moist to very moist trace coarse sand and silt sea	t, micaceous, with		-	SS-4		5 7	6	•		-	13
10-				<u>HC</u>	899.0—	SS-5		3 4	7	•		-	11
-		PARTIALLY WEATHERED RO dense, based on rate of diffic	DCK - very ult drilling		-							-	- - -
		Refusal at 13 feet Boring terminated at 13 feet											

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							IG LC)G E	3-20			
CLIEN	T: McI	Farland-Johnson, Inc.	ELEVATION: 902.0 ft					NOTE	:S:						
DATE	DRILL	ED: 11/20/18 - 11/20/18	BORING DEPTH: 10.0	ft											
DRILL	RIG: (CME 550	WATER LEVEL: Not Er	ncou	ıntered										
DRILLI	= ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 6.5'												
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>											
SAMPI	_ING N	METHOD: Split spoon													
DRILLI	NG ME	ETHOD: 21/4" H.S.A.				ī	0			G: 1112		_	TING: 16	334784	ı
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	Sud 6in / REC DOSONOT	3rd 6in / RQD Y	10 :	PL	FINES % NM 40 50		0 90	N VALUE
	///	TOPSOIL - 2 inches	/				M				:	:			
-		RESIDUUM: CLAY WITH SAN red, fine to medium, trace roo	ID (CL) - stiff,		-	SS-1	2	2	7	•				=	9
-		SANDY SILT (ML) - stiff, red, slightly micaceous	-	SS-2	3	5	7	•				=	12		
-		SILTY SAND (SM) - medium of yellow-red, brown, white, fine of sandy silt, seams of rock front and at bottom of SS-3		-	30-2								_		
5—		and at bottom of 33-3			897.0—	SS-3	2	4	6	•				_	10
-		PARTIALLY WEATHERED RO		<u>HC</u>	_	SS-4	2	6	50/2"					>>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	50/2"
-	15/11 15/11	SAND (SM) - very dense, white coarse, few rock fragments	te gray, fine to		_										
10—		PARTIALLY WEATHERED RO WITH SILT (SP-SM) - very de yellow-brown, fine to coarse, fragments, layers of silty sand	nse, gray white, some rock		892.0—	SS-5	7	18	50/5"					>>	50/5"
		Boring terminated at 10 feet													

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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 BORING LOG B-21 S&ME Project No. 1426-18-129 NOTES: Obtained bulk sample of auger cuttings CLIENT: McFarland-Johnson, Inc. ELEVATION: 907.0 ft (for possible future laboratory testing) at depth of DATE DRILLED: 11/20/18 - 11/20/18 BORING DEPTH: 16.0 ft 0-8 feet. WATER LEVEL: 10 ft at TOB DRILL RIG: CME 550 CAVE-IN DEPTH: 10.3' DRILLER: Independence Drilling, Inc. HAMMER TYPE: Automatic LOGGED BY: J. Gathro SAMPLING METHOD: Split spoon NORTHING: 1112385 EASTING: 1634598 DRILLING METHOD: 21/4" H.S.A. BLOW COUNT / CORE DATA SAMPLE TYPE SPT N-Value (bpf) ● **WATER LEVEI** ELEVATION SAMPLE NO N VALUE DEPTH GRAPHIC (feet) (feet) L0G Ist 6in / RUN 2nd 6in / REC R FINES % ▲ MATERIAL DESCRIPTION 3rd 6in / TOPSOIL - 3 inches 3 4 5 RESIDUUM: CLAY WITH SAND (CL) - stiff, SS-1 9 red brown, fine to medium, slightly moist, slightly micaceous, trace roots SANDY SILT (ML) - very stiff, red, fine to 2 3 21 SS-2 24 medium, micaceous 6 10 SILTY SAND (SM) - medium dense, red brown SS-3 16 gray, fine to coarse, few rock fragments, seams 902.0 of coarse sand in SS-4 6 9 SS-4 15 SANDY SILT (ML) - firm, red brown white, fine to medium, moist 3 2 4 SS-5 897.0-10 PARTIALLY WEATHERED ROCK: SILTY 2 9 50/3 SS-6 50/3" SAND (SM) - very dense, dark gray tan, fine to 892.0coarse, wet, few rock fragments Refusal at 16 feet Boring terminated at 16 feet

NOTES:

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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- ${\it 3. \ STRATIFICATION \ AND \ GROUNDWATER \ DEPTHS \ ARE \ NOT \ EXACT.}$
- 4. WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.



PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 1420	rolina							NG LO	og	B-2	22			
CLIEN.	T: McI	Farland-Johnson, Inc.	ELEVATION: 898.0 ft					NOTE	S:							
DATE	DRILL	ED: 11/19/18 - 11/19/18	BORING DEPTH: 6.5 ft	<u>:</u>												
DRILL	RIG: (CME 550	WATER LEVEL: 3 ft at	TOE	s; 3 ft at	24 hrs										
DRILLI	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 3.5'													
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>												
SAMPI	_ING N	METHOD: Split spoon	_													
DRILLI	NG ME	ETHOD: 21/4" H.S.A.								G: 111 2	2575	!	EAST	ING: 16	34727	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC OO WOO	3rd 6in / RQD ALV	1,0	PL 20 30	FIN	-Value (t NES % . NM 50 60		0 90	N VALUE
	=//	TOPSOIL - 1 inch					\/								•	
-		ALLUVIUM: CLAYEY SAND (Strown red tan, fine to medium SS-1, wet in SS-2	SC) - very loose, n, trace roots in	T	-	SS-2	0	0	1						-	3
- 5—		RESIDUUM: SANDY CLAY (C yellowish red, fine to medium	, moist	<u>HC</u>	893.0—	SS-3	1	1	4						-	5
		PARTIALLY WEATHERED ROSAND (SM) - very dense, gray some rock fragments Refusal at 6.5 feet Boring terminated at 6.5 feet			-											

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							IG LO	G B	3-23			
CLIEN	T: McI	Farland-Johnson, Inc.	ELEVATION: 900.0 ft					NOTE	S:						
DATE	DRILLI	ED: 11/19/18 - 11/19/18	BORING DEPTH: 5.5 ft												
		CME 550	WATER LEVEL: Not Er	າငວບ	intered										
		dependence Drilling, Inc.	CAVE-IN DEPTH: 3.5'												
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>											
SAMPI	_ING N	METHOD: Split spoon													
DRILLI	NG ME	ETHOD: 21/4" H.S.A.					-			G: 1112	742	EAS	TING: 16	334831	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC DO WO	3rd 6in / RQD YEAR	10 2	PL	T N-Value FINES % NM 40 50 0		0 90	N VALUE
		TOPSOIL - 1 inch					М				:				
-		RESIDUUM: CLAY WITH SAN red, fine to medium, trace roo	ID (CL) - stiff, ots		_ 	SS-1	2	4	7	•				-	11
_		SAND WITH SILT (SP-SM) - or gray, fine to coarse, some roo layers of red silt	lense, red white ck fragments,	<u>HC</u>	_	SS-2	13	19	23					-	42
5—		PARTIALLY WEATHERED ROWITH SILT (SP-SM) - very de tan, fine to coarse, some rock	nse, gray red		895.0—	SS-3	17	29	50/4"					>>	50/4"
		Refusal at 5.5 feet Boring terminated at 5.5 feet													

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							NG LC)G	B-24			
CLIEN	T: McI	Farland-Johnson, Inc.	ELEVATION: 891.0 ft					NOTE	:S:						
DATE	DRILLI	ED: 11/19/18 - 11/19/18	BORING DEPTH: 7.0 ft	<u>:</u>											
DRILL	RIG: (CME 550	WATER LEVEL: 3 ft at	TOE	ያ; 3.7 ft a	at 24 hr	s								
DRILLI	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 4'												
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>											
SAMPI	LING N	METHOD: Split spoon													
DRILLI	NG ME	ETHOD: 21/4" H.S.A.								G: 1112	<u>2915</u>	EA	STING: 10	334941	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC DOOO	3rd 6in / RQD ALV	1,0 :	PL 20 30	FINES		0 90	N VALUE
		▼ TOPSOIL - 2 inches					\mathcal{M}				:				
-		ALLUVIUM: SANDY CLAY (C brown, fine to medium, trace												-	3
-		firm, light gray dark gray tan,	fine, moist to wet, ey sand in SS-1	∇	-	SS-2	1	1	1					_	2
5—		ALLUVIUM: SAND WITH SILT loose, gray tan, fine to medium fragments		<u>↓</u> <u>iC</u>	886.0—	SS-3	0		3					-	8
_		PARTIALLY WEATHERED ROWITH SILT (SP-SM) - very define to coarse, few rock fragmore Refusal at 7 feet Boring terminated at 7 feet	nse, gray yellow,		_	SS-4	50/	5"						À	50/5"

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lo Greer, South Co S&ME Project No. 14	arolina						ВС	PRIN	IG LOG B	-25		
CLIENT: Mal							N	OTE	S: C	Obtained bulk sa	ample of a	uger cutting	 gs
	Farland-Johnson, Inc.	ELEVATION: 901.0 ft					(fe	or po	ssibl	e future laborat			
	ED: 11/19/18 - 11/19/18	BORING DEPTH: 6.0 ft WATER LEVEL: Not E		ıntorod			┦0-	-5 fe	et.				
DRILL RIG: (iicot	intereu									
	dependence Drilling, Inc.	CAVE-IN DEPTH: 4'											
	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>										
	METHOD: Split spoon						N	ODT	'LINIC	G: 1112418	EASTIN	G: 1634774	
DRILLING MI	ETHOD: 21/4" H.S.A.		ير	Ι_	Ŀ	ш		W CO		I	N-Value (bpf		
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	SCRIPTION	WATER LEVE	ELEVATION (feet)	SAMPLE NO	SAMPLE TYPE	1st 6in / RUN # /	2nd 6in / REC TA	3rd 6in / RQD YIY		FINES % A	П	N VALUE
	TOPSOIL - 1 inch	/				$\backslash /$:	:	
-	RESIDUUM: ELASTIC SILT (slightly micaceous	MH) - soft, red,		-	SS-1	\bigvee	2	2	2	•		-	4
	SILTY SAND (SM) - medium gray tan, fine to coarse, few slightly micaceous	dense to dense, rock fragments,		-	SS-2		5	10	11			-	21
5—			<u>HC</u>	896.0-	SS-3		7	16	21	•		-	37
	Refusal at 6 feet Boring terminated at 6 feet												

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					В	ORIN	NG LOG E	3-26		
CLIENT: Mc	Farland-Johnson, Inc.	ELEVATION: 892.0 ft					NOTE	ES:				
DATE DRILL	ED: 11/19/18 - 11/19/18	BORING DEPTH: 7.0 ft	t									
DRILL RIG: (CME 550	WATER LEVEL: 5.5 ft a	at TC	DB; 5.3 f	t at 24	hrs						
	dependence Drilling, Inc.	CAVE-IN DEPTH: 5.6'										
HAMMER TY	PE: Automatic	LOGGED BY: J. Gathro	0									
SAMPLING N	METHOD: Split spoon											
DRILLING MI	ETHOD: 21/4" H.S.A.								G: 1112596	EASTING: 10	634893	
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	Snd 6in / REC 2nd 6in / REC 3 NO TRI	3rd 6in / RQD ATAI	PL	T N-Value (bpf) ● FINES % ▲ NM LL 40 50 60 70 8	30 90 <u> </u>	N VALUE
///	TOPSOIL - 1 inch					M						
	RESIDUUM: CLAY (CL) - firm micaceous	, red, slightly		-	SS-1		2 2	4	•		- 6	6
	SANDY SILT (ML) - stiff, red of medium, micaceous, bands of medium to coarse sand in SS	of dark gray, tan		-	SS-2		2 4	8			1	12
5—			<u>**</u>	887.0-	SS-3		4 6	8	•		_ _ 1	14
	PARTIALLY WEATHERED ROSAND (SM) - very dense, dar to coarse, some rock fragmer Refusal at 7 feet Boring terminated at 7 feet	k gray white, fine		-	SS-4	1	2 50/1"	,			>> 50/	/1"

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							IG LO	G B	-27		
CLIENT	: Mc	Farland-Johnson, Inc.	ELEVATION: 887.0 ft					NOTE	S:					
DATE C	RILL	ED: 11/19/18 - 11/19/18	BORING DEPTH: 10.0	ft										
		CME 550	WATER LEVEL: Not Er	ncou	ıntered									
DRILLE	R: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 7'											
HAMME	R TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>										
SAMPL	ING N	METHOD: Split spoon												
DRILLIN	NG M	ETHOD: 21/4" H.S.A.								G: 11127	′63	EASTIN	G: 163500 2	2
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	2nd 6in / REC GO MO	3rd 6in / RQD YAN	1,0 2,1		N-Value (bpf) FINES % ▲ NM O 50 60 7	LL 	N VALUE
		▼ TOPSOIL - 2 inches					\/						:	
-		RESIDUM: SILT WITH SAN red, fine to medium, slightly r roots, some clay in upper foo sand with trace rock fragmen		-	SS-1	1	2	3					- 5 -	
-					_	SS-2	2	4	4					8
5—		SILTY SAND (SM) - loose, remedium, trace rock fragments slightly moist in SS-4			882.0—	SS-3	2	3	4	•				7
-				<u>HC</u>	- -	SS-4	1	2	3					- 5 -
10-		SILT WITH SAND (ML) - firm, yellow-brown, fine, micaceou coarse silty sand with rock fra 3 inches	s, layer of fine to		877.0—	SS-5	1	2	5	•				7
		Boring terminated at 10 feet												

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PROJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina								IG LO	G E	3-28			
CLIEN	<u>Г: Мс</u> [Farland-Johnson, Inc.	ELEVATION: 866.0 ft					NO	OTE	S:						
DATE	DRILL	ED: 11/20/18 - 11/20/18	BORING DEPTH: 20.0	ft												
DRILL	RIG: (CME 550	WATER LEVEL: 4 ft at	TOE	3; 5 ft at	24 hrs										
DRILLE	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 8'													
HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	<u> </u>												
SAMPL	ING N	METHOD: Split spoon														
DRILLI	NG M	ETHOD: 21/4" H.S.A.									3: 1113	743	EAST	ΓING: 16	35881	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN # LOOP	2nd 6in / REC BY AND	3rd 6in / RQD Y	1,0 2	PL 	FINES % NM 40 50 6	A) 90	N VALUE
	\bigotimes	TOPSOIL - 1 inch					M									
_		FILL: SILTY SAND (SM) - loos brown, fine to coarse, trace o	se, red gray organics, some clay		-	SS-1	A	2	3	4					-	7
-		ALLUVIUM: CLAYEY SAND (light brown to gray, fine, trace			_	SS-2	X	1	2	2					-	4
5— -		ALLUVIUM: SAND WITH SILT loose to medium dense, gray medium, moist to wet, few roo SS-4 (likely amplified N value	tan, fine to	Ţ Ž	861.0-	SS-3		2	4	2					-	6
-				<u>HC</u>	-	SS-4		5	6	7					-	13
- 10— -		ALLUVIUM: SANDY SILT (ML gray, fine, moist to wet, micad	.) - very soft, ceous		856.0—	SS-5		0	0	1					-	1
-		DECIDIUM. CILTY CAND (CI			- - -		M	1	1	2					-	
15— - -		RESIDUUM: SILTY SAND (SM wet, olive-brown, tan, fine to micaceous	medium,		851.0— -	SS-6									-	3
20—		Boring terminated at 20 feet			846.0—	SS-7		1	1	2					-	3

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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	PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina						ВС	ORIN	IG LC	OG E	3-29			
	CLIEN	T: Mc l	Farland-Johnson, Inc.	ELEVATION: 872.0 ft					١	IOTE	S:						
	DATE	DRILL	ED: 11/20/18 - 11/20/18	BORING DEPTH: 15.0	ft												
	DRILL	RIG: (CME 550	WATER LEVEL: 9.8 ft	at TC	OB; 10 ft	t at 24	hrs									
	DRILLI	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 11'													
	HAMM	ER TY	PE: Automatic	LOGGED BY: J. Gathro	0												
	SAMPI	LING N	METHOD: Split spoon														
	DRILLI	ING MI	ETHOD: 21/4" H.S.A.						_			G: 1113	3883	EAS	TING: 16	35934	
	DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN # / BTC	2nd 6in / REC AN	3rd 6in / RQD YLV	1,0	PL 20 30	PT N-Value FINES % NM 40 50 0	S. ▲	o 90	N VALUE
		\boxtimes	▼ TOPSOIL - 2 inches	/				$\backslash /$				'		:			
	-		FILL: SILTY SAND (SM) - ver brown black, fine to medium, fragments, trace roots and or	trace rock		-	SS-1	Å	2	2	2					_	4
	-		RESIDUUM: CLAY WITH SAN firm, red, fine, trace rock frag	ID (CL) - soft to ments		-	SS-2	\bigvee	0	2	2	•				-	4
24.GDT 1/2/19	5		SANDY SILT (ML) - firm, yello	ow red, fine to	-	867.0-	SS-3		2	3	5	•				-	8
EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19	-		SILTY SAND (SM) - very loos gray red, fine to coarse, some top of stratum	e to loose, dark		-	- SS-4		2	2	3	•				-	5
	10-		·		¥ HC	862.0-	SS-5 -		1	1	2	•				-	3
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT	- - 15—		Boring terminated at 15 feet			857.0-	SS-6		3	5	4	•				-	9

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	arolina							NG LOG E	3-30		
CLIEN'	T: Mc	Farland-Johnson, Inc.	ELEVATION: 884.0 ft					NOT	ES:				
DATE	DRILL	ED: 11/20/18 - 11/20/18	BORING DEPTH: 15.0	ft									
DRILL	RIG:	CME 550	WATER LEVEL: Not Er	ncou	intered								
DRILLI	ER: In	ndependence Drilling, Inc.	CAVE-IN DEPTH: 12.5'										
		PE: Automatic	LOGGED BY: J. Gathro										
SAMPI	LING N	METHOD: Split spoon											
DRILLI	NG M	ETHOD: 21/4" H.S.A.								G: 1114019	EASTING: 16	36056	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN # / Short	3rd 6in / RQD YLYC	PL 10 20 30	PT N-Value (bpf) ● FINES % ▲ NM LL 40 50 60 70 80	0 90	N VALUE
	XXII	TOPSOIL - 3 inches					$\backslash /$						
-		FILL: SILTY SAND (SM) - loo gray, fine to medium, trace ro coarse sand and rock fragme	oots, layer of		-	- SS-1	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	2 2	3				5
-		RESIDUUM: CLAY WITH SAN red, fine to medium, slightly n	ND (CL) - stiff, nicaceous		_	SS-2		6 5	6			_	11
5—		CANDY CILT (ML) stiff ever	esish rad fina ta		879.0-	SS-3		4 5	7	•		_	12
-		SANDY SILT (ML) - stiff, oran medium, micaceous	gish-rea, fine to		-	- SS-4		4 5	7	•		_	12
10-		SILTY SAND (SM) - loose, rec fine to medium, seams of coa fragments	d gray light tan, arse sand and rock		- 874.0-	SS-5		2 2	3	•		-	5
- - 15 <i>-</i>		SILTY SAND (SM) - dense, graphine to coarse, some rock frage		HC.	- - 869.0-	SS-6		5 12	20			-	32

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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.



	PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina						BORII	NG LOG	B-31		
	CLIEN	T: Mc	Farland-Johnson, Inc.	ELEVATION: 893.0 ft					NO	ΓES:				
			ED: 11/20/18 - 11/20/18	BORING DEPTH: 15.0	ft									
	DRILL	RIG: (CME 550	WATER LEVEL: Not E	ncou	ıntered								
			dependence Drilling, Inc.	CAVE-IN DEPTH: 11'										
			PE: Automatic	LOGGED BY: J. Gathro	0									
	SAMP	LING N	METHOD: Split spoon											
	DRILL	NG M	ETHOD: 21/4" H.S.A.								G: 1114178	EAST	ING: 1636	011
	DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	<u>[[]</u>	1st 6in / RUN # Sin / RUN # Si	Sond Gin / Rod Ostal	PL 10 20 3	SPT N-Value (FINES % NM 0 40 50 6		N VALUE
			▼ TOPSOIL - 2 inches	/				M						
	-		RESIDUUM: CLAY WITH SAN red, fine, trace roots, slightly	ND (CL) - firm, micaceous		-	- SS-1	\bigvee	2 3	5				- 8
	-		SANDY SILT (ML) - stiff, red, to medium, slightly micaceou fragments	yellow-tan, fine s, seams of rock		-	SS-2	\bigvee	4	7	•			12
.09_24.GDT 1/2/19	5—		SILTY SAND (SM) - medium brown, fine to coarse	dense, red		888.0-	SS-3		5	9	•			- 16 -
EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19	-		SILTY SAND (SM) - very loos gray, fine, slightly micaceous SS-5	e, red brown , slightly moist in		-	- SS-4		2 2	2	•			- 4
	- 10 <i>-</i> -				<u>HC</u>	- 883.0-	SS-5 -		1	2				3
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT	- - 15		SILTY SAND (SM) - medium yellow white Boring terminated at 15 feet	dense, gray		- - 878.0-	SS-6		3 (11				17

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- ${\it 3. \ STRATIFICATION \ AND \ GROUNDWATER \ DEPTHS \ ARE \ NOT \ EXACT.}$
- 4. WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.



PROJI	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina					ı	 30RII	NG LO	G B	-32			
CLIEN	T: McF	Farland-Johnson, Inc.	ELEVATION: 875.0 ft					NO.	TES:						
DATE	DRILLE	ED: 11/20/18 - 11/20/18	BORING DEPTH: 5.5 ft	t											
		CME 550	WATER LEVEL: Not Er	ncol	ıntered										
		dependence Drilling, Inc.	CAVE-IN DEPTH: 4.5']							
		PE: Automatic	LOGGED BY: J. Gathro	<u> </u>]							
		METHOD: Split spoon													
DRILL	ING ME	ETHOD: 2 1/4 " H.S.A.								G: 1114 (034	EAST	ING: 16 3	36207	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	BLOW (CORE	OUNT Sud 6in / ROD Ard 6in / ROD 6in	10 2	PL	N-Value (b FINES % A NM O 50 60		90	N VALUE
		TOPSOIL - 3 inches		Ī			\setminus						_ :		[
-		RESIDUUM: CLAY WITH SAN red, fine, slightly micaceous,				SS-1	<u> </u>	2 5	5 7					-	12
		PARTIALLY WEATHERED RO SAND (SM) - very dense, gray				SS-2	4	6 2	0 50/3"					>>	50/3"
	MATTER STATE OF THE PARTY OF TH	to coarse, some rock fragmer	nts			SS-3	50	/2"				:	:	>>	50/2"
9_24.GDI 1/2/19 - 5		PARTIALLY WEATHERED ROWITH SILT (SP-SM) - very de fine to coarse, some rock frag	ense, gray white,	<u>HC</u>	870.0-									-	
SAME BURING LUG - VUGILE 1420-18-129 GSP PAKNING LU EAPANSIUNS, GPJ SAME 2009_09_24, GDT 1/2/19		Refusal at 5.5 feet Boring terminated at 5.5 feet													

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PRO	OJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 1420	rolina						В	ORIN	NG L	og	S-	-33				
CLI	ENT	Γ: <u>McI</u>	Farland-Johnson, Inc.	ELEVATION: 933.0 ft												s perfo			ie
			ED: 11/15/18 - 11/15/18	BORING DEPTH: 5.0 ft	t											of sup			n
			CME 550	WATER LEVEL: Not E		unter	red			PWR	and a	auger	refus	sal) w	vas ba	ased c	on obs	serve	d
			dependence Drilling, Inc.	CAVE-IN DEPTH: 2'												nickne			
1AH	MME	ER TY	PE: N/A	LOGGED BY: J. Gathro	0											roxima ed by r			
SA	MPL	ING N	METHOD: (No Sampling)												1				
DRI	ILLII	NG ME	ETHOD: 21/4" H.S.A. Auger Boring			1			1 D	NORT		G: 111	2457			STING		3976	
DEPTH	(feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION	(feet)	SAMPLE NO.	1st 6in / RUN # — ¤	Sud 6in / REC	3rd 6in / RQD YLV	1,0	PL ⊕ 20		FINES NM	w ▲ 60 70	LL	9,0	N VALUE
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19	5		PARTIALLY WEATHERED RO dense, based on observed ra Refusal at 5 feet Boring terminated at 5 feet	DCK - Very	<u>HC</u>				55	2r	že i i i i i i i i i i i i i i i i i i i	10	20	30 44	0 50	60 7) 80	90	

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PROJE	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 1420	rolina							IG L							
CLIEN'	T: McI	Farland-Johnson, Inc.	ELEVATION: 932.0 ft											s perfo			
		ED: 11/15/18 - 11/15/18	BORING DEPTH: 9.0 ft											of sup ncy da			
		CME 550	WATER LEVEL: 5.8 ft a	after	24 hrs (see B-3 N	lote) ^F	PWR a	and a	auger	refus	ısal) v	was ba	ased o	n ob	serve	d
DRILLI	ER: In	dependence Drilling, Inc.	CAVE-IN DEPTH: 7.5'											nicknes			
HAMM	ER TY	PE: N/A	LOGGED BY: J. Gathro	<u> </u>										roxima ed by n			
SAMPI	_ING N	METHOD: (No Sampling)															
DRILLI	NG ME	ETHOD: 21/4" H.S.A. Auger Boring								G: 111	2512	2	EAS	STING	: 163	4097	
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / BC	Sud 6in / REC Sud 6in / REC	3rd 6in / RQD YEA	10	PL ⊕ 20	ı	FINES		LL	00	N VALUE
5—		PARTIALLY WEATHERED RO dense, based on observed ra Refusal at 9 feet Boring terminated at 9 feet	DCK - Very	w My El	927.0—	/S	1816	2nd	3rd	1,0	20 20 20 20 20 20 20 20 20 20 20 20 20 2	30 4	40 50	60 70	80	90	

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PF	ROJE	CT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina						В	ORIN	NG LOG	S-35		
CI	_IEN	T: McI	Farland-Johnson, Inc.	ELEVATION: 932.0 ft									ling was perfo		
			ED: 11/15/18 - 11/15/18	BORING DEPTH: 1.5 ft	i								cations of supponsistency date		
			CME 550	WATER LEVEL: Not E		ıntere	ed) was based o		
			dependence Drilling, Inc.	CAVE-IN DEPTH: 1'									Depth/thicknes		
			PE: N/A	LOGGED BY: J. Gathro	0								ery approxima y caused by n		
S/	AMPL	ING N	METHOD: (No Sampling)												
DF	RILLI	NG MI	ETHOD: 21/4" H.S.A. Auger Boring									G: 1112674	EASTING	: 1634212	
DEPTH	(feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION	(feet)	SAMPLE NO. SAMPLE TYPE	1st 6in / RUN # / G	Sud 6in / REC DOORD	3rd 6in / RQD YLV	PL 10 20 30	PT N-Value (bpf) FINES % ▲ NM 40 50 60 70	LL	N VALUE
	_		Auger boring through soil (no	SPT sampling)	<u>HC</u>		_							-	
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19			Refusal at 1.5 feet Boring terminated at 1.5 feet												

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PRO	DJECT	Γ:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 142	rolina							во	RIN	IG L	og	S	-36				
CLII	ENT:	M <u>c</u> F	arland-Johnson, Inc.	ELEVATION: 933.0 ft															ed at th	
			D: 11/15/18 - 11/15/18	BORING DEPTH: 2.5 ft	t														nental depth t	
			ME 550	WATER LEVEL: 2 ft aft		4 h	rs (se	e B-3 N	lote)										oserve	
			lependence Drilling, Inc.	CAVE-IN DEPTH: N/A															f PWR	
			PE: N/A	LOGGED BY: J. Gathro	0														Refus rock.	
SAN	/PLIN	G M	ETHOD: (No Sampling)												,		,			
DRI	LLING	ME	THOD: 21/4" H.S.A. Auger Boring										3: 111	2708	3	ΕA	STIN	G: 16	34195	
DEPTH	(feet) GRAPHIC	FOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION	(feet)	SAMPLE NO.	SAMPLE TYPE	+	2nd 6in / REC 300 N	3rd 6in / RQD Y	10	PL ⊕ 20 :		FINES		LL	9,0	N VALUE
			Auger boring through soil (no	SPT sampling)					Ì			.,					:			
			PARTIALLY WEATHERED RO dense, based on observed ra		Ā		-													- -
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19			Refusal at 2.5 feet Boring terminated at 2.5 feet																	

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CLIENT: McFarland-Johnson, Inc. ELEVATION: 930.0 ft DATE DRILLED: 11/15/18 BORING DEPTH: 15.5 ft DRILL RIG: CME 550 WATER LEVEL: Not Encountered DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: NA LOGGED BY: J. Gathro SAMPLING METHOD: (No Sampling) DRILLING METHOD: 2½" H.S.A. Auger Boring MATERIAL DESCRIPTION MATERIAL DESCRIPTION Auger boring through soil (no SPT sampling) Auger boring through soil (no SPT sampling) PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet Boring terminated at 8.5 feet	PROJECT	GSP Airport Parking L Greer, South C S&ME Project No. 1	arolina							IG LOG				
DATE DRILLED: 11/15/18-11/15/18 BORING DEPTH: 8.5 ft WATER LEVEL: Not Encountered PWR and auger refusal) was based on observed rate of drilling. Depth/thickness of P should be considered very approximate. Rat this location was likely caused by mass roughly and the provided by mass roughly and	CLIENT: I	McFarland-Johnson, Inc.	ELEVATION: 930.0 ft											
DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: N/A HAMMER TYPE: N/A SAMPLING METHOD: (No Sampling) DRILLING METHOD: 2½" H.S.A. Auger Boring MATERIAL DESCRIPTION Auger boring through soil (no SPT sampling) Auger boring through soil (no SPT sampling) PATIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet	DATE DRI	RILLED: 11/15/18 - 11/15/18	BORING DEPTH: 8.5 f	t										
DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: N/A HAMMER TYPE: N/A LOGGED BY: J. Gathro SAMPLING METHOD: (No Sampling) DRILLING METHOD: 2½" H.S.A. Auger Boring MATERIAL DESCRIPTION Auger boring through soil (no SPT sampling) Auger boring through soil (no SPT sampling) PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet					ıntered									
HAMMER TYPE: N/A LOGGED BY: J. Gathro SAMPLING METHOD: (No Sampling) DRILLING METHOD: 2½" H.S.A. Auger Boring MATERIAL DESCRIPTION Auger boring through soil (no SPT sampling) Auger boring through soil (no SPT sampling) PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet			CAVE-IN DEPTH: N/A											
SAMPLING METHOD: (No Sampling) PRILLING METHOD: 2½" H.S.A. Auger Boring MATERIAL DESCRIPTION Auger boring through soil (no SPT sampling) Auger boring through soil (no SPT sampling) PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet	HAMMER	R TYPE: N/A	LOGGED BY: J. Gathr	0										
MATERIAL DESCRIPTION	SAMPLING	NG METHOD: (No Sampling)					\bot				<u> </u>			
Auger boring through soil (no SPT sampling) 925.0- Lens of rocky material at 6 ft PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet	DRILLING	G METHOD: 21/4" H.S.A. Auger Borin	<u> </u>							3: 1112936	E	EASTING: 16	34289	
Auger boring through soil (no SPT sampling) 925.0- Lens of rocky material at 6 ft PARTIALLY WEATHERED ROCK - Very dense, based on observed rate of drilling Refusal at 8.5 feet	DEPTH (feet) GRAPHIC	MATERIAL DE	SCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / B	2nd 6in / REC		PL 4- 10 20 3	FIN	NES % ▲	0 90	N VALUE
	5—	PARTIALLY WEATHERED I dense, based on observed Refusal at 8.5 feet	at 6 ft ROCK - Very rate of drilling		925.0—		3,1		31	10 20 3	30 40	50 60 70 8	D 90	

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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			S&ME Project No. 1420	rolina 6-18-129						BOR	ING L	.OG	S-3	88		
- 10	CLIEN.	T: McI	Farland-Johnson, Inc.	ELEVATION: 920.0 ft			•							was perfor		
			ED: 11/16/18 - 11/16/18	BORING DEPTH: 6.0 ft										ons of supplestency data		
			CME 550	WATER LEVEL: Not E		ıntered								s based on		
			dependence Drilling, Inc.	CAVE-IN DEPTH: N/A										th/thickness		
			PE: N/A	LOGGED BY: J. Gathro	<u> </u>									approximate used by ma		
			METHOD: (No Sampling)						_ u	1110 100	ation	was inc	oly od	lacea by The	200 TOOK.	
1	DRILLI	NG ME	ETHOD: 21/4" H.S.A. Auger Boring							ORTHI		12606		EASTING:	1634448	
1	_	ပ			VEL	Z C	ō.	YPE	BLOW / COF	/ COUNT RE DATA			SPT N	-Value (bpf) ●		Ш
	DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN #	2nd 6in / REC	1,0	PL 20 3		NES % ▲ NM L O 70		N VALUE
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19	5—		PARTIALLY WEATHERED ROdense, based on observed rate. Refusal at 6 feet. Boring terminated at 6 feet.	DCK - Very		915.0-									-	

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PROJ	ECT:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 1420	rolina					ВС	DRIN	IG L	OG	; ;	3-39				
CLIEN	T: Mc	Farland-Johnson, Inc.	ELEVATION: 916.0 ft												erforme		
DATE	DRILL	ED: 11/19/18 - 11/19/18	BORING DEPTH: 8.0 ft												upplen data (d		
DRILL	RIG: (CME 550	WATER LEVEL: Not Er	ncou	ntered		F	· WR	and a	auger	refu	usal)	was b	based	d on ol	oserve	ed
		dependence Drilling, Inc.	CAVE-IN DEPTH: N/A												ness o		
		PE: N/A	LOGGED BY: J. Gathro	<u> </u>											mate. y mass		
SAMP	LING N	METHOD: (No Sampling)															
DRILL	ING MI	ETHOD: 21/4" H.S.A. Auger Boring						NORT		3: 111	260)6	EA	ASTIN	NG: 16	34487	
_	ပ္			WATER LEVEL	N O	SAMPLE NO.		OW COL ORE DA	JN I ATA			SP	PT N-Va	ılue (bp	of)		Щ
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	RLE	EVATI (feet)	λE LET	RUN #	REC	RQD				FINES	S % 🔺	.		N VALUE
	GR			'ATE	ELEVATION (feet)	SAMPLE NO	1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD		F	PL 30	NM O	И	UL ⊕		ź
		Auger boring through soil (no	")			o, o	18	- -	310	1,0	<u>20</u> :	30	40 50	0 60	70 80	90	
5—		PARTIALLY WEATHERED RO dense, based on observed ra Refusal at 8 feet Boring terminated at 8 feet	DCK - Very		911.0—											-	

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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	Parking Lot South Car oject No. 1426	rolina							IG LO					
CLIENT: McFarland-Johnson, Inc.		ELEVATION: 916.0 ft										performe supplem		ne
DATE DRILLED: 11/19/18 - 11/19/18	3	BORING DEPTH: 20.0	ft									supplen y data (c		0
DRILL RIG: CME 550		WATER LEVEL: 16 ft a	t TO	B; 16 ft	at 24 hrs		PWR	and a	auger ref	usal) v	was bas	sed on ob	serve	d
DRILLER: Independence Drilling, In	nc.	CAVE-IN DEPTH: 17'										ckness of		
HAMMER TYPE: N/A		LOGGED BY: J. Gathro	<u> </u>									ximate. by mass		
SAMPLING METHOD: (No Samplin	g)													
DRILLING METHOD: 21/4" H.S.A. AL	uger Boring								3: 11127	73	EAST	ΓING: 16	34589	
(feet) (GRAPHIC LOG	RIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / PB	2nd 6in / REC OO MO	3rd 6in / RQD YEA	1,0 2,0	SPT	FINES % NM O 50 6	A	90	N VALUE
PARTIALLY WEAT dense, based on co	THERED RC observed ra	DCK - Very te of drilling	\ \ \	911.0—					- γ - γ - γ - γ - γ - γ - γ - γ - γ - γ - γ -					
Refusal at 20 feet Boring terminated														

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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PRO	DJECT	T:	GSP Airport Parking Lo Greer, South Ca S&ME Project No. 1420	rolina							ВС	PRIN	IG L	og	s	-41				
CLI	E <u>NT:</u>	McF	arland-Johnson, Inc.	ELEVATION: 906.0 ft													s perf			ie
			ED: 11/16/18 - 11/16/18	BORING DEPTH: 5.0 ft	t												of sup			n
			CME 550	WATER LEVEL: Not En		unte	ered			P	WR a	and a	auger	refus	sal) ۱	was b	ased	on ob	serve	d
			dependence Drilling, Inc.	CAVE-IN DEPTH: N/A													hickne			
HAN	<u>име</u> к	₹ TYF	PE: N/A	LOGGED BY: J. Gathro	0												roximated by			
SAN	/PLIN	IG M	ETHOD: (No Sampling)							_					-	ı				
DRI	LLING	3 ME	THOD: 21/4" H.S.A. Auger Boring			1		ı .	.,				3: 111	2634			STING		4613	
DEPTH	(feet) GRAPHIC	POOT	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION	(feet)	SAMPLE NO.	SAMPLE TYPE	1st 6in / RUN # 1 OO	Snd 6in / REC By BOD M	3rd 6in / RQD	1,0	PL 20		FINES		LL	90	N VALUE
S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19	-		PARTIALLY WEATHERED ROdense, based on observed rate. Refusal at 5 feet. Boring terminated at 5 feet.	OCK - Very	W .				o .	185	2n	3π	10	20	30 4	0 50	60 7	0 80	90	

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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 Lo Greer, South Ca S&ME Project No. 142	rolina							NG LOG				
CLIENT: McF	Farland-Johnson, Inc.	ELEVATION: 906.0 ft							lo SPT samp gs (added lo				
DATE DRILLE	ED: 11/19/18 - 11/19/18	BORING DEPTH: 15.0	ft						gs (added lo ı). Material c				
DRILL RIG: C	CME 550	WATER LEVEL: 8.5 ft a	at TC)B; 9 ft a	at 24 hrs		PWR	and a	auger refusa	l) was bas	sed on ob	serve	ed
DRILLER: Inc	dependence Drilling, Inc.	CAVE-IN DEPTH: 11'							cult drilling.				
HAMMER TYI	PE: N/A	LOGGED BY: J. Gathro	<u> </u>						considered v tion was like				
SAMPLING M	IETHOD: (No Sampling)												
DRILLING ME	THOD: 21/4" H.S.A. Auger Boring								G: 1112803	EAS	TING: 163	4731	
DEPTH (feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st 6in / RUN # / B	2nd 6in / REC GO MO	3rd 6in / RQD ALV	PL 10 20 30	FINES % NM 40 50 6	•	90	N VALUE
5-	PARTIALLY WEATHERED Reddense, based on observed ra	OCK - Very	\(\overline{\text{\subset}}\) HC	901.0-								-	
	Refusal at 15 feet Boring terminated at 15 feet												

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

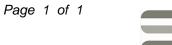
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PROJECT: GSP Airport Parking Lot Expansions Greer, South Carolina S&ME Project No. 1426-18-129								BORING LOG S-43											
CLIENT: McFarland-Johnson, Inc. ELEVATION: 911.0 ft							NOTES: No SPT sampling was performed at the "S-#" borings (added locations of supplemental												
DATE DRILLED: 11/20/18 - 11/20/18 BORING DEPTH: 6.0														of sup ency da					
		CME 550	WATER LEVEL: Not Er		ntered		F	PWR	and a	auger	refu	usal)	was b	ased c	on ob	serve	d		
			CAVE-IN DEPTH: 5'					rate of difficult drilling. Depth/thickness of PWR											
			LOGGED BY: J. Gathro	<u> </u>				should be considered very approximate. Refusal at this location was likely caused by mass rock.											
SAMP	LING N	METHOD: (No Sampling)					\perp												
DRILL	NG ME	ETHOD: 21/4" H.S.A. Auger Boring				1				G: 111	295	i2	EA	STING	NG: 1634705				
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				SAMPLE NO.	1st 6in / RUN # / BCC	Sud 6in / REC Su			FINES % A				LL		N VALUE		
5—	9	PARTIALLY WEATHERED ROdense, based on observed rate. Refusal at 6 feet Boring terminated at 6 feet.	DCK - Very	HATER LEVE	(feet) (feet)	SAN	181 Gir	2nd 6i	3rd 6i	10	4	30	40 50	60 7	D 80	90 -	Z		

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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 perfo																	
DATE DRILLED: 11/20/18 - 11/20/18 BORING DEPTH: 9.0 ft					"S-#" borings (added locations of supplen																	
DRILL RIG: CME 550 WATER LEVEL: 6 ft aft					fter 24 hrs PWR and auger refusal) was based on											serve	ed					
DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: 6.3'								rate of difficult drilling. Depth/thickness of PWR should be considered very approximate. Refusal														
HAMM	ER TY	PE: N/A	LOGGED BY: J. Gathro	<u> </u>										y approximate. Refusal caused by mass rock.								
SAMP	_ING N	METHOD: (No Sampling)				\perp																
DRILL	NG ME	ETHOD: 21/4" H.S.A. Auger Boring				1				G: 111	266	5	EAS	STIN	G: 163	34758	_					
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	1st Gin / RUN # / BTG	/ RUN / REC N / ROD NIN /						Value (bpf) ● IES % ▲ NM			N VALUE					
5—		PARTIALLY WEATHERED ROdense, based on observed rate. Refusal at 9 feet Boring terminated at 9 feet	DCK - Very	A WA	897.0—	SAI	1816	2nd (3rd 6	10	20	D_30	Φ 40 50	60 7	70 80	90						
		ı			ĺ																	

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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												
DATE DRILLED: 11/20/18 - 11/20/18 BORING DEPTH: 2																			
DRILL RIG:	at TC)B; 3.5 f	t at 24	hrs	exploration). Material consistency data (depth to PWR and auger refusal) was based on observed														
DRILLER: Independence Drilling, Inc. CAVE-IN DEPTH: 7.5'							rate of difficult drilling. Depth/thickness of PWR												
HAMMER TY	/PE: N/A	LOGGED BY: J. Gathro	<u> </u>						be considered very approximate. Refusal location was likely caused by mass rock.										
SAMPLING I	METHOD: (No Sampling)																		
DRILLING M	ETHOD: 21/4" H.S.A. Auger Boring						NOR BLOW CO / CORE D	THING	G: 1112467	EAS	TING: 163457	6							
(feet) GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT N-Value FINES % NM O 40 50 6	,	N VALUE											
5	PWR LENS PARTIALLY WEATHERED Redense, based on observed rates Boring terminated at 20 feet	OCK - Very	<u>.</u>	901.0— 896.0— 891.0— 886.0—		SAMPLE TYPE	1st 6in / RUN 1st 6in / REC	3rd 6in / RQD	10 20 3										

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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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 pe																
DATE DRILLED: 11/20/18 - 11/20/18 BORING DEPTH:				"S-#" borings (added locations of supplem exploration). Material consistency data (c																	
DRILL RIG: CME 550 WATER LEVEL: 10 ft					B; 8.2 ft	at 24 hrs	; I	PWR and auger refusal) was based on observed													
		dependence Drilling, Inc.	CAVE-IN DEPTH: 9.5'	rate of difficult drilling. Depth/thicknesshould be considered very approximation																	
		PE: N/A	LOGGED BY: J. Gathro	<u> </u>											by mass rock.						
SAMPL	ING M	METHOD: (No Sampling)																			
DRILLI	NG M	ETHOD: 21/4" H.S.A. Auger Boring						NORT		3: 111	240)0	E/	ASTI	ING: 1634686						
-	ပ			VEL	N C	SAMPLE NO.		OW COL	JN1 ATA			SP	PT N-Value (bpf) ●				ш				
DEPTH (feet)	GRAPHIC LOG	MATERIAL DES	CRIPTION	WATER LEVEI	ELEVATION (feet)	SAMPLE NO	# NO	REC 3QD					FINE	ES % 🗸	L		N VALUE				
	GR/				EV.	AMF	1st 6in / RUN #	2nd 6in / REC	3rd 6in / RQD	PL NM LL 10 20 30 40 50 60 70 80						> z					
						8 78	13t		3rd	1,0	20	30	40 5	9 60	70 8	0 90	\perp				
5—		PARTIALLY WEATHERED RO dense, based on observed ra Refusal at 11 feet Boring terminated at 11 feet	DCK - Very	<u>F</u> FC □	896.0— - 891.0— -																

S&ME BORING LOG - VOGTLE 1426-18-129_GSP PARKING LOT EXPANSIONS.GPJ S&ME 2009_09_24.GDT 1/2/19

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