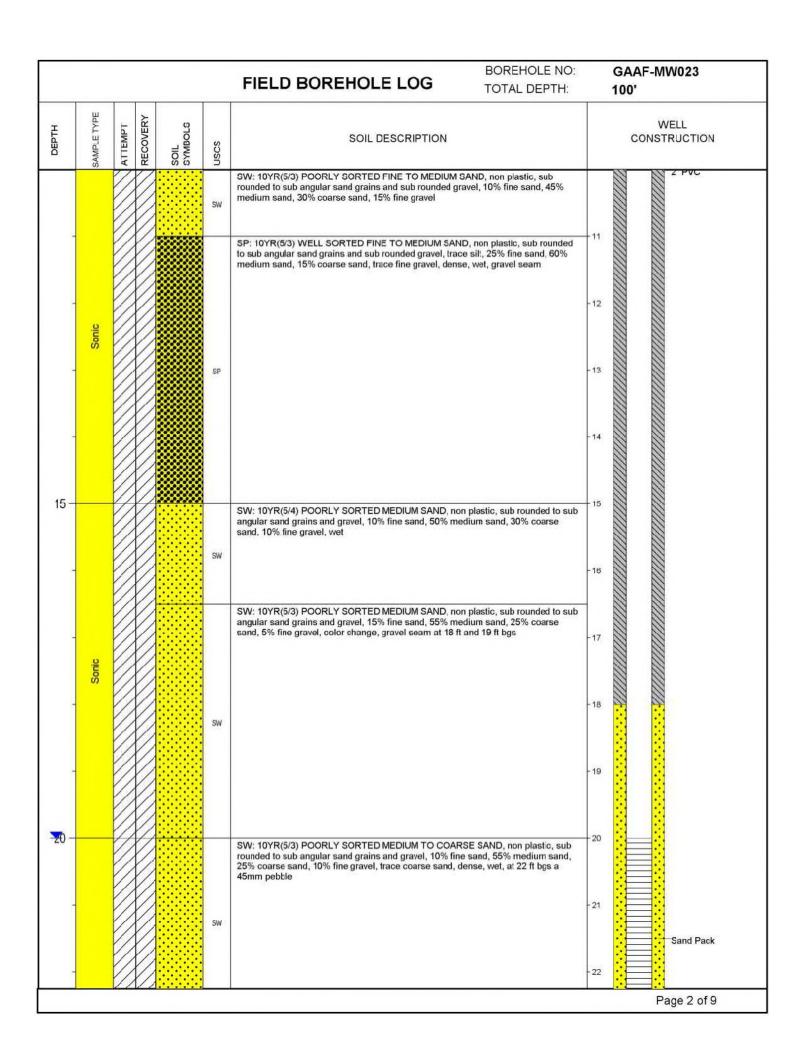
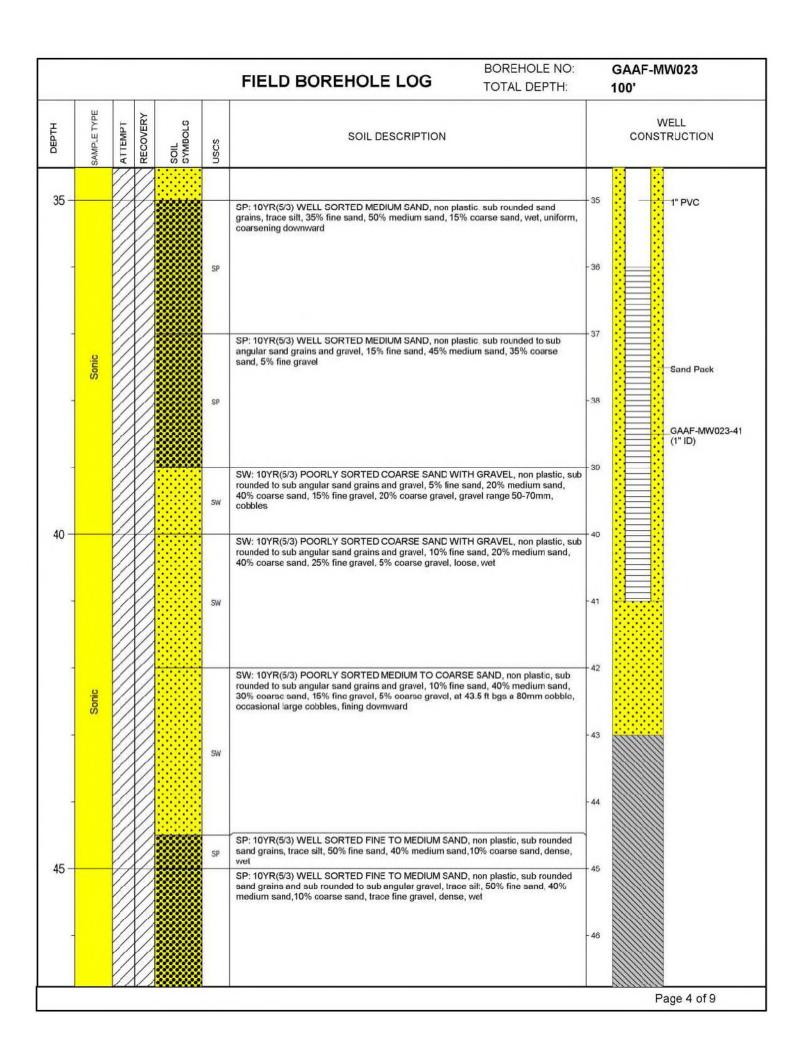
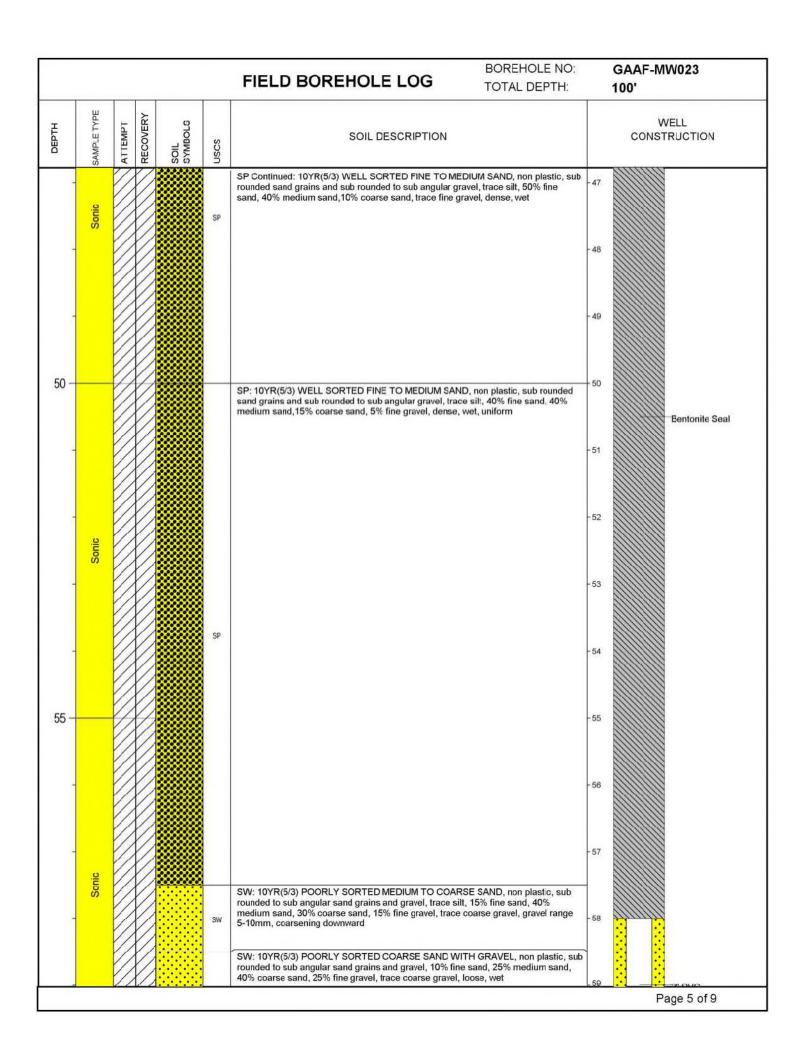


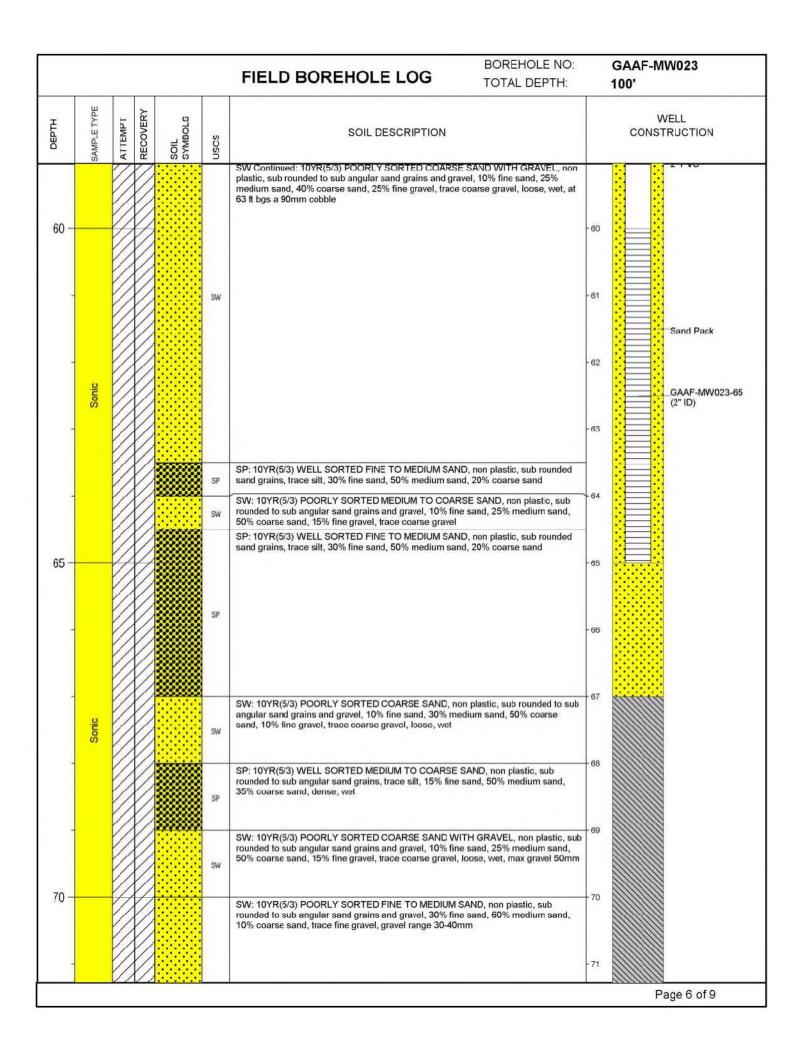
	Δ	\=C	OM		FIELD BOREHOLE	100	REHOLE NO: TAL DEPTH:	GAAF-MW023 100'
	•		The state of the s		RMATION	36 (A.M.) 1962	RILLING INFOR	(-1-m) and
PROJI	ECT:	FRC	Grayl	ing A	rea PFAS	CONTRACTOR: CREW CHIEF:	NVIATION	
SITE L	OCAT	ION:	Grayl	ing, N	11	DRILL RIG TYPE:	Geoprobe l	8140DT
PROJI	ECT NO	O.:	60551	441		DRILLING METHOD:	Sonic	
PROJI	ECT MA	ANAGER:	Matt \	Vande	rEide	HOLE DIAMETER:	8 1/4"	
ogg	ED BY		Kelly	Moss		DATE START:	10/16/19	
CREA	TED BY	Y:	Stanle	ey Kre	enz	DATE END:	10/23/19	
DEPTH	SAMPLE TYPE	ATTEMPT	SOIL	nscs	SOIL D	ESCRIPTION		WELL CONSTRUCTION
0				sw	SW: 10YR(2/2) POORLY SORTED N angular sand grains and gravel, 10% coarse sand, 10% fine gravel, trace of	silt, 15% fine sand, 40% me	dium sand, 25%	0
				sw	SW: 10YR(4/4) POORLY SORTED N angular sand grains and sub angular coarse sand, 5% fine gravel, trace co	gravel, 5% fine sand, 75% r	nedium sand, 15%	
			SW: 10YR(5/6) POORLY SORTED MEDIUM SAND, non plas grains and sub rounded to sub angular gravel, trace silt, 10% sand, 20% coarse sand, trace fine gravel, fining downward	ar gravel, trace silt, 10% fine	sub rounded sand sand, 70% medium			
5-	Sonic		5/		angular sand grains and gravel, 10%	SW: 10YR(5/4) POORLY SORTED MEDIUM SAND, non plastic, sub roun angular sand grains and gravel, 10% fine sand, 60% medium sand, 20% c sand, 10% fine gravel, trace coarse gravel, dense, moist, uniform		
5-	Sonic				No Recovery			-6 -6
-	So			SW	SW: 10YR(5/3) POORLY SORTED N rounded to sub angular sand grains a 40% medium sand, 35% coarse sand	and gravel, trace clay, 5% sil	t, 5% fine sand,	-8
10				SP	SP: 10YR(5/3) WELL SORTED FINE sand grains, trace silt, 35% fine sand uniform, fining downward			-9 Eentonite Seal

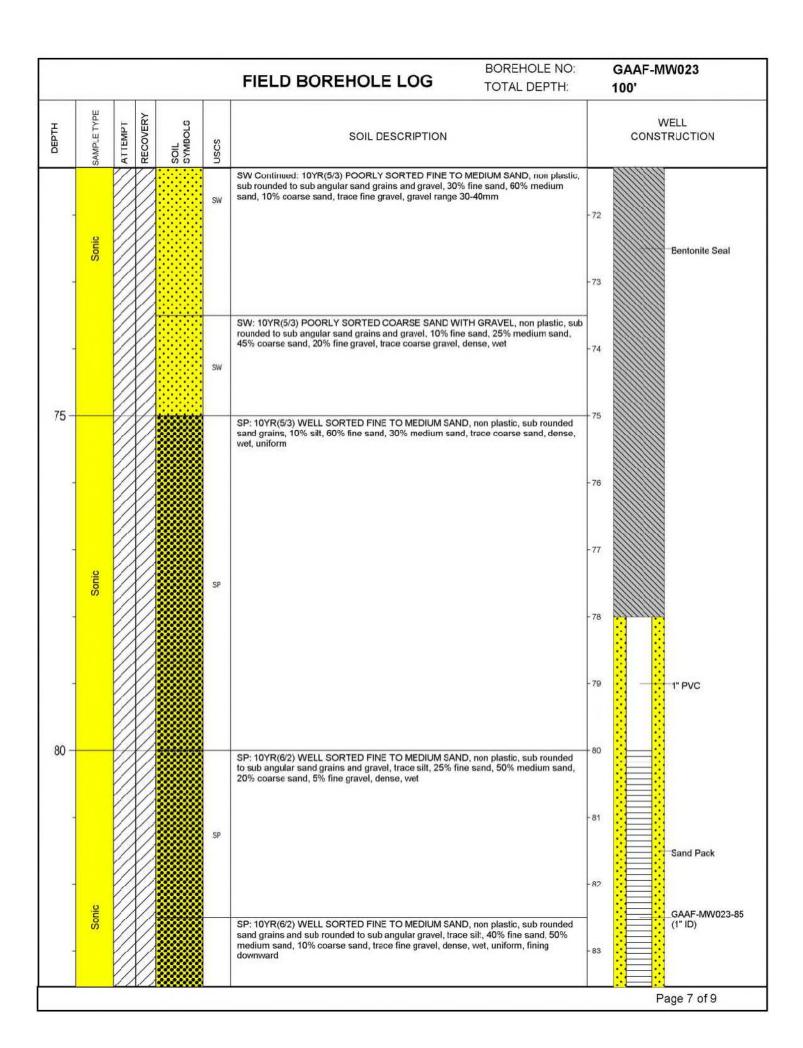


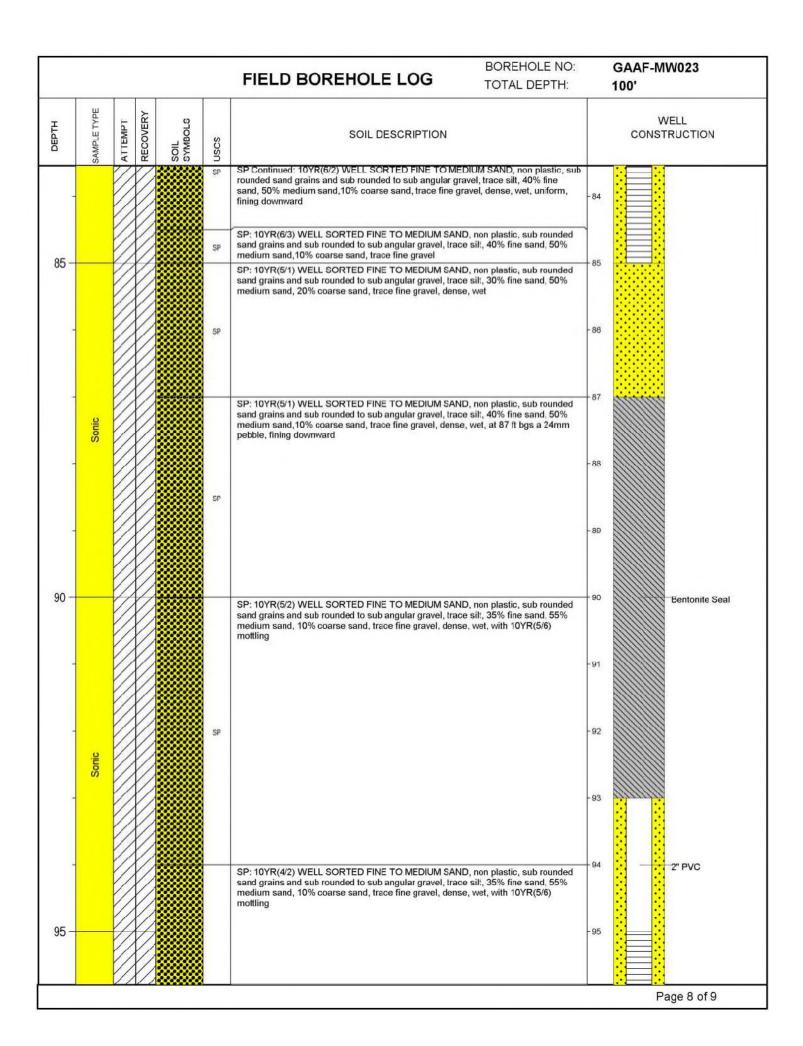
Sonic SAMPLETYPE	ATTEMPT	RECOVERY	SAMBOLS	SOSO	SOIL DESCRIPTION SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic sub rounded to sub angular sand grains and gravel, 10% fine sand, 65% medium sand, 20% coarse sand, 5% fine gravel, trace coarse sand, dense, wet, fining downward, at 24 ft bgs a 45mm pebble	WELL CONSTRUCT	F-MW023-25	
Sonic				SP	angular sand grains and gravel, 10% fine sand, 65% medium sand, 20% coarse sand, 5% fine gravel, trace coarse sand, dense, wet, fining downward, at 24 ft bgs a	(2" ID		
		1/				-24		
				sw	SW: 10YR(5/3) POORLY SORTED MEDIUM TO COARSE SAND, non plastic, sub rounded to sub angular sand grains and gravel, 10% fine sand, 55% medium sand, 25% coarse sand, 10% fine gravel, trace coarse sand, dense, wet, at 26 ft bgs a 40mm pebble	- 25		
					SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and sub rounded to sub angular gravel, 25% fine sand, 60% medium sand, 15% coarse sand, trace fine gravel, dense, wet, uniform	- 26		
Sonic				SP		-28		
					SP	SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, 15% fine sand, 40% medium sand, 40% coarse sand, 5% fine gravel, fining upward	- 29	
				SP	SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic sub rounded to sub angular sand grains and gravel, 10% fine sand, 60% medium sand, 30% coarse sand, trace fine gravel	-30 Eento	onite Seal	
Sonic				in the second se	SW: 10YR(5/3) POORLY SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, 10% fine sand, 45% medium sand, 35% coarse sand, 10% fine gravel, trace coarse sand, wet, uniform, gravel range 10-20mm	-32		
				SW		-34		
					SP	SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, fining upward SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, 15% fine sand, 40% medium sand, 40% coarse sand, 5% fine gravel, fining upward SP: 10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, 10% fine sand, 60% medium sand, 30% coarse sand, trace fine gravel SP: 10YR(5/3) POORLY SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, 10% fine sand, 45% medium sand, 35% coarse sand, 10% fine gravel, trace coarse sand, wet, uniform, gravel range 10-20mm	SP-10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular grave, 15% fine sand, 60% medium sand, 15% coarse sand, trace fine gravel, dense, wet, uniform SP-10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sard grains and gravel, 15% fine sand, 40% medium sand, 40% coarse sand, 5% fine gravel, fining upward SP-10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sard grains and gravel, 10% fine sand, 40% medium sand, 30% coarse sand, trace fine gravel SP-10YR(5/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sard grains and gravel, 10% fine sand, 60% medium sand, 30% coarse sand, trace fine gravel SP-10YR(5/3) POORLY SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sard grains and gravel, 10% fine sand, 45% medium sand, 35% coarse sand, trace fine gravel, trace coarse sand, wet, uniform, gravel range 10-20mm -32	

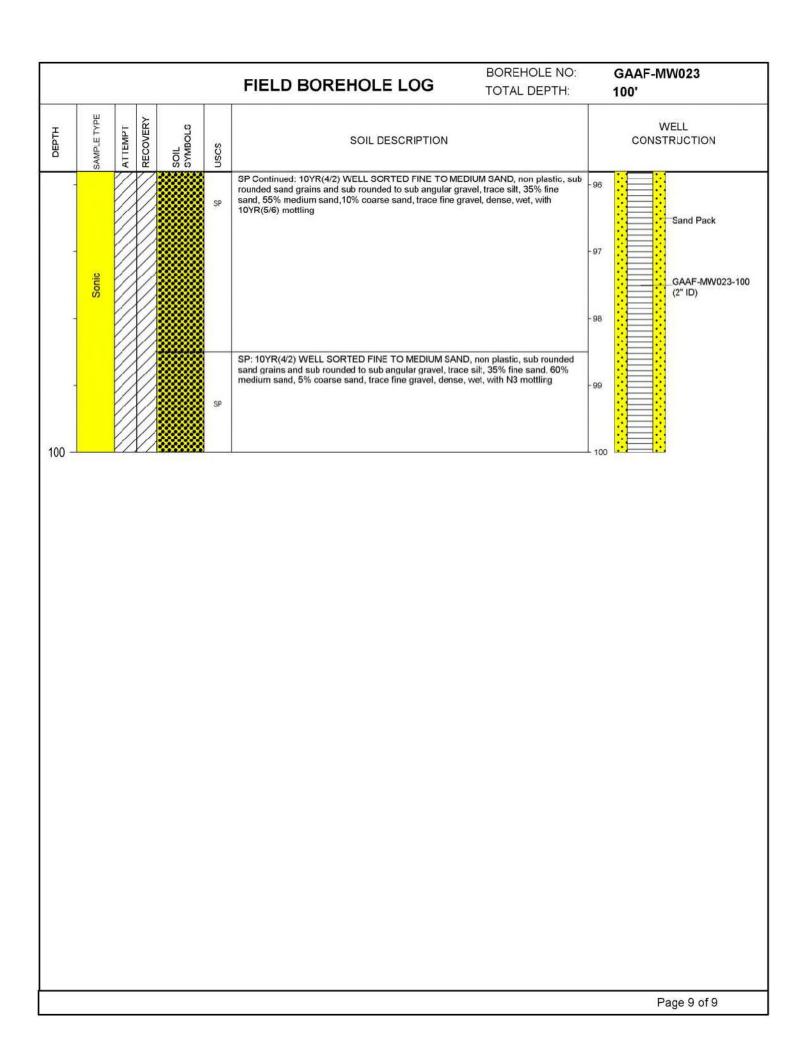




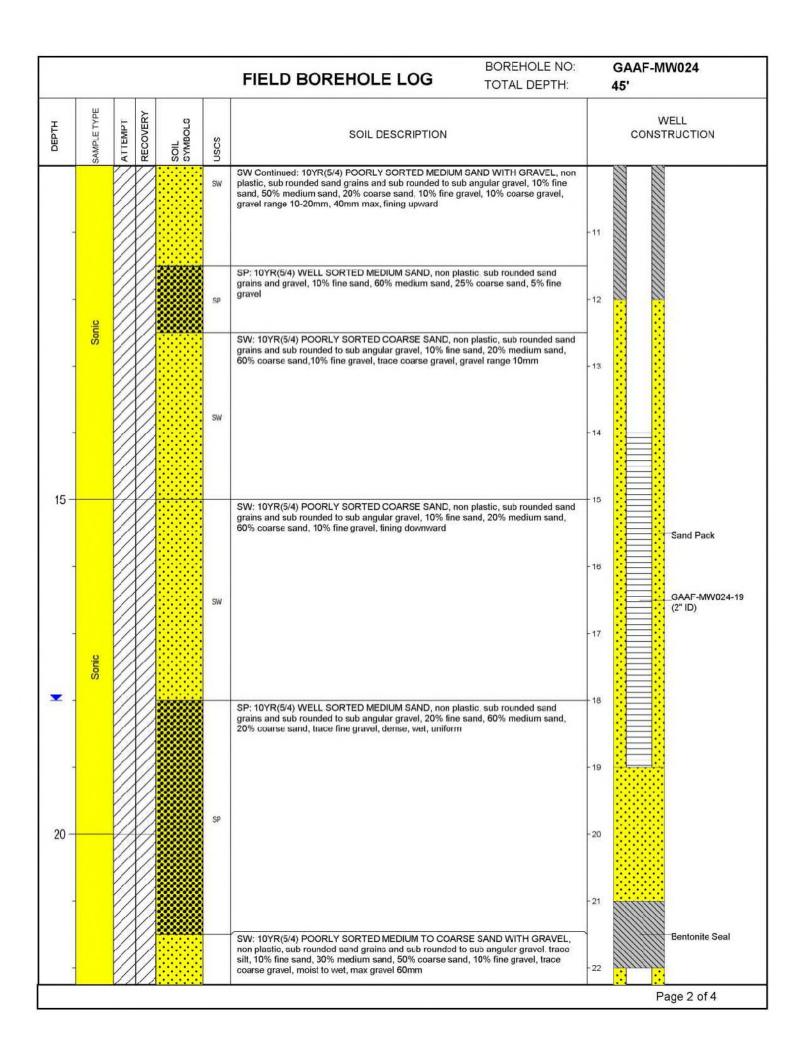


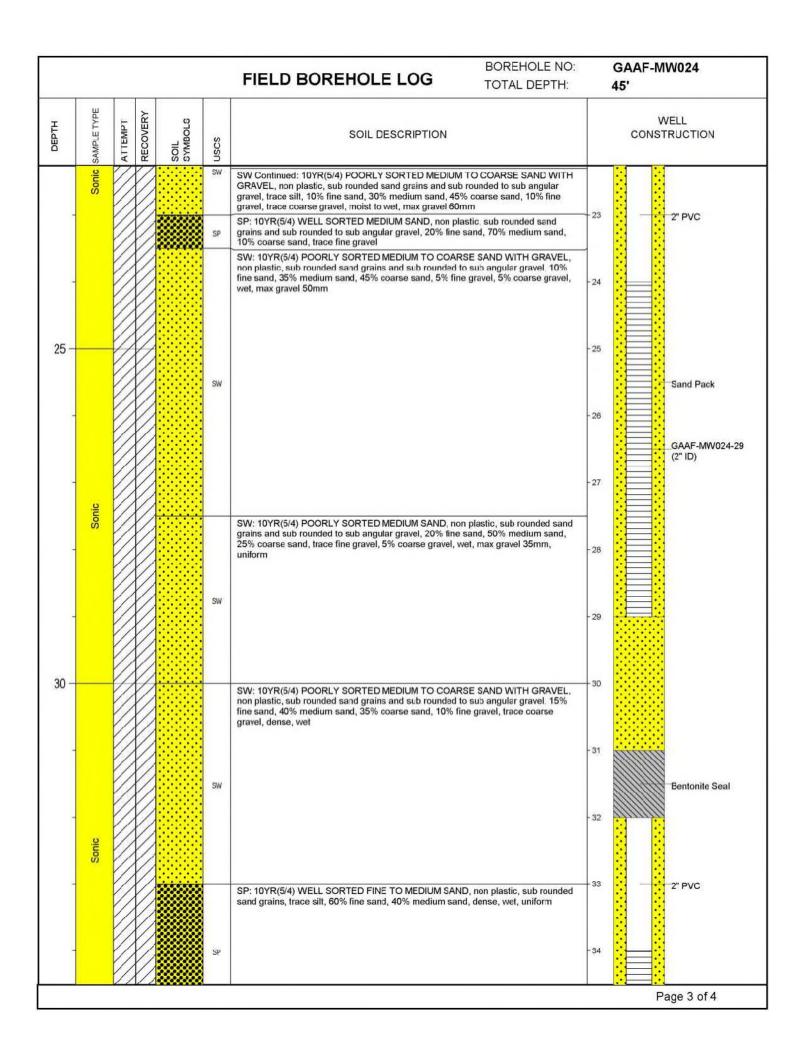


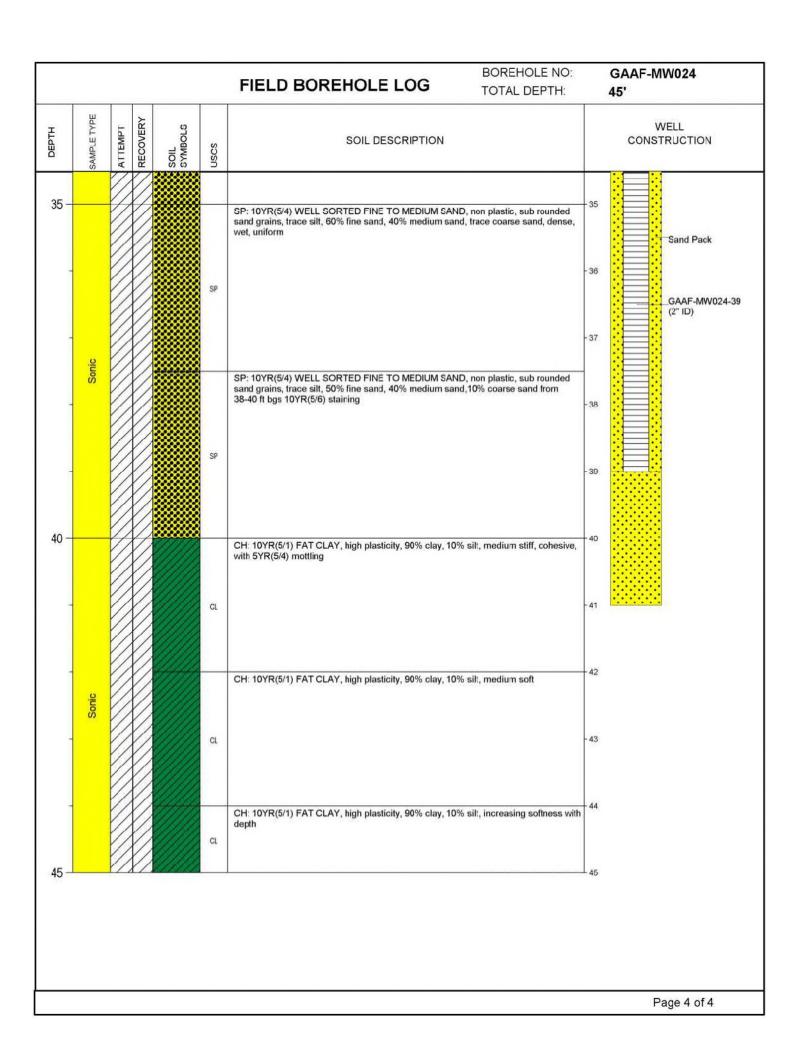




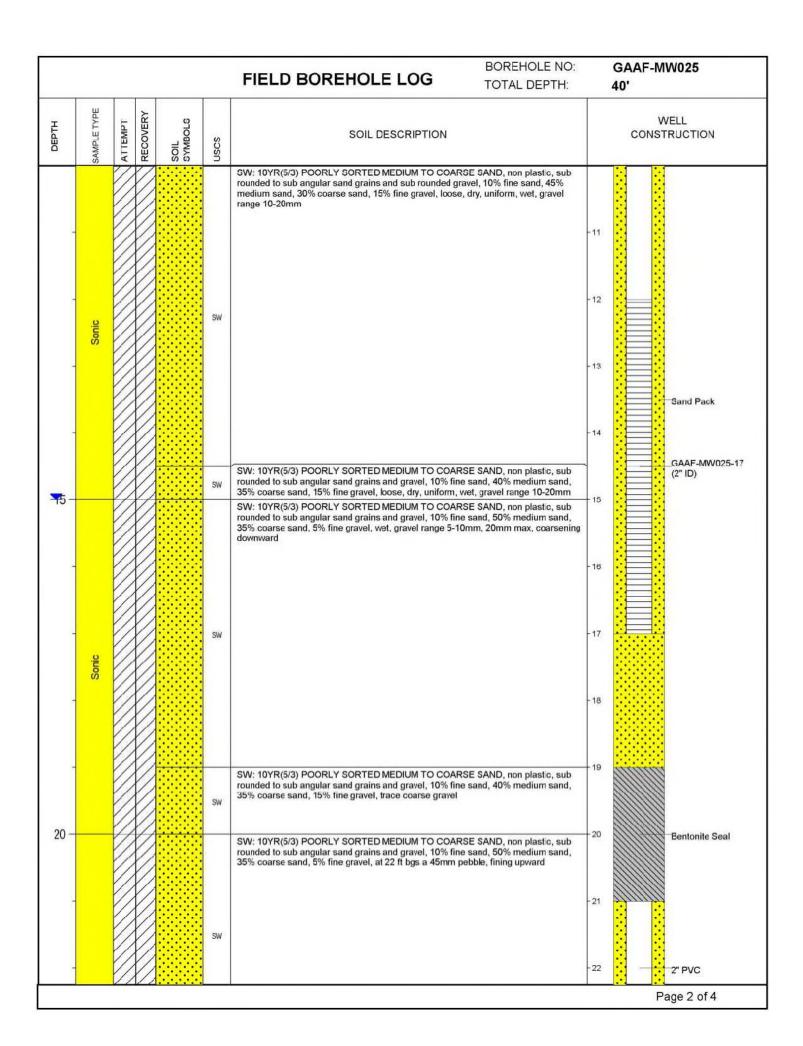
	A	\=C	OM		FIELD BOREHOLE	100	OREHOLE NO: OTAL DEPTH:	GAAF-MW024 45'
	•	0.00	A Paris of the Paris of		RMATION	V. 177.00 \$1900	RILLING INFOR	0.285/902
200 11	-OT-	inc			rea PFAS	CONTRACTOR:	Mateco	WATION
PROJI			445	5-77		CREW CHIEF:	Jeff Croel	
	OCAT		Grayl	and the state of t	11	DRILL RIG TYPE:	Geoprobe	8140DT
	ECT NO		60551	NEWS .		DRILLING METHOD		
		ANAGER:			erEide	HOLE DIAMETER:	8 1/4"	
.ogg	ED BY:	:	Kelly			DATE START: DATE END:	10/14/19 10/16/19	
CREA	TED BY	Y:	Stanle	ey Kre	enz	DATE END.	10/10/15	1
DEРТН	SAMPLE TYPE	ATTEMPT	SOIL	nscs	SOIL DE	ESCRIPTION		WELL CONSTRUCTION
0				SP	SP: 10YR(5/6) WELL SORTED MEDI grains, trace silt, 20% fine sand, 60% few roots and twigs	UM SAND, non plastic. su medium sand, 20% coars	b rounded sand e sand, moist, with a	
-	Sonic			SP SP	SP: 10YR(5/6) WELL SORTED MEDI grains, 20% fine sand, 65% medium s SP: 10YR(6/4) WELL SORTED MEDI grains, 15% fine sand, 65% medium s	um SAND, non plastic, su	olor lightens	
5					No Recovery SP: 10YR(5/4) WELL SORTED MEDIgrains and gravel, 15% fine sand, 60% gravel, wet from drilling, uniform, few	6 medium sand, 25% coar	b rounded sand se sand, trace fine	-6 Bentonite Seal
-	Sonic			SP	SW: 10YR(5/4) POORLY SORTED Mounded sand grains and sub rounded medium sand. 20% coarse sand, 10% 10-20mm, 40mm max, fining upward	to sub angular gravel, 10	% fine sand, 50%	

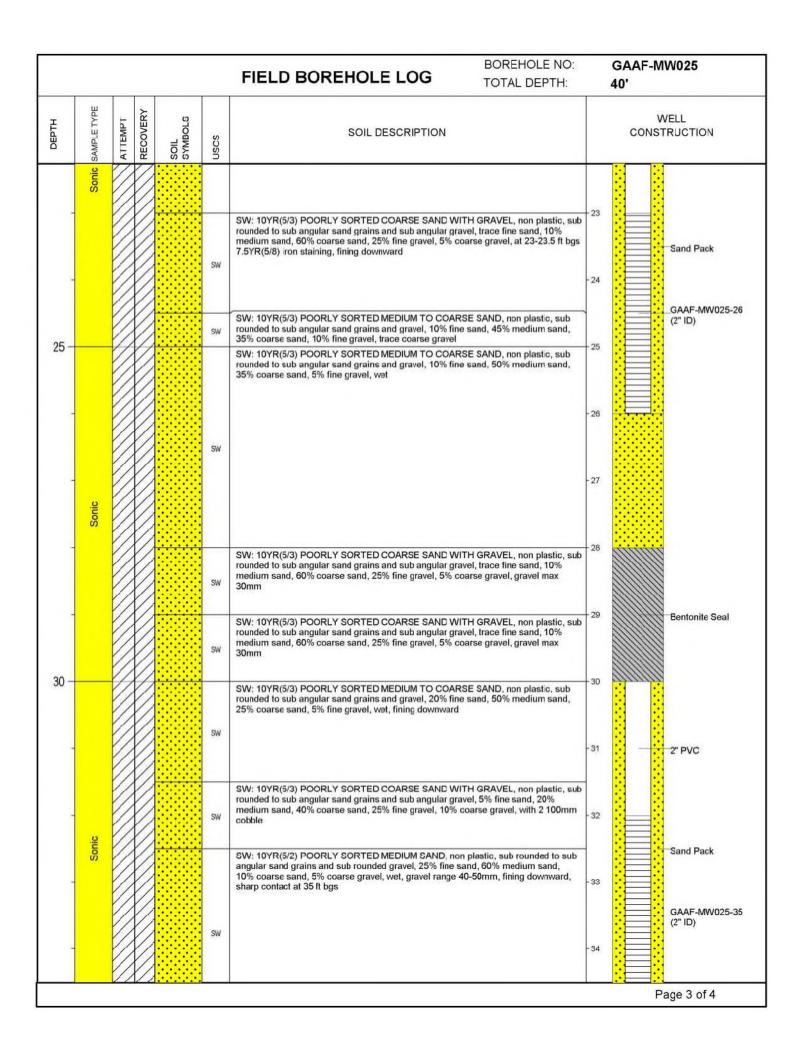


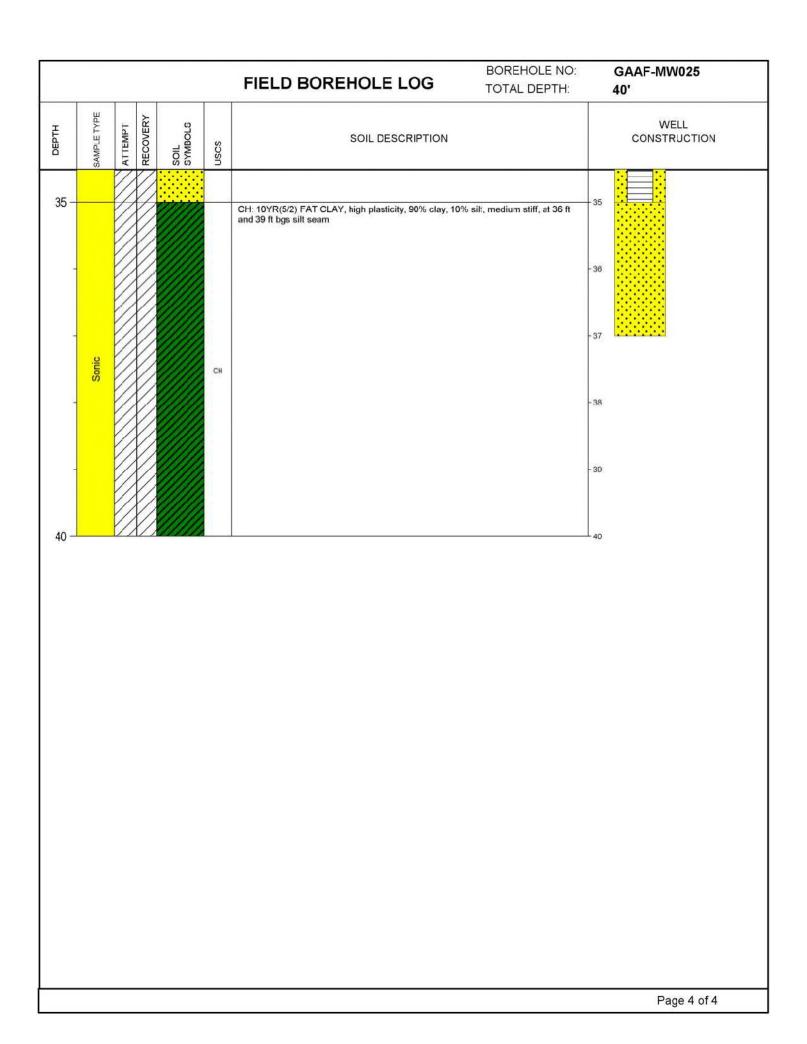




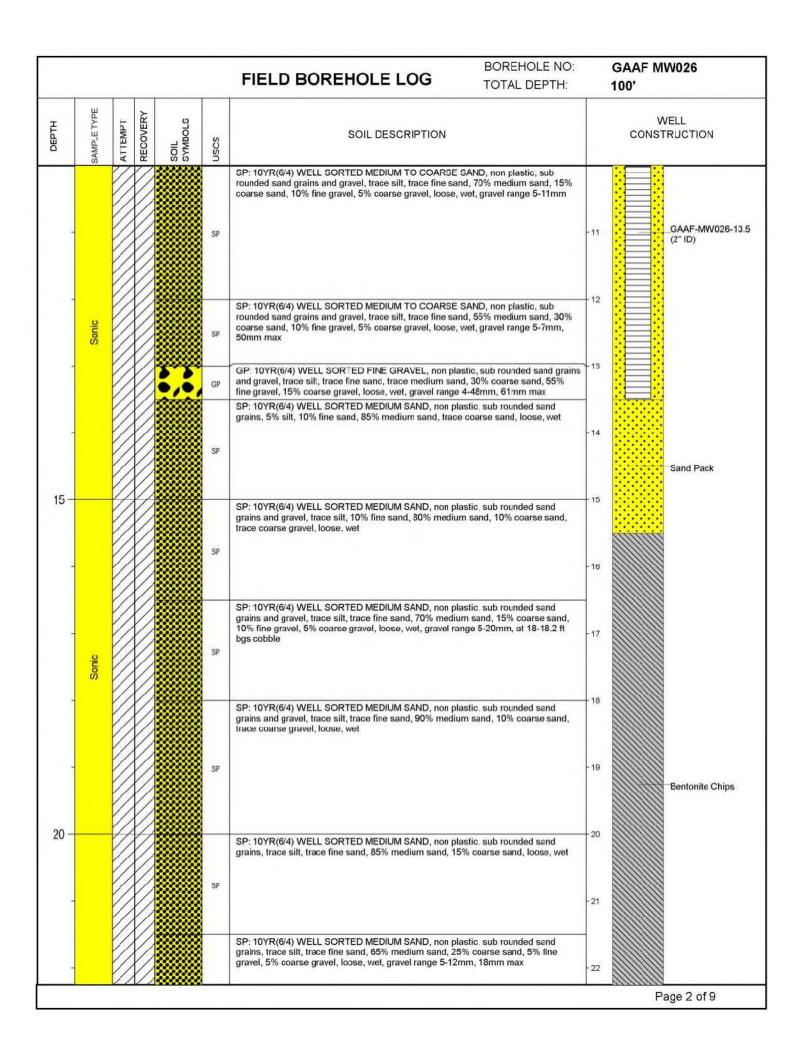
	P	\ <u>=</u> C	OM		FIELD BOREHOLE	LOG	OREHOLE NO: OTAL DEPTH:	GAAF-MW025 40'			
	4.41		The second second		RMATION	ON DRILLING INFORMATION					
PROJECT: Graylin SITE LOCATION: Graylin PROJECT NO.: 605614 PROJECT MANAGER: Matt V LOGGED BY: Kelly N CREATED BY: Stanle			Grayl 60551 Matt \ Kelly	ing, N 441 /ande Moss	erEide	CONTRACTOR: Mateco CREW CHIEF: Jeff Croel DRILL RIG TYPE: Geoprobe 8 DRILLING METHOD: Sonic HOLE DIAMETER: 8 1/4" DATE START: 10/10/19 DATE END: 10/11/19		3140DT			
DEРТН	SAMPLETYPE	ATTEMPT	SOIL	nscs	SOIL DE	SCRIPTION		WELL CONSTRUCTION			
0				sw	SW: 10YR(2/2) POORLY SORTED Mt angular sand grains and sub angular g sand, 10% coarse sand, 15% fine grav with trace twigs	ravel, 15% silt, 20% fine	sand, 40% medium				
-	S)			SW	SW: 10YR(3/4) POORLY SORTED ME angular sand grains and sub angular g medium sand, 5% coarse sand, 5% fin	ravel, trace clay, 20% sill	, 20% fine sand, 50%				
-	Sonic			SW	SW: 10YR(4/6) POORLY SORTED ME angular sand grains and sub angular g sand, 15% coarse sand, 5% fine grave	ravel, 10% silt, 10% fine					
				sw	SW: 10YR(5/6) POORLY SORTED Mit angular sand grains and sub angular g sand, 20% coarse sand, 10% fine grav 50mm cobble	ravel, trace silt, 10% fine	sand, 60% medium				
5 -	Sonic			SW	SW: 10YR(4/4) POORLY SORTED ME GRAVEL, non plastic, sub rounded to s sand, 40% medium sand, 30% coarse	sub angular sand grains	and gravel, 5% fine	-6 2" PVC			
-				sw	SW: 10YR(4/4) POORLY SORTED ME GRAVEL, non plastic, sub rounded to s sand, 20% medium sand, 45% coarse gravel max 40mm	sub angular sand grains a	and gravel, trace fine				
10				SP	SP: 10YR(4/4) WELL SORTED MEDIL rounded to sub angular sand grains an 30% coarse sand, trace fine gravel, loc	d gravel, 10% fine sand,					

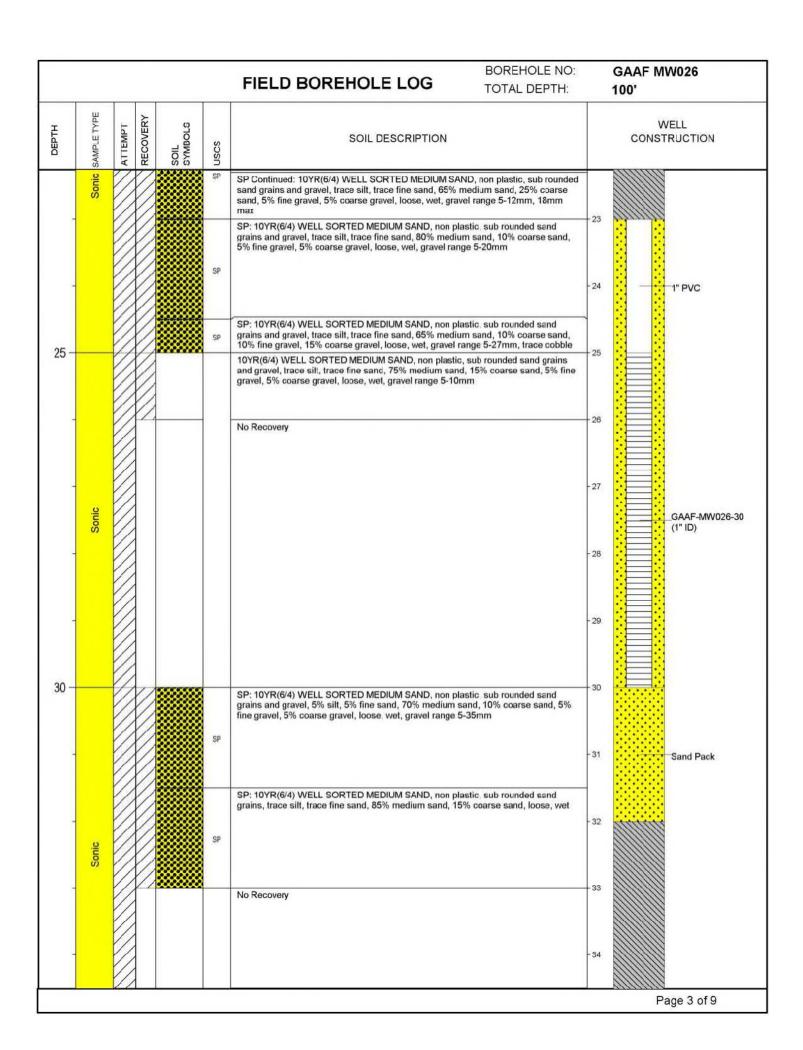




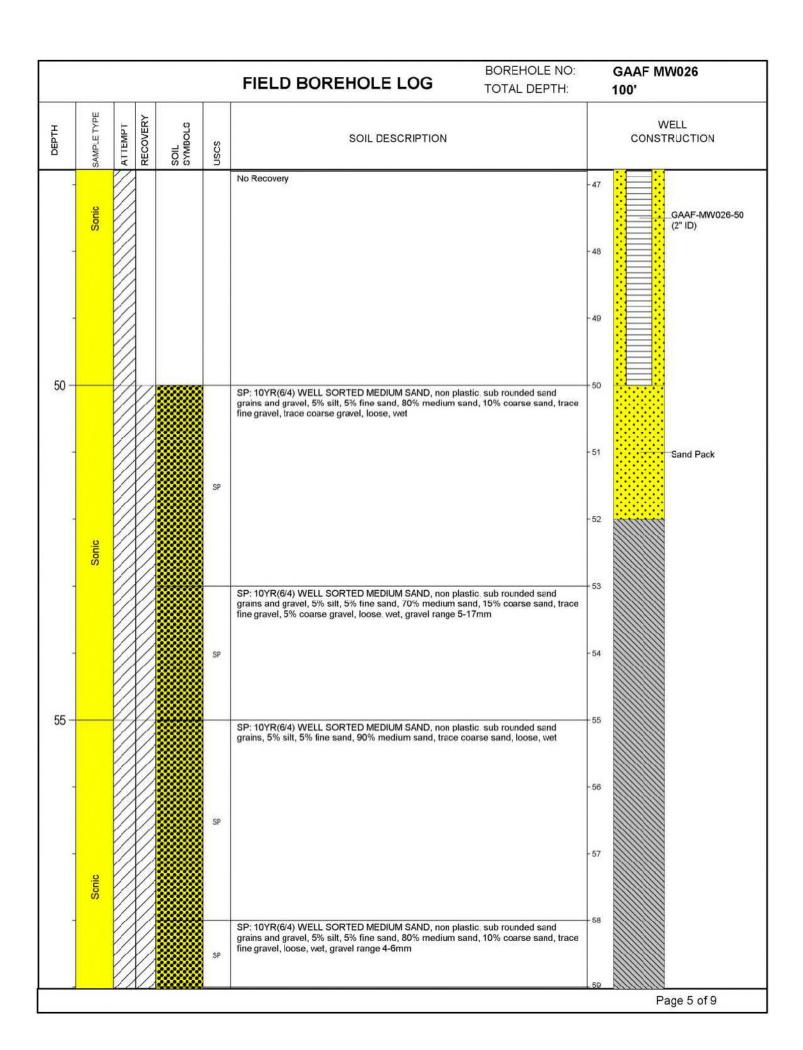


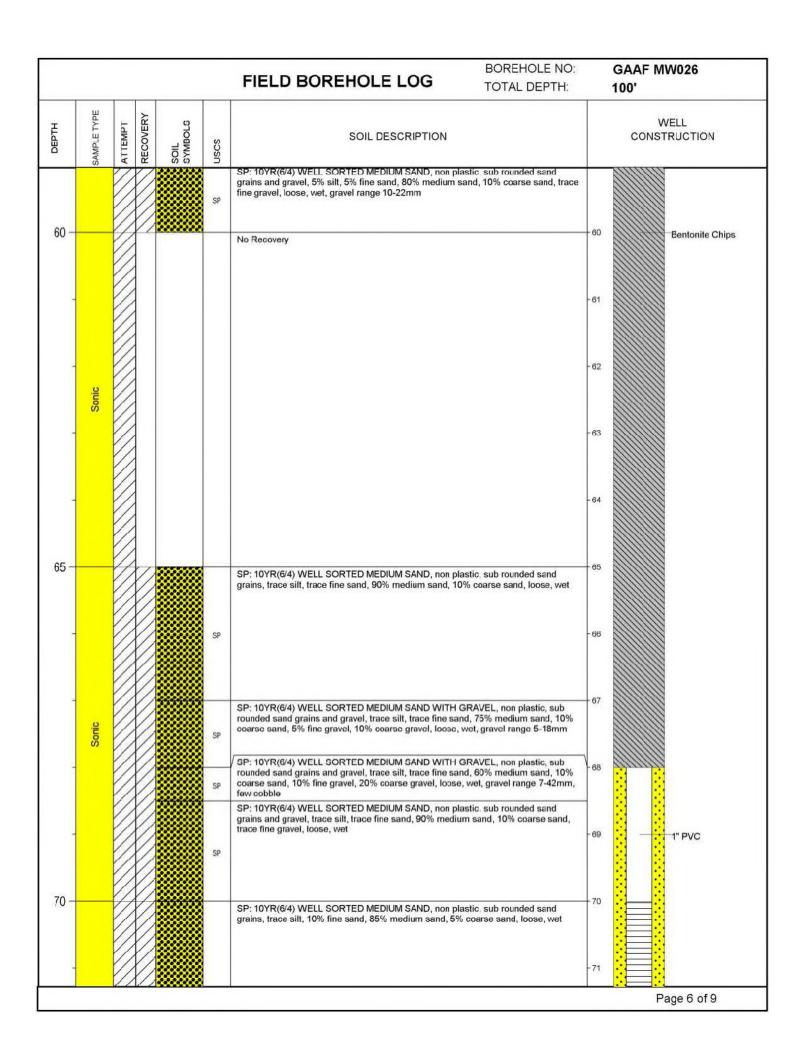
	F		CON		FIELD BOREHOLE	100	BOREHOLE NO: TOTAL DEPTH:		BAAF M 00'	W026
	-77				RMATION		DRILLING INFO		(40) 5482	
PROJECT: Grayling Area PF/ SITE LOCATION: Grayling, MI PROJECT NO.: 60551441 PROJECT MANAGER: Matt VanderEide LOGGED BY: Stanley Krenz CREATED BY: Stanley Krenz					CREW CHIEF: Jeff Croel DRILL RIG TYPE: Geoprobe DRILLING METHOD: Sonic HOLE DIAMETER: 8 1/4" DATE START: 1/20/20 DATE END: 1/23/20			8140DT		
DEPTH	SAMPLE TYPE	ATTEMPT	SOIL	USCS	SOIL DE	ESCRIPTION				VELL FRUCTION
0				SP	SP: 10YR(3/3) WELL SORTED MEDI grains and sub rounded gravel, 5% sil coarse sand, 10% fine gravel, 20% co	t, 5% fine sand, 50% me	dium sand, 10%	o .		
				SP	SP: 10YR(4/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, 10% fine sand, 30% medium sand, 10% coarse sand, trace fine gravel, loose, dry SP: 10YR(5/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, 5% silt, 15% fine sand, 70% medium sand, 10% coarse sand, loose, dry			2		
	Sonic			SP						
-				SP	SP: 10YR(6/4) WELL SORTED MEDI grains, 5% silt, 10% fine sand, 75% m	UM SAND, non plastic.s nedium sand, 10% coars	sub rounded sand e sand, loose, dry	-4		Bentonite Chips
5-	Sonic				SP: 10YR(6/4) WELL SORTED MEDI grains, trace silt, 10% fine sand, 90%	UM SAND, non plastic. s medium sand, trace coa	sub rounded sand urse sand, loose, moist	-6 -7		
- - 10	ÓS			SP				-8		

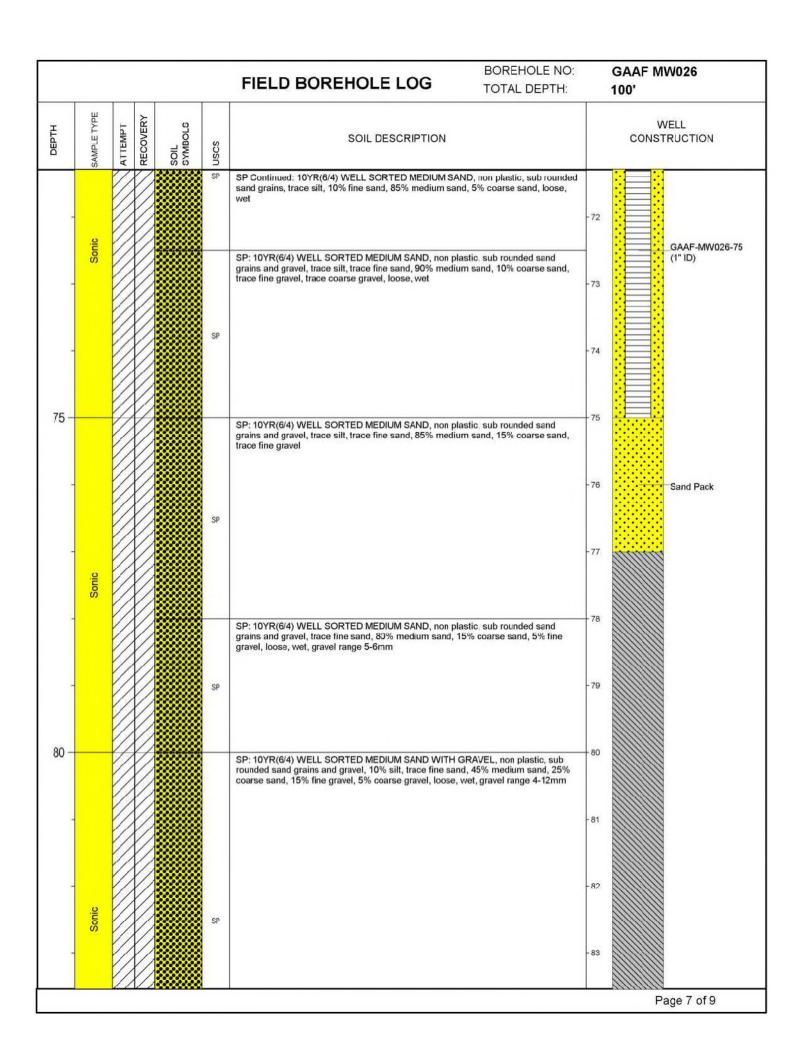


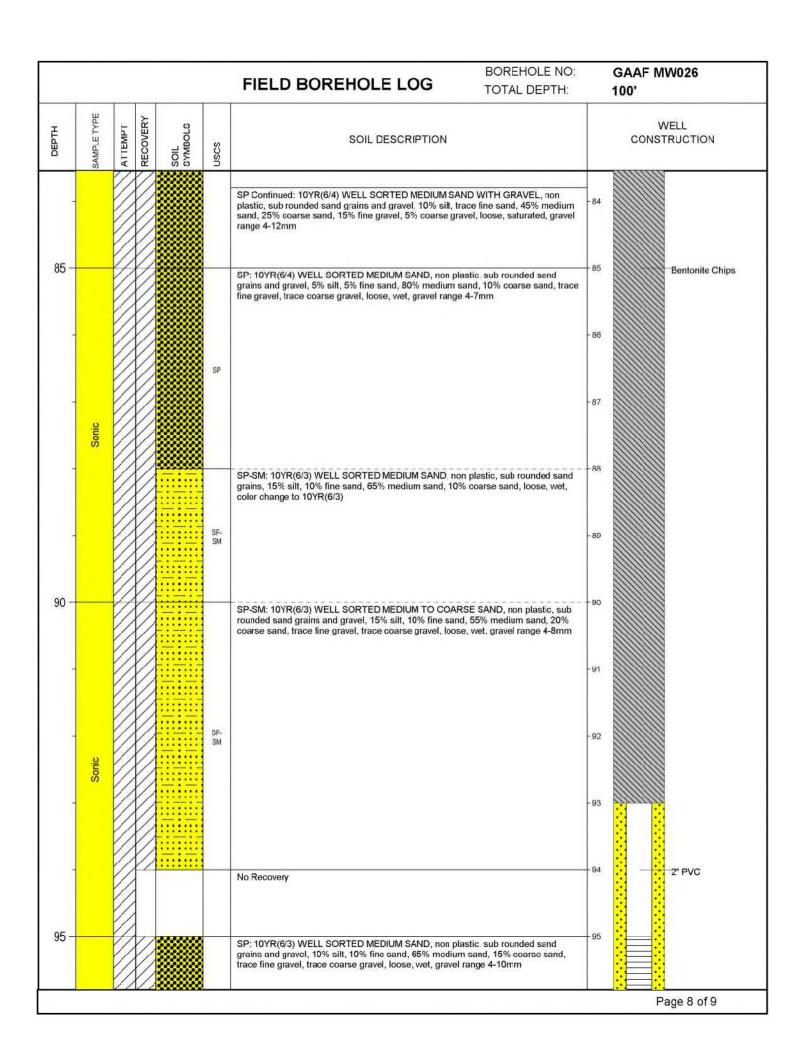


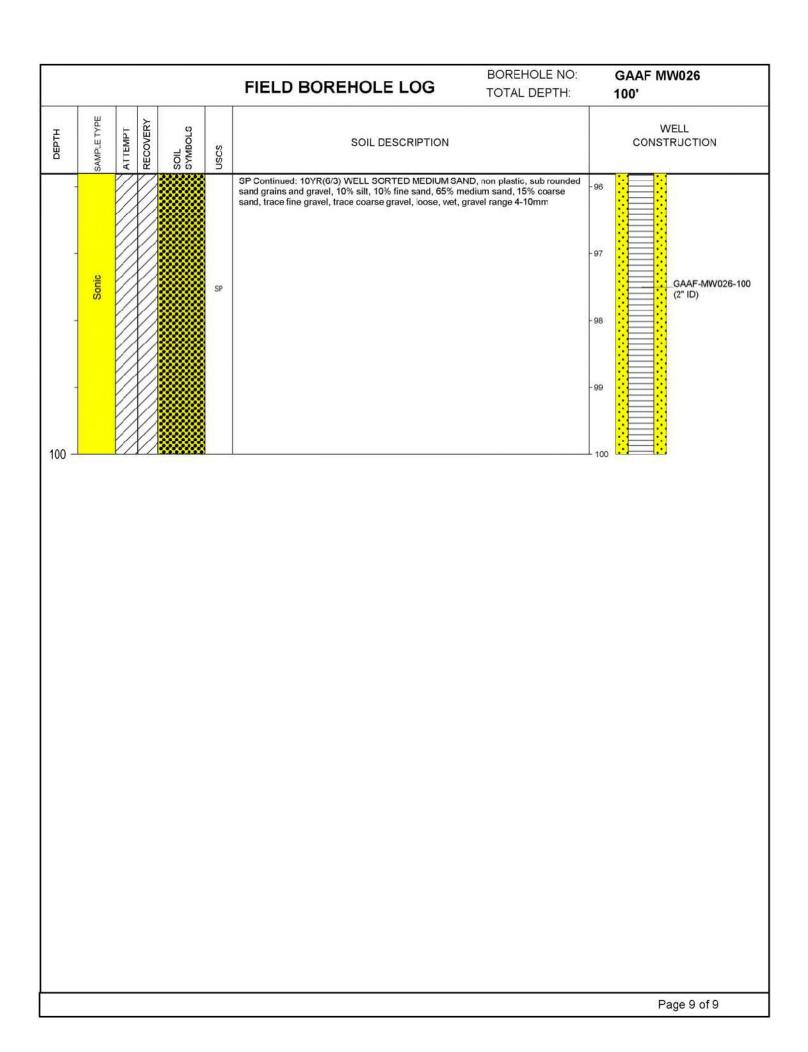
						FIELD BOREHOLE LOG BOREHOLE NO: TOTAL DEPTH:	GAAF MW026 100'
DEP IN	SAMPLE TYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION	WELL CONSTRUCTION
						No Recovery Continued	
35 —					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, 5% silt, 5% fine sand, 70% medium sand, 15% coarse sand, trace fine gravel, 5% coarse gravel, loose, wet, gravel range 5-8mm	-36
	Sonic				SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND WITH GRAVEL, non plastic, sub rounded sand grains and gravel, 5% silt, 5% fine sand, 55% medium sand,15% coarse sand, 15% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-9mm	-37 Bentonite Chips
-					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, 5% silt, 5% fine sand, 75% medium sand, 15% coarse sand, loose, wet	-38
- O					SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND WITH GRAVEL, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 50% medium sand, 30% coarse sand, 15% fine gravel, 5% coarse gravel, loose, wet, gravel range 4-14mm, 38mm max, with 10YR(6/8) mottling	-40
					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 85% medium sand, 15% coarse sand, trace fine gravel, loose, wet	41
-	Sonic				SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, 10% fine sand, 90% medium sand, trace coarse sand, loose, wet	-43
-					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 85% medium sand, 10% coarse sand, trace fine gravel, 5% coarse gravel, loose, wet, gravel range 7-12mm	-44
.5 - -						No Recovery	-46



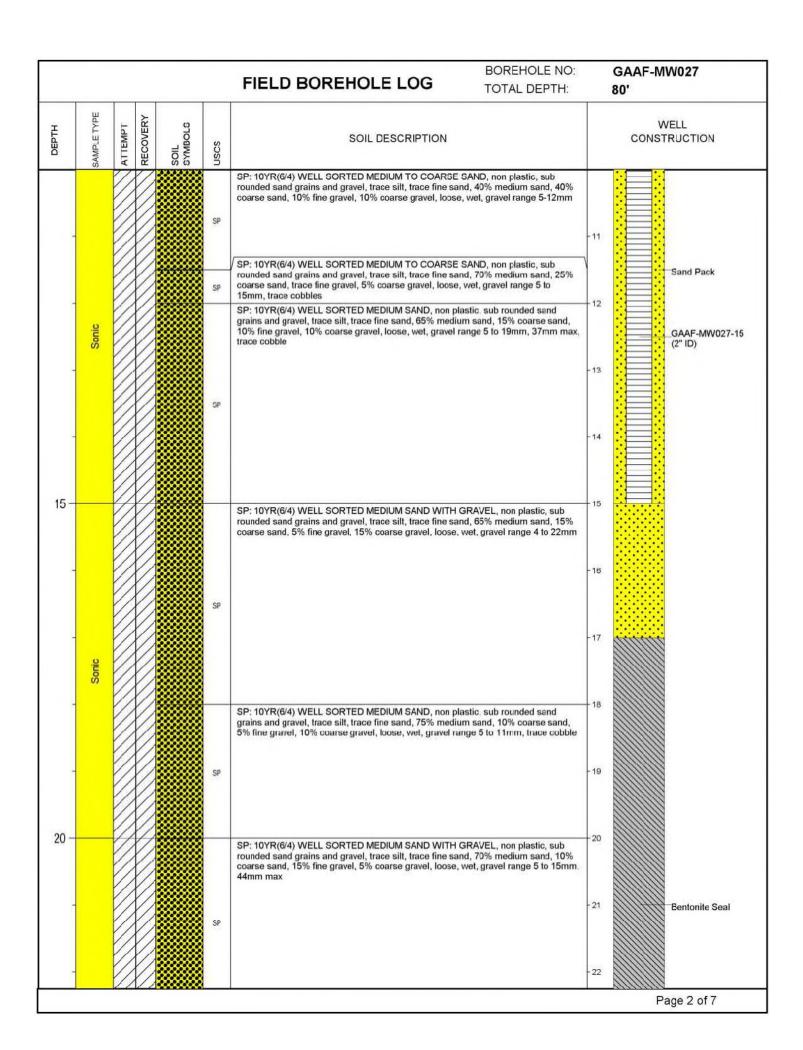


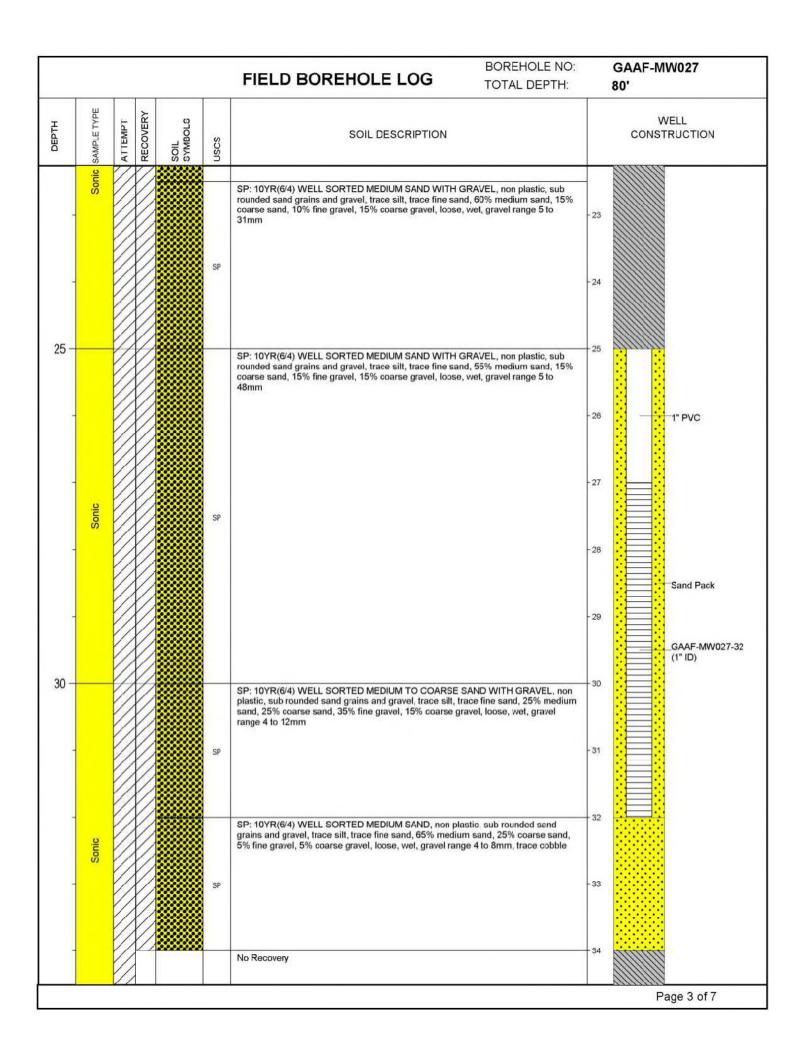


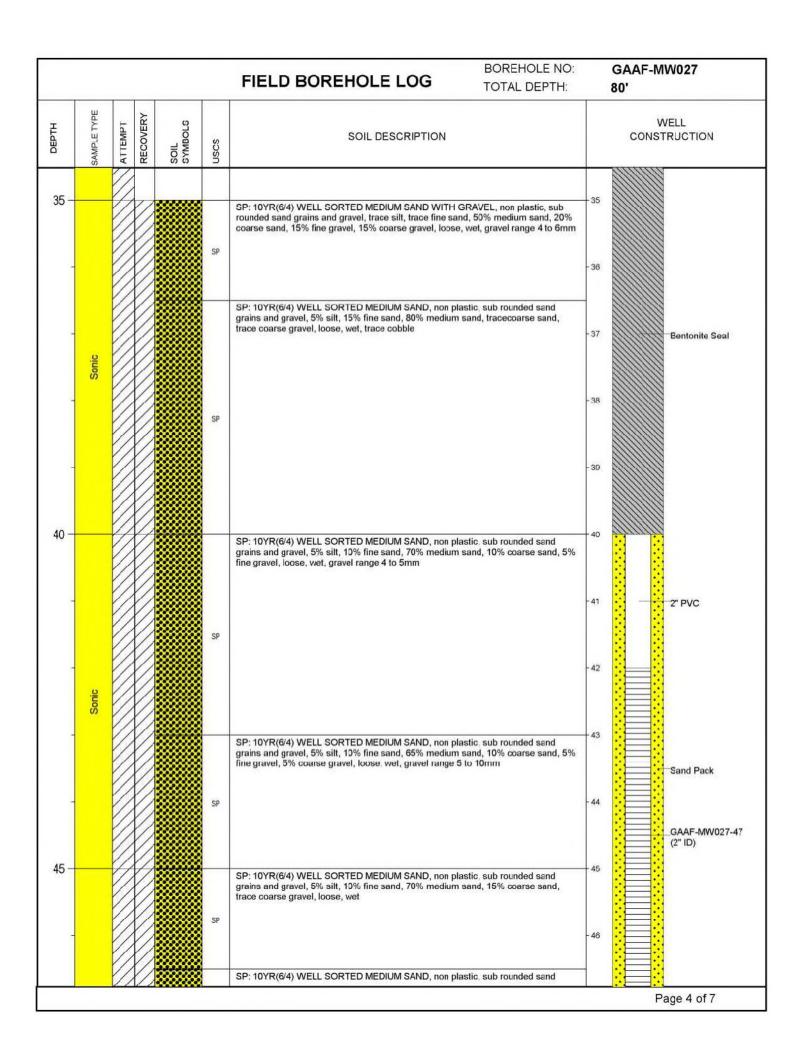


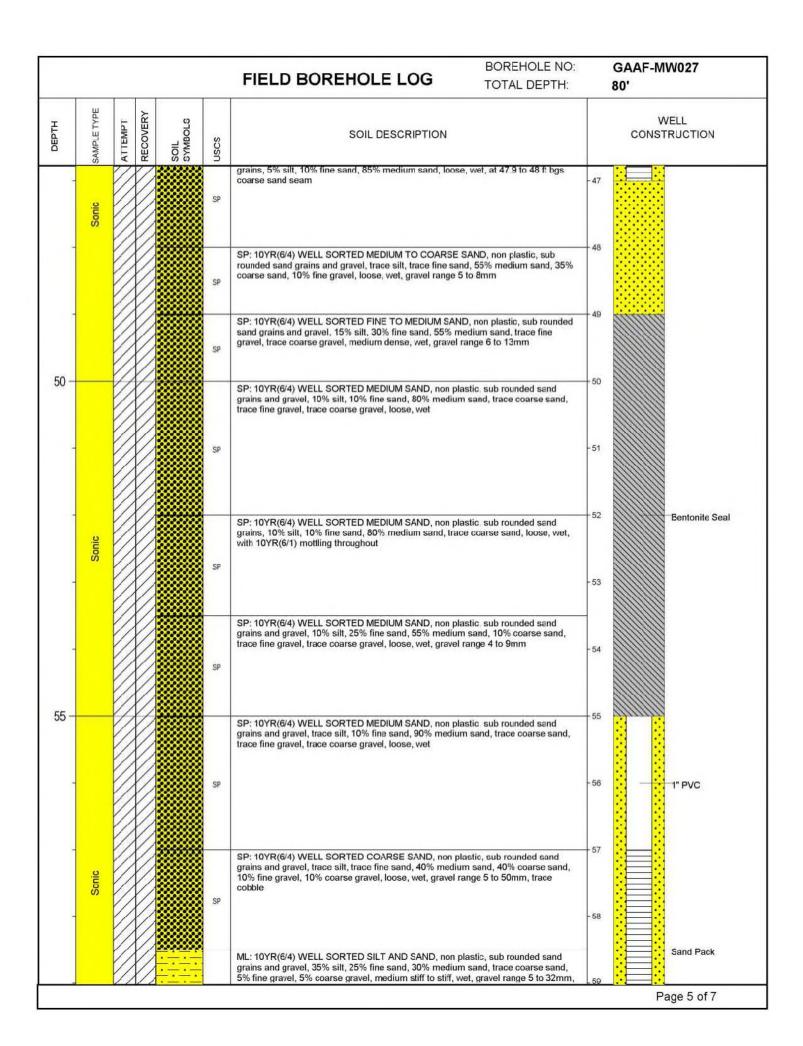


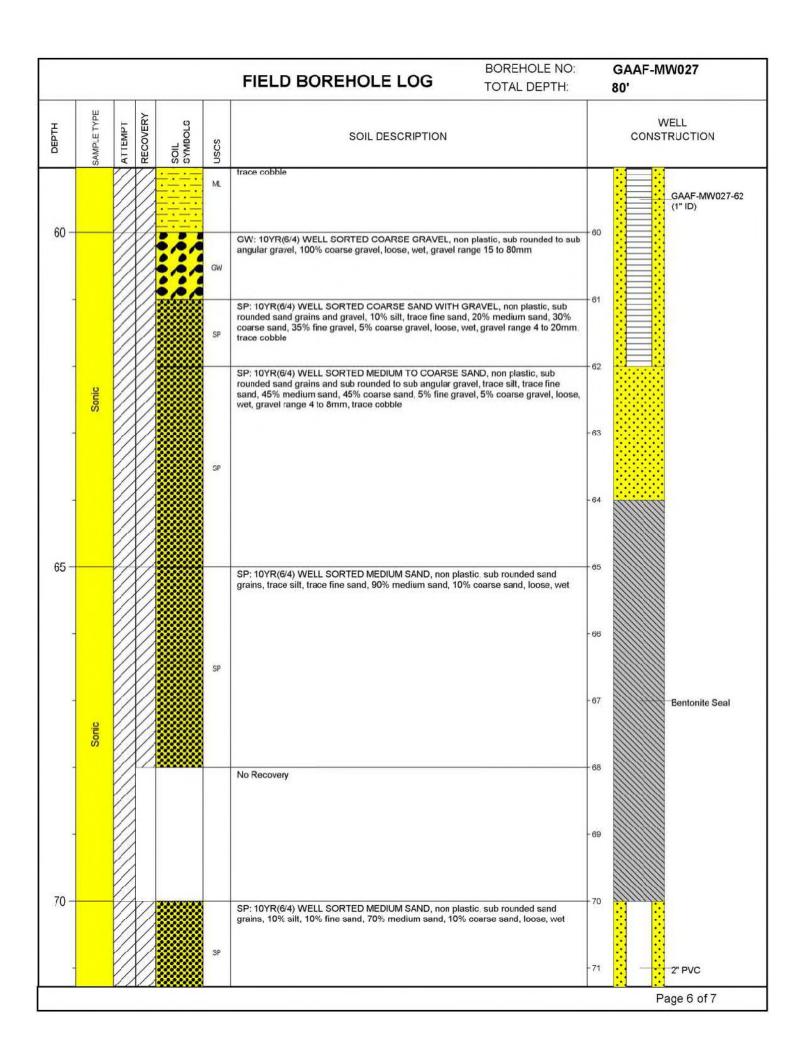
		PRO	DJECT II	NFO	RMATION	DRI	LLING INFOR	RMATIO	N	
ROJE	CT.		Gray	ACTOR: Mateco						
	OCATI	ION-	Grayi			CREW CHIEF:	Jeff Croel			
	ECT NO		6055	LIPPET.		DRILL RIG TYPE: DRILLING METHOD:	Geoprobe Sonic	8140DT		
		ANAGER:			erEide	HOLE DIAMETER:	8 1/4"			
11/4/4/10/10	ED BY:	211 11 12 (3-1-1-1)	Stanl			DATE START:	1/14/20			
	TED BY		Stanl			DATE END:	1/17/20			
ОЕРТН	SAMPLE TYPE	ATTEMPT	SOIL	nscs		ESCRIPTION		(WELL CONSTRUCT	FION
0					10YR(3/3) TOPSOIL, non plastic, sub- fine sand, 60% medium sand, trace c trace grass and roots			·		
				SP		SP: 10YR(3/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, 10% fine sand, 90% medium sand, loose, moist.				
-				SP	SP: 10YR(4/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, 10% fine sand, 90% medium sand, loose, dry					
				SP	SP: 10YR(5/8) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, 10% fine sand, 80% medium sand, 10% coarse sand, trace fine gravel, trace coarse gravel, loose, dry					
	Sonic			SP	SP: 10YR(6/6) WELL SORTED MEDI grains, trace silt, trace fine sand, 80%					
				SP	SP: 10YR(6/4) WELL SORTED MEDI grains and gravel, trace silt, trace fine 5% fine gravel, 5% coarse gravel, loo	sand, 70% medium sand, 20	% coarse sand,	-4 -4	Bento	onite Seal
5				SP	SP: 10YR(6/4) WELL SORTED MEDI grains, trace silt, trace fine sand, 90%			5	2" PV	C
	U				SP	SP: 10YR(6/4) WELL SORTED COAl rounded sand grains and gravel, trace coarse sand, 25% fine gravel, 10% co 38mm, few cobbles	silt, trace fine sand, 10% me	diumsand, 55%	-7	
	Sonic		*****	SP	SP: 10YR(6/4) WELL SORTED MEDI grains and gravel, 5% silt, 15% fine si 10% fine gravel, 10% coarse gravel, le	and, 50% medium sand, 10%				
					SP: 10YR(6/4) WELL SORTED COAl rounded sand grains and gravel, trace coarse sand, 20% sub rounded fine grange 5 to 35mm, few cobbles	RSE SAND WITH GRAVEL, no silt, trace fine sand, 20% me	dium sand, 50%	+8		
-				SP				-9		

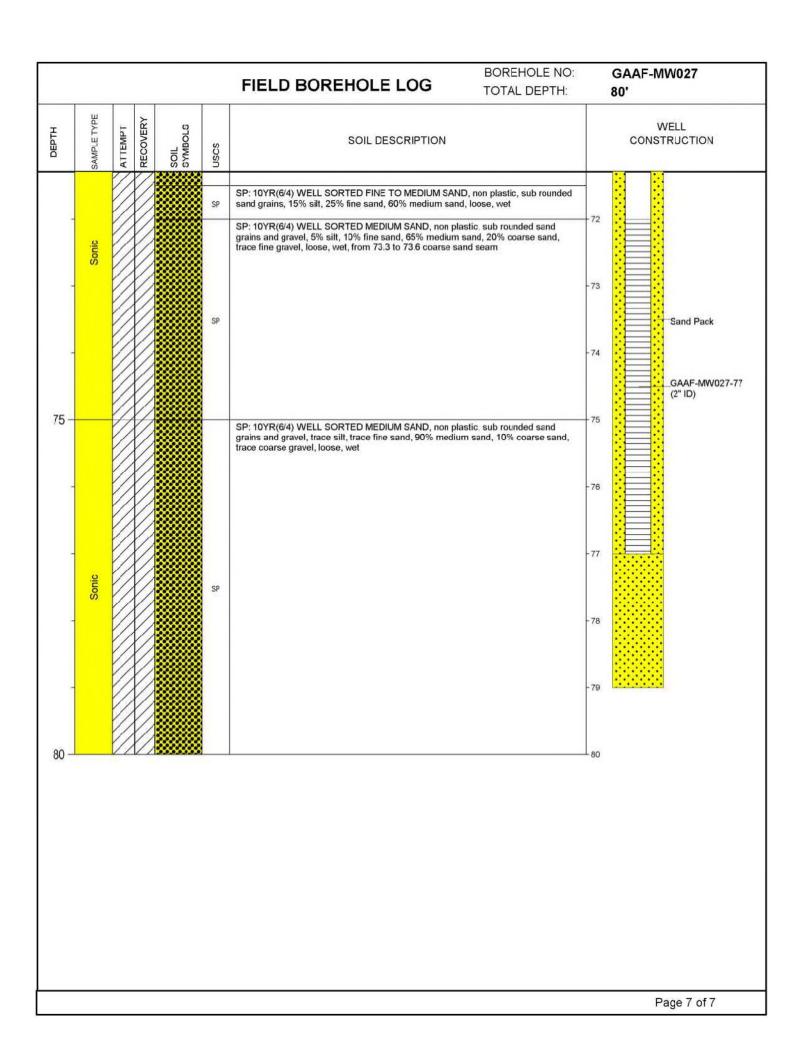




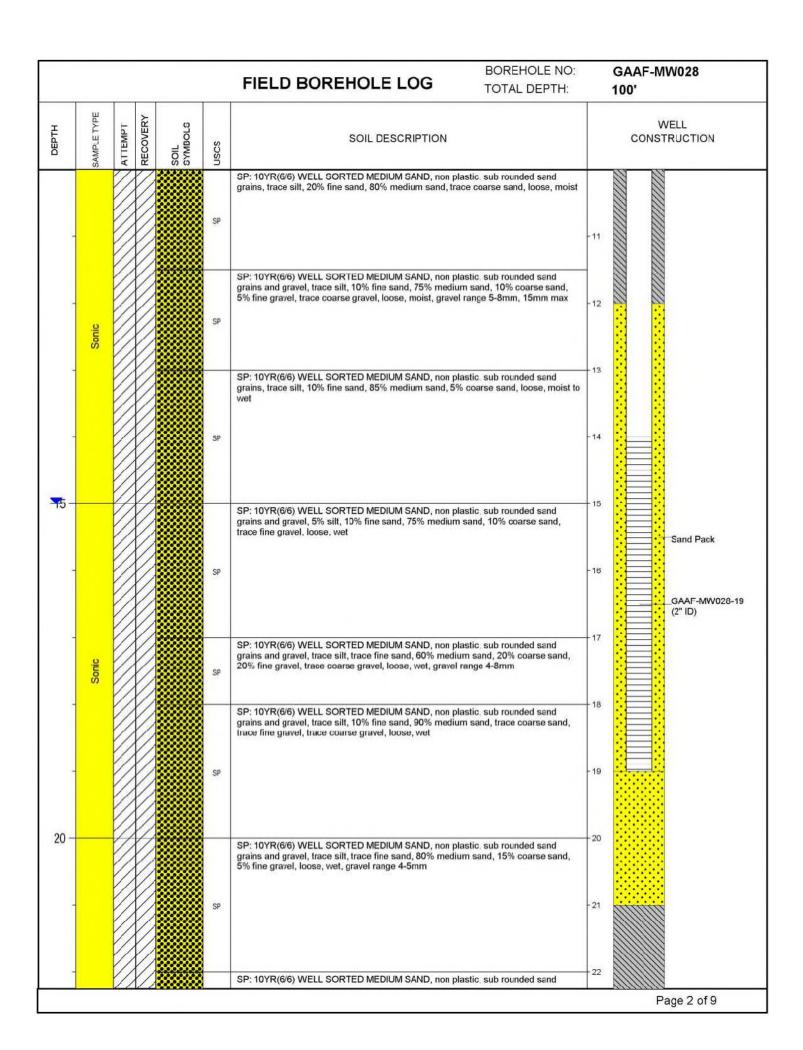


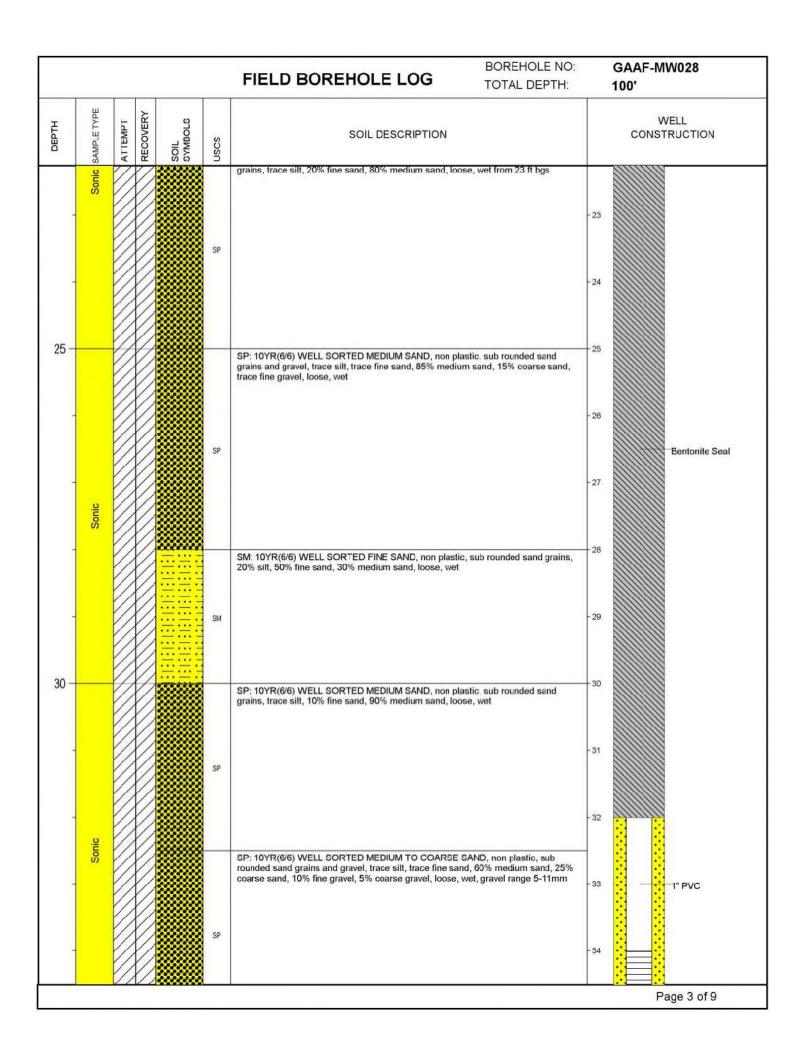


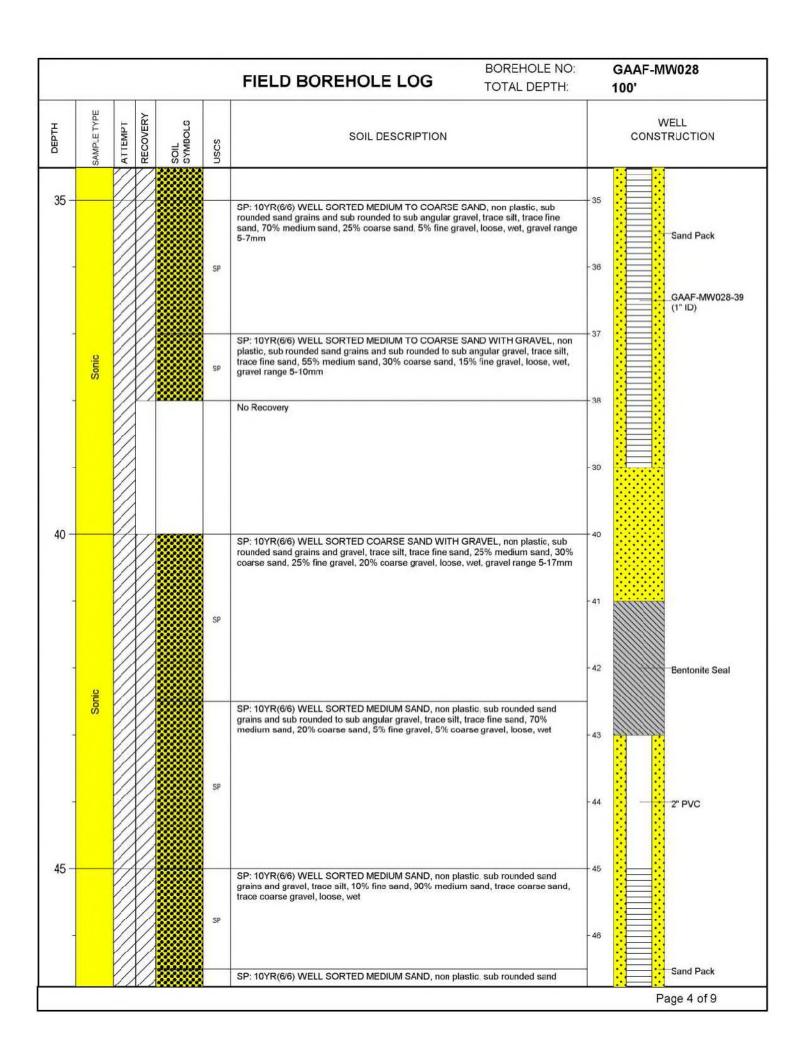


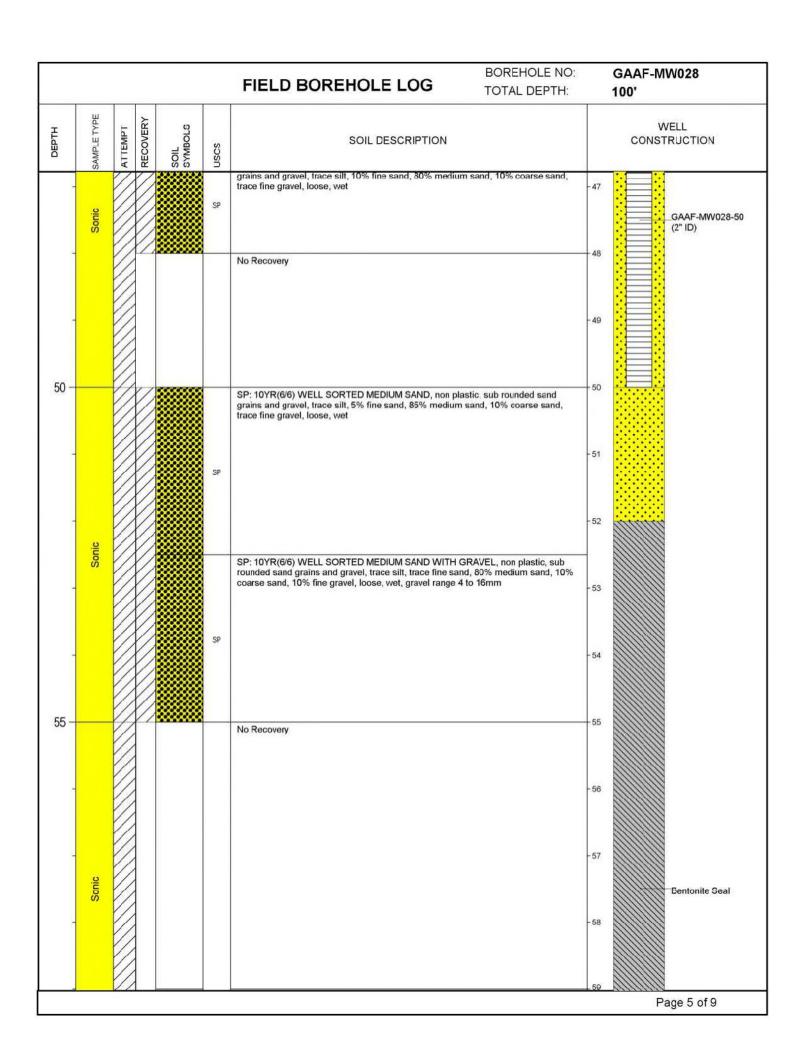


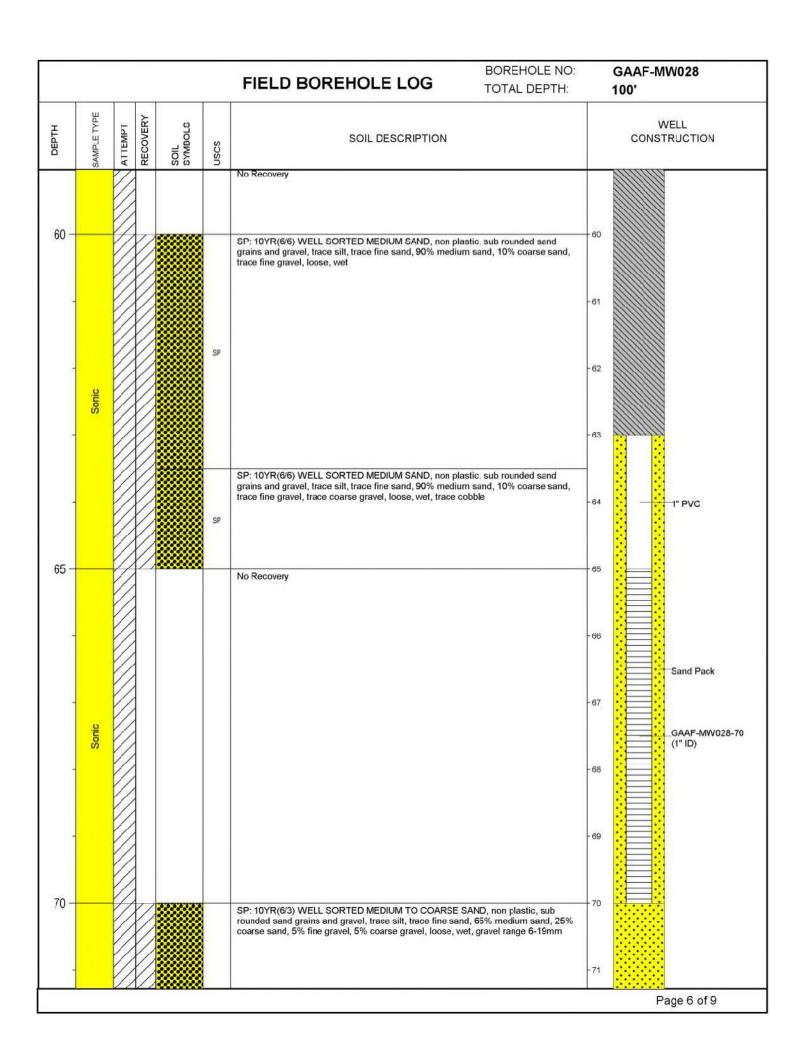
		-	OM		FIELD BOREHOLE	TOT.	AL DEPTH:	100	•
		PRO	DJECT II	NFO	RMATION		LLING INFOR	RMATIO	N
ROJECT: Graying Area FFAS							Mateco Jeff Croel		
ITE L	OCAT	ION:	Grayl	ling, N	Л	DRILL RIG TYPE:	Geoprobe 8	3140DT	
ROJ	ECT N	O.:	60551	1441		DRILLING METHOD:	Sonic		
ROJ	ECT M	ANAGER:	ER: Matt VanderEide			HOLE DIAMETER:	8 1/4"		
.ogg	ED BY	:	Stanl	ey Kr	enz	DATE START:	12/20/19		
REA	TED BY	Y:	Stanl	ey Kr	enz	DATE END:	1/7/20		
DEPTH	SAMPLE TYPE	ATTEMPT	SOIL	uscs	SOIL DE	SCRIPTION		(WELL CONSTRUCTION
0			17,77,77 17,77,77 18,15,161		10YR(3/6) TOPSOIL, non plastic, sub fine sand, 60% medium sand, trace or gravel, loose, dry, with trace grass and	parse sand, trace fine gravel, I			
		1/1/		SP	SP: 10YR(5/8) WELL SORTED MEDI grains, 15% silt, 25% fine sand, 50% i				
-				SP	SP: 10YR(6/8) WELL SORTED MEDI grains and gravel, 10% silt, 20% fine s trace fine gravel, loose, dry	UM SAND, non plastic, sub ro	unded sand	1	
-	Hand Auger			SP	SP: 10YR(6/6) WELL SORTED MEDI grains, 10% silt, 10% fine sand, 80% in SP: 10YR(6/6) WELL SORTED MEDI grains and gravel, 10% silt, 10% fine sand gravel, 10% silt, 10%	medium sand, loose, dry UM SAND, non plastic, sub ro	unded sand	-2 -3 -4	
5-				SP	SP: 10YR(6/6) WELL SORTED MEDI grains and sub rounded to sub angula sand, trace coarse sand, 10% fine gra	loose, moist UM SAND, non plastic, sub ro r gravel, 5% silt, 10% fine san	unded sand	-5	
-				SP	range 5-7mm			-6	Bentonite Seal
-	ic			SP	SP: 10YR(6/6) WELL SORTED MEDI grains, 15% silt, 25% fine sand, 60% i			7	2" PVC
-	Sonic			SP	SP: 10YR(6/6) WELL SORTED MEDI grains and gravel, 5% silt, 25% fine sa trace coarse gravel, loose, moist			-8	
-								.9 [[[[[[[[[[[[[[]]]]]]]]]]]	



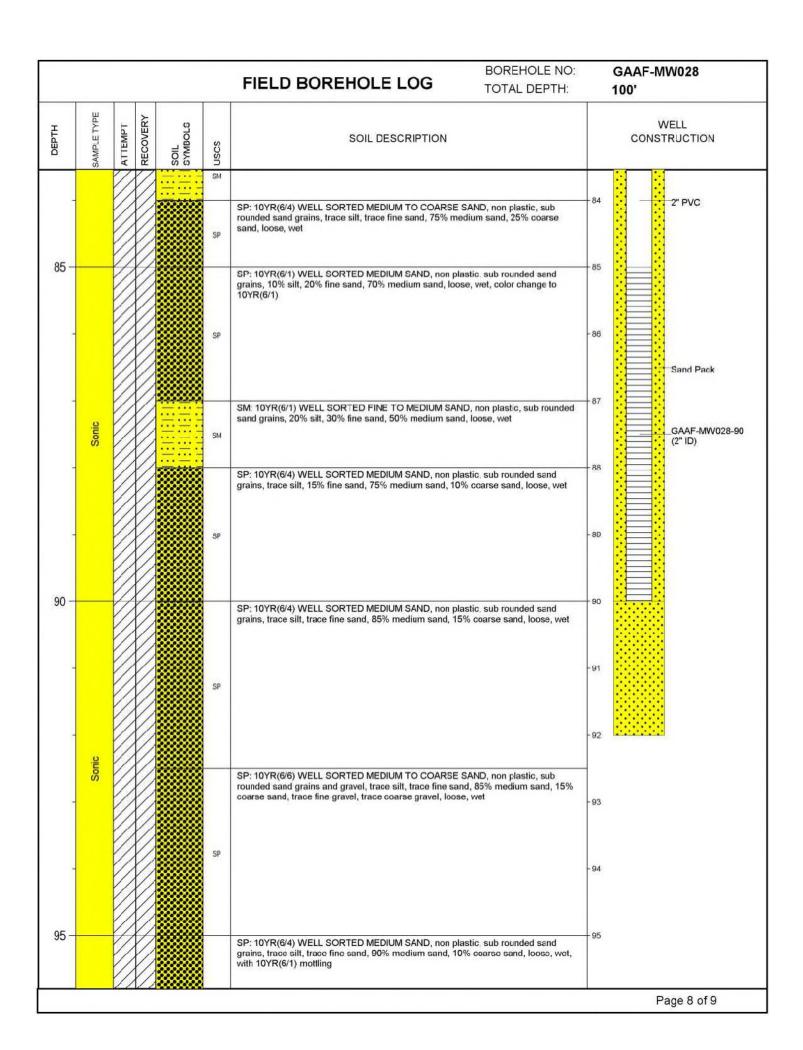


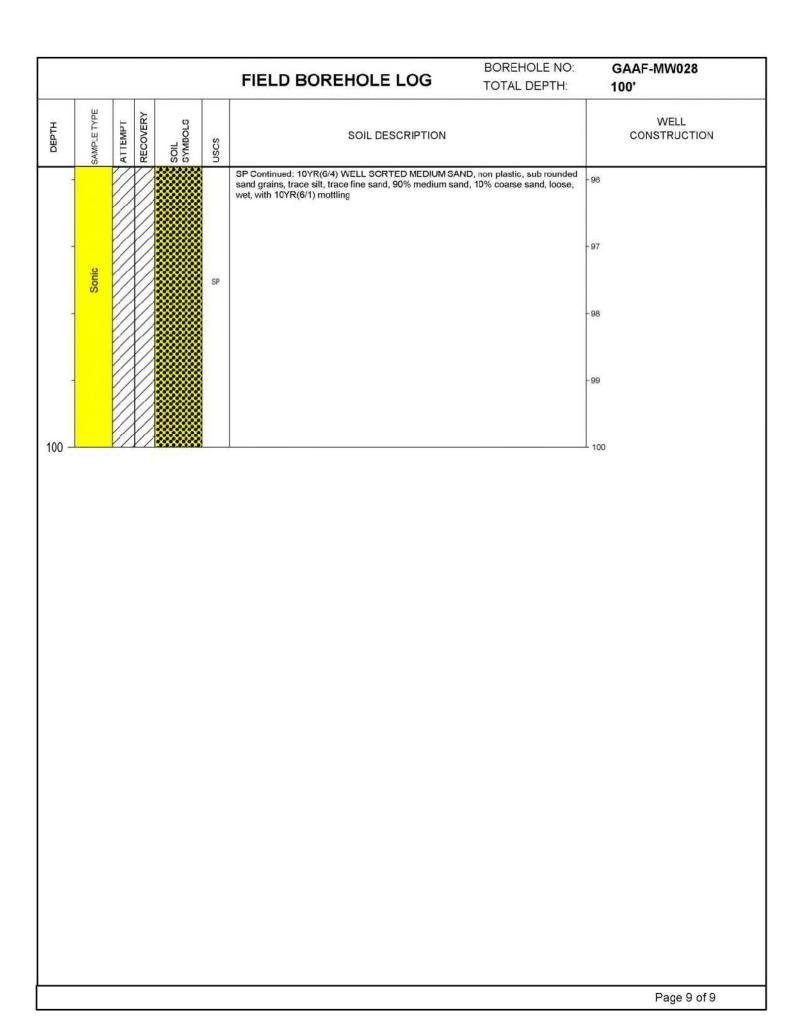




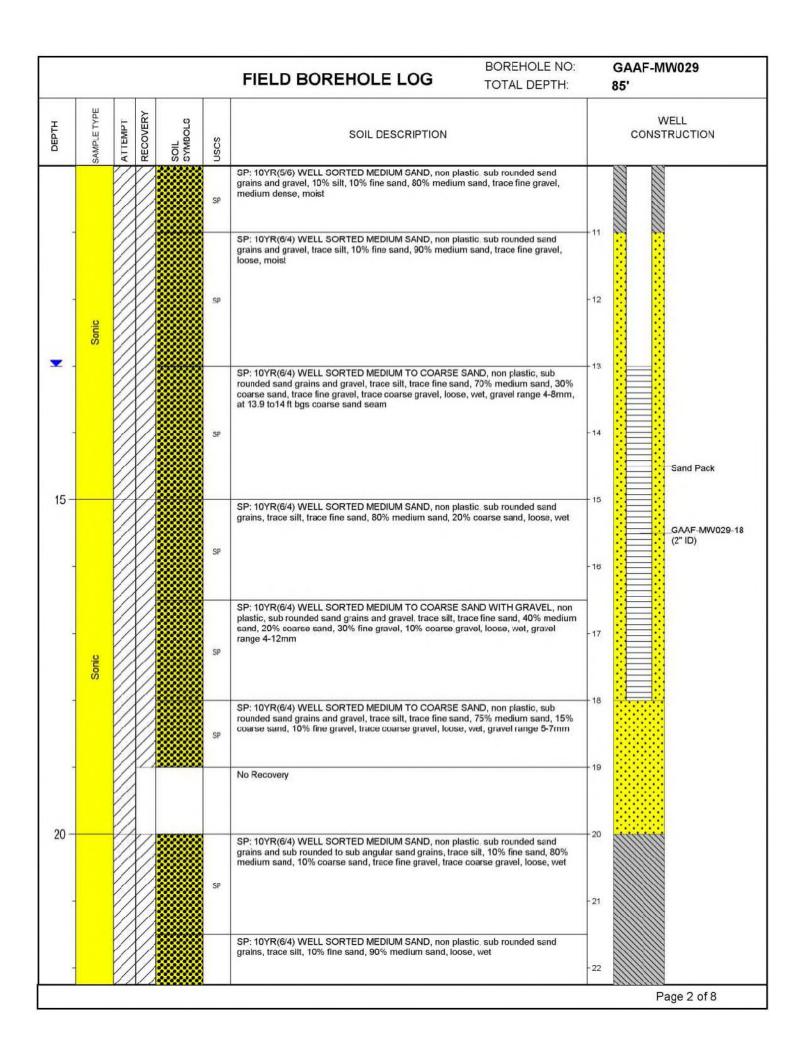


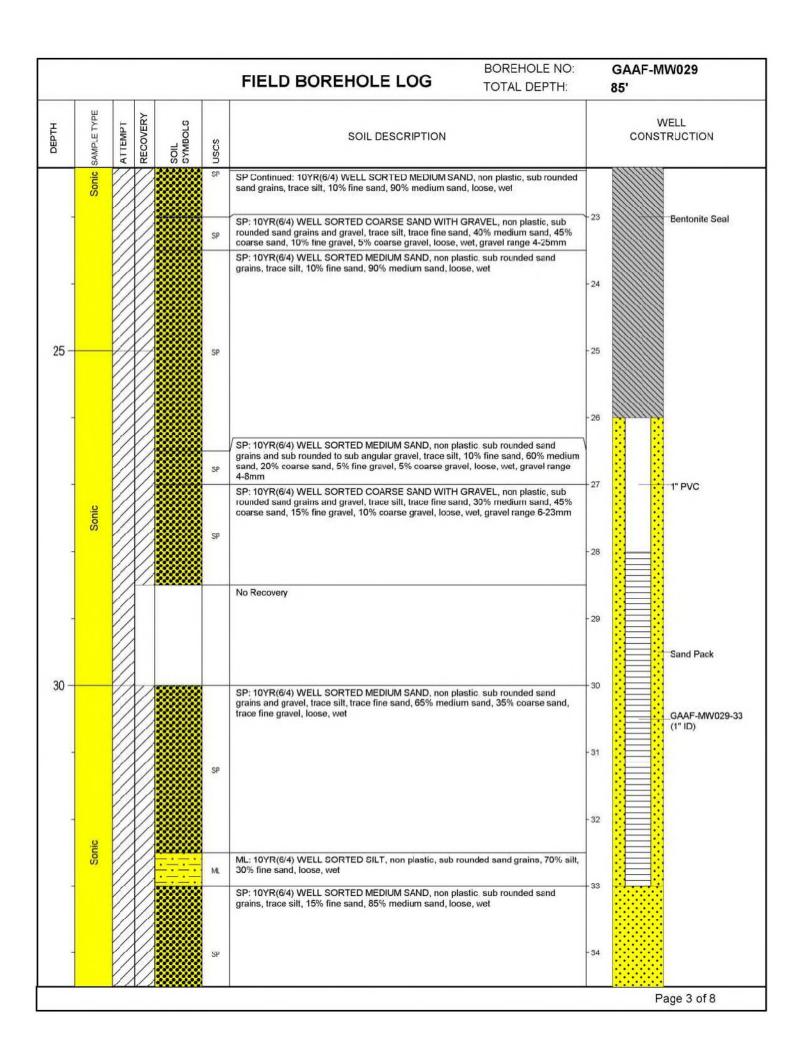
						FIELD BOREHOLE LOG BOREHOLE TOTAL DEF		GAAF-MW028 100'
	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION		WELL CONSTRUCTION
-					SP	SP Continued: 10YR(6/3) WELL SORTED MEDIUM TO COARSE SAND, nor sub rounded sand grains and gravel, trace silt, trace fine sand, 65% medium 25% coarse sand, 5% fine gravel, 5% coarse gravel, loose, wet, gravel range 6-19mm	sand,	
-	Sonic				SP	SP: 10YR(6/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sal grains and gravel, trace silt, 10% fine sand, 80% medium sand, 10% coarse strace fine gravel, trace coarse gravel, loose, wet	nd sand, -73	
5 -					SP	SP: 10YR(6/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sal grains and gravel, trace silt, 5% fine sand, 95% medium sand, trace coarse strace fine gravel, trace coarse gravel, loose, wet	nd -75 and, -76	
-	Sonic					SP: 10YR(6/6) WELL SORTED MEDIUM SAND, non plastic, sub rounded sal grains and gravel, trace silt, trace fine sand, 80% medium sand, 20% coarse	-77	Bentonite Seal
					SP	trace fine gravel, loose, wet	-78	
o —						SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sa grains, trace silt, trace fine sand, 95% medium sand, 5% coarse sand, loose,	nd , wet -81	
-	Sonic				SP		-82	
-						SM: 10YR(6/4) WELL SORTED FINE TO MEDIUM SAND, non plastic, sub ro sand grains, 15% silt, 25% fine sand, 60% medium sand, loose, wet	ounded 83	

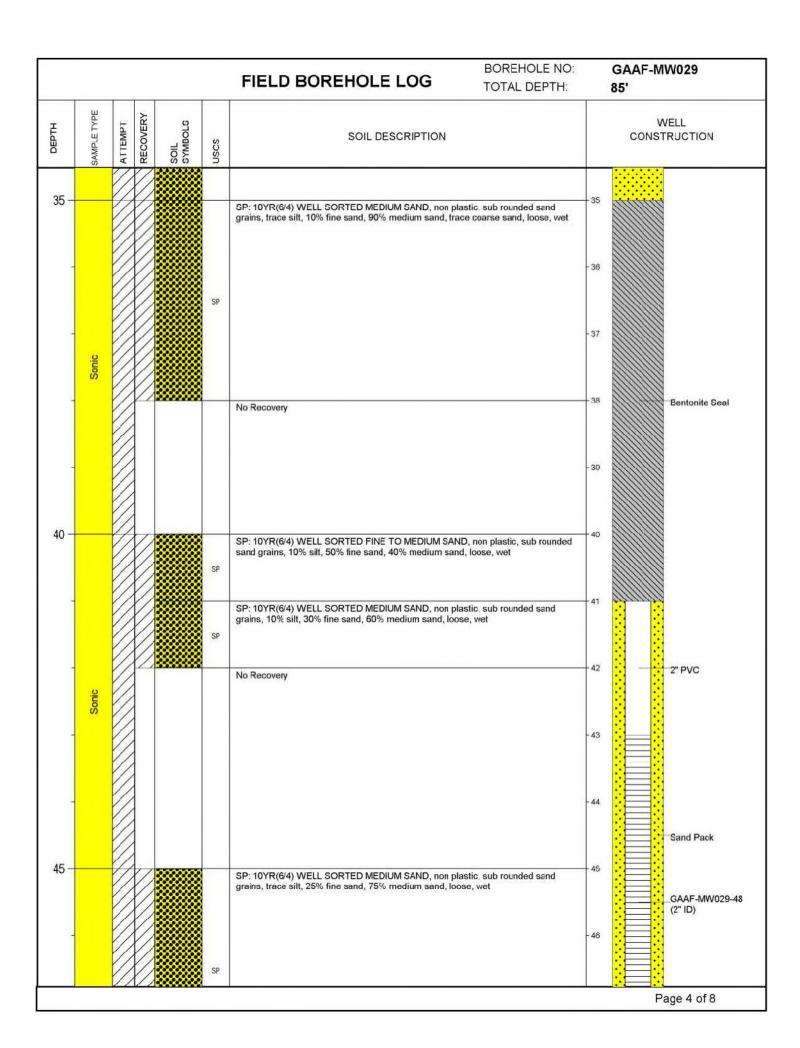


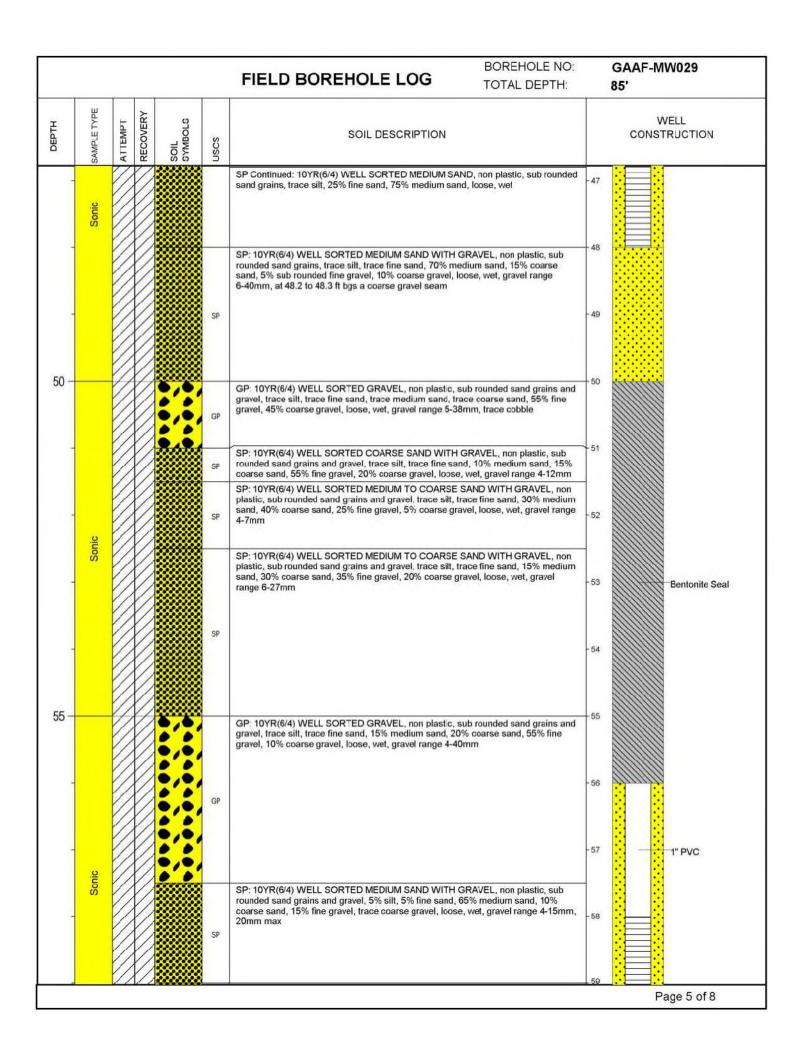


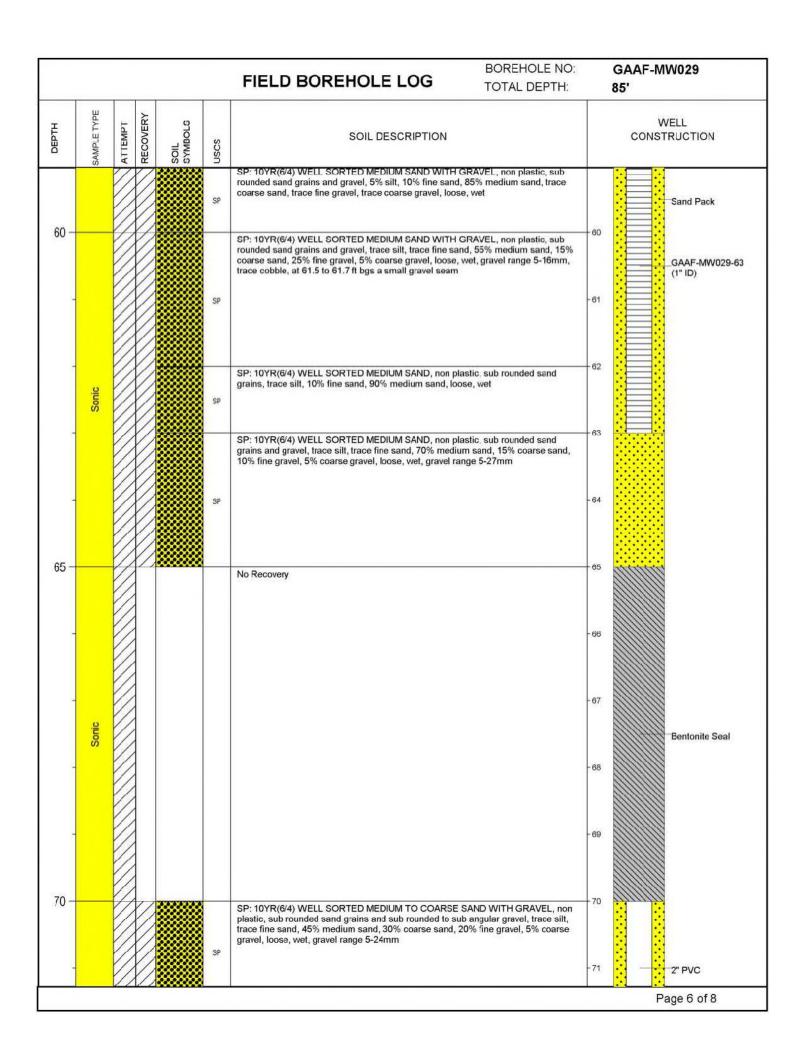
	F	\ <u>≡</u> C	'OM		FIELD BOREHOLE L	OG.	EHOLE NO: AL DEPTH:	GAAF-MW029 85'				
	-77				RMATION	3,1-6,95	LING INFOR	V-145				
ROJECT MANAGER: Grayling, Matt Vand		Grayling Area PFAS Grayling, MI 60551441		rea PFAS C III D D D D PrEide H enz	CONTRACTOR: Mateco CREW CHIEF: Jeff Croel DRILL RIG TYPE: Geoprobe DRILLING METHOD: Sonic HOLE DIAMETER: 8 1/4" DATE START: 12/12/19							
REA	TED B	Y:	Stanle	y Kr	enz	ATE END:	12/19/19					
DEPTH	SAMPLETYPE	ATTEMPT	SOIL	nscs	SOIL DESC			WELL CONSTRUCTION				
0					10YR(3/4) TOPSOIL, non plastic, sub rour 55% medium sand, loose, dry, trace roots							
10				SP	SP: 10YR(4/6) WELL SORTED FINE TO I sand grains, 10% silt, 40% fine sand, 50%	medium sand, loose, dry						
-	Hand Auger	Hand Auger Hand Auger				111111111111111111111111111111111111111		SM	SM: 10YR(5/6) WELL SORTED SILTY SA 35% silt, 30% fine sand, 35% medium san		ded sand grains,	
				SP	SP: 10YR(5/8) WELL SORTED MEDIUM s grains and gravel, 15% silt, 10% fine sand trace fine gravel, trace coarse gravel, loose	, 75% medium sand, trace	unded sand e coarse sand,					
5-				SP	SP: 10YR(5/6) WELL SORTED FINE TO I sand grains, 15% silt, 55% fine sand, 30% dense, moist	MEDIUM SAND, non plast medium sand, trace fine	ic, sub rounded gravel, medium	Bentonite Sea				
-	Sonic			SP	SP: 10YR(5/6) WELL SORTED MEDIUM s grains and gravel, 10% silt, 30% fine sand trace coarse gravel, medium dense, moist	, 60% medium sand, trace	undod send e fine gravel,					
10				SP	SP: 10YR(5/4) WELL SORTED MEDIUM S rounded sand grains and gravel, trace silt, coarse sand, 10% fine gravel, 10% coarse 72mm max, trace cobble	10% fine sand, 60% med	ium sand, 10%					

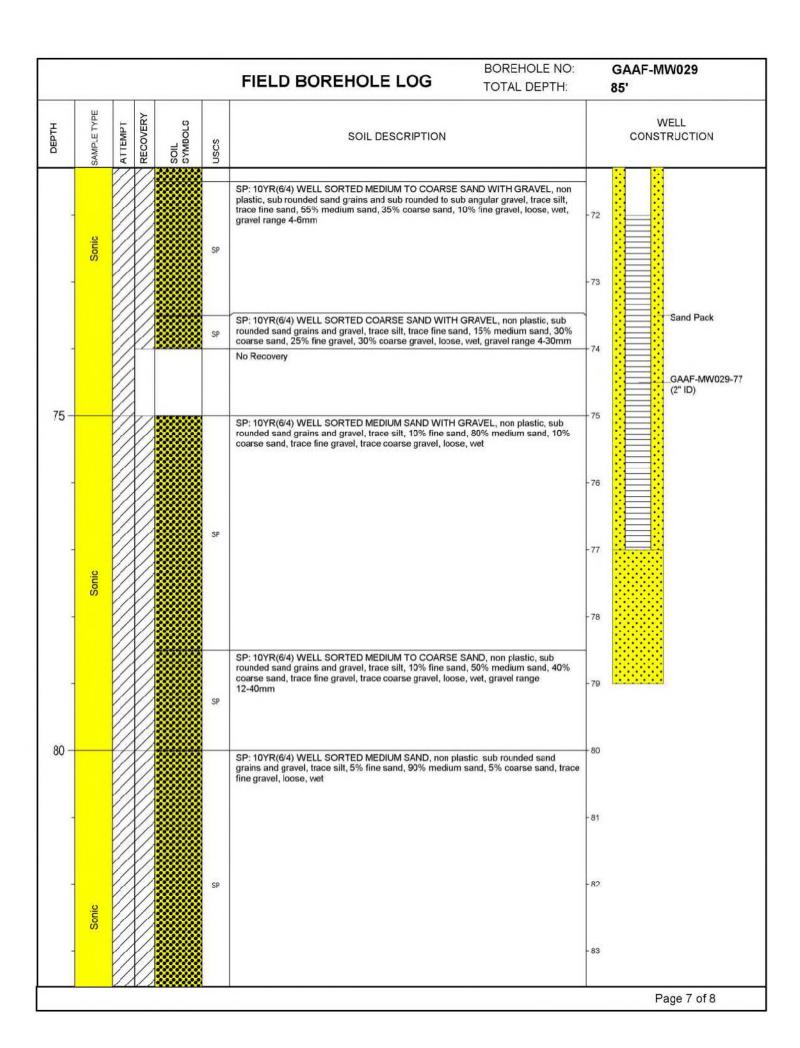






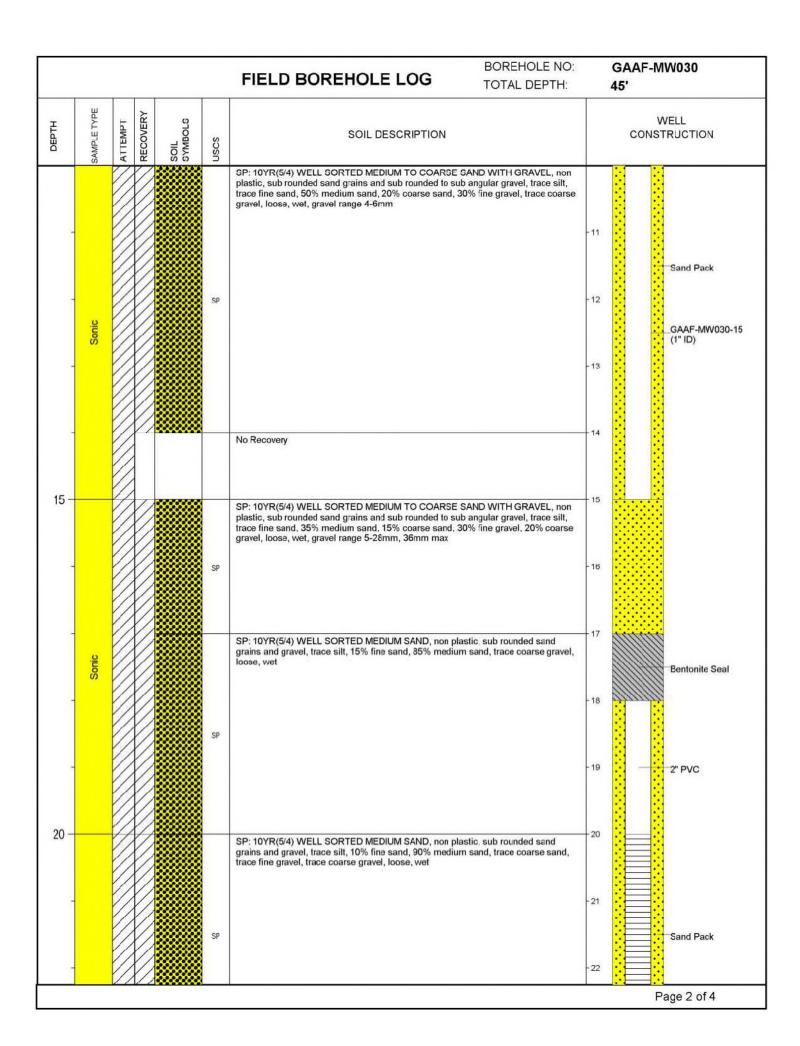


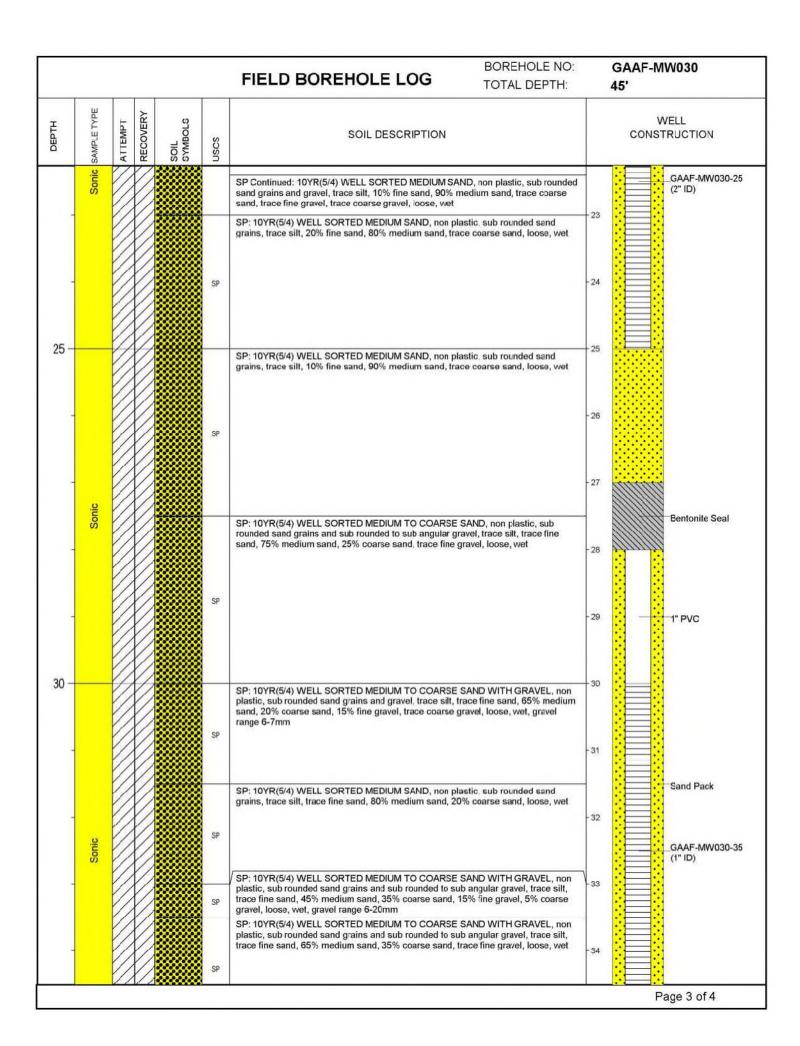


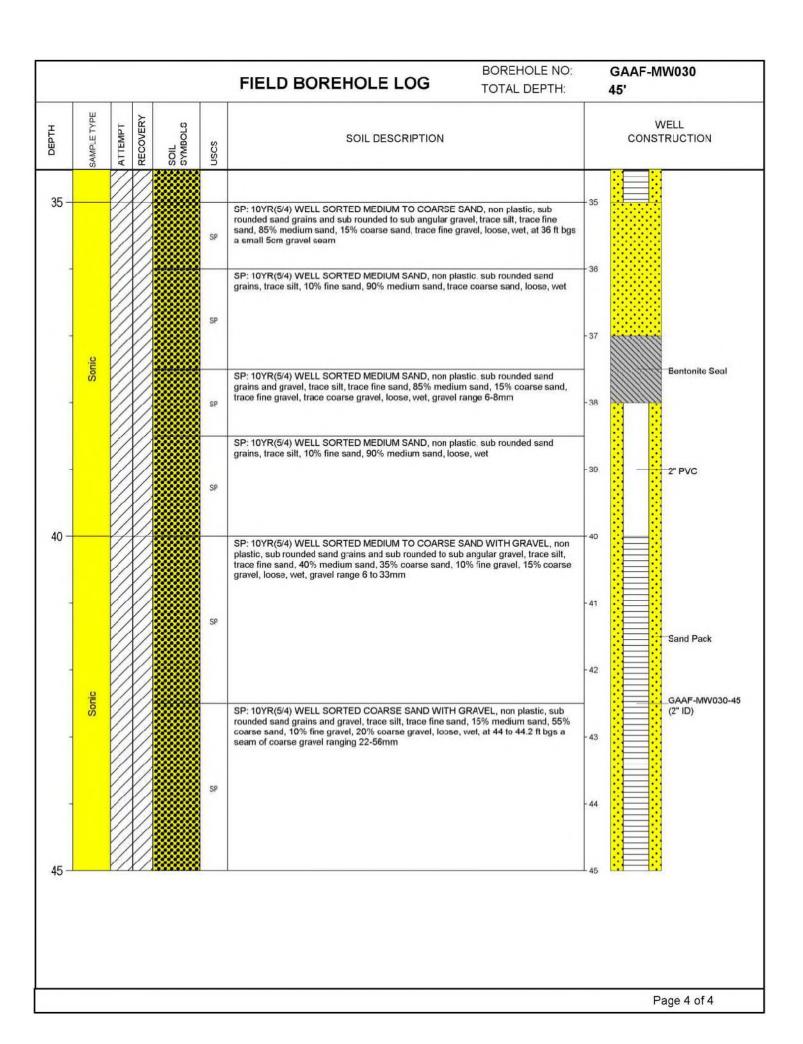


						FIELD BOREHOLE LOG	BOREHOLE NO: TOTAL DEPTH:	65 85	AAF-MW029 '
	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION			WELL CONSTRUCTION
								-84	
					SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE S rounded sand grains and gravel, trace silt, 10% fine sand coarse sand, 5% fine gravel, loose, wet	SAND, non plastic, sub d, 45% medium sand, 40%		
s5 –					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plagrains and gravel, trace silt, 5% fine sand, 90% medium fine gravel, loose, wet	stic. sub rounded send sand, 5% coarse sand, trace	-85	
,								- 05	

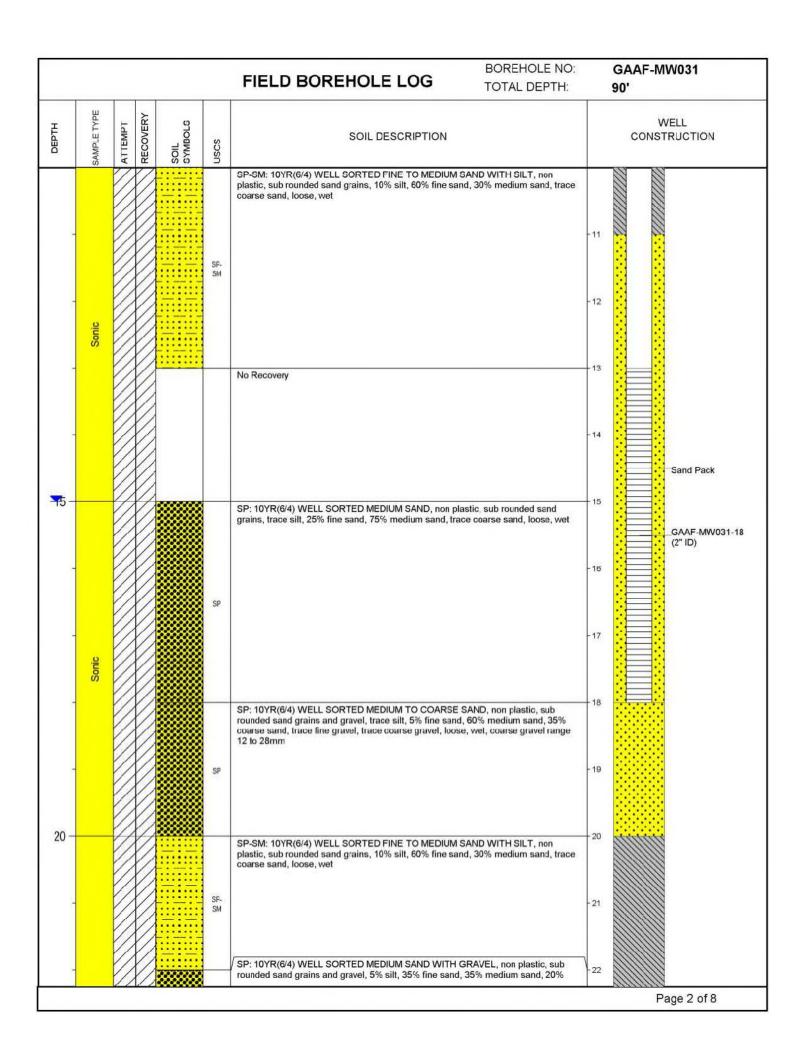
		PRO	DJECT II	NFO	RMATION	DRII	LING INFOR	RMATION	١
ROJE	ECT:		Grayl	ing A	rea PFAS	CONTRACTOR: CREW CHIEF:	Mateco Jeff Croel		
ITE LOCATION: Grayling, MI DRILL RIG TYPE: Geoprol							Geoprobe 8	8140DT	
	CT NO		60551			DRILLING METHOD:	Sonic		
		ANAGER:			erEide	HOLE DIAMETER:	8 1/4"		
	ED BY:		Stanley Krenz			DATE START: DATE END:	12/10/19 12/12/19		
EA	TED BY	C:	Stanl	ey Kr	enz	DATE END.	12/12/19		
	SAMPLETYPE	ATTEMPT	SOIL	nscs	SOIL DE	SCRIPTION		С	WELL ONSTRUCTION
0					10YR(3/3) TOPSOIL, non plastic, sub fine sand, 40% medium sand, trace fin trace roots				
4				SP	SP: 10YR(5/8) WELL SORTED MEDIL grains, 15% silt, 25% fine sand, 60% n		unded sand		
-	Hand Auger			SP	SP: 10YR(6/6) WELL SORTED MEDIL grains, 10% silt, 30% fine sand, 60% n		unded sand	-2 -3 -3	
-				SP	SP: 10YR(6/6) WELL SORTED MEDIL grains and gravel, 10% silt, 20% fine s	JM SAND, non plastic, sub ro and, 60% medium sand, 5% l	unded sand line gravel, 5%	4	Bentonite Seal
5-				SP	coarse gravel, loose, moist, gravel range SP: 10YR(5/6) WELL SORTED MEDIL grains and sub rounded to sub angular medium sand, 15% coarse sand, 10% gravel range 5-10mm	JM SAND, non plastic, sub ro	and, 70%	5 6	1" PVC
-	Sonic			SP	SP: 10YR(5/6) WELL SORTED MEDIL grains and sub rounded to sub angular sand, trace coarse sand, 5% fine grave range 5-7mm, at 7.9 to 8 ft bgs small g	gravel, trace silt, 15% fine sa el, trace coarse gravel, loose,	and, 80% medium	-7	
-					SP: 10YR(5/6) WELL SORTED MEDIL grains and sub rounded to sub angular sand, 15% coarse sand, trace fine gran	gravel, trace silt, 5% fine sar		-8	
				SP				-9	

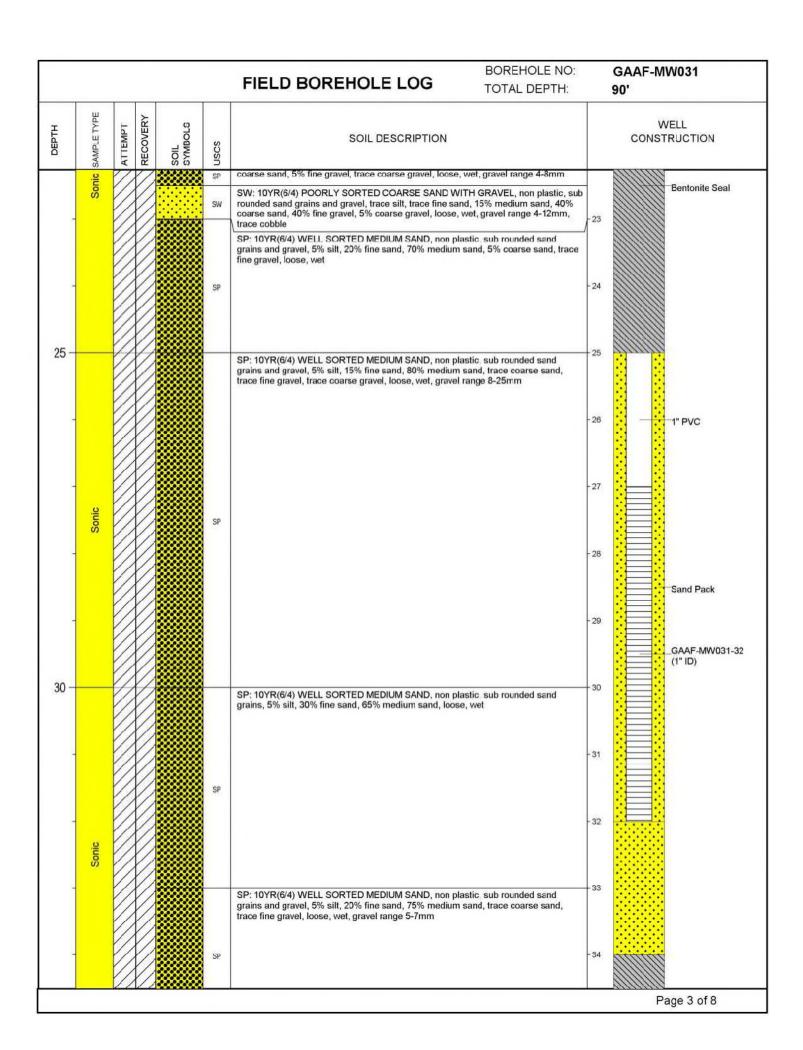


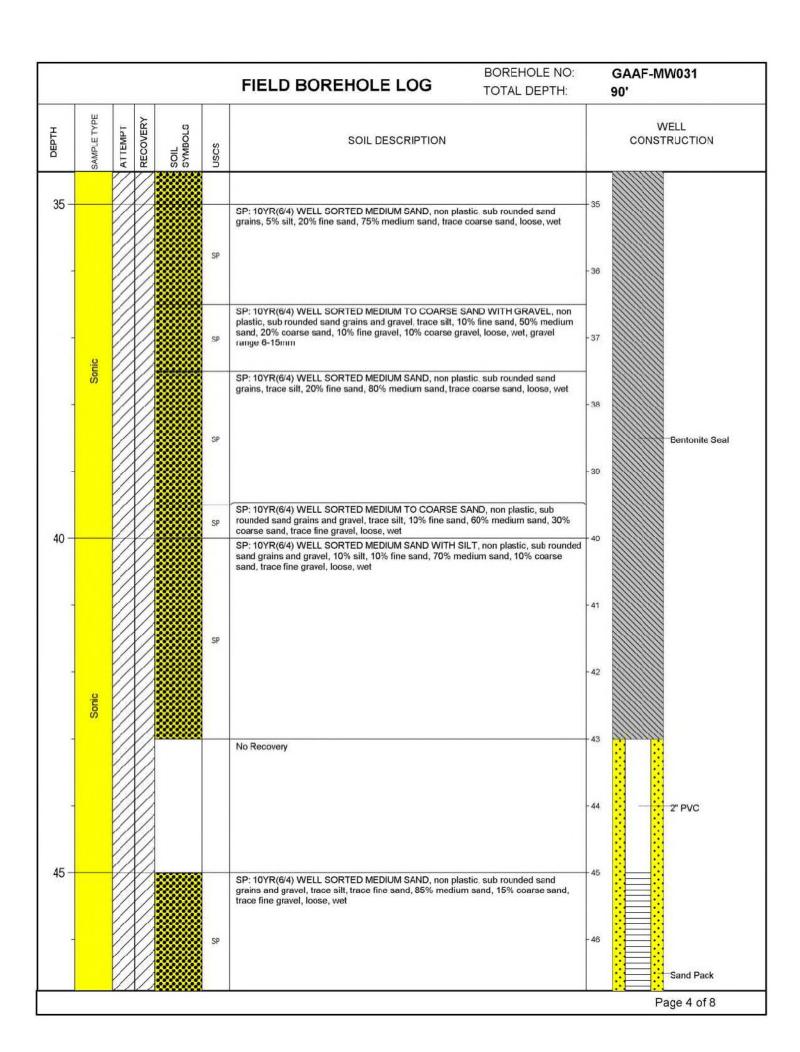


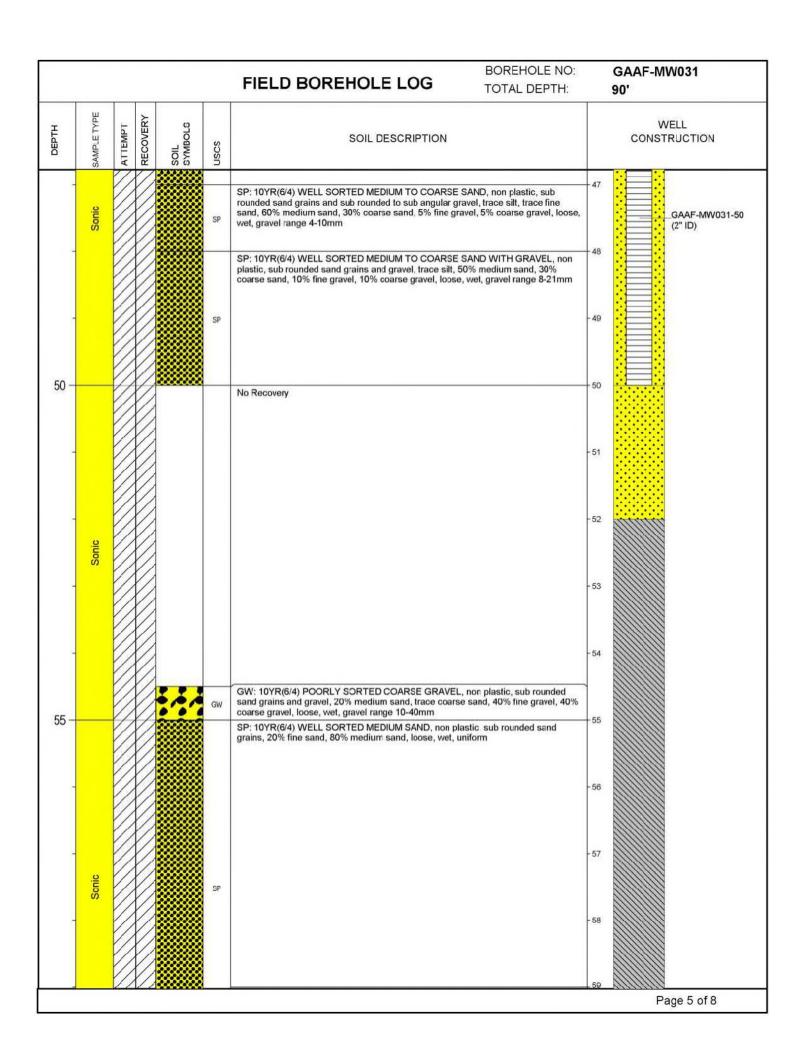


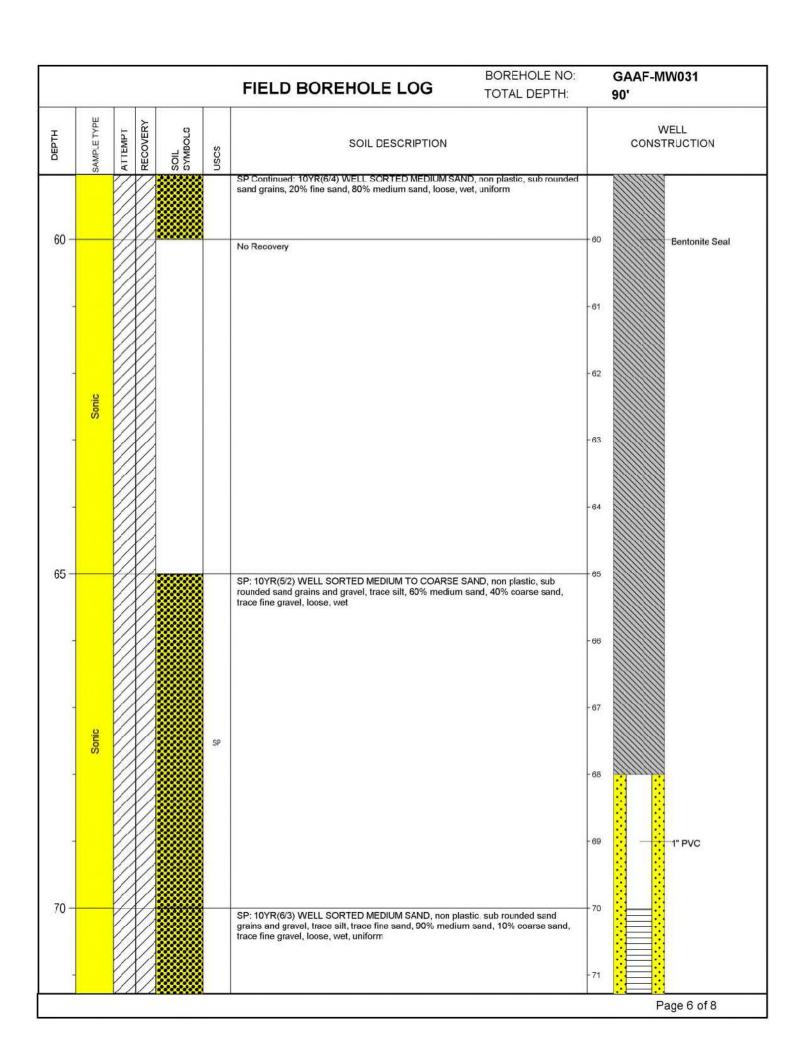
	F	\ <u>≡</u> C	MO		FIELD BOREHOLE	100	OREHOLE NO: OTAL DEPTH:	GAAF-MW031 90'
	-				RMATION		RILLING INFOR	Act Ale
SITE LOCATION: Grayling, MI DRILL RIG DRILLING IN DRIL				ing A	rea PFAS	CONTRACTOR: CREW CHIEF: DRILL RIG TYPE:	Mateco Jeff Croel Geoprobe	
				erEide	DRILLING METHOD HOLE DIAMETER:	Sonic 8 1/4"		
	ED BY		Stanle Stanle			DATE START: DATE END:	11/7/19 11/15/19	
DEPTH	SAMPLE TYPE	ATTEMPT	SOIL	nscs		SCRIPTION		WELL CONSTRUCTION
0					10YR(3/2) TOPSOIL, non plastic, sub 60% medium sand, loose, moist, with		6 silt, 30% fine sand,	
-				SP- SM	SP-SM: 10YR(5/4) WELL SORTED M rounded sand grains, 10% silt, 10% fir sand, loose, moist			
-	Hand Auger			.SP	SP: 10YR(6/4) WELL SORTED MEDII grains, trace silt, 20% fine sand, 80% gravel, loose, moist, gravel range 4-5r	medium sand, trace coars		
				SP	SP: 10YR(6/4) WELL SORTED MEDI rounded sand grains and gravel, trace coarse sand, 10% fine gravel, trace co 8-14mm	silt, 20% fine sand, 50% i	medium sand, 20%	
5-				sw	SW: 10YR(6/4) POORLY SORTED M rounded sand grains, trace silt, trace f sand, 10% fine gravel, 10% coarse gra	ine sand, 60% medium sa	ind, 20% coarse	Bentonite Seal
_	Sonic			СН	CH: 10YR(6/1) FAT CLAY, high plasti	city, 90% clay, 10% silt, m	oist, soft	-7 PVC
					SP: 10YR(6/4) WELL SORTED MEDII grains, trace silt, 10% fine sand, 75%			
10				SP				

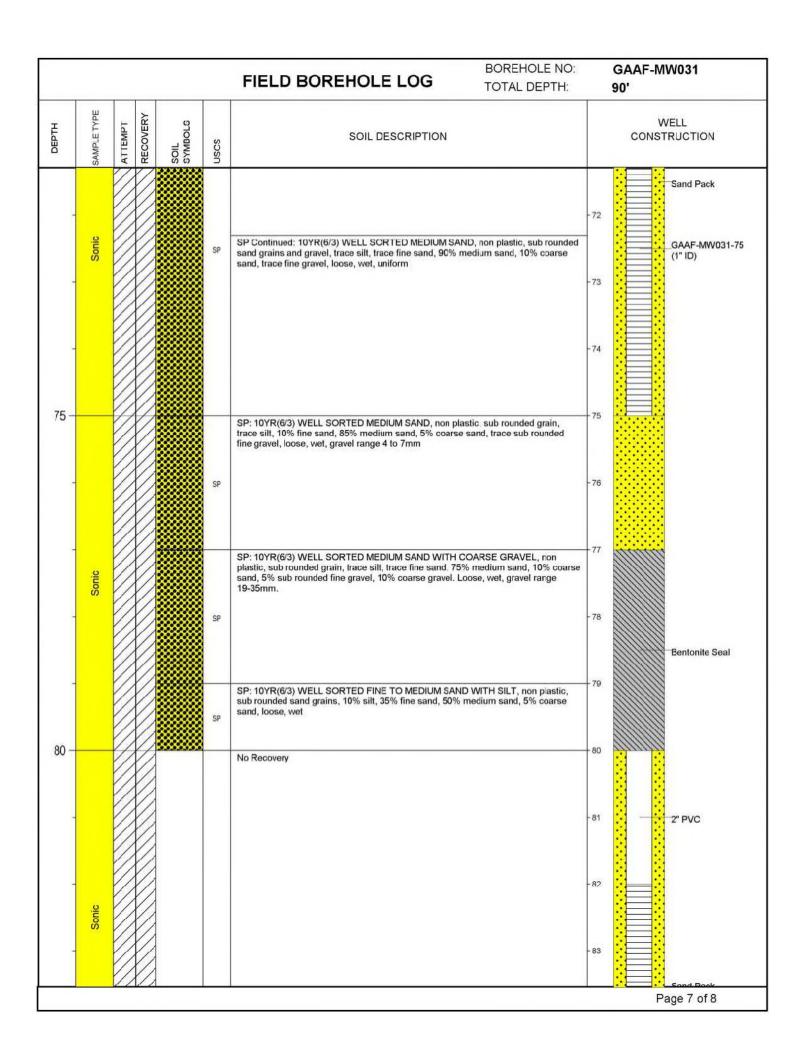


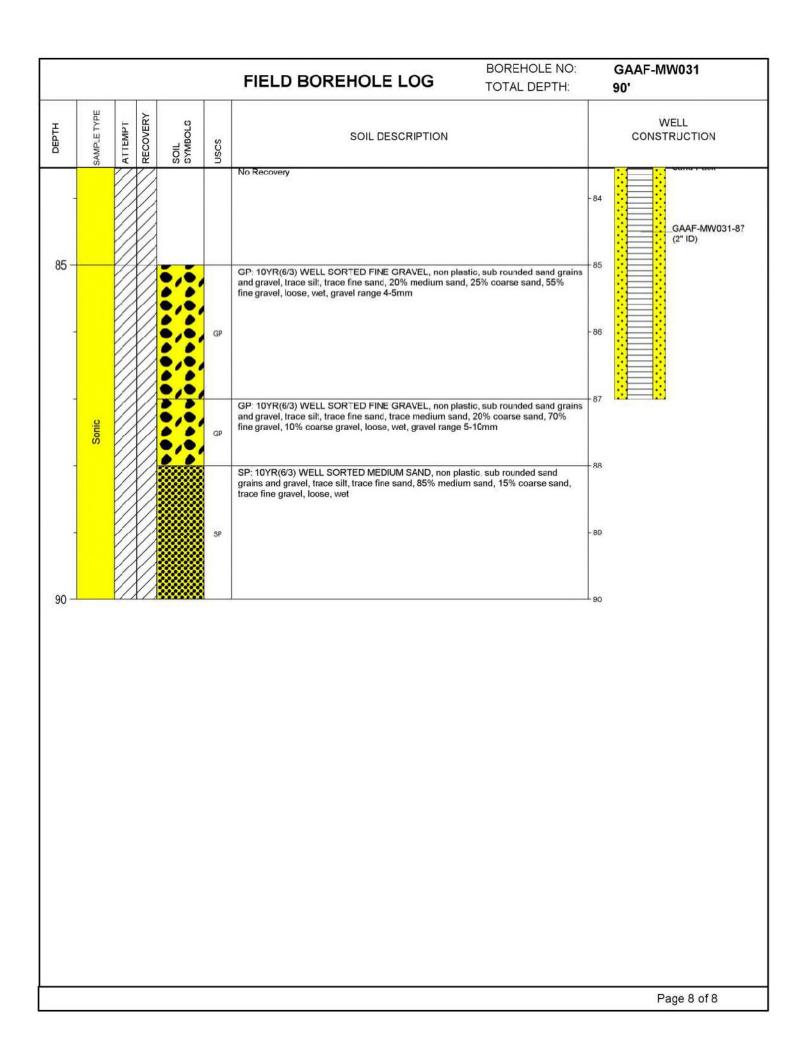




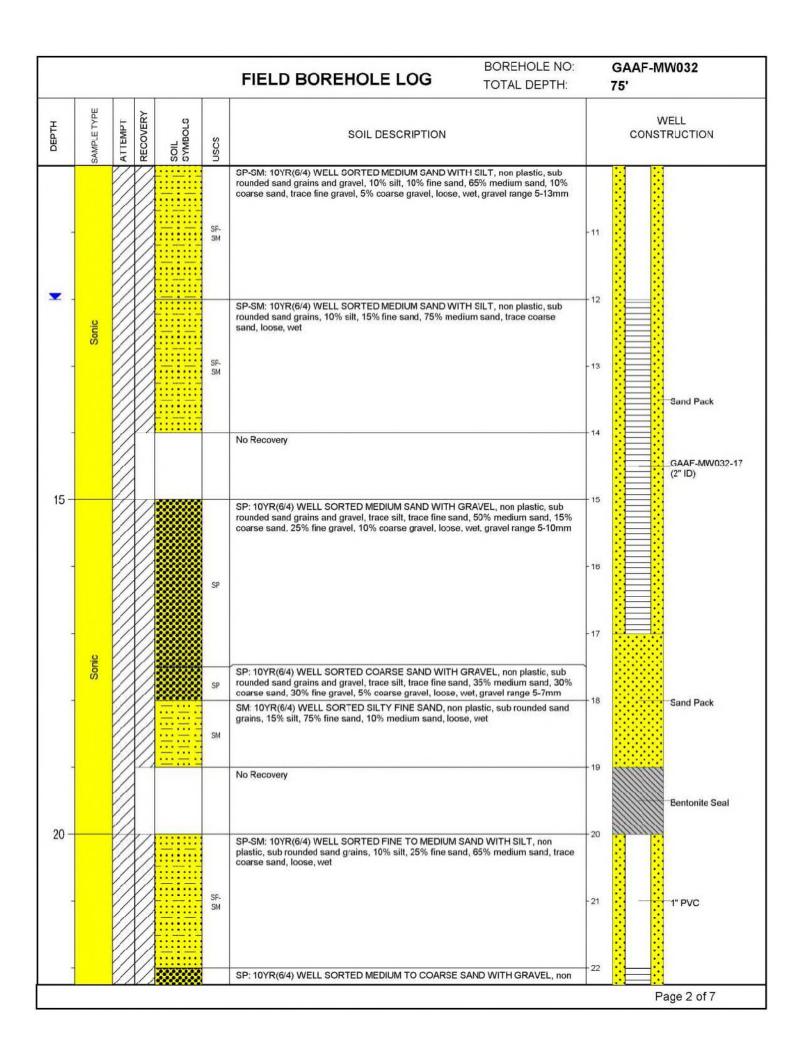


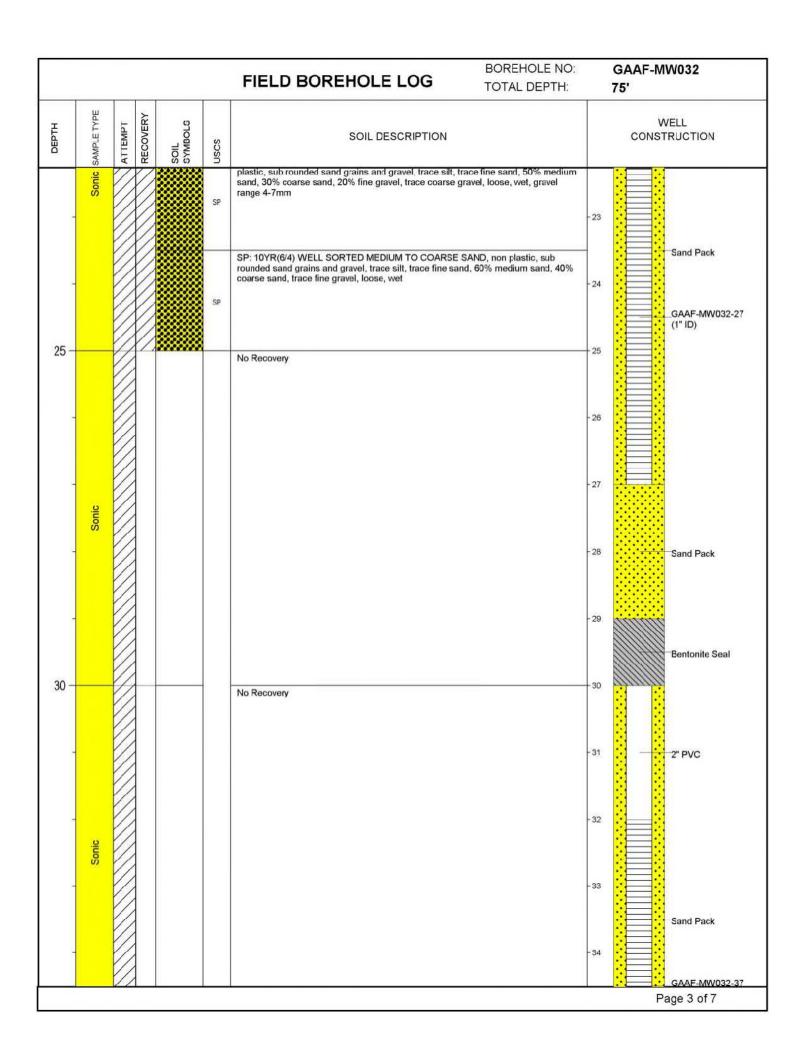




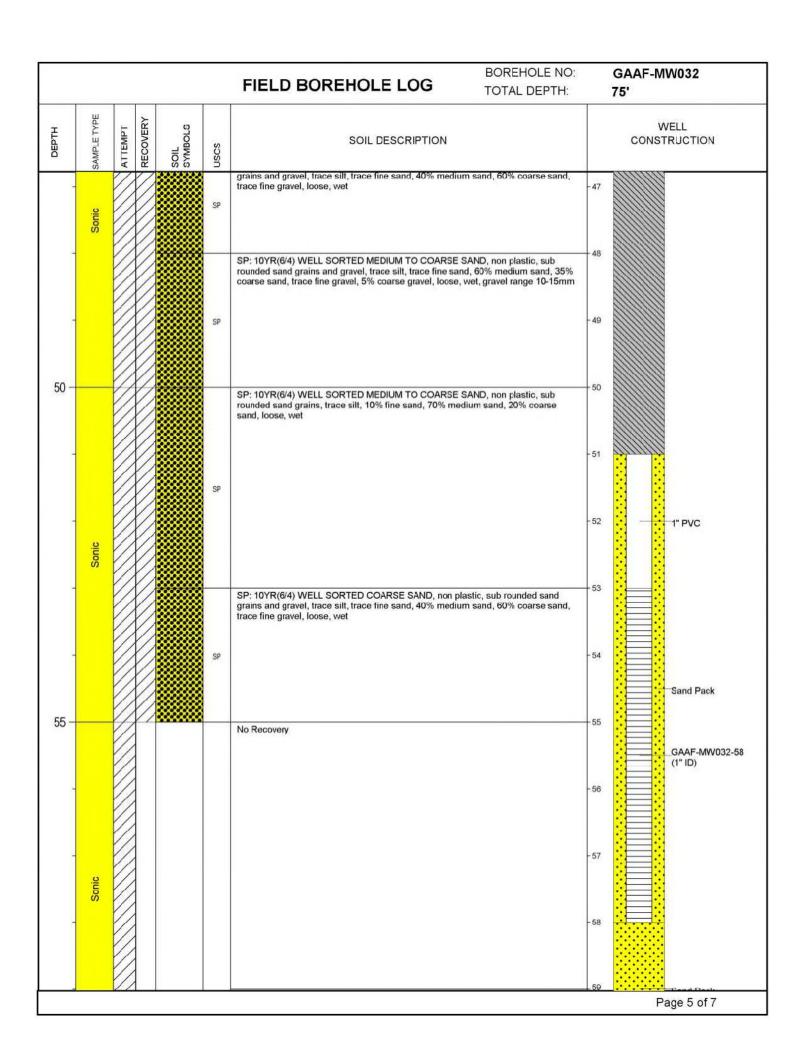


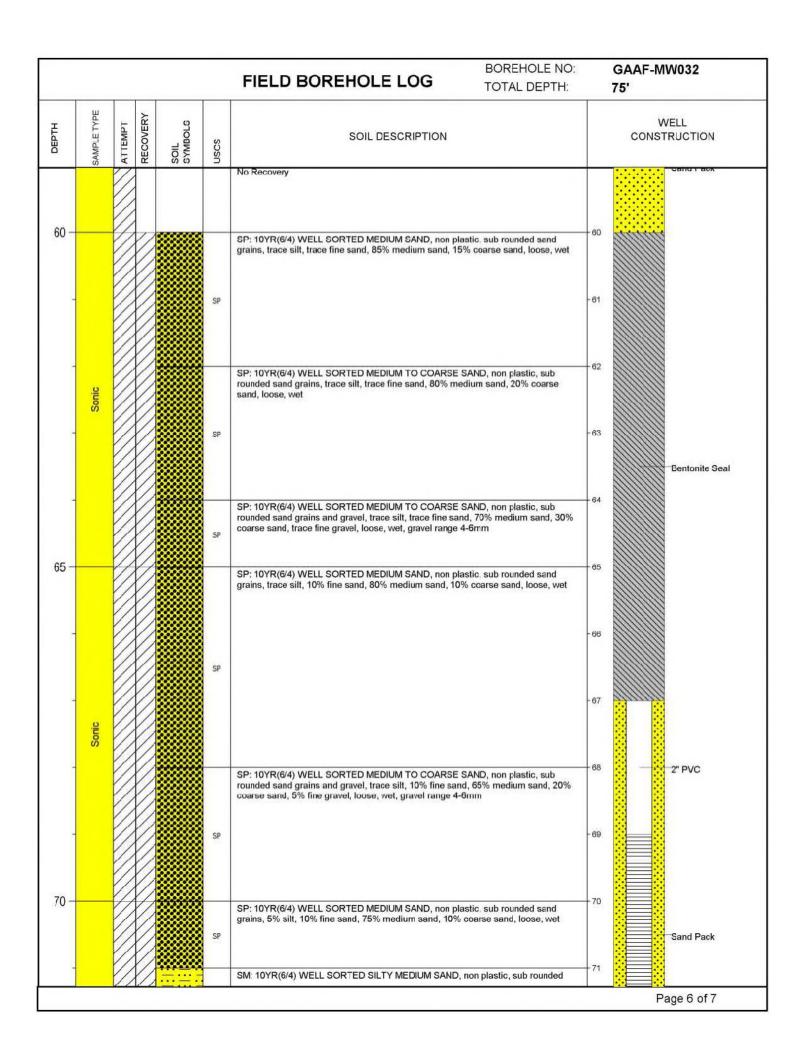
	A		COM		FIELD BOREHOL	E LOG		HOLE NO: L DEPTH:		3AAF-1 '5'	MW032
		PF	OJECT II	NFO	RMATION		DRILL	ING INFOR	MAT	ION	
PROJECT: SITE LOCATION: PROJECT NO.: PROJECT MANAGER: LOGGED BY: CREATED BY:			Grayling Area PFAS Grayling, MI 60561441 ER: Matt VanderEide Stanley Krenz Stanley Krenz			CONTRACTOR: CREW CHIEF: DRILL RIG TYPE: DRILLING METHOD: HOLE DIAMETER: DATE START: DATE END:		Mateco Jeff Croel Geoprobe 8140DT Sonic 8 1/4" 1/9/20 1/13/20			
DEPTH	SAMPLE TYPE	ATTEMPT	SOIL	nscs	SOIL	DESCRIPTION					WELL STRUCTION
0					10YR(3/3) TOPSOIL, non plastic, su 90% medium sand, loose, dry, trace	b rounded sand grains grass and roots	s, trace silt,	10% fine sand,	0		
	Hand Auger			SP	SP: 10YR(3/6) WELL SORTED MEI sand grains, 10% silt, 10% fine sand	DIUM SAND WITH SIL I, 80% modium sand, I	T, non plas	tic, sub rounded	-1 -2		
_				SP	SP: 10YR(6/6) WELL SORTED MEI grains, 5% silt, 10% fine sand, 85%	DIUM SAND, non plast medium sand, loose, (ic. sub rour dry	ided sand	-3		
5				SP	SP: 10YR(6/4) WELL SORTED MEI grains, trace silt, 15% fine sand, 85%	DIUM SAND, non plast 6 medium sand, loose	ic sub rour , moist	ded sand	5 6		Bentonite Seal 2" PVC
	ic			SF- SM	SP-SM: 10YR(6/4) WELL SORTED plastic, sub rounded sand grains, 10 moist No Recovery	FINE TO MEDIUM SA % silt, 30% fine sand,	ND WITH S 60% mediu	SILT, non um sand, loose	-7		
-	Sonic								-8		
-									-9		
10									10		Page 1 of 7

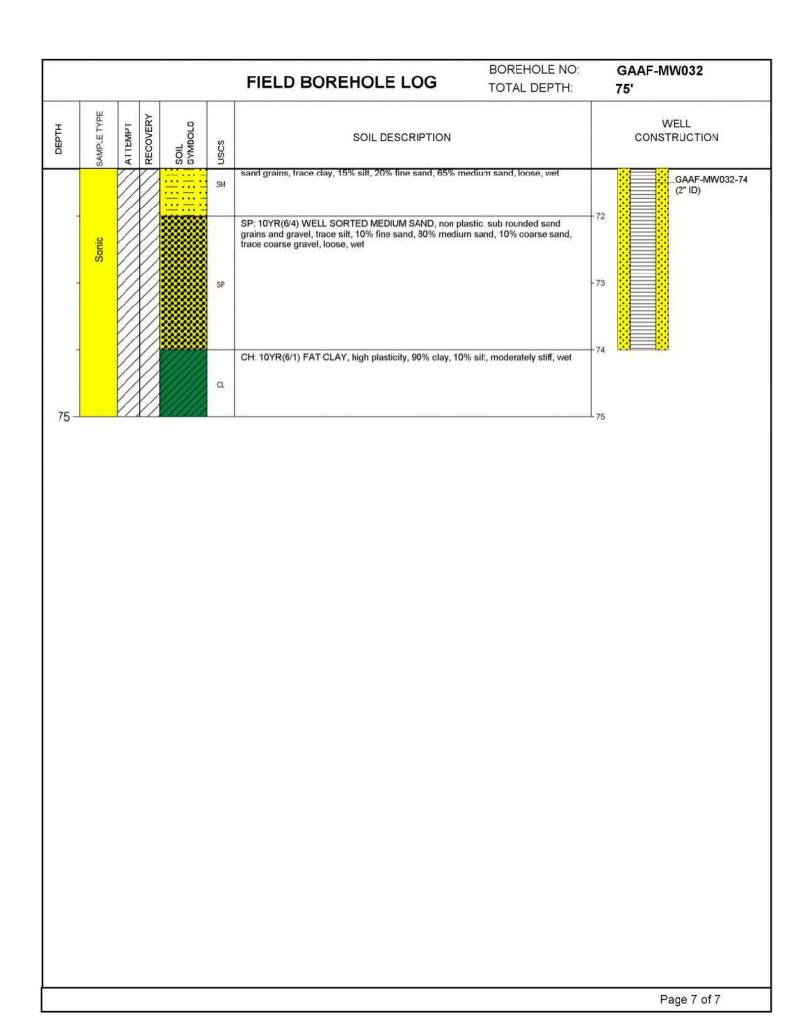


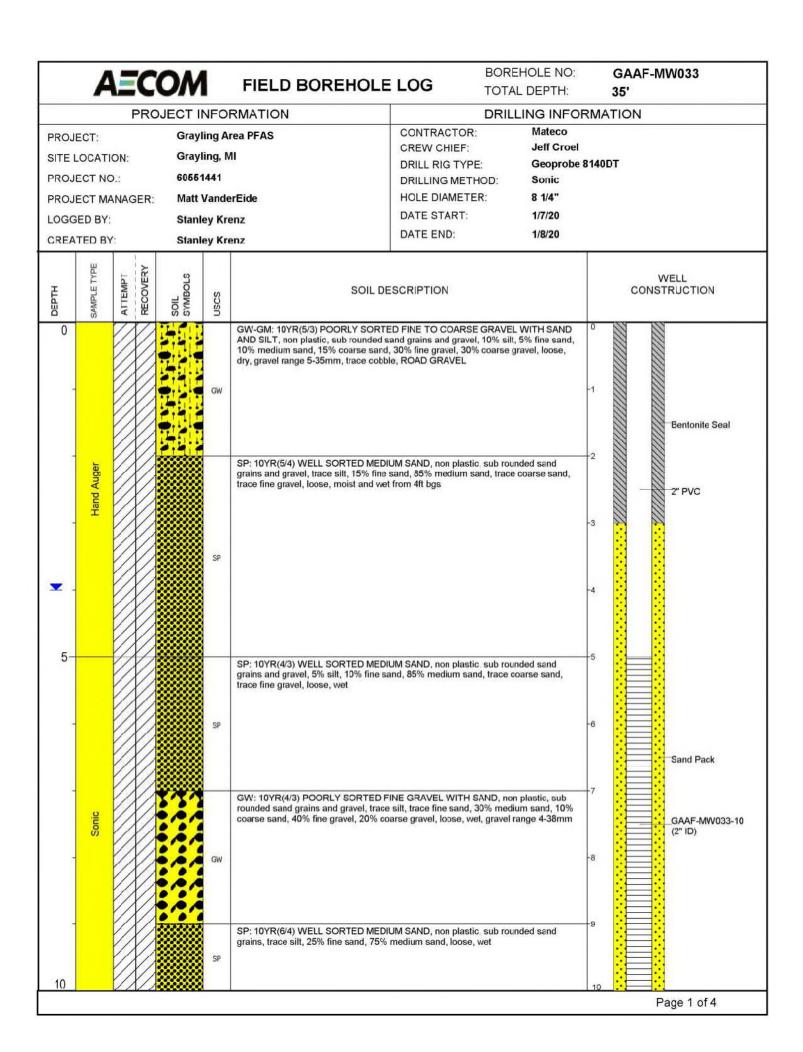


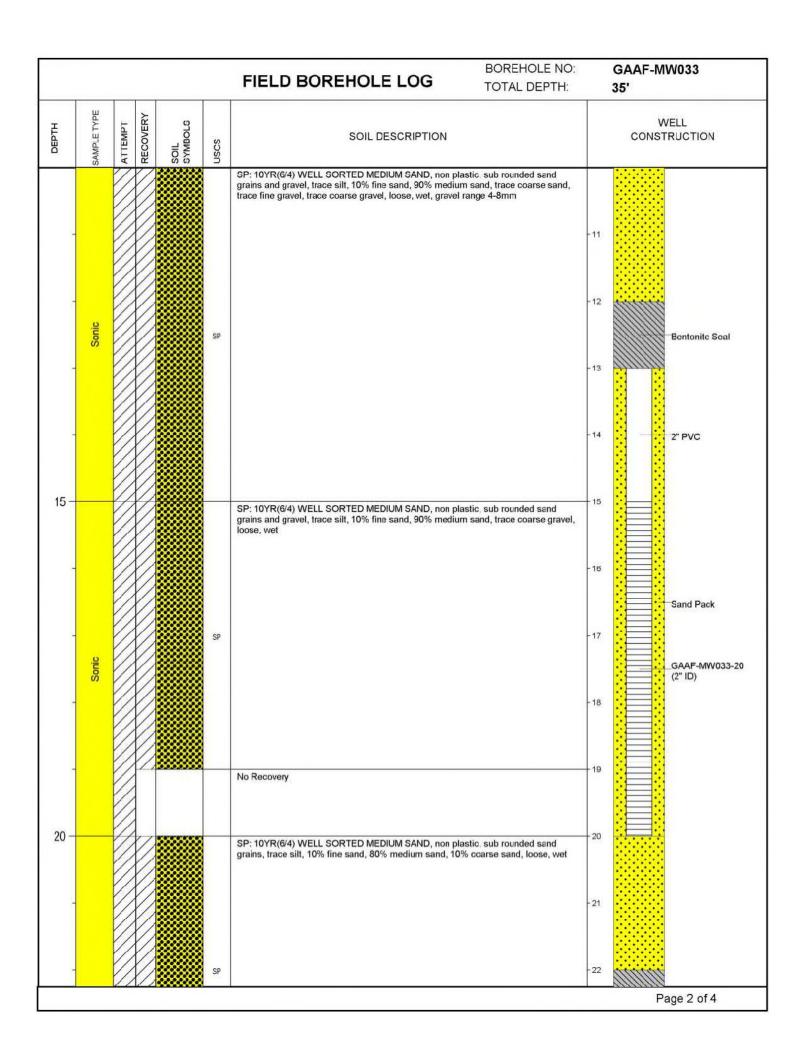
						FIELD BOREHOLE LOG BOREHOLE TOTAL DEP		GAAF-MW032 75'
	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION		WELL CONSTRUCTION
-	Sonic				SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND, non plastic, sur rounded sand grains, trace silt, trace fine sand, 70% medium sand, 30% coars sand, loose, wet	b se	-35 (2" ID) -36
-					SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND, non plastic, sul rounded sand grains and gravel, trace silt, trace fine sand, 70% medium sand coarse sand, 5% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-22n	b , 20% nm	Sand Pack
0 -					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded san grains and gravel, trace silt, trace fine sand, 85% medium sand, 15% coarse s trace sub rounded fine gravel, loose, wet	and,	-41
-	Sonic				SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND WITH CRAVEL plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 45% m sand, 30% coarse sand, 10% fine gravel, 15% coarse gravel, loose, wet, graver range 5-10mm	edium el	-43
					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded san grains and gravel, trace silt, trace fine sand, 85% medium sand, 15% coarse strace fine gravel, loose, wet SP: 10YR(6/4) WELL SORTED COARSE SAND, non plastic, sub rounded san	sand,	
-					SP	grains and gravel, trace silt, trace fine sand, 35% medium sand, 60% coarse s 5% fine gravel, trace coarse gravel, loose, wet	sand,	-44
5 -					SP	SP: 10YR(6/4) WELL SORTED COARSE SAND WITH GRAVEL, non plastic, rounded sand grains and gravel, trace silt, trace fine sand, 25% medium sand, coarse sand, 10% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-8n	60%	Bentonite Seal
						SP: 10YR(6/4) WELL SORTED COARSE SAND, non plastic, sub rounded sar	nd	

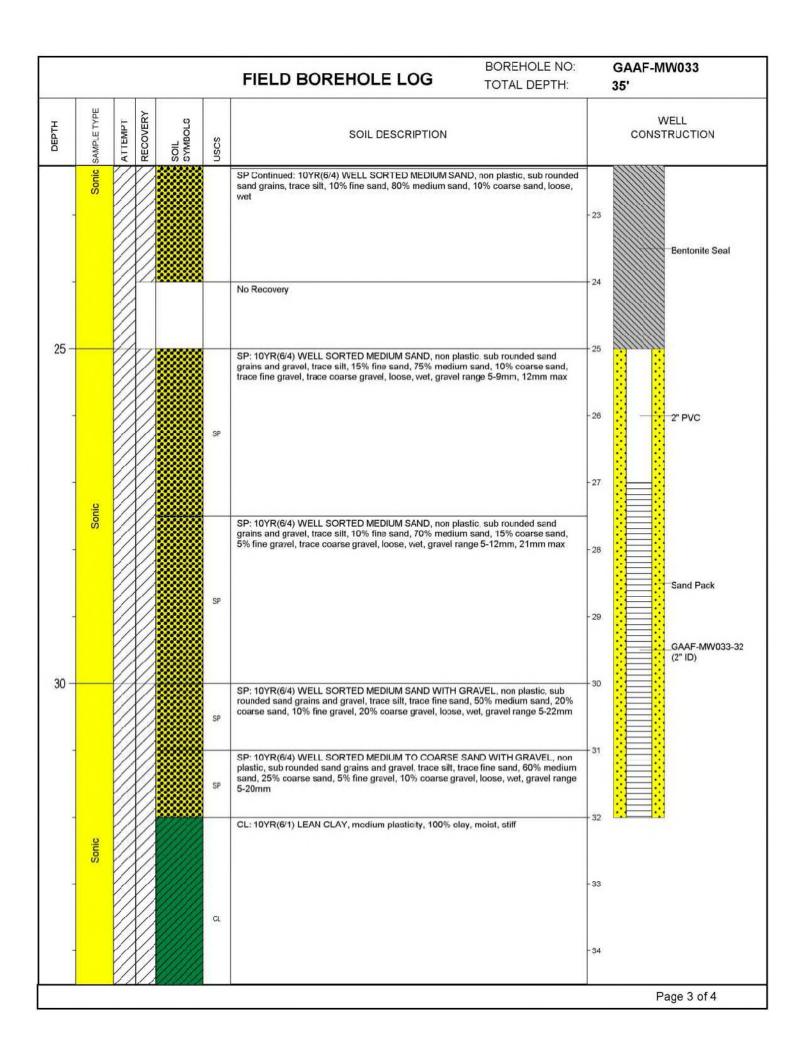






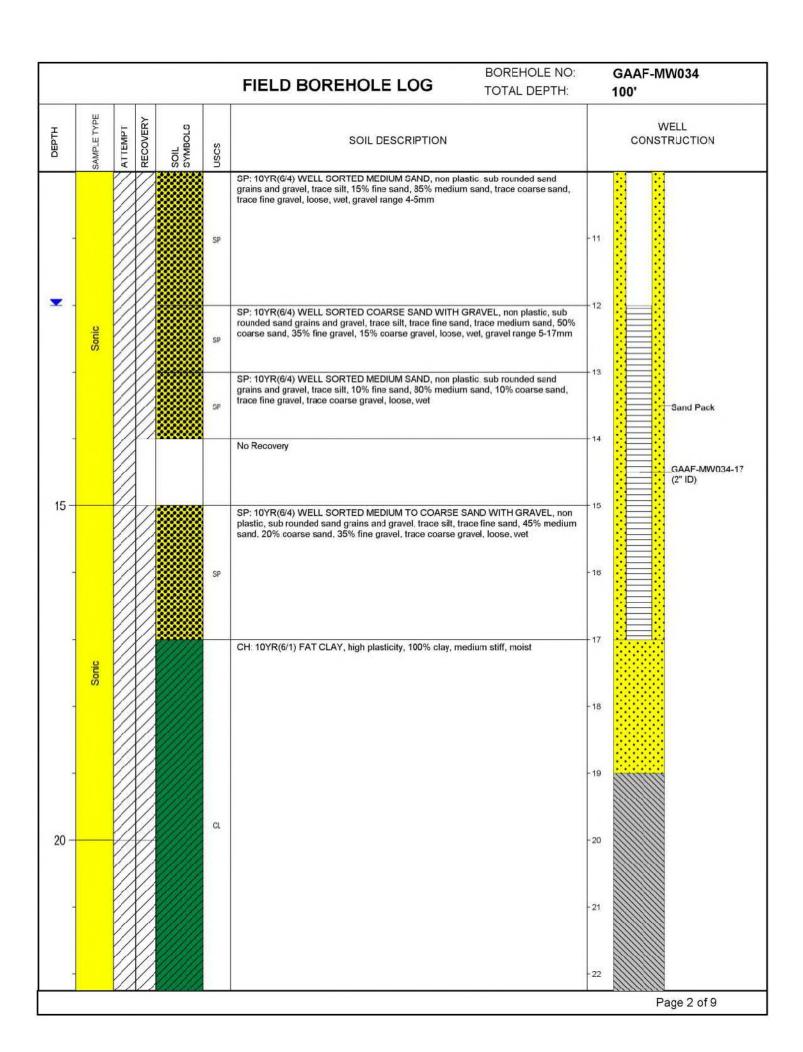


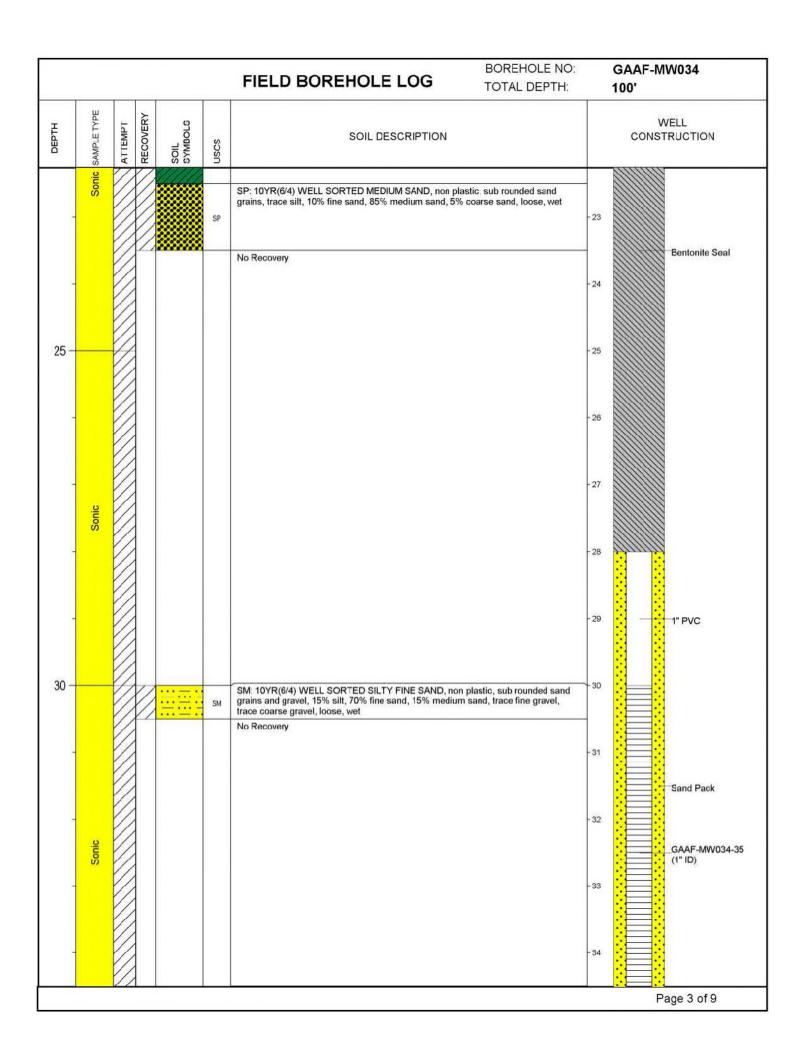




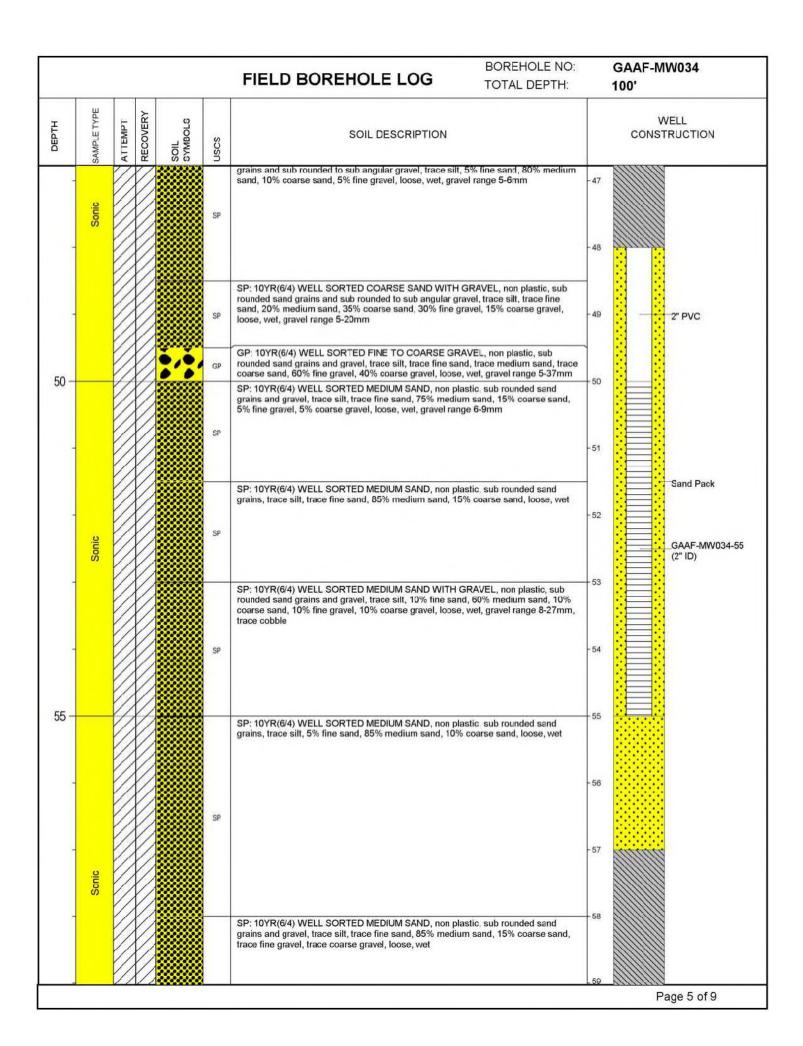
							BOREHOLE NO:	GAAF-MW033
						FIELD BOREHOLE LOG	TOTAL DEPTH:	35'
рертн	SAMPLE TYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION		WELL CONSTRUCTION
			1			CL Continued: 10YR(6/1) LEAN CLAY, medium plasticity	, 100% clay, moist, stiff	
35 -		///		11.111.1.	9 57	<u> </u>		35
								Page 4 of 4

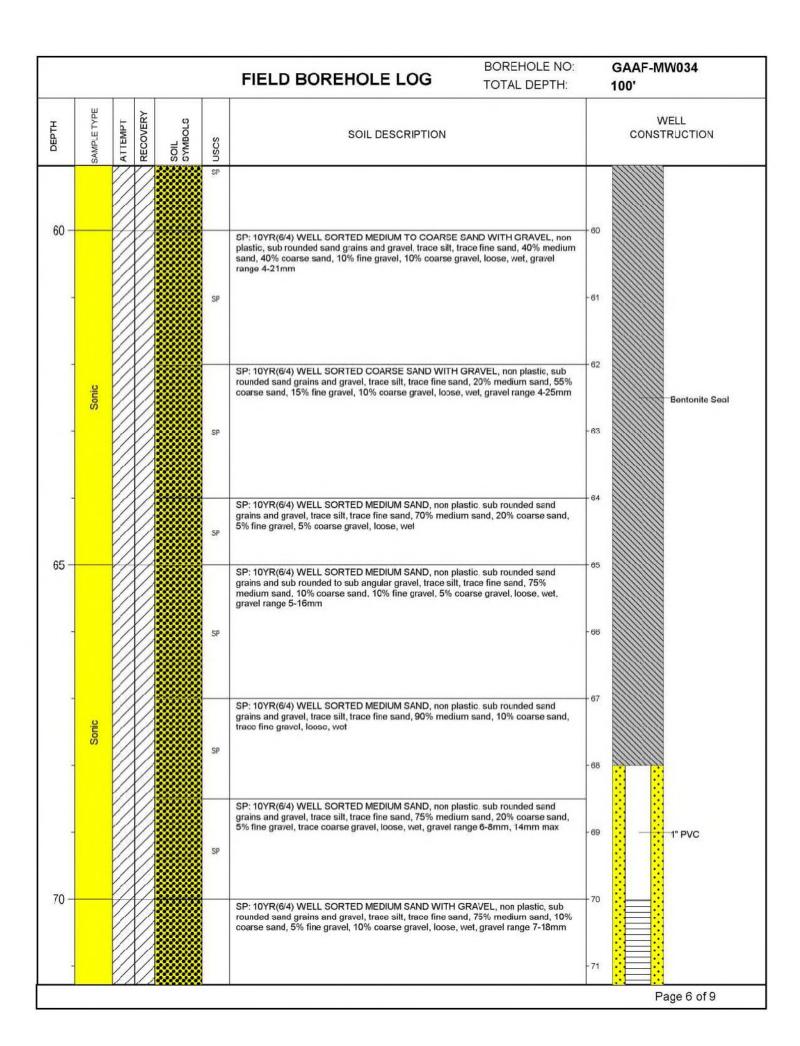
	1=6	OM		FIELD BOREHOLI	ELOG	TOTAL DEPTH:	GAAF-MW034 100'	
	PRO	DJECT II	VFO	RMATION		DRILLING INFO	RMATION	
PROJECT: Grayling SITE LOCATION: Grayling, PROJECT NO.: 60551441 PROJECT MANAGER: Matt Van LOGGED BY: Stanley K				11 erEide enz	CONTRACTOR: CREW CHIEF: DRILL RIG TYPE: DRILLING METHO HOLE DIAMETER DATE START: DATE END:	OD: Sonic		
SAMPLE TYPE	ATTEMPT RECOVERY	SOIL	uscs	SOIL D	ESCRIPTION		WELL CONSTRUCTION	ON
Sonic Hand Auger			SP SP SP	10YR(4/4) TOPSOIL, non plastic, sus and, 80% medium sand, 20% coars loose, moist, trace grass and roots SP: 10YR(4/4) WELL SORTED MED grains and gravel, trace fine sand, 90 gravel, loose, moist SP: 10YR(4/4) WELL SORTED MED grains and gravel, trace silt, 5% fine trace fine gravel, loose, moist SP: 10YR(4/4) WELL SORTED MED grains and gravel, trace silt, 15% fine trace fine gravel, trace silt, 15% fine trace fine gravel, trace solt, 10YR (6/4) mottling SP: 10YR(4/4) WELL SORTED MED rounded sand grains and sub rounde sand, 70% medium sand, 30% coars loose, wet, gravel range 6-14mm SP: 10YR(6/4) WELL SORTED MED grains, trace silt, 10% fine sand, 90% No Recovery	DIUM SAND, non plastic, sand, 85% medium sand, 10% c sand, 85% medium sand, 10W medium sand	sub rounded sand oarse sand, trace fine sub rounded sand f, 10% coarse sand, sub rounded sand ad, 5% coarse sand, range 22-37mm, with c), non plastic, sub trace silt, trace fine trace coarse gravel,	-1 -2 -3 -4 -5 Bentoni 2" PVC	
10				NO RECOVERY				



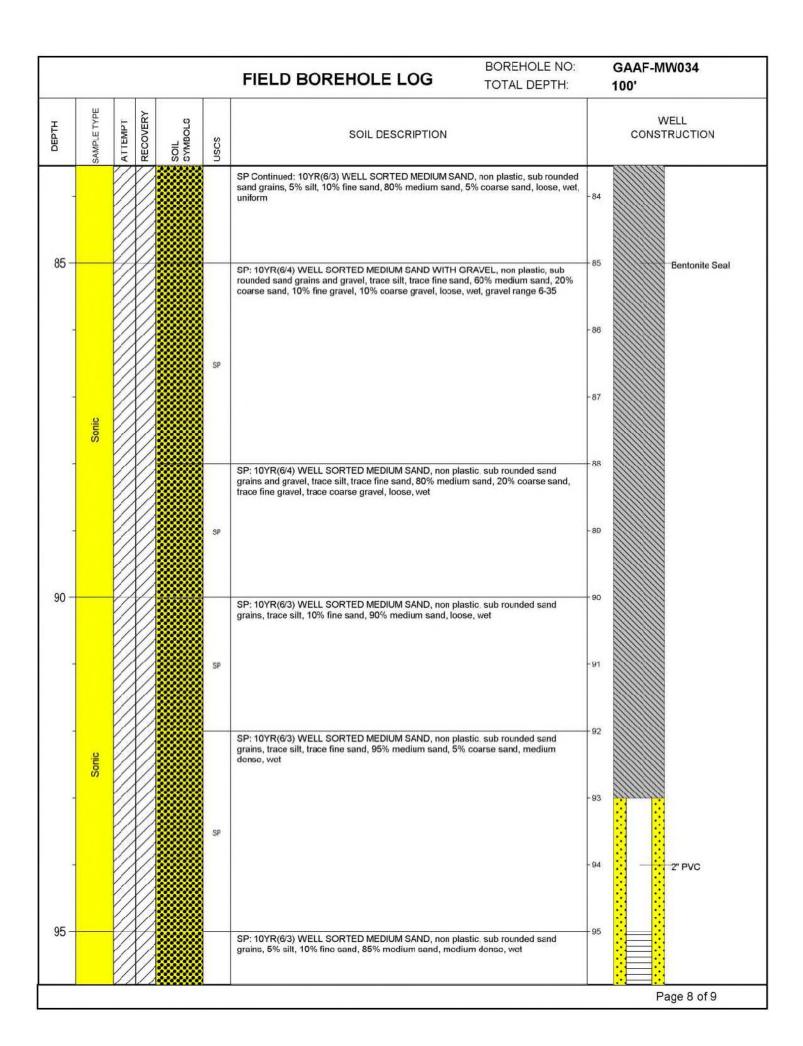


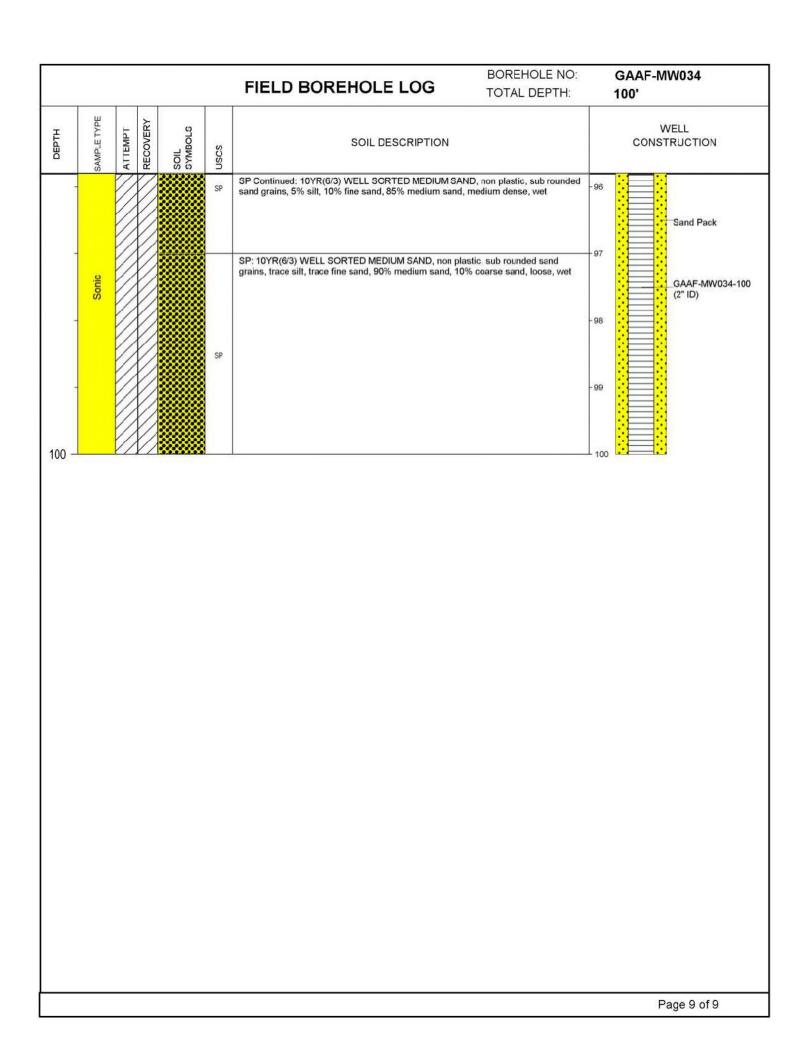
						FIELD BOREHOLE LOG BOREHOLE NO: TOTAL DEPTH:	GAAF-MW034 100'
DEPTH	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION	WELL CONSTRUCTION
35 —						No Recovery SP-SM: 10YR(6/4) WELL SORTED FINE SAND WITH SILT, non plastic, sub-rounded sand grains, 10% silt, 80% fine sand, 10% medium sand, loose, wel	- 35
-	Sonic				SF- SM		-36
					SP	SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND WITH GRAVEL, non plastic, sub rounded sand grains and gravel, 5% silt, 10% fine sand, 30% medium sand, 40% coarse sand, 15% fine gravel, loose, wet, gravel range 5-7mm	-30
40 -					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, 10% fine sand, 80% medium sand, trace coarse sand, 5% fine gravel, 5% coarse gravel, loose, wel, gravel range 3-11mm	-41
-	Sonic				SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, 10% fine sand, 85% medium sand, 5% coarse sand, loose, wet	Eentonite Seal
45 -					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and sub rounded to sub angular gravel, trace silt, 5% fine sand, 85% medium sand, 10% coarse sand, trace fine gravel, loose, wet	-46
		//				SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand	



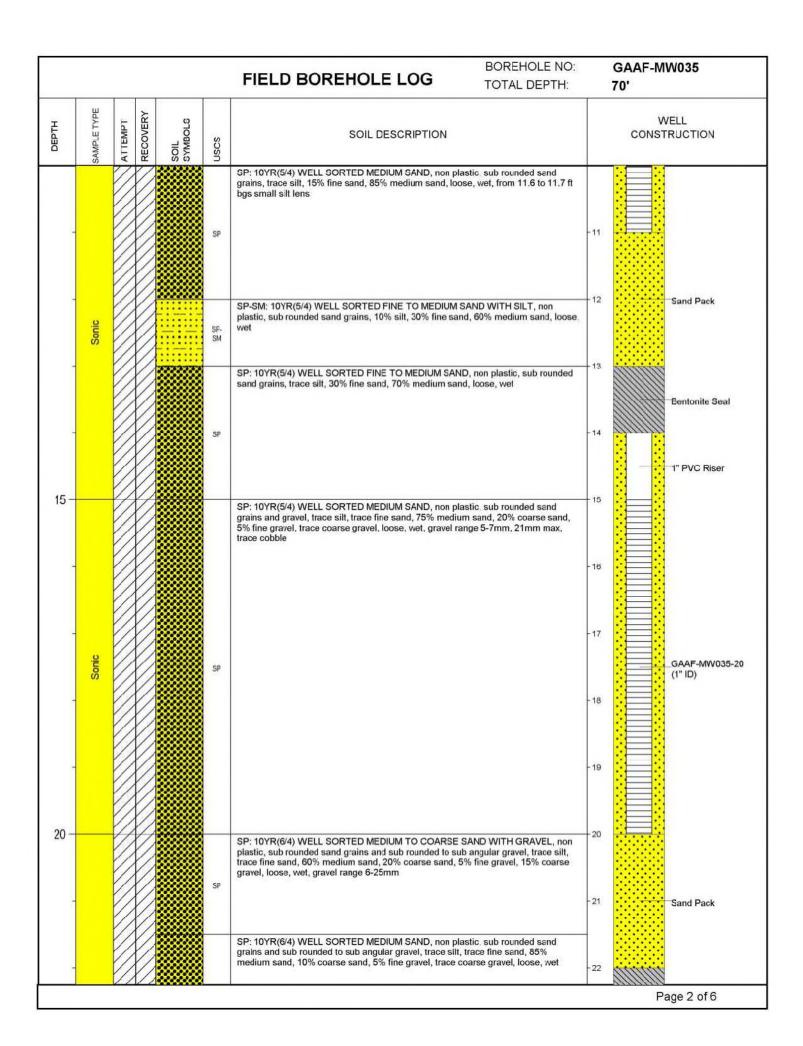


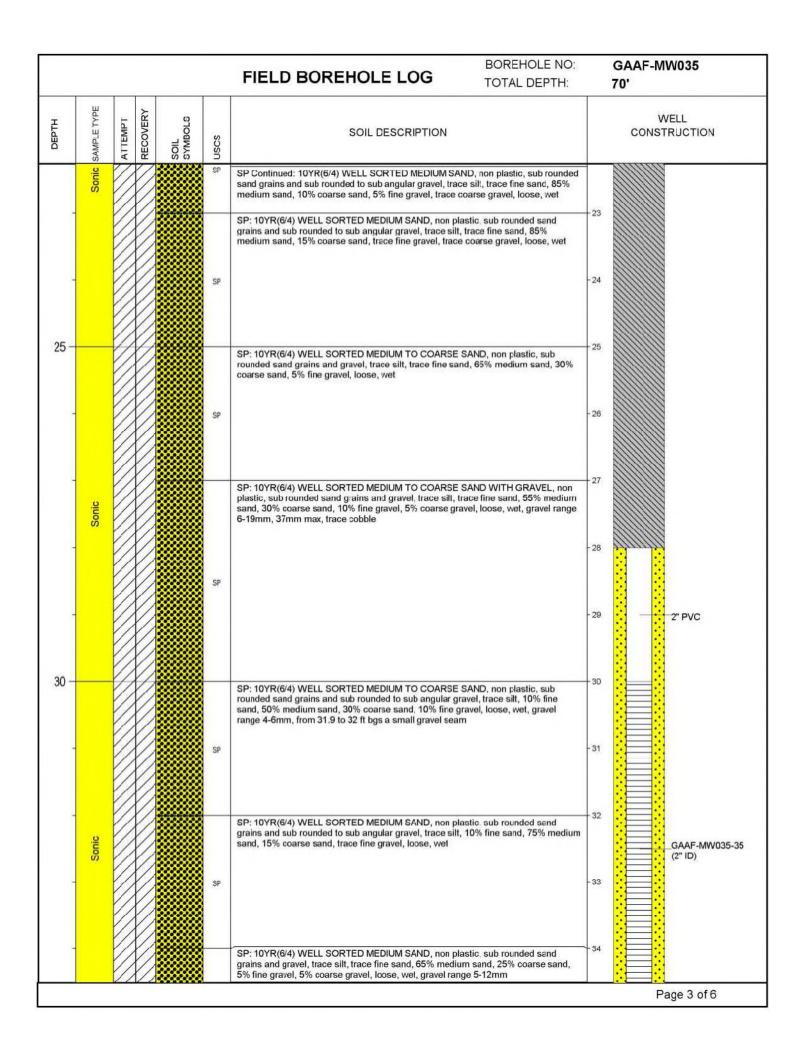
						GAAF-MW034 100'			
T.	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION			WELL CONSTRUCTION
-	Sonic			97 97	SP	SP Continued: 10YR(6/4) WELL SORTED MEDIUM SAN plastic, sub rounded sand grains and gravel, trace silt, trasand, 10% coarse sand, 5% fine gravel, 10% coarse gravel,	ace fine sand, 75% medium	-72	Sand Pack GAAF-MW034-75
-					SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non pla grains and gravel, trace silt, trace fine sand, 80% mediur trace fine gravel, loose, wet	stic, sub rounded sand n sand, 20% coarse sand,	 73	
-					SP	SP: 10YR(6/4) WELL SORTED FINE TO MEDIUM SAND sand grains, 5% sill, 25% fine sand, 70% medium sand,	O, non plastic, sub rounded loose, wet	 74	
'5 —						SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non pla grains, trace silt, trace fine sand, 90% medium sand, 100	stic sub rounded sand % coarse sand, loose, wet	- 75	
-	Sonic				SP			-76	
-	0,7					SM: 10YR(6/2) WELL SORTED SILTY FINE SAND, non grains, 15% silt, 65% fine sand, 20% medium sand, loos	plastic, sub rounded sand e, wet	-78	
-					SM			-79	
0 -						SP: 10YR(6/3) WELL SORTED MEDIUM SAND, non pla grains, 5% silt, 10% fine sand, 80% medium sand, 5% co uniform	stic. sub rounded sand parse sand, loose, wet,	-80	
2								-81	
	Sonic				sp			-82	
-								-83	



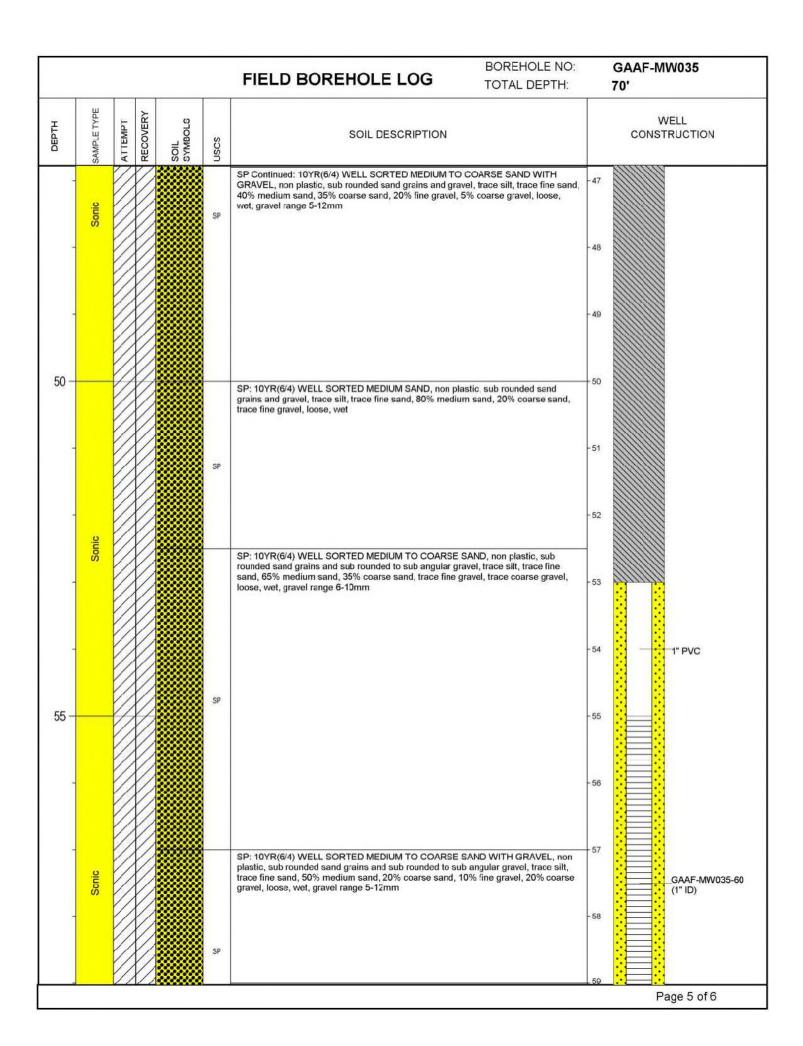


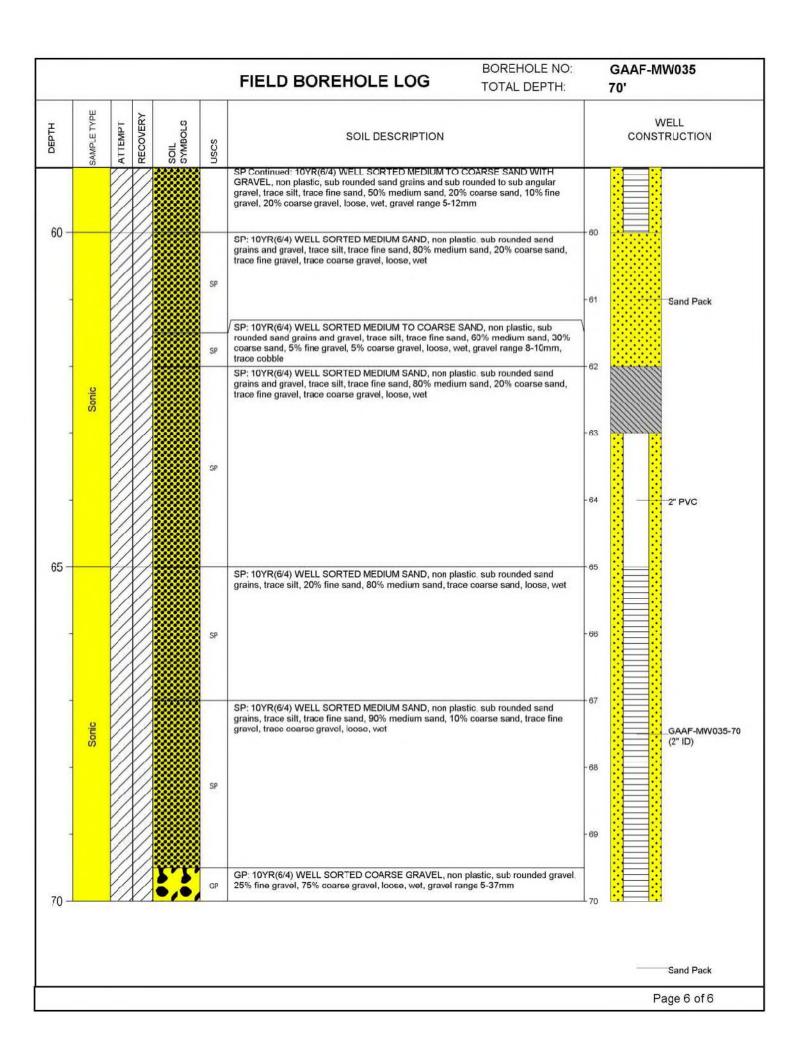
	A	NEC	MO		FIELD BOREHOLE	100	REHOLE NO: AL DEPTH:	GAAF-MW035 70'
	-	-	The state of the s		RMATION	(1-0.0)	LLING INFOR	Print.
ROJE	CT	1.133	2000-1000-0	-	rea PFAS	CONTRACTOR:	Mateco	AND CITOTY
TOPIN STATE	OCATI	ON	Grayl	(30)		CREW CHIEF:	Jeff Croel	
			60551	IN PERSON	ing.	DRILL RIG TYPE:	Geoprobe 8	8140DT
	CT NO				Fid.	DRILLING METHOD: HOLE DIAMETER:	Sonic 8 1/4"	
	V42 4 11 V A	ANAGER:			erEide	DATE START:	12/4/19	
	D BY		Stanle			DATE END:	12/6/19	
REAT	ED B	() 	Stanle	ey Kre	enz	5/112 2/10.	12.0710	
H H	SAMPLE TYPE	ATTEMPT	SOIL	nscs	SOIL DE	SCRIPTION		WELL CONSTRUCTION
0					10YR(3/3) TOPSOIL, non plastic, sub loose, dry, trace roots	rounded sand grains, 50% sil	t, 50% fine sand,	
-				SM	SM: 10YR(3/3) WELL SORTED SILTY rounded sand grains and gravel, 20% fine gravel, trace coarse gravel, loose,	silt, 40% fine sand, 40% med		
	Auger			SF- SM	SP-SM: 10YR(3/6) WELL SORTED M rounded sand grains, 10% silt, 30% fir	EDIUM SAND WITH SILT, no ne sand, 60% medium sand, l	n plastic, sub oose, dry	-2
Hand Auger	Hand			SP	SP: 10YR(6/8) WELL SORTED MEDII grains and gravel, 5% silt, 15% fine sa loose, moist, wet from 5 ft bgs	ind, 80% medium sand, trace	fine gravel,	-3 2" PVC
				SP- SM	SP-SM: 10YR(5/8) WELL SORTED M rounded sand grains, trace clay, 10% coarse sand, loose, wet	EDIUM SAND WITH SILT, no silt, 25% fine sand, 60% medi	n plastic, sub ium sand, 5%	-6
1	ic			ML	ML: 10YR(5/6) WELL SORTED SILT, 10% fine sand, loose, wet	non plastic, sub rounded sand	d grains, 90% silt,	⁺⁷
10	Sonic			SP	SP: 10YR(5/6) WELL SORTED MEDII grains, trace silt, 10% fine sand, 90%		unded sand	-8 GAAF-MW035-11 (2" ID)



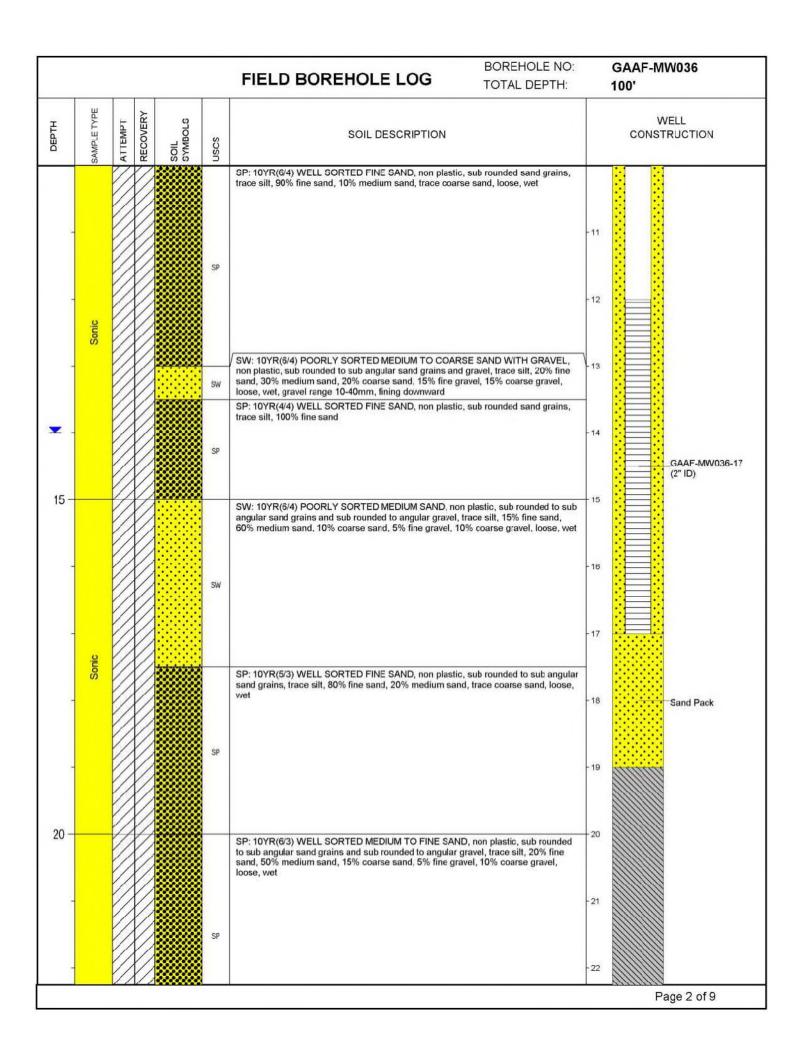


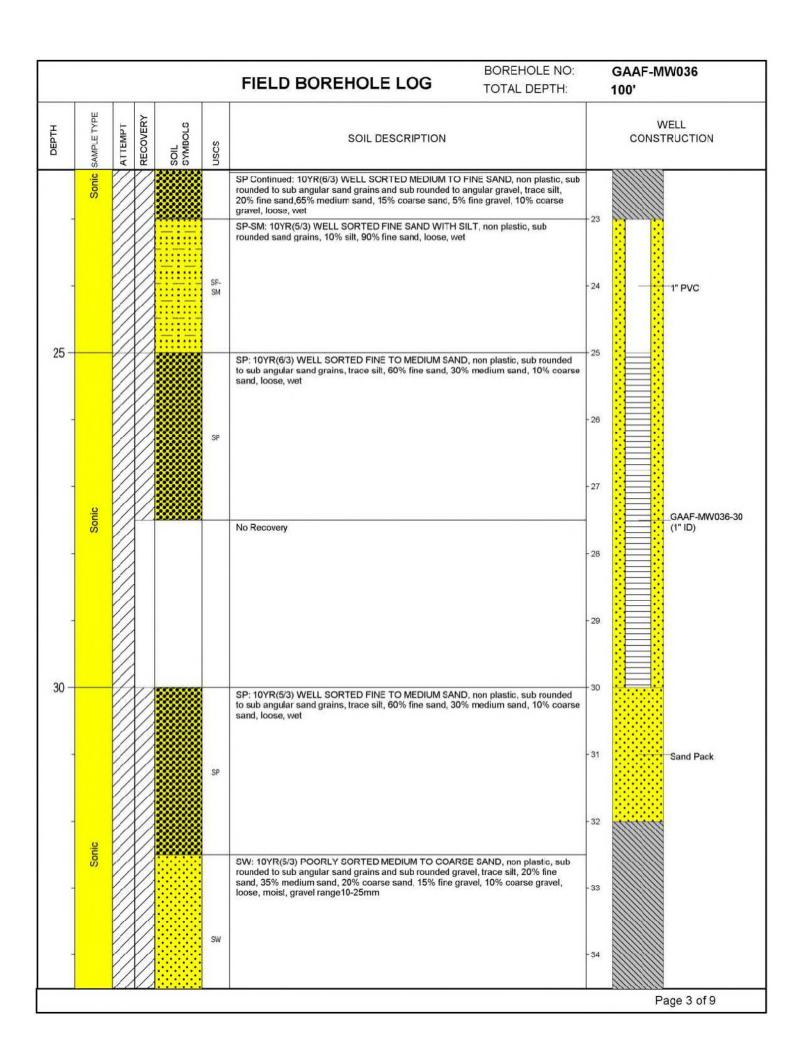
35	Sample Type	RECOVERY		SOSO SP	SOIL DESCRIPTION SP Continued: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 65% medium sand, 25% coarse sand, 5% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-12mm GP: 10YR(6/4) WELL SORTED FINE GRAVEL, non plastic, sub rounded sand grains	- 35	ELL RUCTION
35				SP	sand grains and gravel, trace silt, trace fine sand, 65% medium sand, 25% coarse sand, 5% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-12mm	-36	Sand Pack
	Sonic			CP	GP: 10YR(6/4) WELL SORTED FINE GRAVEL, non plastic, sub rounded sand grains		
-	Sonic			GP	and gravel, trace silt, trace fine sand, 20% medium sand, 20% coarse sand, 45% fine gravel, 15% coarse gravel, loose, wet, gravel range 5-15mm	- 37	
			4	SP	SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 75% medium sand, 15% coarse sand, 10% sub rounded fine gravel, trace coarse gravel, loose, wel	-38	
-					No Recovery	- 39	
40					SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, trace fine sand, 90% medium sand, 10% coarse sand, loose, wet	40	
				SP		-41	
	Sonic						
					SP: 10YR(6/4) WELL SORTED MEDIUM SAND, non plastic, sub rounded sand grains, trace silt, trace fine sand, 80% medium sand, 20% coarse sand, loose, wet	43	
45				SP		- 44	
45					SP: 10YR(6/4) WELL SORTED MEDIUM TO COARSE SAND WITH GRAVEL, non plastic, sub rounded sand grains and gravel, trace silt, trace fine sand, 40% medium sand, 35% coarse sand, 20% fine gravel, 5% coarse gravel, loose, wet, gravel range 5-12mm	45	
						- 46	

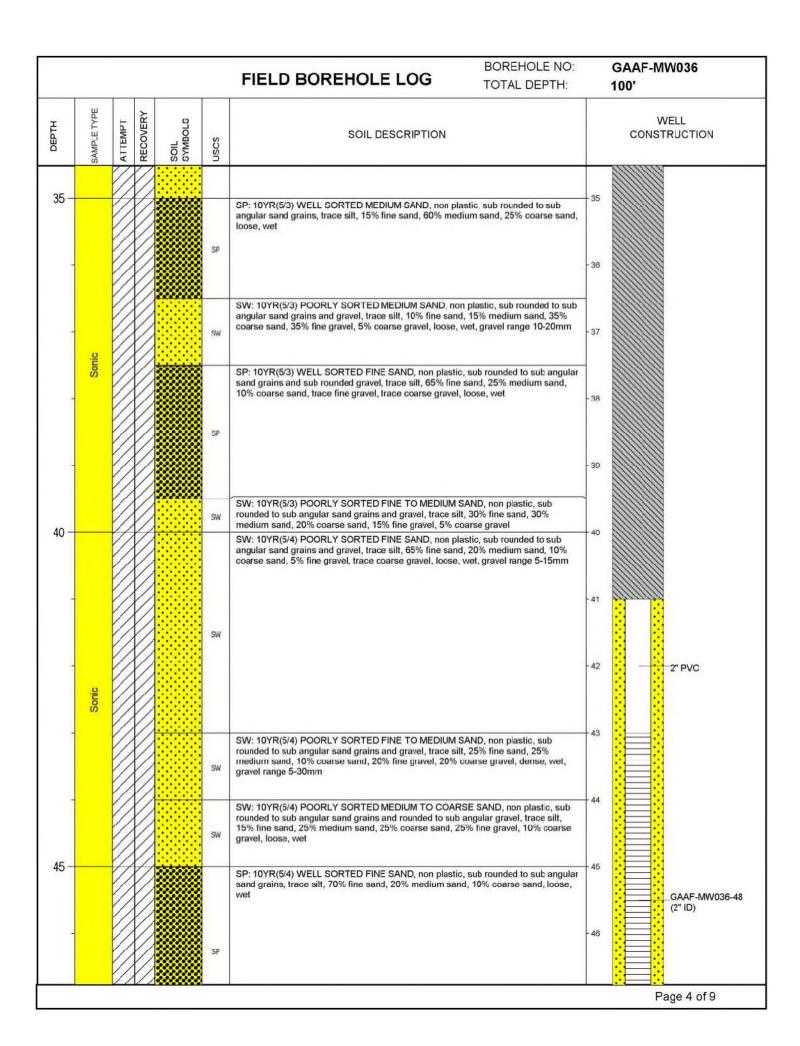


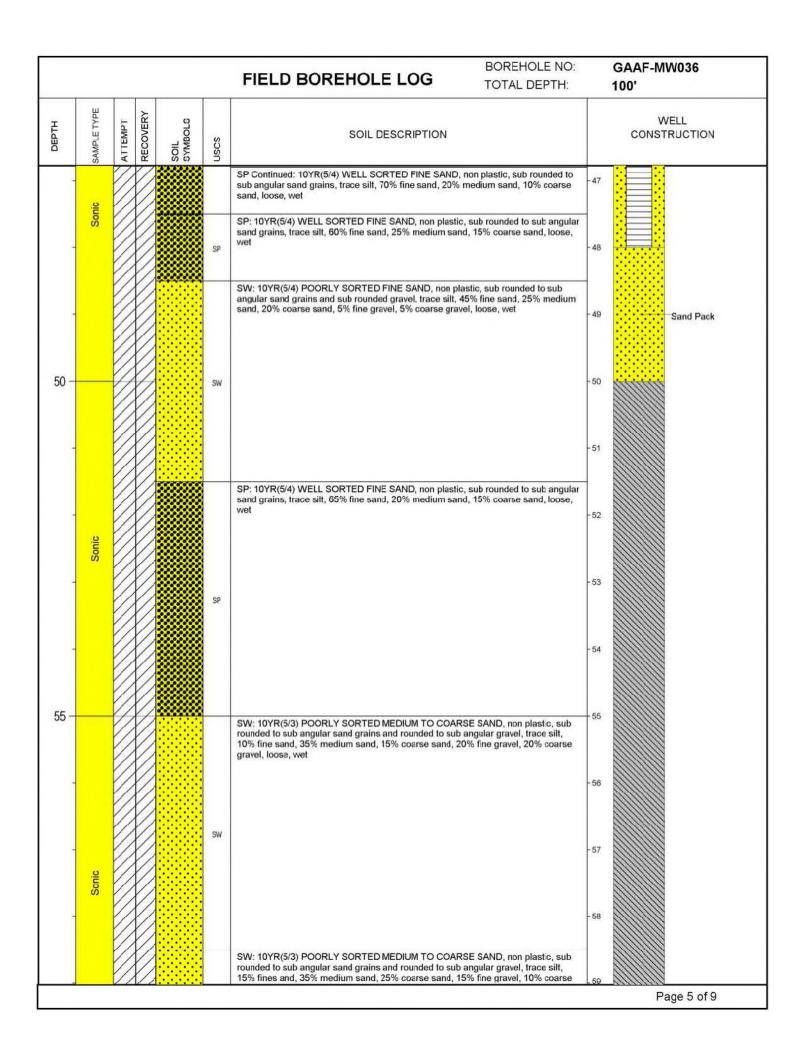


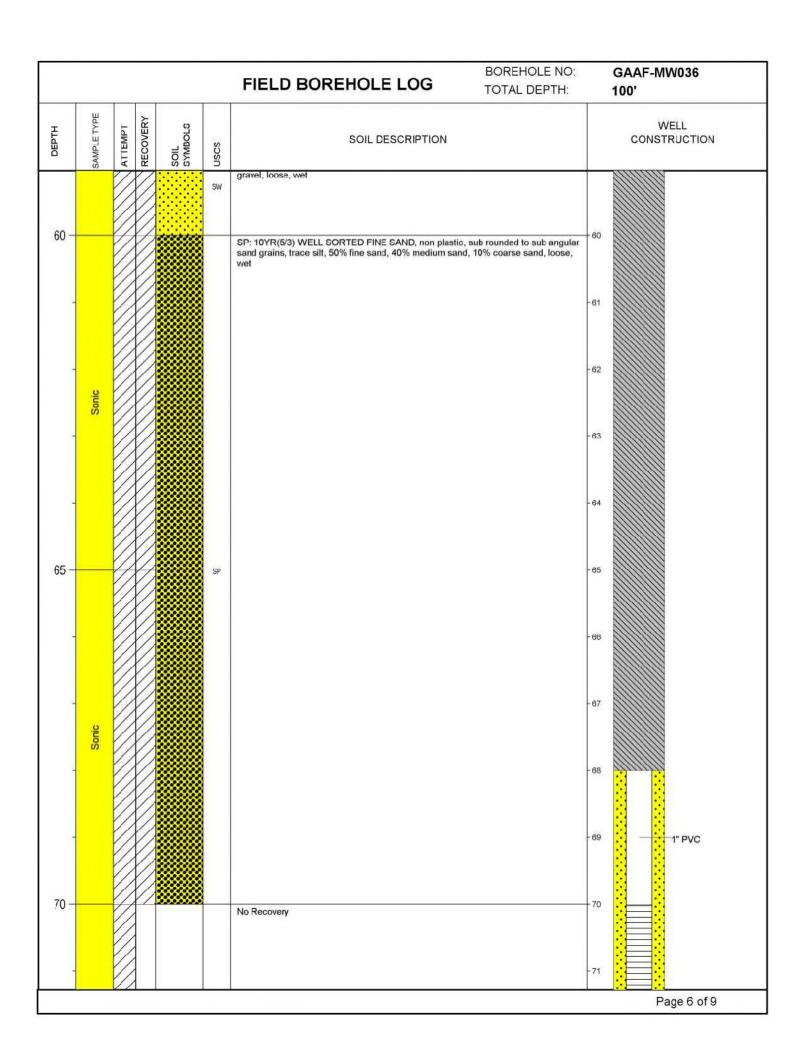
ROJECT:	ROJECT II				OTAL DEPTH:	100'
		NFO	RMATION	DI	RILLING INFOR	RMATION
TE LOCATION: Grayling, I ROJECT NO.: 60551441 ROJECT MANAGER: Matt Vand DGGED BY: Russell Pla			DRILI		Mateco Jeff Croel Geoprobe 8 Sonic 8 1/4" 11/25/19 12/3/19	8140DT
SAMPLE TYPE ATTEMPT BECOVERY	SOIL	uscs	SOIL DES	SCRIPTION		WELL CONSTRUCTION
Sonic Sonic Parad Auger		SM SW SP SP	SM: 10YR(4/3) POORLY SORTED SILT to sub angular sand grains and sub rou medium sand, 10% coarse sand, 5% fit roots SM: 10YR(2/2) WELL SORTED SILTY sub angular sand grains, 25% silt, 15% sand, loose, dry SW: 10YR(3/6) POORLY SORTED FIN rounded to sub angular sand grains, trace coarse sand, loose, dry SP: 10YR(4/6) WELL SORTED FINE S trace silt, 65% fine sand, 25% medium SP: 10YR(6/4) WELL SORTED FINE S trace silt, 60% fine sand, 30% medium SP: 10YR(5/4) WELL SORTED FINE To sub angular sand grains and rounder medium sand, 15% coarse sand, trace SP: 10YR(6/4) WELL SORTED FINE T to sub angular sand grains, trace silt, 7 sand, loose, moist	inded gravel, 20% silt, 20' ine gravel, 5% coarse grav MEDIUM SAND, non plast ifine sand, 45% medium NE TO MEDIUM SAND, no ace silt, 45% fine sand, 35 GAND, non plastic, sub rot sand, 10% coarse sand, GAND, non plastic, sub rot sand, 10% coarse sand, GAND, non plastic, sub rot sand, 10% coarse sand, GAND, non plastic, sub rot sand, 10% coarse sand, GAND, non plastic, sub rot sand, 10% coarse sand, TO MEDIUM SAND, non p d gravel, trace silt, 55% fi fine gravel, loose, wet	% fine sand, 40% rel, loose, moist, stic, sub rounded to sand, 15% coarse on plastic, sub % medium sand, unded sand grains, loose, dry unded sand grains, loose, dry lastic, sub rounded he sand, 30%	0 11 2 3 4 5 6 7 8 9











						FIELD BOREHOLE LOG BOREHOLE NO: TOTAL DEPTH:		GAAF-MW 100'	/036
DEРТН	SAMPLETYPE	ATTEMPT	RECOVERY	SOIL	nscs	SOIL DESCRIPTION		WE CONSTR	
-	Sonic					No Recovery	-72 -73		GAAF-MW036-75 1" ID)
75 — -					SW	SW: 10YR(5/1) POORLY SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains and gravel, trace silt, 10% fine sand, 55% medium sand, 20% coarse sand, 10% fine gravel, 5% coarse gravel, loose, wet	-75 -76		Sand Pack
-	Sonic				SP	SP: 10YR(6/3) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains, trace silt, 20% fine sand, 60% medium sand, 20% coarse sand	77		
-					SP	SP: 10YR(5/1) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains, trace silt, 20% fine sand, 60% medium sand, 20% coarse sand	78		
00					SP	SP: 10YR(5/1) WELL SORTED MEDIUM SAND, non plastic, sub rounded to sub angular sand grains, trace silt, 35% fine sand, 55% medium sand, 10% coarse sand	79		
80 —	Sonic					No Recovery	-81 -82		
-							- 83		

