APPENDIX B



PROJECT/CLIENT: PROPOSED BL	UE SKY WEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3			
LOCATION: BINGHAM, MAII	NE	SWC REP.:	EMW			
BACKHOE FIRM: SARGENT COR	RP. EXCAVATOR: KOMATSU PC100					
TECT DIT TO 404						

		DATE:	11/4/2013 SURFACE ELEVATION: NOT AVAILABLE LO	OCATION:
SAMF	PLE DEPTH	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
3-1	3.5'	0.3'	FOREST DUFF BROWN SILTY SAND, SOME GRAVEL WITH COBBLES AND ROOTS GRAY-BROWN GRAVELLY SILTY SAND WITH COBBLES (GLACIAL TILL)	S In-situ Density Test @ 1.9' \pm bgs w % = 17.0 $\gamma_d(\mathbf{pcf})$ = 115.1 $\gamma_w(\mathbf{pcf})$ = 134.7
		7.5'	WEATHERED BEDROCK	Thermal Resistivity (rho) @ 1.9' ± bgs See Report Table for rho values
			REFUSAL @ 8.0' PROBABLE BEDROCK	

				TEST P	IT TP-102		
		DATE:	11/4/2013	SURFACE ELEVATION	ON: <u>NOT AVAILAB</u> LE	LOCATION:	
SAN	/IPLE	DEPTH		STRATUM DE	SCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		0.2'		FOREST I			
		_0.8'		N SILTY SAND, SOME GRAVE			
		2.4'	BROV	VN SILTY GRAVELLY SAND W	ITH COBBLES (GLACIAL 1	ΓILL)	
				REFUSAL	=		
				PROBABLE I	BEDROCK		
				NOTE: REFUSAL DEPTH VA	RIES FROM 0.4' TO 2.4'		
				IRREGULAR BEDRO	OCK SURFACE		
	C	OMPLET	ION DEPTH:	2 / ' REFLISAL	DEPTH TO WATE	ER· ΔΙΙ	SOILS MOIST
	C	OMPLET	ION DEPTH:	2.4' REFUSAL	DEPTH TO WATE	ER: ALL	SOILS MOIST



PROJECT/CLIENT: PROPOSED BLUE SKY WEST WIND PO	PROJECT NO.:	10-0014.3	
LOCATION: BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	•	

SAMPLE O. DEPTH		11/4/2013	CLIDEACE ELEVATION			
			SURFACE ELEVATION	N: <u>NOT AVAILAB</u> LE	LOCATION	:
O DEPTH	DEPTH		STRATUM DES	CRIPTION		TEST RESULTS
O. DEI 111	(FT)					
	0.4'		FOREST DI	JFF		
	1.9'		ANGE-BROWN GRAVELLY SI			
	2.9'	GRAY-BRO	OWN GRAVELLY SILTY SAND	WITH COBBLES (GLAC	IAL TILL)	
			REFUSAL @			
			PROBABLE BE	DROCK		
	OMBLET	ION DEPTH:	2.9' REFUSAL	DEPTH TO WA	TED AL	L SOILS MOIST

				TEST PIT_	TP-104		
		DATE:	11/4/2013	SURFACE ELEVATION: N	IOT AVAILABLE	LOCATION:	
SAN	1PLE	DEPTH		STRATUM DESCR	RIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		0.5'		FOREST DUFF			_
		1.2'	ORAN	NGE-BROWN SILTY SAND, SOME	GRAVEL WITH ROO	TS	-
······································							Atterberg Limits @ 4-5' WL = 24
S-1	4-5'		GRAY-BRO	OWN GRAVELLY SANDY SILT WIT (GLACIAL TILL)		ULDERS	w _{P=} 18 @ 4-5' w % = 15
		12.5'		BECOMING GRAY IN COLOR	R WITH DEPTH		
				BOTTOM OF EXPLORATI NO REFUSAL	ON @ 12.5'		
	С	OMPLET	ION DEPTH:	12.5'	DEPTH TO WAT	ER: SE	EEPAGE @ 8.5'



PROJECT/CLIENT:	PROJECT NO.:	10-0014.3		
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

	DATE:	11/4/2013 SURFACE ELEVATION: NOT AVAILABLE LOCAT	ΓΙΟΝ:
AMPLE	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
	0.5'	FOREST DUFF BROWN SILTY SAND, SOME GRAVEL WITH ROOTS	
1 4-5'	7.51	GRAY-BROWN GRAVELLY SANDY SILT WITH COBBLES AND BOULDERS (GLACIAL TILL)	In-situ Density Test @ 3.5' ± bgs w % = 12.9 $\gamma_{\rm d}({\rm pcf})$ = 119.1 $\gamma_{\rm w}({\rm pcf})$ = 134.5
	7.5'	REFUSAL @ 7.5' PROBABLE BEDROCK	Thermal Resistivity (rho) @ 3.5' ± bgs See Report Table for rho values
			Atterberg Limits @ 4-5' $\mathbf{w_{L=}}$ 24 $\mathbf{w_{P=}}$ 18
			@ 4-5' w % = 15

			TEST	PIT TP-106		
	DATE:	11/4/2013	SURFACE ELEVAT	TON: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH		STRATUM D	DESCRIPTION		TEST RESULTS
NO. DEPTH	(FT)					
	0.5'		FOREST			
	1.8'		BROWN SILTY SAND, SOM	IE GRAVEL WITH ROOTS		ļ
	4.9'		GRAY-BROWN SILT, SOME (GLACIA			
			REFUSA PROBABLE			
C	COMPLET	TION DEPTH:	4.9' REFUSAL	DEPTH TO WATE	ER: ALL	SOILS MOIST



		PROPOSED BLUE SKY WEST WIND POWER PROJECT		PROJECT NO.: 10-0014.3
		BINGHAM, MAINE		SWC REP.: EMW
BACKHO	E FIRM:	SARGENT CORP. EXCAVATOR: KOMATS	SU PC100	
		TEST PIT TP-107		
	DATE:	11/4/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH	STRATUM DESCRIPTION		TEST RESULTS
NO. DEPTH	(FT)			
	1.0'	FOREST DUFF / TOPSOIL WITH STUMPS		
	2.6'	ORANGE-BROWN SILTY SAND, SOME GRAVEL WITH COBBLES AN	ID ROOTS	
	5.5'	GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BO (GLACIAL TILL)		In-situ Density Test @ 3.1' ± bgs w % = 11.3 γ _d (pcf) = 117.2
		REFUSAL @ 5.5' PROBABLE BEDROCK		$\gamma_{\mathbf{w}}(\mathbf{pcf}) = 130.4$ Thermal Resistivity (rho) @ 3.1' ± bgs See Report Table for rho values

				TEST	PIT <u>TP-108</u>		
	I	DATE:	11/4/2013	SURFACE ELEVA	TION: NOT AVAILABLE	LOCATION	l:
SAMPL	E i	DEPTH		STRATUM	DESCRIPTION		TEST RESULTS
NO. DE	EPTH	(FT)					
		0.5'		FORES	ST DUFF		
		1.2'	ORAI	NGE-BROWN SILTY SAND), SOME GRAVEL WITH RO	OTS	
					AL @ 1.2'		
				PROBABLE	BEDROCK		
-							
	CO	MPLET	ION DEPTH:	1.2' REFUSAL	DEPTH TO WA	IER: <u>A</u>	LL SOILS DAMP

COMPLETION DEPTH: 5.5' REFUSAL DEPTH TO WATER: ALL SOILS MOIST



PROJECT/CLIENT: PROPOSED BLUE SKY WE	PROJECT NO.:	10-0014.3	
LOCATION: BINGHAM, MAINE	_	SWC REP.:	EMW
BACKHOF FIRM: SARGENT CORP.	FXCAVATOR: KOMATSU PC100	_	

				Т	EST PIT TP-10	9		
		DATE:	11/4/2013	SURFACE EI	LEVATION: NOT AVA	ILABLE L	_OCATION:	
SAM	/IPLE	DEPTH		STRA	STRATUM DESCRIPTION		TEST RESULTS	
NO.	DEPTH	(FT)						
	-	1.0'		FORES	ST DUFF / TOPSOIL			
S-1	4-4.5'	9 .5'		WITH COB	N GRAVELLY SANDY : BLES AND BOULDER: GLACIAL TILL)	_		In-situ Density Test @ $2.2' \pm \text{bgs}$ w % = 19.7 $\gamma_d(\text{pcf}) = 108.9$ $\gamma_w(\text{pcf}) = 130.4$ Thermal Resistivity (rho) @ $2.2' \pm \text{bgs}$ See Report Table for rho values
		9.5			F EXPLORATION @ 9. NO REFUSAL	.5'		
	С	OMPLET	ION DEPTH:	9.5'	DEF	TH TO WATER:	ALL SOILS	WET TO SATURATED

		TEST PIT TF	P-110	
	DATE:	11/5/2013 SURFACE ELEVATION: NOT	AVAILABLE LOCA	ATION:
SAMPLE NO. DEPTH	DEPTH (FT)	STRATUM DESCRIPT	ION	TEST RESULTS
	0.3'	FOREST DUFF		
S-1 1-1.5	1.5'	BROWN SILTY GRAVEL AND SAND WITH COB	BLES AND ROOTS (FILL)	
	3.5'	RED-BROWN SILT AND SAND, SOME GRA	AVEL WITH ROOTS	
	12.0'	BROWN SILT AND SAND SOME, GRAVEL WITH ((GLACIAL TILL)	OBBLES AND BOULDER	es .
	-	REFUSAL @ 12.0' PROBABLE BOULDERS OR BE	DROCK	
	COMPLET	ON DEPTH: 12.0' REFUSAL	DEPTH TO WATER:	SOILS MOIST @ 1.5', SEEPAGE @ 10.5'



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WIND POWER P	ROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TE	ST PIT TP-1	11		
	DATE:	11/5/2013	SURFACE ELE	EVATION: NOT AV	AILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRAT	UM DESCRIPTION	N		TEST RESULTS
	2.2'		RAVEL AND SAND, SC AND O AY-BROWN SILT AND	RGANICS (FILL)	VEL AND CLAY	LOGS,	
	11.0'			ACIAL TILL)			
				EXPLORATION @ ⁻ O REFUSAL	11.0'		
C	OMPLET	ION DEPTH:	11.0'	DE	EPTH TO WATER	: SATUR	ATED BELOW 3', SEEPAGE @ 4'

				TEST I	PIT TP-112		
		DATE:	11/5/2013	SURFACE ELEVAT	ION: NOT AVAILABLE	LOCATION:	
SAN	//PLE	DEPTH		STRATUM D	ESCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		1.0'		FOREST DUF	F /TOPSOIL		
				GRAY-BROWN GRAVE	LLY SILT AND SAND		
				WITH COBBLES			
				(GLACIA	L TILL)		
		11.0'					
				BOTTOM OF EXPLO	ΩΡΛΤΙΩΝ @ 11 Ω'		
				NO RE	·		
	C	OMPLET	ION DEPTH:	11 0	DEPTH TO WAT	TER: ALL SOL	LS SATURATED SEEPAGE @ 4'



PRC	DJECT/	CLIENT:	PROJECT NO.: 10-00	10-0014.3		
	LOC	CATION:	SWC REP.: EM	IW		
BA	ACKHO	E FIRM:				
			TEST PIT TP-113			
		DATE:	11/5/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:		
SAN	ИPLE	DEPTH	STRATUM DESCRIPTION	TRATUM DESCRIPTION		
NO.						
	DEPTH	(FT)				
	DEPTH	(FT) 1.0'	FOREST DUFF / TOPSOIL			
	DEPTH		FOREST DUFF / TOPSOIL ORANGE-BROWN SILTY SAND, SOME GRAVEL WITH RO	OOTS		
	DEPTH	1.0'				

PROBABLE BEDROCK

COMPLETION DEPTH: 3.0' REFUSAL DEPTH TO WATER: ALL SOILS MOIST

				TE	ST PIT TP-114		
		DATE:	11/5/2013	SURFACE ELE	EVATION: NOT AVAILAB	LE LOCATIO	DN:
SAM	1PLE	DEPTH		STRAT	UM DESCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		1.0'		FOREST	DUFF / TOPSOIL		
		2.3'	ORANGE-BR	ROWN SILTY SAND, SO	OME GRAVEL WITH COB	BLES AND ROOTS	
		11.0'	GRAY-BROV		ND SAND WITH COBBLE: ACIAL TILL)	S AND BOULDERS	In-situ Density Test @ 3.3' \pm bgs w % = 11.2 $\gamma_d(\mathbf{pcf})$ = 118.8 $\gamma_w(\mathbf{pcf})$ = 132.1 Thermal Resistivity (rho) @ 3.3' \pm bgs See Report Table for rho values
					EXPLORATION @ 11.0' IO REFUSAL		
	С	OMPLET	ION DEPTH:	11.0'	DEPTH 1	ΓΟ WATER:	SEEPAGE @ 8'



PRO		CLIENT: CATION:	PROJECT NO.: 10-0014.3 SWC REP.: EMW			
B			SARGENT CORP.	EXCAVATOR: KOMAT	SU PC100	
				TEST PIT TP-115		
		DATE:	11/5/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION:	
SAN	ИPLE	DEPTH		STRATUM DESCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)				
		0.9'		FOREST DUFF / TOPSOIL / SLASH		
		2.0'	ORANGE	E-BROWN SILTY SAND, SOME GRAVEL WITH ROC	TS	
		7.0'	GRAY	'-BROWN GRAVELLY SILTY SAND WITH COBBLES AND BEDROCK FRAGMENTS (GLACIAL TILL)	;	
				REFUSAL @ 7.0' PROBABLE BEDROCK		

			TE	ST PIT TP-116		
	DATE	: 11/5/2013	SURFACE ELE	VATION: NOT AVAILABLE	LOCATION	
SAMPL			STRATU	JM DESCRIPTION		TEST RESULTS
NO. DE	EPTH (FT)					
	1.1'		VEGETATION / F	OREST DUFF / TOPSOIL		
	2.5'	(DRANGE-BROWN GRAV	ELLY SILTY SAND WITH ROO	OTS	
	12.5'	GRAY-BRC		ID SAND WITH COBBLES AND ACIAL TILL)	D BOULDERS	
				EXPLORATION @ 12.5' REFUSAL		
	COMPLE	TION DEPTH:	12.5'	DEPTH TO W	ATER: S	EEPAGE @ 9'

COMPLETION DEPTH: 7.0' REFUSAL DEPTH TO WATER: ALL SOILS MOIST



PROJECT/CLIENT: PROPOSED BLUE SKY WEST WIND	POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

	TEST PIT TP-117	
DATE	: 11/5/2013 SURFACE ELEVATION: NOT AVAILABLE LOCATION:	
SAMPLE DEPTH	STRATUM DESCRIPTION	TEST RESULTS
NO. DEPTH (FT)		
0.4'	VEGETATION / FOREST DUFF	
1.5'	BROWN GRAVELLY SAND, SOME SILT TRACE ORGANICS (FILL)	
3.0'	DARK BROWN SILTY SAND WITH ORGANICS (RELIC TOPSOIL)	
12.0'	GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL)	
	BOTTOM OF EXPLORATION @ 12.0' NO REFUSAL	
COMPLE	TION DEPTH: 12.0' DEPTH TO WATER: SEE	EPAGE @ 1.5'

			TEST PIT_	TP-118		
	DATE:	11/5/2013	SURFACE ELEVATION: I	NOT AVAILABLE	LOCATION	:
SAMPLE	DEPTH		STRATUM DESC	RIPTION		TEST RESULTS
NO. DEPTH	(FT)					
	0.2'		VEGETATION / FOREST DU	IFF / TOPSOIL		
	1.5'	ORANGE-BROV	WN GRAVELLY SILTY SAND	WITH ROOTS AND OF	RGANICS	
	11.5'	GRAY-BROWN G	RAVELLY SILT AND SAND V (GLACIAL TILL		BOULDERS	
	-		BOTTOM OF EXPLORA NO REFUSAL			
C	COMPLET	TION DEPTH:	11.5'	DEPTH TO WAT	ER:	SEEPAGE @ 8'



	LO	CATION:	PROPOSED BLU BINGHAM, MAIN SARGENT CORI		TSU PC100	PROJECT NO.: 10-0014.3 SWC REP.: EMW
				TEST PIT TP-119		
1		DATE:	11/5/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION:	
SAM	1PLE	DEPTH		STRATUM DESCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)				
		0.5'		FOREST DUFF / TOPSOIL		
		1.2'	GRA'	Y-BROWN GRAVELLY SILTY SAND WITH ROOTS (FI	LL)	
		2.0'	DARK	BROWN SILTY SAND WITH ORGANICS (RELIC TOPS	SOIL)	
		3.0'	(ORANGE-BROWN SILT AND SAND, SOME GRAVEL		
		12.0'	GRAY-BROW	N GRAVELLY SILT AND SAND WITH COBBLES AND (GLACIAL TILL)	BOULDERS	In-situ Density Test @ 4.1' ± bgs w % = 10.5 $\gamma_d(pcf) = 122.5$ $\gamma_w(pcf) = 135.4$
		12.0		BOTTOM OF EXPLORATION @ 12.0' NO REFUSAL		

				IESI	PII <u>IP-120</u>		
		DATE:	11/6/2013	SURFACE ELEVA	TION: <u>NOT AVAILAB</u> LE	LOCATION:	
SAMI NO.	PLE DEPTH	DEPTH (FT)		STRATUM	DESCRIPTION		TEST RESULTS
		0.5'		VEGETATIO	N / TOPSOIL		
		2.0'	BRO	WN GRAVELLY SILTY SAN	D WITH COBBLES AND RO	OTS	
S-1	3-4'	6.0'		BROWN GRAVEL AN WITH COBBLES	D SAND, SOME SILT AND BOULDERS		In-situ Density Test @ 2.8' ± bgs w % = 4.2 γ_d (pcf) = 122.6 γ_w (pcf) = 127.7
		7.0'		PROBABLE WEAT	HERED BEDROCK		(W(F) .2
				REFUSA	AL @ 7.0' EBEDROCK		Thermal Resistivity (rho) @ 2.8' ± bgs See Report Table for rho values
	CC	OMPLET	ION DEPTH:	7.0' REFUSAL	DEPTH TO WA	TER: HEAV	Y SEEPAGE @ 6'

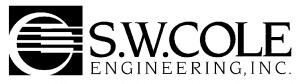
COMPLETION DEPTH: 12.0' DEPTH TO WATER: SEEPAGE/FREE WATER @ 4'



PROJECT/CLIENT:	PROPOSED BLUE SH	KY WEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE	-	SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TEST	PIT TP-121		
	DATE:	11/6/2013	SURFACE ELEVA	ΓΙΟΝ: <u>NOT AVAILAB</u> LE	LOCATION:	
SAMPLE	DEPTH (FT)		STRATUM	DESCRIPTION		TEST RESULTS
			FOREST DU	FF / TOPSOIL		
	2.5'					
	12.0'		GRAY-BROWN GRAV WITH COBBLES (GLACI)	AND BOULDERS		
12.0' REFUSAL @ 12.0' PROBABLE BOULDER OR BEDROCK NOTE: STANDING WATER IN TEST PIT AREA						
C	COMPLET	ION DEPTH:	12.0' REFUSAL	DEPTH TO WA	TER: S	EEPAGE @ 3'

			TEST	PIT TP-122		
	DATE:	11/6/2013	SURFACE ELEVAT	ION: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH		STRATUM D	ESCRIPTION		TEST RESULTS
NO. DEPTI	⊣ (FT)					
	0.5'		VEGETATION / FORE			
	2.0'	BROWN SIL	T AND SAND, SOME GRA	VEL WITH ROOTS AND OR	GANICS	
	12.1'	GRAY-BROWN		SILT WITH COBBLES AND E AL TILL)	BOULDERS	
			REFUSAL PROBABLE BOULD	-		
,	COMPLET	ION DEPTH: 1	12.1' REFUSAL	DEPTH TO WAT	_	DILS SATURATED SEEPAGE @ 11.5'



			KY WEST WIND POWER PROJECT		PROJECT NO.:	10-0014.3
LC	CATION:	BINGHAM, MAINE			SWC REP.:	EMW
BACKH	OE FIRM:	SARGENT CORP.	EXCAVATOR: KOMA	TSU PC100	_	
			TEST PIT TP-123			
	DATE:	11/6/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION	:	
SAMPLE	DEPTH		STRATUM DESCRIPTION		TEST RESUL	TS
NO. DEPTH	₁ (FT)					
	0.5'		FOREST DUFF / TOPSOIL			
	1.8'	ORANGE-	BROWN SILTY SAND, SOME GRAVEL WITH RO	OTS	In-situ Density Test @ 1.9' ±	bgs
					w % =	13.4
		GRAY-BROWN G	RAVELLY SILT AND SAND WITH COBBLES AND	BOULDERS	$\gamma_d(pcf) =$	112.2
	4.8'		(GLACIAL TILL)		$\gamma_w(pcf) =$	127.2
	5.0'		WEATHERED BEDROCK			
					Thermal Resistivity (rho) @	1.9' ± bgs
			REFUSAL @ 5.0'		See Report Table for rho val	ues
			PROBABLE BEDROCK			

		TEST PIT TP-124	
	DATE:	11/6/2013 SURFACE ELEVATION: NOT AVAILABLE LOG	CATION:
SAMPLE	DEPTH	STRATUM DESCRIPTION	TEST RESULTS
NO. DEPTH	(FT)		
	0.5'	VEGETATION / TOPSOIL	
	2.8'	ORANGE-BROWN SILTY SAND, SOME GRAVEL WITH ROOTS	
	13.0'	BROWN GRAVELLY SILTY SAND WITH COBBLES AND BOULDERS (GLACIAL TILL)	
		BOTTOM OF EXPLORATION @ 13.0' NO REFUSAL	
C	OMPLET	TION DEPTH: 13.0' DEPTH TO WATER:	ALL SOILS DAMP

COMPLETION DEPTH: 5.0' REFUSAL DEPTH TO WATER: ALL SOILS MOIST



PROJECT/CLIENT:	PROPOSED BLUE SK	Y WEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

		TEST PIT TP-125					
DATE: 11/6/2013 SURFACE ELEVATION: NOT AVAILABLE LOCATION:							
	EPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS				
	0.5'	VEGETATION / FOREST DUFF					
	1.8'	BROWN SILTY SAND SOME, GRAVEL WITH ORGANICS					
	8.2'	GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULD (GLACIAL TILL)	ERS				
	0.2	REFUSAL @ 8.2' PROBABLE BOULDER					
COM	//PLETI	ION DEPTH: 8.2' REFUSAL DEPTH TO WATER:	SEEPAGE @ 5'				

			TEST P	TP-126		
	DATE:	11/6/2013	SURFACE ELEVATION	ON: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH		STRATUM DE	SCRIPTION		TEST RESULTS
NO. DEPTH	(FT)					
	0.5'		FOREST DUFF / TO	PSOIL / SLASH		
	2.6'	BROWN	SILTY GRAVELLY SAND	WITH COBBLES AND ROC	OTS	
		GRAY-	BROWN GRAVELLY SILT (GLACIAL	AND SAND WITH COBBLE		In-situ Density Test @ 3.5' ± bgs w % = 14.1 γ _d (pcf) = 124.4 γ _w (pcf) = 141.9 Thermal Resistivity (rho) @ 3.5' ± bgs See Report Table for rho values
	11.5'		BOTTOM OF EXPLO			
(COMPLET	TION DEPTH:	11.5'	DEPTH TO WAT	ER: SOILS WET	BELOW 3', SEEPAGE @ 8'



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WIND PO	WER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100		

		TEST PIT TP-127	
	DATE:	11/6/2013 SURFACE ELEVATION: NOT AVAILABLE LOCATION:	
,	DEPTH	STRATUM DESCRIPTION	TEST RESULTS
NO. DEPTH	(FT)		
_	0.5'	FOREST DUFF / TOPSOIL	
<u> </u>	1.5'	BROWN GRAVELLY SILTY SAND WITH ROOTS	
	12.0'	GRAY-BROWN SAND AND SILT, SOME GRAVEL WITH COBBLES AND BOULDERS (GLACIAL TILL)	
		BOTTOM OF EXPLORATION @ 12.0' NO REFUSAL	
COI	MPLET	ION DEPTH: 12.0 DEPTH TO WATER: SE	EPAGE @ 3'

TEST PIT TP-128								
	DATE:	11/7/2013	SURFACE ELEVATION	N: NOT AVAILABLE	LOCATION:	. <u></u>		
SAMPLE	DEPTH		STRATUM DES	CRIPTION		TEST RESULTS		
NO. DEPTH	(FT)							
	0.5'		FOREST DUFF /					
	1.5'	ORANGE-	BROWN SILTY SAND, SC	ME GRAVEL WITH ROC)TS			
S-1 3-4'	5.4'	GRAY-BF	ROWN GRAVELLY SILT A (GLACIAL T		≣S	In-situ Density Test @ 2.3' ± bgs w % = 15.9 γ _d (pcf) = 108.1 γ _w (pcf) = 125.3		
			REFUSAL @ PROBABLE BEI			Thermal Resistivity (rho) @ 2.3' ± bgs See Report Table for rho values		
C	COMPLET	TION DEPTH: 5.4	REFUSAL	DEPTH TO WAT	ER: AL	L SOILS DAMP		



PROJECT/CLIENT:	/EST WIND POWER PROJECT	PROJECT NO.:	10-0014.3	
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	-	

D. DEPTH (FT) O.8' FOREST DUFF / TOPSOIL / SLASH GRAY-BROWN SILTY SAND, SOME GRAVEL WITH ROOTS 2.5'					TP-129			
O. DEPTH (FT) O. DEPTH (FT) O. B' FOREST DUFF / TOPSOIL / SLASH GRAY-BROWN SILTY SAND, SOME GRAVEL WITH ROOTS 2.5' GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL) 12.0' BOTTOM OF EXPLORATION @ 12.0'		DATE:	11/7/2013	SURFACE ELEVATION	: NOT AVAILABLE	LOCATION	N:	
0.8' FOREST DUFF / TOPSOIL / SLASH GRAY-BROWN SILTY SAND, SOME GRAVEL WITH ROOTS 2.5' GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL) 12.0' BOTTOM OF EXPLORATION @ 12.0'	SAMPLE	4		STRATUM DESC	CRIPTION		TEST RE	SULTS
GRAY-BROWN SILTY SAND, SOME GRAVEL WITH ROOTS 2.5' GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL) 12.0' BOTTOM OF EXPLORATION @ 12.0'	O. DEPTH	(FT)						
2.5' GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL) 12.0' BOTTOM OF EXPLORATION @ 12.0'		0.8'						
GRAY-BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL) 12.0' BOTTOM OF EXPLORATION @ 12.0'		2.5'	GRAY-	BROWN SILTY SAND, SOM	E GRAVEL WITH ROOT	īS		
BOTTOM OF EXPLORATION @ 12.0'	-1 4-5'		GRAY-BROWN (BOULDERS		
NO REFUSAL		12.0'						
				NO REFUS	SAL			

				TE	ST PIT <u>TP-130</u>			
		DATE:	11/7/2013	SURFACE ELE	VATION: <u>NOT AVAILAB</u> LE	LOCATIO	DN:	
SAM	IPLE	DEPTH		STRATU	IM DESCRIPTION		TEST R	ESULTS
NO.	DEPTH	(FT)						
		1.0'		VEGETATION / FO	OREST DUFF / TOPSOIL			
		2.5'	DARK BROW		LLY SILTY SAND (FILL)	ELIO TODOOU)		
		3.0'	DARK BROW	IN AND GRAY SILTY S	SAND WITH ORGANICS (R	ELIC TOPSOIL)		
			GRAY-BROW		D SAND WITH COBBLES A	AND BOULDERS		
		9.5'						
					EXPLORATION @ 9.5' REFUSAL			
							I	
	С	OMPLET	ION DEPTH:	9.5'	DEPTH TO	WATER:	SEEPAGE @ 5'	



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WIND POWER F	PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	EMW
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	-	
	TEST PIT	TP-131		

				TES	T PIT TP-131				
		DATE:	11/7/2013	SURFACE ELEV	ATION: NOT AVAILAB	LE LO	CATION:_		
SAM NO.	IPLE DEPTH	DEPTH (FT)		STRATU	M DESCRIPTION			TEST	RESULTS
		0.7'		VEGETAT	TION / TOPSOIL				
		3.0'		BROWN GRAVE	ELLY SILT AND SAND				
		10.0'	GRAY (GRAVELLY SILT AND SA (GLA	ND WITH COBBLES AN CIAL TILL)	ID BOULDERS			
					(PLORATION @ 10.0' REFUSAL				
	C	OMPLET	ION DEPTH:	10.0	DEPTH ⁻	ΓΟ WATER:	SE	EPAGE @ 3'	

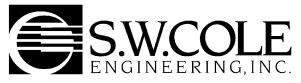
				TES ⁻	T PIT <u>TP-132</u>		
		DATE:	11/8/2013	SURFACE ELEVA	ATION: <u>NOT AVAILAB</u> LE	LOCATIO	N:
SAN	1PLE	DEPTH		STRATUM	I DESCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		1.0'		FOREST DUFF /	STUMPS / TOPSOIL		
		1.5'		BROWN SILTY SAND, SO	OME GRAVEL WITH ROOTS		
		2.3'	BROWN	GRAVELLY SILT AND SA	AND WITH COBBLES (GLACIA	AL TILL)	
					SAL @ 2.3'		
				PROBAE	BLE BEDROCK		
-							
							•
	С	OMPLET	ION DEPTH:	2.3' REFUSAL	DEPTH TO WA	TER:	LL SOILS DAMP



PROJECT/CLIENT: PROPOSED BLUE SKY WEST WIND PO	ROJECT/CLIENT: PROPOSED BLUE SKY WEST WIND POWER PROJECT					
LOCATION: BINGHAM, MAINE		SWC REP.:	EMW			
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100					
TES	T PIT TP-133					

				TEST PIT	TP-133		
		DATE:	11/8/2013	SURFACE ELEVATION: NO	OT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH		DEPTH (FT)		STRATUM DESCRI	PTION		TEST RESULTS
		0.5'		FOREST DUFF / TOPS	SOIL		
		2.5'	0	RANGE-BROWN GRAVELLY SILTY	SAND WITH ROOTS		In-situ Density Test @ 2.5' ± bgs w % = 10.5
		0.01	GRAY-BR	OWN GRAVELLY SILTY SAND WITH (GLACIAL TILL)	I COBBLES AND BOU		$\gamma_d(\mathbf{pcf}) = 122.1$ $\gamma_w(\mathbf{pcf}) = 134.9$
		8.0'		REFUSAL @ 8.0' PROBABLE BEDRO	СК		Thermal Resistivity (rho) @ 2.5' ± bgs See Report Table for rho values
	C	OMPLET	ION DEPTH:	8.0' REFUSAL	DEPTH TO WATE	R:ALI	_ SOILS MOIST

		TES	ST PIT <u>TP-134</u>		
	DATE:	11/8/2013 SURFACE ELEV	/ATION: <u>NOT AVAILAB</u> LE	LOCATION:	
SAMPLE	DEPTH	STRATU	M DESCRIPTION		TEST RESULTS
NO. DEPT	H (FT)				
	0.5'	FOREST DUFF	/ STUMPS / TOPSOIL		
	1.4'	ORANGE-BROWN SILTY SA	ND, SOME GRAVEL WITH ROO	TS	
			Y SILTY SAND WITH COBBLES ACIAL TILL)		
	12.0'		EXPLORATION @ 12.0' REFUSAL		
ı	COMPLET	TION DEPTH: 12.0'	DEPTH TO WATE	ER: ALL	SOILS MOIST



PRC			PROPOSED BLUE SKY WEST W		PROJECT NO.:		
			BINGHAM, MAINE			SWC REP.:	EMW
BA	CKHC	E FIRM:	SARGENT CORP.	EXCAVATOR: KOMA	TSU PC100		
				TEST PIT TP-135			
		DATE:	11/8/2013 SURFACE	ELEVATION: NOT AVAILABLE	LOCATION:		
SAN	IPLE	DEPTH	STF	RATUM DESCRIPTION		TEST RESUL	.TS
NO.	DEPTH	(FT)					
		0.6'	FOREST	DUFF / SLASH / TOPSOIL			
		2.0'	BROWN SILTY SAND, SOI	ME GRAVEL WITH ORGANICS AND I	ROOTS		
		3.0'	BROWN GRAVELLY SIL	T SAND WITH COBBLES (GLACIAL	TILL)		
		3.4'	WE.	ATHERED BEDROCK			
				REFUSAL @ 3.4'			
			PR	OBABLE BEDROCK			
-							
	-						

COMPLETION DEPTH: 3.4' REFUSAL DEPTH TO WATER: ALL SOILS DAMP

				TES	T PIT <u>TP-136</u>			
		DATE:	11/8/2013	SURFACE ELEV	ATION: <u>NOT AVAILAB</u> LE	LOCATION	:	<u></u>
SAN	/IPLE	DEPTH		STRATUM	I DESCRIPTION		TEST RE	SULTS
NO.	DEPTH	(FT)						
				FOREST DUFF	/ SLASH / TOPSOIL			
		1.5'						
		2.7'	GRAY-BRO\	WN GRAVELLY SILT AND	SAND WITH COBBLES (GL	ACIAL TILL)		
					SAL @ 2.7'			
	-			PROBAE	BLE BEDROCK			
							1	
	C	OMPLET	ION DEPTH:	2 7' REFLISAL	DEPTH TO WA	ΔTER· ΔΙ	L SOILS MOIST	



	•			
PROJECT/CLIENT: PROPOSED BLUE	SKY WEST WIND POWER PROJECT		PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		<u> </u>	SWC REP.:	EMW
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMAT	ΓSU PC100	-	
	TEST PIT TP-137			
DATE: 11/8/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION:		

		IESI PII IP-13/	00
	DATE:	11/8/2013 SURFACE ELEVATION: NOT AVAILABLE LOG	CATION:
AMPLE	DEPTH	STRATUM DESCRIPTION	TEST RESULTS
D. DEPTH	(FT)		
	0.8'	FOREST DUFF / STUMPS / TOPSOIL	
	2.2'	ORANGE-BROWN SILTY SAND, SOME GRAVEL WITH COBBLES AND RO	OOTS
1 3.5-4'			In-situ Density Test @ 3.1' ± bgs
		GRAY-BROWN GRAVELLY SILTY SAND WITH COBBLES AND BOULDER	744 /
	6.5'	(GLACIAL TILL)	$\gamma_{w}(pcf) = 125.3$
		REFUSAL @ 5.0 - 6.5' (VARIES)	Thermal Resistivity (rho) @ 3.1' ± bgs
	-	PROBABLE BEDROCK	See Report Table for rho values
	_		
	_		
	_		
	-		
and the second		<u>l</u>	I
C	OMPLET	FION DEPTH: 5.0' - 6.5' REFUSAL (VARIES) DEPTH TO WATER:	NO FREE WATER OBSERVED

					TEST PIT TF	P-138			
		DATE:	11/8/2013	SURFACE	ELEVATION: NOT	<u>AVAILAB</u> LE	LOCATION:		
SAM	1PLE	DEPTH		STR	ATUM DESCRIPT	ION		TEST I	RESULTS
NO.	DEPTH	(FT)							
				VEGETATIO	N / FOREST DUFF /	TOPSOIL			
		1.3'							
				GRAY-BROWN GRA	\/ELLV	WITH CORRI ES			
···•					(GLACIAL TILL)	WITH COBBLEO			
		5.2 '			,				
					REFUSAL @ 5.2'				
				PK	OBABLE BEDROCK				
	C	OMPLET	ION DEPTH	5 2' REFUSΔI		DEPTH TO WATE	P · ΔΙΙ	SOILS DAMP	



PROJECT/CLIENT: PROPOSED BLUE SKY WEST	Γ WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	EMW/SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

				TES	T PIT TP-	139			
	I	DATE:	11/8/2013	SURFACE ELEV	'ATION: NOT A	/AILABLE	LOCATION:		
SAMF	PLE	DEPTH		STRATU	M DESCRIPTIO	N		TEST	RESULTS
NO. I	DEPTH	(FT)							
		1.0'			OUFF /TOPSOIL				
		2.0'	ORAN	GE-BROWN SILTY SAM	ND, SOME GRA	EL WITH ROOTS			
		3.1'	BROWN	GRAVELLY SILTY SAI	ND WITH COBBL	LES (GLACIAL TIL	L)		
				_	SAL @ 3.1'				
				PROBAB	LE BEDROCK				
-									
•	СО	MPLET	ION DEPTH:	3.1' REFUSAL	D	EPTH TO WATER	:AL	L SOILS DAMP	

				TES	T PIT <u>TP-140</u>			
		DATE:	11/11/2013	SURFACE ELEV	ATION: <u>NOT AVAILAB</u> LE	LOCATION:		
SAM	1PLE	DEPTH		STRATUM	I DESCRIPTION		TEST RESULTS	
NO.	DEPTH	(FT)						
				FORFOT D				
		1.1'			UFF/TOPSOIL			
		2.2'		BRU	WN SILT		1	
S-1	7.5'			GRAY SILTY GRA	VEL WITH COBBLES			
				(WEATHERED BEDROCK	(WITH SOME GLACIAL TILL)			
		12.4'						
				POTTOM OF EV	PLORATION @ 12.4'			
					EFUSAL			
				NON	E. 00/12			
	_							
	С	OMPLET	ION DEPTH:_	12.4'	DEPTH TO WATE	ER: NO FREE	WATER OBSERVED	



PROJECT/CLIENT: PROPOSED BLUE SKY WEST	WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

	DATE:	11/11/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:
SAMPLE	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
	0.4'	FOREST DUFF /TOPSOIL BROWN SANDY SILT WITH ROOTS	In situ Density Test @ 2.25 chas
3-1 6-8'	12.2'	GRAY GRAVELLY SANDY SILT WITH COBBLES (GLACIAL TILL)	In-situ Density Test @ $2.2' \pm bgs$ w % = 17.3 $\gamma_d(pcf) = 112.0$ $\gamma_w(pcf) = 131.4$ Thermal Resistivity (rho) @ $2.2' \pm bgs$ See Report Table for rho values Atterberg Limits @ $6-8'$ w _{L=} 23 w _{p=} 16
		BOTTOM OF EXPLORATION @ 12.2' NO REFUSAL	@ 6-8' w % = 14

			TEST	PIT TP-142		
	DATE:	11/11/2013	SURFACE ELEVA	TION: NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATUM	DESCRIPTION		TEST RESULTS
	0.3'		FOREST DU	FF/TOPSOIL		
	1.3'		BROWN SILT, TRACE	SAND WITH ROOTS		
S-1 14.5'	18.8'		GRAY-BROWN SILT, SOME COBBLES AND BOUL	E GRAVEL AND CLAY WITH DERS (GLACIAL TILL)		
			REFUSAL @ 18.8' POSSIBL	E BOULDER OR BEDROCK		
C	OMPLET	ION DEPTH:		DEPTH TO WATE	R: SEE	EPAGE @ 10.3'

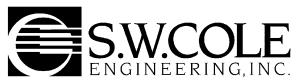
		_



PROJECT/CLIENT:	NT: PROPOSED BLUE SKY WEST WIND POWER PROJECT PROJECT NO.: 10-0014.		10-0014.3	
LOCATION:	BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

		TEST PIT	ΓP-143	
	DATE:	11/11/2013 SURFACE ELEVATION: NO	T AVAILABLE LOCATI	ON:
SAMPLE NO. DEPTH	DEPTH (FT)	STRATUM DESCRIF	PTION	TEST RESULTS
	0.8'	FOREST DUFF /TOPS		
	2.0'	BROWN SILT WITH RO	OTS	
S-1 8.5'	10.6'	BROWN SILT SOME SAND AND GRAVEL TRA (GLACIAL TILL)	CE CLAY WITH BOULDERS	
		BOTTOM OF EXPLORATION NO REFUSAL	N @ 10.6'	
C	COMPLET	ION DEPTH: 10.6'	DEPTH TO WATER:	SEEPAGE @ 5.2'

			TES	ST PIT TP-144		
	DATE:	11/11/2013	SURFACE ELE\	/ATION: <u>NOT AVAILAB</u> L	E LOCATION	ON:
SAMPLE	DEPTH		STRATU	M DESCRIPTION		TEST RESULTS
NO. DEF	TH (FT)					
	0.5'		FOREST	OUFF/TOPSOIL		
	1.9'		BROWN SI	LT WITH ROOTS		
S-1 4-				SANDY SILT AND CLAY V ULDERS (GLACIAL TILL)		In-situ Density Test @ $3.5' \pm bgs$ w % = 12.7 $\gamma_d(pcf) = 133.1$ $\gamma_w(pcf) = 150.0$ Thermal Resistivity (rho) @ $3.5' \pm bgs$ See Report Table for rho values
S-2 14	13.2' 4' 14.1'		GRAY SILT SOME	GRAVEL (GLACIAL TILL)		
			BOTTOM OF EX	(PLORATION @ 14.1' REFUSAL		
·	COMPLET	TION DEPTH:	14.1'	DEPTH TO	O WATER: HE	EAVY SEEPAGE @ 5.9'



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WIND POV	VER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	•	

				TEST PIT	TP-145		
	DATE:	11/11/2013	SURFAC	E ELEVATION: N	OT AVAILABLE	LOCATION:	·
SAMPLE NO. DEPTH	DEPTH (FT)		ST	RATUM DESCR	IPTION		TEST RESULTS
	1.1'		FC	REST DUFF/TOP	SOIL		
S-1 6'		BRO	WN SILT, SOME	GRAVEL TRACE (GLACIAL TILL)	CLAY WITH COBBLES	3	
	17.0'						
			BOTTOM	M OF EXPLORATION NO REFUSAL	ON @ 17.0'		
C	COMPLET	TION DEPTH:	17.0'		DEPTH TO WATER	R: NO FREE	E WATER OBSERVED

		TEST PIT TP-146	
	DATE:	: 11/12/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:
SAMPLE		STRATUM DESCRIPTION	TEST RESULTS
NO. DEP	TH (FT)		
	0.4'	FOREST DUFF/TOPSOIL	
	2.0'	BROWN SANDY SILT WITH ROOTS	
S-1 4'		BROWN SANDY SILT, SOME GRAVEL WITH COBBLES AND BOULD (GLACIAL TILL)	In-situ Density Test @ 2.8' \pm bgs W % = 11.1 $\gamma_d(\mathbf{pcf}) = 121.6$ $\gamma_w(\mathbf{pcf}) = 135.1$
	6.2'		
		GRAY SILTY GRAVEL WITH COBBLES (WEATHERED BEDROCK, BREAKS APART WHEN EXCAVATED	Thermal Resistivity (rho) @ 2.8' ± bgs See Report Table for rho values D)
	11.2'	BOTTOM OF EXPLORATION @ 11.2' NO REFUSAL	
	COMPLET	TION DEPTH: 11.2' DEPTH TO WATER	R: NO FREE WATER OBSERVED



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WINI	D POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TE	ST PIT TF	P-147			
	DATE:_	11/12/2013	SURFACE ELI	EVATION: NOT	AVAILABLE	LOCATION:		_
SAMPLE 10. DEPTH	DEPTH (FT)		STRAT	UM DESCRIPT	ION		TEST RES	JLTS
	0.5'		FORES	T DUFF/TOPSOI	L			
	2.4'		BROWN SILT, S	OME SAND WITI	H ROOTS			
	4.3'	ВІ	ROWN SILTY SAND	O AND GRAVEL	(SATURATED)			
	12.5'	GRAY	SILT, SOME SAND COBBLES AND B			н		
	-			EXPLORATION (@ 12.5'			
C	OMPLETI	ON DEPTH:	12.5'		DEPTH TO WAT	ER: SE	EEPAGE @ 4.3'	

				TEST PIT_	TP-148		
		DATE:	11/12/2013	SURFACE ELEVATION: N	NOT AVAILABLE	LOCATION:	
SAM	IPLE	DEPTH		STRATUM DESCR	RIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		0.5'		FOREST DUFF/TOF	PSOIL		
		2.4'		BROWN SILTY SAND WI	TH ROOTS		In-situ Density Test @ 3.0' ± bgs
S-1	5'		GRAY-BF	ROWN SANDY SILT, SOME G (GLACIAL TILL		:S	
		10.9'		BOTTOM OF EXPLORATI NO REFUSAL			
	С	OMPLET	TION DEPTH:	10.9'	DEPTH TO WATE	R: HEAV	SEEPAGE @ 9.4'



PROJECT/CLIENT: F	PROPOSED BLUE SKY WEST WIND PO	WER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: E	BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	
	TEO.	T DIT TD 440		

	DATE:	11/12/2013	SURFACE ELEVATION: NOT AV	/ΔII ΔRI E	LOCATION:	
SAMPLE	1				200/(1101)	
NO. DEPTH	DEPTH (FT)		STRATUM DESCRIPTION	N		TEST RESULTS
IO. DEPTE	()					
	2.4'		FOREST DUFF/TOPSOIL			
	3.7'	BROWN	I CLAYEY SILT, SOME SAND AND GRA	VEL (GLACIAL	TILL)	
	_					
	_		REFUSAL @ 3.7'			
	-		PROBABLE BEDROCK			
	-					
	1					
	_					
	-					
_	_					
	-					
	-					

				TEST PIT TI	P-150		
		DATE:	11/12/2013	SURFACE ELEVATION: NOT	AVAILABLE L	OCATION:	
SAN	/IPLE	DEPTH		STRATUM DESCRIPT	TON		TEST RESULTS
NO.	DEPTH	(FT)					
		0.9'		FOREST DUFF/TOPSO	L		
······································							
		3.1'		GRAY SANDY SILT, SOME GRAVEL	(GLACIAL TILL)		
	ļ			REFUSAL @ 3.1'			
				PROBABLE BEDROCK	(
	С	OMPLET	ION DEPTH:_	REFUSAL @ 3.1'	DEPTH TO WATER:	NO FREE	WATER OBSERVED



PROJECT/CLIENT:	PROPOSED BLUE SKY W	VEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

	DATE:_	11/12/2013 SURFACE ELEVATION: NOT AVAILABLE LOCATIO	N:
SAMPLE IO. DEPTI	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
	0.6'	FOREST DUFF/TOPSOIL	
	2.0'	BROWN SANDY SILT, SOME GRAVEL WITH ROOTS	
S-1 7'	11.4'	BROWN SILT, SOME SAND AND GRAVEL WITH COBBLES (GLACIAL TILL)	In-situ Density Test @ $3.4' \pm bgs$ w % = 12.9 $\gamma_d(pcf) = 126.0$ $\gamma_w(pcf) = 142.3$ Thermal Resistivity (rho) @ $3.4' \pm bgs$ See Report Table for rho values
	16.4'	GRAY SILT, SOME SAND AND GRAVEL, TRACE CLAY (GLACIAL TILL)	
		BOTTOM OF EXPLORATION @ 16.4' NO REFUSAL	

				TEST PI	T TP-152			
	DATE:	11/13/2013	SURFA	CE ELEVATIO	N: NOT AVAILABLE		LOCATION:_	
SAMPLE NO. DEPTH	DEPTH (FT)		(STRATUM DE	SCRIPTION			TEST RESULTS
	0.7'		F	OREST DUFF/	TOPSOIL			
	2.9'		ВГ	ROWN SILT WI	TH ROOTS			
	4.5'	В	· · · · · · · · · · · · · · · · · · ·		GRAVEL (GLACIAL			
	5.6'		GRAY SAND		GRAVEL (GLACIAL 1	TILL)		
			DOSSI	REFUSAL @	y 5.6 COR BOULDER			
	_		F0331	BLE BEDROCK	ON BOOLDEN			
	_							
	_							
	_							
	_							
	1							
(COMPLET	ION DEPTH:	REFUSAL @ 5	5.6'	DEPTH TO	WATER	: NO FREE	WATER OBSERVED



PROJECT/CLIENT: PROPO	OSED BLUE SKY WEST WIND POWER PROJ	JECT	PROJECT NO.:	10-0014.3
LOCATION: BINGH	AM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM: SARGI	ENT CORP. EXC	CAVATOR: KOMATSU PC100	_	

			TEST	PIT TP-153		
	DATE: 1	1/13/2013	SURFACE ELEVA	TION: NOT AVAILABLE	LOCATION	N:
SAMPLE IO. DEPTH	DEPTH (FT)		STRATUM	DESCRIPTION		TEST RESULTS
	0.7'		FOREST DL	JFF/TOPSOIL		
	2.7'			SILT WITH ROOTS E GRAVEL (GLACIAL TILL)		
				AL @ 3.4' E BEDROCK		
	· -					
С	OMPLETIO	N DEPTH:_	REFUSAL @ 3.4'	DEPTH TO WA	TER: NO FRE	EE WATER OBSERVED

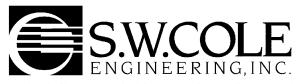
				TEST PIT T	P-154		
		DATE:	11/13/2013	SURFACE ELEVATION: NO	Γ AVAILABLE	LOCATION:	
SAN	/IPLE	DEPTH		STRATUM DESCRIP	TION		TEST RESULTS
NO.	DEPTH	(FT)					
		1.1'		FOREST DUFF/TOPSO	DIL		
		1.9'		BROWN SILT WITH ROO	OTS		
		4.4 '		BROWN SILTY GRAVEL AND SAND	(GLACIAL TILL)		
S-1	5-6.5'	7.7					
				GRAY SILTY SAND AND GRAVEL ((GLACIAL TILL)		
		8.1'					
				DEFLICAL CO.			
				REFUSAL @ 8.1'	0111 DED		
	-			POSSIBLE BEDROCK OR BO	JULDER		
	C	OMPLET	ION DEPTH:_	REFUSAL @ 8.1'	DEPTH TO WATER	R: NO FREE	WATER OBSERVED



PROJECT/CLIENT: PROPOSED BLUE SKY WEST WIN	ID POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100		

			TEST P	IT TP-155		
	DATE:	11/13/2013	SURFACE ELEVATION	N: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH (FT)		STRATUM DE	SCRIPTION		TEST RESULTS
	0.5'		FOREST DUFF	/TOPSOIL		
	2.3'		BROWN SILT, SOME C	LAY WITH ROOTS		
			REFUSAL PROBABLE B	= :		
С	OMPLET	ION DEPTH:_	REFUSAL @ 2.3'	DEPTH TO WAT	ER: NO FREE	WATER OBSERVED

				TEST PIT TP	-156		
		DATE:	11/13/2013	SURFACE ELEVATION: NOT A	AVAILABLE LO	OCATION:	
SAM	1PLE	DEPTH		STRATUM DESCRIPTI	ON		TEST RESULTS
NO.	DEPTH	(FT)					
		1.2'		FOREST DUFF/TOPSOIL			
···				REFUSAL @ 1.2'			
				PROBABLE BEDROCK			
	C	OMDLET	ION DEDTU	DEFLICAL @ 1.2'		NO EDEE W	VATED ODSEDVED



PROJECT/CLIENT: PROPOSED BLUE SKY WEST WIND	POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100		
TI	EST PIT TP-157		

	DATE: 1	1/14/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION:	
SAMPLE	DEPTH		STRATUM DESCRIPTION		TEST RESULTS
IO. DEPTH	(FT)				
	0.9'		FOREST DUFF/TOPSOIL		
			REFUSAL @ 0.9' PROBABLE BEDROCK		

				TEST PIT_	TP-158		
		DATE:	11/14/2013	SURFACE ELEVATION: N	NOT AVAILABLE	LOCATION:	
SAMPL		DEPTH		STRATUM DESCR	RIPTION		TEST RESULTS
NO. DI	EPTH	(FT)					
		0.4'		FOREST DUFF/TOF	SOIL		
				REFUSAL @ 0.4			
				PROBABLE BEDR	OCK		
	CC	OMPLET	ION DEPTH: F	REFUSAL @ 0.4'	DEPTH TO WATE	R: NO FREE	WATER OBSERVED



PROJECT/CLIENT: PROPOSED BLUE SKY WES	ST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOF FIRM: SARGENT CORP.	FXCAVATOR: KOMATSU PC100	_	

	DATE:	11/14/2013	SURFACE ELEVATION: NOT AVAILABLE	LOCATION:	
AMPLE D. DEPTH	DEPTH (FT)		STRATUM DESCRIPTION		TEST RESULTS
	1.1'		FOREST DUFF/TOPSOIL		
1 5-6'	9.4'		BROWN GRAVELLY SILT AND SAND WITH COBBLES AND BOULDERS (GLACIAL TILL)	TF	-situ Density Test @ 2.3' \pm bgs w % = 16.7 $\gamma_d(\mathbf{pcf}) = 113.7$ $\gamma_w(\mathbf{pcf}) = 132.7$ hermal Resistivity (rho) @ 2.3' \pm bgs the Report Table for rho values
			BOTTOM OF EXPLORATION @ 9.4' NO REFUSAL		

				TEST	PIT TP-160		
		DATE:	11/14/2013	SURFACE ELEVA	TION: <u>NOT AVAILAB</u> LE	LOCATION	:
SAMP	LE	DEPTH		STRATUM	DESCRIPTION		TEST RESULTS
NO. D	DEPTH	(FT)					
		1.0'		FOREST DU	JFF/TOPSOIL		
		10.3'			E GRAVEL AND SAND W LDERS (GLACIAL TILL) LORATION @ 10.3'	/ITH	
				NO RE	EFUSAL		
	СО	MPLET	ION DEPTH:	10.3'	DEPTH TO	WATER: S	EEPAGE @ 7.7'



PROJECT/CLIENT:	PROPOSED BLUE S	KY WEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP	FXCAVATOR: KOMATSU PC100	_	

		TE	ST PIT TP-161		
	DATE: 11/14/2013	SURFACE ELE	VATION: NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)	STRATU	M DESCRIPTION		TEST RESULTS
	0.3'	BROWN S	DUFF/TOPSOIL JILT SOME SAND / SILT AND SAND WITH DULDERS (GLACIAL TILL)		
S-1 10-12'	\13.1'				Atterberg Limits @ 10-12' $w_L = 23$ $w_P = 16$ @ 10-12' $w \% = 11$
			XPLORATION @ 13.1' REFUSAL		
C	OMPLETION DEPTH:	13.1'	DEPTH TO WATI	ER: NO FREE	E WATER OBSERVED

		DATE.	44/44/0040	LIDEACE ELEVATION, NOT AVAILABLE	E LOCATION:
		DATE:	11/14/2013 S	URFACE ELEVATION: NOT AVAILABLE	E LOCATION:
SAME	PLE	DEPTH		STRATUM DESCRIPTION	TEST RESULTS
0.	DEPTH	(FT)			
		0.4		FOREST DUFF/TOPSOIL	
		1.3'	BR	ROWN SILT TRACE CLAY WITH ROOTS	
-1	4.5'	√ 11.4′		ROWN SILT, SOME SAND AND GRAVEL BBLES AND BOULDERS (GLACIAL TILL)	, ,
				BOTTOM OF EXPLORATION @ 11.4' NO REFUSAL	



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WIND POWER	PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

				TEST P	TP-163		
		DATE:	11/14/2013	SURFACE ELEVATION	N: NOT AVAILABLE	LOCATION:	
SAM	IPLE	DEPTH		STRATUM DE	SCRIPTION		TEST RESULTS
NO.	DEPTH	(FT)					
		0.5'		FOREST DUFF	TOPSOIL		
		1.1'		BROWN	SILT		
				GRAY-BROWN SILT, SOME			
		7.9'		(GLACIAL	TILL)		
		7.9					
				BOTTOM OF EXPLO	RATION @ 7.9'		
				NO REFU	·		
···········							
	_	01451 ==	I CAL DEDT	- 0.	DEDT. TO	NO 55	
	С	OMPLET	TON DEPTH:	7.9'	DEPTH TO WATER	: NO FREE	WATER OBSERVED

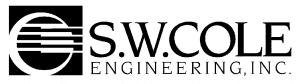
			TES	T PIT TP-164	<u> </u>			
	DATE:	11/14/2013	SURFACE ELEV	ATION: NOT AVAIL	ABLE L	OCATION:		
SAMPLE NO. DEPTH	DEPTH (FT)		STRATU	M DESCRIPTION			TEST	RESULTS
	0.8'		FOREST D	OUFF/TOPSOIL				
	1.7'		BROWN SIL	T WITH ROOTS				
	11.2'		GRAY SILT, SOME S COBBLES AND BOI					
				PLORATION @ 11.2 REFUSAL	,			
(COMPLET	ION DEPTH:	11.2'	DEPT	H TO WATER:	SE	EEPAGE @ 4.6'	



PROJECT/CLIENT: PROPO	OSED BLUE SKY WEST WIND POWER PROJ	JECT	PROJECT NO.:	10-0014.3
LOCATION: BINGH	AM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM: SARGI	ENT CORP. EXC	CAVATOR: KOMATSU PC100	_	

	DATE:	11/14/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:
AMPLE DEPTH	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
	0.7'	FOREST DUFF/TOPSOIL BROWN SILT WITH ROOTS	In-situ Density Test @ 2.7' ± bgs
	10.2'	GRAY SILT, SOME SAND AND GRAVEL WITH BOULDERS (GLACIAL TILL)	$\mathbf{w} \% = 13.3$ $\gamma_{\mathbf{d}}(\mathbf{pcf}) = 122.1$
		BOTTOM OF EXPLORATION @ 10.2' NO REFUSAL	

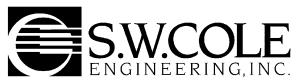
D.4.T.E		TEST PIT TP-166	_	101
DATE:	11/15/2013	SURFACE ELEVATION: NOT AVAILA	BLE LOCAT	
DEPTH (FT)		STRATUM DESCRIPTION		TEST RESULTS
1.1'		FOREST DUFF/TOPSOIL		
7 0'	BRO	WN SILT, SOME SAND AND GRAVEL WITH E (GLACIAL TILL)	BOULDERS	
7.0		REFUSAL @ 7.8' POSSIBLE BEDROCK OR BOULDER		
	DEPTH (FT)	(FT) 1.1' BRO	DATE: 11/15/2013 SURFACE ELEVATION: NOT AVAILA DEPTH (FT) STRATUM DESCRIPTION 1.1' FOREST DUFF/TOPSOIL BROWN SILT, SOME SAND AND GRAVEL WITH E (GLACIAL TILL) 7.8' REFUSAL @ 7.8'	DATE: 11/15/2013 SURFACE ELEVATION: NOT AVAILABLE LOCAT DEPTH (FT) STRATUM DESCRIPTION 1.1' FOREST DUFF/TOPSOIL BROWN SILT, SOME SAND AND GRAVEL WITH BOULDERS (GLACIAL TILL) 7.8' REFUSAL @ 7.8'



PROJECT/CLIENT:	PROPOSED BLUE SKY W	VEST WIND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TES	T PIT <u>TP-167</u>		
	DATE:	11/15/2013	SURFACE ELEV	ATION: NOT AVAILABLE	LOCATION	:
AMPLE D. DEPTH	DEPTH (FT)		STRATU	M DESCRIPTION		TEST RESULTS
	0.2'			OUFF/TOPSOIL CE CLAY WITH ROOTS		
		G	RAY-BROWN SILT, SON	ME SAND AND GRAVEL WITH JLDERS (GLACIAL TILL)	1	In-situ Density Test @ $2.2' \pm bgs$ w % = 15.9 $\gamma_d(pcf) = 115.5$ $\gamma_w(pcf) = 133.9$ Thermal Resistivity (rho) @ $2.2' \pm bgs$ See Report Table for rho values
	11.6'		POTTOM OF FI	VDL OD ATION O 44 CL		
				(PLORATION @ 11.6' REFUSAL		
С	OMPLETI	ION DEPTH:	11.6'	DEPTH TO WA	ATER: SE	EEPAGE @ 8.8'

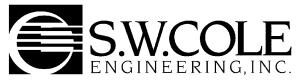
		TEST PIT TP-168	
	DATE:	11/15/2013 SURFACE ELEVATION: NOT AVAILABLE	LOCATION:
SAMPLE O. DEPTH	DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
	0.5'	FOREST DUFF/TOPSOIL	
	1.3'	DARK BROWN SILT TRACE CLAY	
1 3.5'-5.5'	~ - - - -	GRAY-BROWN SANDY SILT, SOME GRAVEL (GLACIAL TILL)	In-situ Density Test @ 2.2' ± bgs w % = 28.8 $\gamma_{d}(\mathbf{pcf}) = 97.2$ $\gamma_{w}(\mathbf{pcf}) = 125.2$
	9.9'		Thermal Resistivity (rho) @ 2.2' ± bgs See Report Table for rho values
	-	BOTTOM OF EXPLORATION @ 9.9' NO REFUSAL	Atterberg Limits @ $3.5'-5.5'$ $\mathbf{w_L} = 23$ $\mathbf{w_P} = 19$
	-		@ 3.5-5.5' w % = 13.3



PROJECT/CLIENT:	PROPOSED BLUE SKY WEST WINI	D POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION:	BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TE	ST PIT TP-169		
	DATE: 1	1/15/2013	SURFACE ELE	VATION: NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATU	M DESCRIPTION		TEST RESULTS
	1.1'			DUFF/TOPSOIL OWN SILT		
	 			SOME SAND AND GRAVEL ACIAL TILL)		
	10.2'					
	-			XPLORATION @ 10.2' REFUSAL		
	COMPLETIO	N DEPTH:	10.2'	DEPTH TO WAT	ΓER:SE	EPAGE @ 2.2'

				TEST PIT TF	P-170		
	DATE:	11/15/2013	SURFACE	ELEVATION: NOT	<u>AVAILAB</u> LE	LOCATION:	
SAMPLE	DEPTH		STI	RATUM DESCRIPT	ION		TEST RESULTS
NO. DEPTH	(FT)						
	0.3'		FOI	REST DUFF/TOPSOI	L		
	1.8'			WN SILT WITH ROO			
	3.0'		GRAY SILT, SOME	SAND AND GRAVEL	(GLACIAL TILL)		
				REFUSAL @ 3.0'			
			PF	ROBABLE BEDROCK			
	_						
	_						
	_						
	-						
	-						
	1	1				I	
(COMPLET	ION DEPTH:	REFUSAL @ 3.0'		DEPTH TO WATE	R: NO FREE	WATER OBSERVED



PROJECT	CLIENT:	PROPOSED BLUE	SKY WEST WIND POWER PROJE	ECT		PROJECT NO.:	10-0014.3
		BINGHAM, MAINE				SWC REP.:	SML
BACKH	OE FIRM:	SARGENT CORP.	EXC	CAVATOR: N/A			
			TEAT DIT T	D 474			
			TEST PIT T	P-171			
	DATE:	11/18/2013	SURFACE ELEVATION: NOT	AVAILABLE	LOCATION:_		
SAMPLE	DEPTH		STRATUM DESCRIP	ΓΙΟΝ		TEST RESULT	S
NO. DEPTH	(FT)						
	0.2'		MOSS/ORGANICS				
	_		REFUSAL WITH HAND SHOVE				
	-	DEELISAL AT NIII	POSSIBLE BEDROCK OR BO MEROUS LOCATIONS WITHIN 10	-	TEST DIT		
	-	KEI OSAL AT NO	WIEROUS LOCATIONS WITTIIN TO) I DIAMETER OF	1231711		
	-						
	_						
	~						
	_						
(COMPLET	TION DEPTH: REF	FUSAL @ 0.2'	DEPTH TO WATE	R: NO FREE V	WATER OBSERVED	

			TEST PIT	TP-172		
	DATE:	11/18/2013	SURFACE ELEVATION	: NOT AVAILABLE	OCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATUM DES	CRIPTION		TEST RESULTS
	0.7'		FOREST DUFF/T	OPSOIL		
			REFUSAL WITH HAND S POSSIBLE BEDROCK (
С	OMPLET	ION DEPTH:_	REFUSAL @ 0.7'	DEPTH TO WATER:	NO FREE	: WATER OBSERVED



PROJECT/CLIENT: PROPO	OSED BLUE SKY WEST WIND POWER PROJ	JECT	PROJECT NO.:	10-0014.3
LOCATION: BINGH	AM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM: SARGI	ENT CORP. EXC	CAVATOR: KOMATSU PC100	_	

			TE	ST PIT TP-	173		
	DATE:	11/18/2013	SURFACE ELI	EVATION: NOT A	VAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRAT	UM DESCRIPTIC	DN		TEST RESULTS
	1.6'		FORES	T DUFF/TOPSOIL			
		G	RAY-BROWN SILT, S COBBLES AND E	SOME SAND AND (SOULDERS (GLACI			
	11.7'			EXPLORATION @ O REFUSAL	11.7'		
C	OMPLET	ION DEPTH:	11.7'	D	EPTH TO WATER	t:HEAV\	/ SEEPAGE @ 7.6'

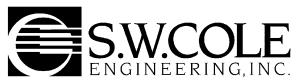
			TEST PIT	TP-174		
	DATE:	11/18/2013	SURFACE ELEVATION:	NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATUM DESC	RIPTION		TEST RESULTS
	1.1' 2.1' 6.0'		FOREST DUFF/TO BROWN SILT TRAC GRAY-BROWN SILT, SOME SANI COBBLES AND BOULDERS REFUSAL @ 6 POSSIBLE BEDROCK O	E CLAY D AND GRAVEL WITH (GLACIAL TILL)		In-situ Density Test @ 3.6' ± bgs w % = 14.5 γ _d (pcf) = 120.1 γ _w (pcf) = 137.5 Thermal Resistivity (rho) @ 3.6' ± bgs See Report Table for rho values
C	COMPLET	ION DEPTH:_	REFUSAL @ 6.0'	DEPTH TO WATE	R: NO FREE	WATER OBSERVED



PROJECT/CLIENT: PROPOSED BLUE SKY WEST W	IND POWER PROJECT	PROJECT NO.:	10-0014.3
LOCATION: BINGHAM, MAINE		SWC REP.:	SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TEST	PIT TP-175		
	DATE:	11/18/2013		ION: NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATUM I	DESCRIPTION		TEST RESULTS
	0.9'		FOREST DU	F/TOPSOIL		
S-1 3'-6.7'			BROWN GRAVELLY S COBBLES AND BOUL	-		@ 3'-6.7' w % = 11.6
	6.7'					
			REFUSA PROBABLE			
C	OMPLET	ION DEPTH:	REFUSAL @ 6.7'	DEPTH TO WAT	ΓER: HEAV)	/ SEEPAGE @ 1.7'

	DATE:	11/19/2013	SURFACE ELEVATION: NOT AV	<u>AILAB</u> LE	LOCATION:	
SAMPLE	DEPTH		STRATUM DESCRIPTION	N		TEST RESULTS
NO. DEPTH	(FT)					
	0.4'		FOREST DUFF/TOPSOIL			
	1.4'		BROWN SILT, TRACE CLAY AND G			
	2.8'	GRAY-BROWN	I GRAVELLY SILT, SOME SAND WITH (COBBLES (GLA	CIAL TILL)	
	1		REFUSAL @ 2.8'			
			PROBABLE BEDROCK			
			FROBABLE BEDROCK			
	1					
	.					
	.					
	.					



PROJECT/CLIENT:	PROJECT NO.:	10-0014.3		
LOCATION:	BINGHAM, MAINE	_	SWC REP.:	SML
BACKHOE FIRM:	SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

			TEST	PIT TP-177		
	DATE:	11/19/2013		ION: NOT AVAILABLE	LOCATION:	
SAMPLE NO. DEPTH	DEPTH (FT)		STRATUM I	DESCRIPTION		TEST RESULTS
	0.7'		FOREST DUI BROWN SILT, T			
			REFUSA PROBABLE			
C	OMPLET	ION DEPTH:_	REFUSAL @ 1.6'	DEPTH TO WA	TER: NO FREE	WATER OBSERVED

	TEST PIT TP-178	
DATE:	11/19/2013 SURFACE ELEVATION: NOT AVAILABLE LC	CATION:
DEPTH (FT)	STRATUM DESCRIPTION	TEST RESULTS
<u>\</u> 0.5'	FOREST DUFF/TOPSOIL	
1.8'	BROWN SILT, SOME CLAY WITH ROOTS	In-situ Density Test @ 1.9' ± bgs
	BROWN SILT AND SAND, SOME GRAVEL TRACE CLAY WITH COBBLES AND BOULDERS (GLACIAL TILL)	$\label{eq:weights} \begin{array}{l} \textbf{w \%} = 27.7 \\ \gamma_{\textbf{d}}(\textbf{pcf}) = 91.2 \\ \gamma_{\textbf{w}}(\textbf{pcf}) = 116.5 \\ \\ \text{Thermal Resistivity (rho) @ 1.9' \pm bgs} \\ \text{See Report Table for rho values} \\ \\ \text{Atterberg Limits @ 4-6'} \end{array}$
13.7'	GRAY SILT, SOME SAND AND GRAVEL (GLACIAL TILL)	$\mathbf{w_L} = 18$ $\mathbf{w_P} = 17$ $\mathbf{@} \ 4-6' \ \mathbf{w} \ \mathbf{\%} = 13$
	BOTTOM OF EXPLORATION @ 13.7' NO REFUSAL	
	DEPTH (FT) 0.5' 1.8'	DATE: 11/19/2013 SURFACE ELEVATION: NOT AVAILABLE LO DEPTH (FT) O.5' FOREST DUFF/TOPSOIL 1.8' BROWN SILT, SOME CLAY WITH ROOTS BROWN SILT AND SAND, SOME GRAVEL TRACE CLAY WITH COBBLES AND BOULDERS (GLACIAL TILL) 10.5' GRAY SILT, SOME SAND AND GRAVEL (GLACIAL TILL) 13.7' BOTTOM OF EXPLORATION @ 13.7'



PROJECT/CLIENT: PROPOSED BLUE SKY WEST	PROJECT NO.:	10-0014.3	
LOCATION: BINGHAM, MAINE	-	SWC REP.:	SML
BACKHOE FIRM: SARGENT CORP.	EXCAVATOR: KOMATSU PC100	_	

	TEST PIT TP-179	
DAT	TE: 11/19/2013 SURFACE ELEVATION: NOT AVAILABLE LOCATION	l:
SAMPLE DEPT		TEST RESULTS
0.3		
1.7	7' BROWN SILT	
4.1	GRAY-BROWN SILT, SOME SAND AND GRAVEL WITH COBBLES (GLACIAL TILL)	
	REFUSAL @ 4.1' PROBABLE BEDROCK	
COMPL	LETION DEPTH: REFUSAL @ 4.1' DEPTH TO WATER: HEAV	/Y SEEPAGE @ 4.1'



		PROPOSED BLUE SKY WEST	WIND POWER PROJECT		PROJECT NO.: 10-0014.3
		BINGHAM, MAINE SARGENT CORP.	EXCAVATOR: KOMATSU PC100		SWC REP.:
			TEST PIT		
	DATE:	SURFAC	E ELEVATION: NOT AVAILABLE	LOCATION:_	
SAMPLE	DEPTH	S	TRATUM DESCRIPTION		TEST RESULTS
NO. DEPTH	(FT)				
С	OMPLET	ION DEPTH:	DEPTH TO W	/ATER:	
			TEST PIT		
	DATE:	-	CE ELEVATION: NOT AVAILABLE	LOCATION:_	
SAMPLE NO. DEPTH	DEPTH (FT)	S	TRATUM DESCRIPTION		TEST RESULTS
NO. DEFIN	()				
	1				
С	OMPLE1	ION DEPTH:	DEPTH TO W	/ATER:	