

Alignment Name	Geotech Company	Borehole ID	Date Drilled	Borehole Coordinates		Borehole Depth (ft)	Depth to Rock (ft)	Depth to Groundwater (ft)	Geo Therm Report Date	Sample ID	Sample Type	Sample Depth (ft)	Material Type	Lab Determined Thermal Resistivity (°C-cm/W)		Moisture Content (%)	Dry Density (pcf)	Geotherm Suggested TR	Notes	
				Latitude	Longitude									Wet	Dry					
ROT3	H&A	HA-1	8/22/2012			51.5	32	34												
ROT3	H&A	HA-1	8/23/2012			51.5	32	34												
ROT3	H&A	HA-6	12/2/2013	45.022091	-71.463952	41	35	7.9	12/31/2013	HA-6	S3	9.5'-11'	SOIL (GP)	38	114	10	124	50		
ROT3	H&A	HA-6	12/2/2013	45.022091	-71.463952	41	35	7.9	12/31/2013	HA-6	S5	19.5'-21'	SOIL (GP)	41	119	11	123	50		
ROT3	H&A	HA-6	12/2/2013	45.022091	-71.463952	41	35	7.9	12/31/2013	HA-6	S7	29.5'-29.7'	SOIL (SP)	43	126	12	122	50		
ROT3	H&A	HA-6 C-1	12/2/2013	45.022091	-71.463952	41			12/31/2013	HA-6 C-1		40'-40.5'	ROCK	38	79	0.5	177	80		
ROT3	H&A	HA-7 (OW )	11/22/2013	45.021738	-71.465329	40	28	3.1	12/19/2013	HA-7 (OW )	S3	9'-11'	SOIL (SM)	37	104	10	127	45		
ROT3	H&A	HA-7 (OW )	11/22/2013	45.021738	-71.465329	40	28	3.1	12/19/2013	HA-7 (OW )	S5	19'-20.5'	SOIL (ML)	41	110	11	123	45		
ROT3	H&A	HA-7 (OW )	11/22/2013	45.021738	-71.465329	40	28	3.1	12/19/2013	HA-7 (OW )	CI	29.3'-29.7'	ROCK	33	64	0.6	171	50		
ROT3	H&A	HA-7 (OW )	11/22/2013	45.021738	-71.465329	40	28	3.1	12/19/2013	HA-7 (OW )	C4	38'-38.5'	ROCK	32	58	0.5	178	50		
NRTH	H&A	A	10/29/2013	45.010198	-71.421637	17.6	2.3	12.2	11/26/2013	A	Bulk	3'-4'	SOIL (SP-SM)	55	203	9	112	95		
NRTH	H&A	B	10/30/2013	45.00704	-71.419618	14.5	5.5	4.1	11/26/2013	B	Core	3'-5'	ROCK	63	231	8	114	85		
NRTH	H&A	B CoreC-1	10/30/2013	45.00704	-71.419618	14.5		Not Observed	12/9/2013	B CoreC-1	Core	8'-8.5'	ROCK	36	89	2	162	45		
NRTH	H&A	C	10/29/2013	45.002585	-71.418045	22.3	16	4.1	11/26/2013	C	Bulk	3'-5'	SOIL	45	161	14	114	55		
NRTH	H&A	C	10/29/2013	45.002585	-71.418045	22.3	16	4.1	11/26/2013	C	Bulk	7'-9'	SOIL	47	166	14	113	55		
NRTH	H&A	D	10/28/2013	44.995343	-71.414956	20.5	13	5.3	11/26/2013	D	Bulk	4'-6'	SOIL	51	182	14	114	60		
NRTH	H&A	D	10/28/2013	44.995343	-71.414956	20.5	13	5.3	11/26/2013	D	Bulk	8'-10'	SOIL	55	199	14	115	70		
NRTH	H&A	E	10/25/2013	44.992581	-71.414653	15	6	5.3	11/26/2013	E	Bulk	5'-7'	SOIL	56	239	22	101	65		
NRTH	H&A	E	10/25/2013	44.992581	-71.414653	15	6	5.3	11/26/2013	E	Bulk	7'-9'	SOIL	57	228	12	107	65		
NRTH	H&A	F	10/24/2013	44.989168	-71.41614	20.5			11/26/2013	F	Bulk	3'-5'	SOIL	44	142	14	115	55		
NRTH	H&A	F	10/24/2013	44.989168	-71.41614	20.5			11/26/2013	F	Bulk	7'-9'	SOIL	50	160	17	109	55		
NRTH	H&A	G	10/24/2013	44.984025	-71.417035	21	14.5	10.8	11/26/2013	G	Bulk	3'-5'	SOIL	47	177	13	115	65		
NRTH	H&A	G	10/24/2013	44.984025	-71.417035	21	14.5	10.8	11/26/2013	G	Core	7'-9'	ROCK	53	185	15	112	70		
NRTH	H&A	H	11/14/2013	44.979488	-71.415877	20	10.8	3.6	12/9/2013	H	Core	7'-9'	ROCK	67	174	13	117	60		
NRTH	H&A	I	10/23/2013	44.972261	-71.420033	17	11	2.3	11/26/2013	I	Bulk	3'-5'	SOIL	46	152	15	112	55		
NRTH	H&A	I	10/23/2013	44.972261	-71.420033	17	11	2.3	11/26/2013	I	Core	7'-9'	ROCK	54	195	17	112	65		
NRTH	H&A	J	10/22/2013	44.970692	-71.421771	20	6	4.8	12/19/2013	J	Bulk	3-5	SOIL	54	219	16	112	80		
NRTH	H&A	K	10/21/2013	44.964685	-71.424357	23	18	8.9	11/26/2013	K	Bulk	3'-5'	SOIL	63	251	22	97	80		
NRTH	H&A	K	10/21/2013	44.964685	-71.424357	23	18	8.9	11/26/2013	K	Bulk	7'-9'	SOIL	45	149	14	113	55		
NRTH	H&A	L	10/31/2013	44.95902	-71.424873	20	2	6.3	12/9/2013	L	Core	3'-5'	ROCK	50	179	12	110	75		
NRTH	H&A	L	10/31/2013	44.95902	-71.424873	20	2	6.3	12/9/2013	L	Core	7'-9'	ROCK	67	219	18	108	60		
NRTH	H&A	M	11/4/2013	44.955639	-71.424257	20			12/9/2013	M	Bulk	3'-5'	SOIL	61	261	32	84	70		
NRTH	H&A	M	11/4/2013	44.955639	-71.424257	20			12/9/2013	M	Bulk	7'-9'	SOIL	47	161	17	108	55		
NRTH	H&A	N1	11/4/2013			18.6	12	13.7	12/9/2013	N1	Bulk	3'-5'	SOIL	38	128	13	116	60		
NRTH	H&A	N-1 CoreC-1	11/4/2013			18.6		Not Observed	12/9/2013	N-1 CoreC-1	Core	8'-8.5'	ROCK	32	79	1	166	40		
NRTH	H&A	N2	11/5/2013			20	11.2	6.9	12/9/2013	N2	Bulk	3'-5'	SOIL	52	195	14	111	80		
NRTH	H&A	N2	11/5/2013			20	11.2	6.9	12/9/2013	N2	Bulk	7'-9'	SOIL	35	128	15	111	50		
NRTH	H&A	O	11/6/2013	44.949851	-71.415889	20	2.8	2.8	12/9/2013	O	Bulk	3'-5'	SOIL	43	150	18	109	60		
NRTH	H&A	O	11/6/2013	44.949851	-71.415889	20	2.8	2.8	12/9/2013	O	Bulk	7'-9'	SOIL	49	189	18	108	60		
NRTH	H&A	R	11/14/2013	44.945834	-71.400571	20			12/9/2013	R	Bulk	8'-10'	SOIL	41	135	18	107	50		
NRTH	H&A	S	11/5/2013	44.945354	-71.395349	20			12/9/2013	S	Bulk	3'-5'	SOIL	50	160	13	117	60		
NRTH	H&A	S	11/5/2013	44.945354	-71.395349	20			12/9/2013	S	Bulk	7'-9'	SOIL	44	127	14	115	50		
NRTH	H&A	T	11/1/2013	44.944209	-71.391016	20	6.5	6.8	12/9/2013	T	Bulk	3'-5'	SOIL	36	162	15	113	50		
NRTH	H&A	T	11/1/2013	44.944209	-71.391016	20	6.5	6.8	12/9/2013	T	Core	7'-9'	ROCK	44	153	17	120	50		
NRTH	H&A	U	11/7/2013	44.942037	-71.378399	20	18.3	3.8	12/9/2013	U	Bulk	3'-5'	SOIL	40	169	11	114	50		
NRTH	H&A	U	11/7/2013	44.942037	-71.378399	20	18.3	3.8	12/9/2013	U	Bulk	7'-9'	SOIL	48	152	14	115	55		
NRTH	H&A	V	11/13/2013	44.939839	-71.376818	21			12/9/2013	V	Bulk	3'-5'	SOIL	48	219	29	90	80		
NRTH	H&A	V	11/13/2013	44.939839	-71.376818	21			12/9/2013	V	Bulk	7'-9'	SOIL	51	234	19	102	60		
NRTH	H&A	X	11/12/2013	44.935925	-71.373327	22	16.5	6.2	12/9/2013	X	Bulk	4'-6'	SOIL	47	147	11	119	65		
NRTH	H&A	X	11/12/2013	44.935925	-71.373327	22	16.5	6.2	12/9/2013	X	Bulk	8'-10'	SOIL	35	116	18	106	45		
NRTH	H&A	Y	11/7/2013	44.933751	-71.369558	21.5	15	Not Observed	12/19/2013	Y	Bulk	3-5	SOIL	52	207	14	115	90		
NRTH	H&A	Y	11/7/2013	44.933751	-71.369558	21.5	15	Not Observed	12/19/2013	Y	Bulk	7-9	SOIL	44	157	12	114	50		
ROCK	Quanta Subsurface	BH-53	8/31/2016	44.282256	-71.266888	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.1'	SOIL (SM)	58	151	8	122	70	
ROCK	Quanta Subsurface	BH-54	8/31/2016	44.283071	-71.279493	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	54	175	26	102	60	
ROCK	Quanta Subsurface	BH-55	8/31/2016	44.283952	-71.273923	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	50	161	18	120	60	
ROCK	Quanta Subsurface	BH-56	8/30/2016	44.28483	-71.2737519	16	11	Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	60	202	13	112	70		
ROCK	Quanta Subsurface	BH-57	8/30/2016	44.284691	-71.2741322	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SMGM)	69	155	3	128	100	
ROCK	Quanta Subsurface	BH-58	8/30/2016	44.282293	-71.242272	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SMGM)	72	175	3	122	100	
ROCK	Quanta Subsurface	BH-59	8/30/2016	44.279629	-71.242141	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SW)	68	146	4	117	90	
ROCK	Quanta Subsurface	BH-60	8/30/2016	44.27699	-71.242593	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	65	201	8	121	85	
ROCK	Quanta Subsurface	BH-61	8/30/2016	44.274307	-71.242535	15.5			Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	59	177	11	123	70	
ROCK	Quanta Subsurface	BH-62	8/29/2016	44.271611	-71.242879	15.5			Not Observed	9/30/2016	S1	Sleeve								

Alignment Name	Geotech Company	Borehole ID	Date Drilled	Borehole Coordinates		Borehole Depth (ft)	Depth to Rock (ft)	Depth to Groundwater (ft)	GeoTherm Report Date	Sample ID	Sample Type	Sample Depth (ft)	Material Type	Lab Determined Thermal Resistivity		Moisture Content (%)	Dry Density (pcf)	Geotherm Suggested TR	Notes
				Borehole Coordinates										Thermal Resistivity					
				Latitude	Longitude									Wet	Dry				
SHEB	Terracon	B-6	11/5/2016	44.158589	-71.777301	17		5	2/17/2016	B-6	Bulk	8'-10'	SOIL (SM)	34	127	13	124	45	
SHEB	Terracon	B-6A	11/5/2016	44.1475	-71.789025	17		8	2/17/2016	B-6A	Bulk	8'-10'	SOIL (SM)	36	137	14	120	45	
SHEB	Terracon	B-7	11/2/2016	44.144031	-71.783166	15.8		9	2/17/2016	B-7	Bulk	8'-10'	SOIL (SM)	44	227	21	104	55	
SHEB	Terracon	B-7A	11/2/2016	44.123974	-71.799756	15	14.5	9	2/17/2016	B-7A	Bulk	8'-10'	SOIL (SPSM)	40	131	10	128	55	
SHEB	Quanta Subsurface	BH-69	8/24/2016	44.256305	-71.761142	15.7		Not Observed	10/20/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	78	168	3	123	110	
SHEB	Quanta Subsurface	BH-70	8/24/2016	44.25363	-71.761728	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	59	223	17	110	80	
SHEB	Quanta Subsurface	BH-71	8/24/2016	44.251005	-71.762614	15.5		Not Observed	10/20/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	77	322	10	98	105	
SHEB	Quanta Subsurface	BH-72	8/26/2016	44.248483	-71.762799	15.2		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	57	166	5	129	80	
SHEB	Quanta Subsurface	BH-73	8/24/2016	44.243616	-71.761687	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	68	190	7	98	110	
SHEB	Quanta Subsurface	BH-75	8/26/2016	44.238341	-71.758831	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SMGM)	73	168	5	127	100	NO SAMPLE TAKEN, HYDROCARBON ODORS AT 2'
SHEB	Quanta Subsurface	BH-76	8/26/2016	44.235737	-71.757865	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	57	185	15	105	80	
SHEB	Quanta Subsurface	BH-77	8/4/2016	44.233334	-71.756589	15		8.2	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	105	194	1.8	105	150	
SHEB	Quanta Subsurface	BH-78	8/25/2016	44.231328	-71.755665	14.6		9	9/30/2016	S1	Sleeve	5'-6.5'	SOIL (SMGM)	79	180	3	112	100	
SHEB	Quanta Subsurface	BH-81	8/31/2016	44.224299	-71.749053	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (OL)	127	397	8	90	180	
SHEB	Quanta Subsurface	BH-82	8/23/2016	44.221527	-71.750035	15.5		14	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SMGM)	66	186	12	101	95	
SHEB	Quanta Subsurface	BH-83	8/23/2016	44.218713	-71.750149	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	77	222	5	105	120	
SHEB	Quanta Subsurface	BH-84	8/23/2016	44.215882	-71.750239	15.5		8.5	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	68	290	27	84	90	
SHEB	Quanta Subsurface	BH-85	8/23/2016	44.213173	-71.7503	15.5		7.5	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (CL)	82	285	25	99	105	
SHEB	Quanta Subsurface	BH-86	8/23/2016	44.210674	-71.750434	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	58	180	17	108	75	
SHEB	Quanta Subsurface	BH-87	8/23/2016	44.207983	-71.751475	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	70	185	3	102	100	
SHEB	Quanta Subsurface	BH-88	8/23/2016	44.20621	-71.75265	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SMGM)	55	162	13	115	85	
SHEB	Quanta Subsurface	BH-89	8/23/2016	44.203278	-71.754078	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	50	140	9	130	80	
SHEB	Quanta Subsurface	BH-90	8/23/2016	44.200968	-71.754343	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	58	170	11	109	75	
SHEB	Quanta Subsurface	BH-91	8/17/2016	44.198192	-71.753585	15.5		8.5	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	75	223	8	104	110	
SHEB	Quanta Subsurface	BH-92	8/17/2016	44.195533	-71.752372	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	64	170	7	109	95	
SHEB	Quanta Subsurface	BH-94	8/4/2016	44.190538	-71.750294	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (SW/SM)	56	177	7	110	110	
SHEB	Quanta Subsurface	BH-95	8/17/2016	44.186398	-71.751817	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	60	155	7	117	95	
SHEB	Quanta Subsurface	BH-96	8/17/2016	44.184516	-71.754086	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	56	165	6	116	95	
SHEB	Quanta Subsurface	BH-98	8/4/2016	44.179542	-71.75778	15.5		13.5	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (GM)	94	218	3.8	99	125	
SHEB	Quanta Subsurface	BH-99	8/4/2016	44.173201	-71.761667	15.5		8.5	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	65	198	10	98	100	
SHEB	Quanta Subsurface	BH-100	8/17/2016	44.165963	-71.760606	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	62	181	3	112	100	
SHEB	Quanta Subsurface	BH-101	8/31/2016	44.156819	-71.78101	16.5		11	10/20/2016	S1	Sleeve	5.5'-7'	SOIL (SM)	79	287	10	96	110	
SHEB	Quanta Subsurface	BH-102	8/4/2016	44.154624	-71.783513	15.5		4	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (ML)	54	233	24	89	85	
SHEB	Quanta Subsurface	BH-103	8/16/2016	44.152381	-71.785341	15		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	59	263	16	105	75	
SHEB	Quanta Subsurface	BH-104	8/4/2016	44.149929	-71.787051	15.5		14	8/25/2016	S1	Sleeve	4'-5.5'	SOIL (SW/SM)	66	167	7	108	90	
SHEB	Quanta Subsurface	BH-105	8/31/2016	44.144151	-71.789799	16.5		3.5	10/20/2016	S1	Sleeve	5.5'-7'	SOIL (SP)	65	158	15	123	70	
SHEB	Quanta Subsurface	BH-106	8/17/2016	44.141967	-71.788444	15.5		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SPSM)	66	228	17	111	80	
SHEB	Quanta Subsurface	BH-107	8/16/2016	44.139454	-71.786657	15		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (GM)	60	218	8	135	85	
SHEB	Quanta Subsurface	BH-108	8/16/2016	44.13716	-71.784667	15		Not Observed	10/20/2016	S1	Sleeve	9.5'-11'	SOIL (GW/SP)	64	174	14	117	90	
SHEB	Quanta Subsurface	BH-109	8/16/2016	44.12858	-71.792834	15		Not Observed	9/30/2016	S1	Sleeve	4'-5.5'	SOIL (SW)	63	142	6	120	90	
WMNF	H&A	B-23	12/11/2015	43.801101	-71.673994	15		3.8	1/4/2016	B-23	S3	4'-6'	SOIL (SPSM)	46	188	14	115	90	
WMNF	H&A	B-23A	12/14/2015	43.788569	-71.668006	15		Not Observed	1/4/2016	B-23A	S3	4'-6'	SOIL (SM)	51	226	15	118	90	
WMNF	H&A	B-24	12/11/2015	43.778912	-71.679923	15		7.8	1/4/2016	B-24	S3	4'-6'	SOIL (SP)	60	258	12	110	100	
WMNF	H&A	B-24A	12/15/2015	43.765116	-71.687067	15	8	12	1/4/2016	B-24A	S3	4'-6'	SOIL (SP)	60	179	8	120	90	
WMNF	H&A	B-25	12/15/2015	43.751006	-71.686953	15		6.5	1/4/2016	B-25	S3	4'-6'	SOIL (ML)	65	228	15	118	70	
WMNF	H&A	B-25A	12/14/2015	43.73839	-71.676438	15		7.4	1/4/2016	B-25A	S3	4'-6'	SOIL (SM)	56	190	26	118	75	
WMNF	H&A	B-26	12/14/2015	43.725875	-71.676485	15	12	7.5	1/4/2016	B-26	S3	4'-6'	SOIL (ML)	63	267	27	108	75	
WMNF	H&A	B-26A	12/14/2015	43.71697	-71.661321	15		13	1/4/2016	B-26A	S3	4'-6'	SOIL (SP)	78	267	5	110	120	
WMNF	Terracon	B-8	11/2/2016	44.113134	-71.813851	15.8	15.8	6	2/17/2016	B-8	Bulk	8'-10'	SOIL (GM)	58	253	23	101	70	
WMNF	Terracon	B-8A	11/2/2016	44.103156	-71.821477	17		12	2/17/2016	B-8A	Bulk	8'-10'	SOIL (SP)	68	196	4	115	95	
WMNF	Terracon	B-9	1/8/2016	44.093082	-71.827365	17		8	2/17/2016	B-9	Bulk	10'-14'	SOIL (GW/GM)	40	141	12	122	65	
WMNF	Terracon	B-9A	1/8/2016	44.08395	-71.81225	17		12	2/17/2016	B-9A	Bulk	10'-14'	SOIL (SPSM)	52	176	12	118	70	
WMNF	Terracon	B-10	1/8/2016	44.076164	-71.795459	16.7		10	2/17/2016	B-10	Bulk	8'-11'	SOIL (SM)	51	209	22	112	65	
WMNF	Terracon	B-10A	1/8/2016	44.062669	-71.792333	17		9	2/17/2016	B-10A	Bulk	8'-10'	SOIL (GM)	51	191	16	114	65	
WMNF	Terracon	B-11	1/7/2016	44.047567	-71.79316	15		Not Observed	2/17/2016	B-11	Bulk	8'-10'	SOIL (SM)	68	174	6	116	95	
WMNF	Terracon	B-11A	1/7/2016	44.037327	-71.785886	15.1	13.5	Not Observed	2/17/2016	B-11A	Bulk	9'-12'	SOIL (SM)	45	168	14	116	65	
WMNF	Terracon	B-12	1/6/2016	44.032376	-71.768103	15.3		Not Observed	2/17/2016	B-12	Bulk	6'-10'	SOIL (SPSM)	48	215	23	104	60	
WMNF	Terracon	B-12A	1/7/2016	44.024317	-71.752317	17	7	Not Observed	2/17/2016	B-12A	Bulk	10'-14'	SOIL	45	191	10	120	60	
WMNF	Terracon	B-13A	1/6/2016	44.028594	-71.719139	14	8	4	2/17/2016	B-13A	Core	11'-12'	ROCK	53	71	-1	169	55	
WMNF	Terracon	B-14	1/6/2016	44.031538	-71.701313	17		Not Observed	2/17/2016	B-14	Bulk	8'-10'	SOIL	45					

Alignment Name	Geotech Company	Borehole ID	Date Drilled	Borehole Coordinates		Borehole Depth (ft)	Depth to Rock (ft)	Depth to Groundwater (ft)	Geo Therm Report Date	Sample ID	Sample Type	Sample Depth (ft)	Material Type	Lab Determined Thermal Resistivity		Moisture Content (%)	Dry Density (pcf)	Geotherm Suggested TR	Notes
				Borehole Coordinates										Thermal Resistivity					
				Latitude	Longitude									Wet	Dry				
WMNF	Quanta Subsurface	BH-139	7/29/2016	44.05471	-71.79407	15		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	67	187	7	100	100	
WMNF	Quanta Subsurface	BH-141	7/29/2016	44.04253	-71.79138	4.7		Not Observed	8/25/2016	S1	Sleeve	4'-4.7"	SOIL (SW/SM)	52	138	6	124	70	
WMNF	Quanta Subsurface	BH-142	7/29/2016	44.04023	-71.79159	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	57	156	6	117	75	
WMNF	Quanta Subsurface	BH-143	7/29/2016	44.036727	-71.783512	15	8.1	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	57	165	4.2	115	100	
WMNF	Quanta Subsurface	BH-144	7/27/2016	44.035967	-71.779863	15		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	80	184	4	111	110	
WMNF	Quanta Subsurface	BH-145	7/27/2016	44.033706	-71.771124	15	8	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SW/SM)	68	143	8	121	90	
WMNF	Quanta Subsurface	BH-146	7/27/2016	44.02919	-71.763271	15	12.2	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	71	177	9	113	90	
WMNF	Quanta Subsurface	BH-147	7/27/2016	44.027531	-71.760163	14.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	58	184	11	112	80	
WMNF	Quanta Subsurface	BH-148	7/27/2016	44.027081	-71.756551	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	69	208	14	105	90	
WMNF	Quanta Subsurface	BH-149	7/27/2016	44.025267	-71.751017	15.5		6.2	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SW/SM)	63	193	6	106	90	
WMNF	Quanta Subsurface	BH-150	7/26/2016	44.02083	-71.747658	14.9	13.5	8	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	66	188	12	111	90	
WMNF	Quanta Subsurface	BH-151	7/26/2016	44.019886	-71.744384	15	12.5	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP/SM)	74	216	13	109	95	
WMNF	Quanta Subsurface	BH-152	7/26/2016	44.01993	-71.741195	14.3	13	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	61	197	18	92	80	
WMNF	Quanta Subsurface	BH-153	7/26/2016	44.020852	-71.737593	15.5		6	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (OL)	108	385	15	83	190	
WMNF	Quanta Subsurface	BH-154	7/26/2016	44.021439	-71.733845	14.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (OL)	94	328	24	100	180	
WMNF	Quanta Subsurface	BH-155	7/26/2016	44.023933	-71.727683	14.5		8.5	10/7/2016	S1	Sleeve	4.5'-6"	SOIL (GP)	72	178	5	111	100	
WMNF	Quanta Subsurface	BH-156	7/25/2016	44.023197	-71.72425	14.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SC)	95	189	5	103	135	
WMNF	Quanta Subsurface	BH-157	7/25/2016	44.02783	-71.722037	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (ML)	66	244	19	77	95	
WMNF	Quanta Subsurface	BH-159	7/25/2016	44.029258	-71.715416	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	61	172	15	103	90	
WMNF	Quanta Subsurface	BH-160	9/1/2016	44.02945	-71.71149	16.4		Not Observed	10/10/2016	S1	Sleeve	5'-6.5"	SOIL (SW-SM)	133	345	5	96	150	
WMNF	Quanta Subsurface	BH-161	5/27/2016	44.029281	-71.707821	15		Not Observed	7/14/2016	S1	Sleeve	4'-5.5"	SOIL (SP/GP)	98	185	3.0	107	150	
WMNF	Quanta Subsurface	BH-162	5/27/2016	44.029997	-71.704391	15.5		Not Observed	7/14/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	65	135	6.0	126	100	
WMNF	Quanta Subsurface	BH-164	5/27/2016	44.023878	-71.69814	7.7		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (ML)	77	277	25	85	90	
WMNF	Quanta Subsurface	BH-165	7/22/2016	44.023042	-71.687663	6.4		Not Observed	10/7/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	85	229	4	98	150	
WMNF	Quanta Subsurface	BH-166	9/1/2016	44.028815	-71.685487	15.5		Not Observed	9/30/2016	S1	Bulk	11.7"	SOIL (SM)	70	160	4	116	95	
WMNF	Quanta Subsurface	BH-167	9/27/2016	44.023246	-71.684354	15	6	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (ML)	63	190	12	104	90	
WBR3	Quanta Subsurface	BH-168	5/27/2016	44.020323	-71.683247	15	4	Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	78	315	33	77	90	
WBR3	Quanta Subsurface	BH-169	5/27/2016	44.017684	-71.683719	15		7.5	6/30/2016	S2	Sleeve	4'-5.5"	SOIL (GP)	141	167	1.0	116	160	
WBR3	Quanta Subsurface	BH-171	6/27/2016	44.012651	-71.685317	15.5		8	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (GM)	81	164	6	110	105	
WBR3	Quanta Subsurface	BH-172	5/27/2016	44.00986	-71.686664	5.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	69	170	10	113	90	
WBR3	Quanta Subsurface	BH-173	5/26/2016	44.007653	-71.685137	15.5		Not Observed	9/30/2016	S1	Sleeve	9'-5.5"	SOIL (GP)	62	95	5	107	95	
WBR3	Quanta Subsurface	BH-174	5/26/2016	44.004322	-71.684881	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	69	103	1.0	121	100	
WBR3	Quanta Subsurface	BH-175	5/26/2016	44.002428	-71.684382	15.5		8.7	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	72	188	6.0	107	105	
WBR3	Quanta Subsurface	BH-177	5/26/2016	43.997116	-71.683149	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	52	158	6.0	104	90	
WBR3	Quanta Subsurface	BH-178	5/26/2016	43.994698	-71.683267	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	82	248	8.0	101	100	
WBR3	Quanta Subsurface	BH-179	5/26/2016	43.992866	-71.6858	7.1		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	62	193	14.0	107	90	
WBR3	Quanta Subsurface	BH-180	5/26/2016	43.990603	-71.684598	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	68	279	6.0	93	115	
WBR3	Quanta Subsurface	BH-181	5/26/2016	43.990852	-71.683679	8		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	62	243	6.0	95	115	
WBR3	Quanta Subsurface	BH-182	5/26/2016	43.988189	-71.682756	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	74	220	5.0	96	115	
WBR3	Quanta Subsurface	BH-183	5/26/2016	43.983027	-71.682339	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	92	188	2.0	107	130	
WBR3	Quanta Subsurface	BH-184	5/25/2016	43.981139	-71.683484	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	68	232	5.0	93	115	
WBR3	Quanta Subsurface	BH-185	5/25/2016	43.978168	-71.685195	15	11.3	Not Observed	11/9/2016	RS1	Core	12"	ROCK	36	62	-1	176	45	
WBR3	Quanta Subsurface	BH-186	5/25/2016	43.976069	-71.684251	14.8		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	54	251	10.0	91	90	
WBR3	Quanta Subsurface	BH-188	6/24/2016	43.97037	-71.685067	15.5		Not Observed	10/7/2016	S1	Sleeve	9.5'-11"	SOIL (SM)	75	171	12.0	122	95	
WBR3	Quanta Subsurface	BH-189	6/24/2016	43.967801	-71.685666	15	13	Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (GM)	62	212	11	94	115	
WBR3	Quanta Subsurface	BH-190	5/25/2016	43.965458	-71.686172	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	83	148	5.0	112	150	
WBR3	Quanta Subsurface	BH-191	5/25/2016	43.963016	-71.684479	15.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	107	199	3.0	105	160	
WBR3	Quanta Subsurface	BH-193	6/24/2016	43.957186	-71.679561	15.5		Not Observed	8/25/2016	S1	Sleeve	4'-5.5"	SOIL (SP/SM)	68	194	8	104	100	
WBR3	Quanta Subsurface	BH-194	5/25/2016	43.954718	-71.680359	15.5		13	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SM)	82	268	11.0	100	125	
WBR3	Quanta Subsurface	BH-195	5/25/2016	43.952331	-71.681529	15.5		7	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	64	178	15.0	101	90	
WBR3	Quanta Subsurface	BH-196	5/24/2016	43.94999	-71.680246	15.5		8	6/30/2016	S1	Sleeve	4'-5.5"	SOIL (ML)	87	327	41.0	74	110	
WBR3	Quanta Subsurface	BH-197	5/24/2016	43.948486	-71.677751	15		Not Observed	6/30/2016	S1	Sleeve	4'-4.4"	SOIL (SM)	50	142	6	118	85	
WBR3	Quanta Subsurface	BH-199	5/24/2016	43.943589	-71.678624	15.5		Not Observed	10/7/2016	S1	Sleeve	4'-5.5"	SOIL (SP)	83	379	10.0	90	125	
WBR3	Quanta Subsurface	BH-200	5/24/2016	43.940497	-71.678593	15.5		12.5	7/14/2016	S2	Sleeve	4'-5.5"	SOIL (SM)	54	267	19.0	83	90	
WBR3	Quanta Subsurface	BH-201	5/24/2016	43.938137	-71.679826	15.5		8.5	7/14/2016	S2	Sleeve	4'-5.5"	SOIL (SM/ML)	85	315	18.0	99	125	
WBR3	Quanta Subsurface	BH-202	5/24/2016	43.936396	-71.681493	15.5		12.3	7/14/2016	S2	Sleeve	4'-5.5"	SOIL (SM)	78	382	20.0	75	125	
WBR3	Quanta Subsurface	BH-204	5/23/2016	43.930101	-71.685076	15.5		6.5	10/7/2016	S1	Bulk	0'-4"	SOIL (SM)	64	179	11.0	122	80	
WBR3	Quanta Subsurface	BH-205	8/31/2016	43.92721	-71.685553	16.5		14.5	10/7/2016	S1	Sleeve	6'-7.5"	SOIL (SP)	89	267	3.0	107	150	
WBR3	Quanta Subsurface	BH-206	5/23/2016	43.924391	-71.685804	15.5		12	9/30/2016	S1	Bulk	0'-4"	SOIL (SM/GM)						

Alignment Name	Geotech Company	Borehole ID	Date Drilled	Borehole Coordinates		Borehole Depth (ft)	Depth to Rock (ft)	Depth to Groundwater (ft)	GeoTherm Report Date	Sample ID	Sample Type	Sample Depth (ft)	Material Type	Lab Determined Thermal Resistivity (°C-cm/W)		Moisture Content (%)	Dry Density (pcf)	Geotherm Suggested TR	Notes	
				Latitude	Longitude									Wet	Dry					
WBR3	Quanta Subsurface	BH-239	5/24/2016	43.83552	-71.658971	15		Not Observed	7/14/2016	S1	Sleeve	5'-6.5'	SOIL (SP)	62	188	5.0	104	125		
WBR3	Quanta Subsurface	BH-240	5/24/2016	43.832832	-71.660026	16.5		Not Observed	6/30/2016	S1	Sleeve	4'-5.5'	SOIL (ML)	71	294	14.0	88	130		
WBR3	Quanta Subsurface	BH-241	5/24/2016	43.830317	-71.661102	15		Not Observed	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SP/SM)	59	227	7.0	98	125		
WBR3	Quanta Subsurface	BH-243	6/21/2016	43.82517	-71.66282	15.5		Not Observed	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SP/SM)	67	254	5.0	88	145		
WBR3	Quanta Subsurface	BH-244	6/21/2016	43.822518	-71.663547	15.5		14	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (GM)	55	197	7.0	109	125		
WBR3	Quanta Subsurface	BH-245	6/21/2016	43.819742	-71.663455	15.5		Not Observed	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	56	162	9.0	102	115		
WBR3	Quanta Subsurface	BH-246	8/31/2016	43.817495	-71.662726	16.5		Not Observed	10/7/2016	S1	Sleeve	6'-7.5'	SOIL (GW)	112	263	2.0	113	175		
WBR3	Quanta Subsurface	BH-247	6/21/2016	43.814372	-71.663772	15.5		Not Observed	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SM)	52	86	3.0	122	85		
WBR3	Quanta Subsurface	BH-249	5/24/2016	43.810603	-71.668392	15.5		11.5	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SP)	60	231	4.0	98	180		
WBR3	Quanta Subsurface	BH-250	5/23/2016	43.808335	-71.670156	15.2		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	43	146	6.0	118	85		
WBR3	Quanta Subsurface	BH-251	5/23/2016	43.806027	-71.67195	15		3	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	45	143	8.0	118	55		
WBR3	Quanta Subsurface	BH-252	5/23/2016	43.803951	-71.673353	15.5		10	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	44	138	9.0	118	85		
WBR3	Quanta Subsurface	BH-254	6/21/2016	43.796286	-71.673308	15.5		4.5	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (GP)	41	98	11.0	114	75		
WBR3	Quanta Subsurface	BH-255	6/20/2016	43.794794	-71.671809	15		Not Observed	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (GM)	58	244	13.0	90	100		
WBR3	Quanta Subsurface	BH-256	6/20/2016	43.792982	-71.669789	15.5		9	7/14/2016	S1	Sleeve	4'-5.5'	SOIL (SP/SM)	82	360	15.0	90	115		
WBR3	Quanta Subsurface	BH-257	5/21/2016	43.790564	-71.669202	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	42	158	19.0	118	70		
WBR3	Quanta Subsurface	BH-259	6/20/2016	43.78450368	-71.66879346	15.5		13.5												
WBR3	Quanta Subsurface	BH-260	5/21/2016	43.783437	-71.670993	15	14.8	8.5	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	45	138	13.0	114	65	INSUFFICIENT MATERIAL FOR TESTING	
WBR3	Quanta Subsurface	BH-261	5/21/2016	43.781941	-71.674072	15.5		8	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	55	165	10.0	116	85		
WBR3	Quanta Subsurface	BH-262	5/21/2016	43.780394	-71.676954	15.5		9	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	57	165	10.0	116	85		
WBR3	Quanta Subsurface	BH-264	5/20/2016	43.77653	-71.681884	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SP)	45	144	8.0	121	85		
WBR3	Quanta Subsurface	BH-265	5/20/2016	43.774316	-71.683764	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	47	166	11.0	116	90		
WBR3	Quanta Subsurface	BH-267	9/21/2016	43.76251	-71.68719	16.5	11.3	Not Observed	10/20/2016	S1	Sleeve	5'-6.5'	SOIL (SP)	73	262	14.0	83	95		
WBR3	Quanta Subsurface	BH-268	9/14/2016	43.75948	-71.68751	16.5		Not Observed	10/7/2016	S1	Sleeve	5'-6.5'	SOIL (GP)	85	291	4.0	111	140		
WBR3	Quanta Subsurface	BH-269	9/14/2016	43.7567	-71.68781	16.5		Not Observed	10/7/2016	S1	Sleeve	5'-6.5'	SOIL (ML)	56	365	23.0	90	100		
WBR3	Quanta Subsurface	BH-270	9/1/2016	43.754132	-71.687767	15.5		Not Observed	9/20/2016	S1	Sleeve	4'-5.5'	SOIL (SM/GM)	79	208	5.0	96	120		
WBR3	Quanta Subsurface	BH-271	5/20/2016	43.751546	-71.687288	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (GP)	46	129	9.0	122	85		
WBR3	Quanta Subsurface	BH-272	5/20/2016	43.74935	-71.68499	16	7.5	Not Observed	10/20/2016	RC1	Core	4.65'-5.75'	ROCK	36	74	<1	178	50		
WBR3	Quanta Subsurface	BH-273	5/19/2016	43.747356	-71.683346	15.5		10.5	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	50	155	10.0	121	85		
WBR3	Quanta Subsurface	BH-274	5/18/2016	43.745659	-71.680713	15.4	13.5	5.5	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	49	140	7.0	123	90		
WBR3	Quanta Subsurface	BH-275	5/18/2016	43.743554	-71.679598	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	55	138	5.0	123	85		
WBR3	Quanta Subsurface	BH-276	5/18/2016	43.740794	-71.678323	15.5		14.3	10/26/2016	RC1	Core	13.6'-14.3'	ROCK	31	75	<1	174	45		
WBR3	Quanta Subsurface	BH-276	5/18/2016	43.740794	-71.678323	15.5		14.3	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	46	135	11.0	126	90		
WBR3	Quanta Subsurface	BH-278	5/18/2016	43.733344	-71.675309	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (GP)	44	98	6.0	137	85		
WBR3	Quanta Subsurface	BH-279	5/16/2016	43.731144	-71.675103	15.5		Not Observed	9/16/2016	S1	Bulk	3'-5.5'	SOIL (SM)	51	158	11.0	121	95		
WBR3	Quanta Subsurface	BH-281	5/18/2016	43.72375	-71.676302	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	48	149	9.0	121	95		
WBR3	Quanta Subsurface	BH-283	5/17/2016	43.721601	-71.670009	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	56	160	19.0	121	95		
WBR3	Quanta Subsurface	BH-284	5/17/2016	43.720253	-71.666812	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	52	154	12.0	121	95		
WBR3	Quanta Subsurface	BH-285	5/17/2016	43.718766	-71.663795	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SM)	47	140	12.0	124	85		
WBR3	Quanta Subsurface	BH-287	5/16/2016	43.714565	-71.659359	15.5		Not Observed	9/16/2016	S1	Bulk	0'-4'	SOIL (SP/SM)	48	148	13.0	121	85		
WBR3	Quanta Subsurface	BH-288	5/16/2016	43.712138	-71.65781	15.5		Not Observed	9/16/2016	S1	Bulk	1'-4'	SOIL (SP/SM)	50	165	5.0	116	90		

BOREHOLE DATA										THERMAL RESISTIVITY DATA										Notes
Alignment Name	Geotech Company	Borehole ID	Date Drilled	Borehole Coordinates		Borehole Depth (ft)	Depth to Rock (ft)	Depth to Groundwater (ft)	GeoTherm Report Date	Sample ID	Sample Type	Sample Depth (ft)	Material Type	Lab Determined Thermal Resistivity ("C-cm/W)		Moisture Content (%)	Dry Density (pcf)	Geotherm Suggested TR		
				Latitude	Longitude									Wet	Dry					
ROT3	H&A	HA-2	11/24/2013	45.018367	-71.464639	41		18	12/19/2013	HA-2	S3	9'-11'	SOIL (SM)	35	98	10	129	55		
ROT3	H&A	HA-2	11/24/2013	45.018367	-71.464639	41		18	12/19/2013	HA-2	S5	19'-21'	SOIL (SP/SM)	34	93	10	127	55		
ROT3	H&A	HA-2	11/24/2013	45.018367	-71.464639	41		18	12/19/2013	HA-2	S7	29'-29.5'	SOIL (SP/SM)	37	95	11	125	55		
ROT3	H&A	HA-2	11/24/2013	45.018367	-71.464639	41		18	12/19/2013	HA-2	S9	39'-39.2'	SOIL (GP)	35	88	8	130	55		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	S3	9'-11'	SOIL (SM)	40	125	10	124	60		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	S5 & S6	19'-23'	SOIL (SP/SM)	42	131	13	112	65		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	S8	29'-31'	SOIL (SM)	43	143	15	113	70		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	S10	39'-41'	SOIL (SM)	40	123	11	125	85		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	S12	49'-49.3'	SOIL (SM)	39	107	9	128	85		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	C2	55'-55.7'	ROCK	35	73	0.8	167	50		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	C3	63'-63.5'	ROCK	34	65	0.5	175	45		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	C4	69'-70'	ROCK	37	64	0.5	179	45		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	C7	80'-80.6'	ROCK	36	69	0.5	176	45		
ROT3	H&A	HA-3 (OW)	11/18/2013	45.019393	-71.464572	50	39	22.7	12/19/2013	HA-3 (OW)	C8	89'-89.5'	ROCK	35	67	0.5	176	45		
ROT3	H&A	HA-5	12/4/2013	45.021646	-71.463937	80	44.8	9	12/31/2013	HA-5	S3	9'-10'	SOIL (GP)	35	90	8	129	50		
ROT3	H&A	HA-5	12/4/2013	45.021646	-71.463937	80	44.8	9	12/31/2013	HA-5	S5	19'-22'	SOIL (GP)	37	93	8	129	50		
ROT3	H&A	HA-5	12/4/2013	45.021646	-71.463937	80	44.8	9	12/31/2013	HA-5	S7	29'-29.5'	SOIL (SP)	38	101	9	129	50		
ROT3	H&A	HA-5	12/4/2013	45.021646	-71.463937	80	44.8	9	12/31/2013	HA-5	S9	39'-39.5'	SOIL (SP/SM)	37	116	13	119	50		
ROT3	H&A	HA-5 C-2		45.021646	-71.463937				12/31/2013	HA-5 C-2	C2	51.3'-52'	ROCK	36	67	0.4	180	45		
ROT3	H&A	HA-5 C-3		45.021646	-71.463937				12/31/2013	HA-5 C-3	C4	60'-60.5'	ROCK	34	72	0.4	179	45		
ROT3	H&A	HA-5 C-5		45.021646	-71.463937				12/31/2013	HA-5 C-5	C6	70.3'-71'	ROCK	33	68	0.7	181	45		
ROT3	H&A	HA-5 C-7		45.021646	-71.463937				12/31/2013	HA-5 C-7	C7	79.1'-79.5'	ROCK	35	71	1.7	179	45		
SHEB	Quanta Subsurface	BH-10A	9/14/2016	44.25831	-71.75735	55	25	8	10/26/2016	S3	Core	15	Soil (SW)	65	212	7	126	75		
SHEB	Quanta Subsurface	BH-10A	9/15/2016	44.25831	-71.75735	55	25	8	10/11/2016	RC 1	Core	28.3	Rock	44	60	<1	167	50		
SHEB	Quanta Subsurface	BH-10B	8/25/2016	44.25834	-71.75711	34.5	13.5	9	10/26/2016	S2	sleeve	10	Soil (SM)	46	131	11	133	60		
SHEB	Quanta Subsurface	BH-10B	8/26/2016	44.25834	-71.75711	34.5	13.5	9	10/11/2016	RC 1	Core	27.5	Rock	40	67	<1	163	50		
SHEB	Quanta Subsurface	BH-11A	8/25/2016	44.246844	-71.762787	55.5		Not Observed	10/26/2016	S3	sleeve	14	Soil (SM)	42	120	8	136	75		
SHEB	Quanta Subsurface	BH-11A	8/26/2016	44.246844	-71.762787	55.5		Not Observed	10/26/2016	S6	sleeve	29	Soil (ML)	59	142	12	117	90		
SHEB	Quanta Subsurface	BH-11B	8/24/2016	44.246276	-71.762695	49	45	Not Observed	10/26/2016	S2	sleeve	9	Soil (SC)	58	167	15	123	95		
SHEB	Quanta Subsurface	BH-11B	8/25/2016	44.246276	-71.762695	49	45	Not Observed	10/26/2016	S5	sleeve	24	Soil (SM)	47	157	11	122	80		
SHEB	Quanta Subsurface	BH-12A	8/25/2016	44.23011	-71.7542	52.5	44.5	7.5	10/26/2016	S4	sleeve	20	Soil (ML)	56	331	23	102	80		
SHEB	Quanta Subsurface	BH-12A	8/26/2016	44.23011	-71.7542	52.5	44.5	7.5	10/26/2016	S7	sleeve	35	Soil (SP)	51	244	23	106	60		
SHEB	Quanta Subsurface	BH-12B(A)	9/19/2016	44.2395	-71.75355	65	49.5	8	10/26/2016	S3	sleeve	15	Soil (SW)	107	386	7	93	100		
SHEB	Quanta Subsurface	BH-12B(A)	8/25/2016	44.23956	-71.75351	65	49.5	8	10/26/2016	S7	sleeve	35	Soil (ML)	61	325	35	96	80		
SHEB	Quanta Subsurface	BH-13A	8/30/2016	44.22727	-71.748035	55.5		10	10/26/2016	S3	sleeve	20	Soil (SM)	55	341	27	100	75		
SHEB	Quanta Subsurface	BH-13A	8/31/2016	44.22727	-71.748035	55.5		10	10/26/2016	S7	sleeve	39	Soil (SM)	56	325	24	104	75		
SHEB	Quanta Subsurface	BH-13B	8/25/2016	44.226402	-71.748031	66.5		8	10/26/2016	S3	sleeve	15	Soil (GW)	38	149	28	111	70		
SHEB	Quanta Subsurface	BH-13B	8/26/2016	44.226402	-71.748031	66.5		8	10/26/2016	S3	sleeve	35.5	Soil (SP)	40	161	30	114	75		
SHEB	Quanta Subsurface	BH-14A	8/18/2016	44.188953	-71.749505	55	52	Not Observed	10/26/2016	S4	sleeve	19	Soil (SP)	58	205	20	108	75		
SHEB	Quanta Subsurface	BH-14A	8/19/2016	44.188953	-71.749505	55	52	Not Observed	10/26/2016	S5	sleeve	24	Soil (GW)	54	133	8	123	90		
SHEB	Quanta Subsurface	BH-14B	8/19/2016	44.188386	-71.74947	68	58.5	Not Observed	10/26/2016	S3	sleeve	14	Soil (GW)	48	115	10	130	75		
SHEB	Quanta Subsurface	BH-14B	8/20/2016	44.188386	-71.74947	68	58.5	Not Observed	10/26/2016	S5	sleeve	24	Soil (SP)	50	196	20	109	80		
SHEB	Quanta Subsurface	BH-15A	8/22/2016	44.176802	-71.759432	54	43.5	7	11/9/2016	S1	sleeve	4	Soil (SM)	53	270	19	110	80		
SHEB	Quanta Subsurface	BH-15A	8/23/2016	44.176802	-71.759432	54	43.5	7	10/26/2016	S7	sleeve	34	Soil (SW)	52	318	26	102	60		
SHEB	Quanta Subsurface	BH-15B	8/22/2016	44.175619	-71.760083	65		9	10/26/2016	S1	sleeve	4	Soil (SW)	58	377	22	98	90		
SHEB	Quanta Subsurface	BH-15B	8/23/2016	44.175619	-71.760083	65		9	10/26/2016	S8	sleeve	34	Soil (SP)	56	258	24	104	70		
SHEB	Quanta Subsurface	BH-16A	8/12/2016	44.170527	-71.763182	56		15	10/26/2016	S3	sleeve	15	Soil (CL)	78	231	18	109	85		
SHEB	Quanta Subsurface	BH-16A	8/13/2016	44.170527	-71.763182	56		15	10/26/2016	S8	sleeve	40.5	Soil (SC/SM)	48	366	25	101	60		
SHEB	Quanta Subsurface	BH-16B	8/11/2016	44.16875	-71.76424	65	43.5	16	10/26/2016	S6	sleeve	29	Soil (ML)	68	288	24	100	75		
SHEB	Quanta Subsurface	BH-16B	8/12/2016	44.16875	-71.76424	65	43.5	16	10/26/2016	S8	sleeve	39	Soil (ML)	64	270	25	104	75		
SHEB	Quanta Subsurface	BH-17A	8/24/2016	44.163945	-71.768159	59.5		14	10/26/2016	S3	sleeve	15.5	Soil (SP)	65	193	13	123	80		
SHEB	Quanta Subsurface	BH-17A	8/25/2016	44.163945	-71.768159	59.5		14	10/26/2016	S9	sleeve	45.5	Boulder	52	119	9	132	60		
SHEB	Quanta Subsurface	BH-17B	8/24/2016	44.162901	-71.769364	65		Not Observed	10/24/2016	S5	Sleeve	24	Soil (SM)	42	145	10	133	90		
SHEB	Quanta Subsurface	BH-17B	8/25/2016	44.162901	-71.769364	65		Not Observed	10/24/2016	S8	Sleeve	39	Soil (SW)	39	177	15	117	90		
SHEB	Quanta Subsurface	BH-18A	8/22/2016	44.160754	-71.772223	60	42	5	10/24/2016	S5	Sleeve	25.5	Soil (GM)	38	113	10	132	50		
SHEB	Quanta Subsurface	BH-18A	8/23/2016	44.160754	-71.772223	60	42	5	10/24/2016	S7	Sleeve	34.5	Soil (SM/GM)	52	184	19	110	65		
SHEB	Quanta Subsurface	BH-18B	8/17/2016	44.160278	-71.773119	65	38.5	8	10/24/2016	S8	Sleeve	39	Soil (SM)	48	191	20	112	65		
SHEB	Quanta Subsurface	BH-18B	8/18/2016	44.160278	-71.773119	65	38.5	8	10/11/2016	RC 1	Core	55.5	Rock	38	66	<1	165	45		
SHEB	Quanta Subsurface	BH-19A	8/16/2016	44.159863	-71.774448	64.5	34	14	10/24/2016	S3	Sleeve	15	Soil (SM)	41	209	24	100	60		
SHEB	Quanta Subsurface	BH-19A	8/17/2016	44.159863	-71.774448	64.5	34	14	10/11/2016	RC 1	Core	41.2	Rock	42	63	<1	160	50		
SHEB	Quanta Subsurface	BH-19B	8/16/2016	44.159021	-71.776425	65	40	5	11/3/2016	S2	sleeve	9	Soil (SM)	74	274	6	109	85		
SHEB	Quanta Subsurface	BH-19B	8/17/2016	44.159021	-71.776425	65	40	5	10/24/2016	S6	Sleeve	30	Soil (SM)	44	249	23	90	65		
SHEB	Quanta Subsurface	BH-19C	8/16/2016	44.158117	-71.778291	55.5		6	10/24/2016	S4	Sleeve	19	Soil (CL)	51	129	15	119	60		
SHEB	Quanta Subsurface	BH-19C	8/17/2016	44.158117	-71.778291	55.5		6	10/24/2016	S8	Sleeve	40	Soil (SP)	39	212	21	110	55		
SHEB	Quanta Subsurface	BH-20A	8/15/2016	44.148089	-71.788438	65	3.5	4	10/11/2016	RC 2	Core	17	Rock	36	69	<1	164	45		
SHEB	Quanta Subsurface	BH-20A	8/15/2016	44.148089	-71.788438	65	3.5	4	10/11/2016	RC 6	Core	35.8	Rock	35	66	<1	166	45		
SHEB	Quanta Subsurface	BH-20B	8/15/2016	44.146662	-71.789704	64.5	43.5	7	10/24/2016	S5	Sleeve	24	Soil (ML)	57	231	20	108	70		
SHEB	Quanta Subsurface	BH-20B	8/16/2016	44.146662	-71.789704	64.5	43.5	7	10/24/2016	S8	Sleeve	39	Soil (SM)	45	168	16	119	60		
WMNF																				

WMNF	Quanta Subsurface	BH-23A	8/10/2016	44.121873	-71.80201	65	13	Not Observed	10/24/2016	S2	Sleeve	10	Soil (GM)	46	141	12	124	75	
WMNF	Quanta Subsurface	BH-23B	8/10/2016	44.121202	-71.802866	50	21	Not Observed	10/24/2016	S1	Sleeve	4	Soil (SM)	54	167	8	115	80	
WMNF	Quanta Subsurface	BH-23B	8/11/2016	44.121202	-71.802866	50	21	Not Observed	10/24/2016	S4	Sleeve	19	Soil (SM)	49	180	12	112	90	
WMNF	Quanta Subsurface	BH-23B	8/11/2016	44.121873	-71.80201	50	21	Not Observed	11/9/2016	S9	Core	44	Rock	44	63	<1	173	50	
WMNF	Quanta Subsurface	BH-24A	8/5/2016	44.080709	-71.80487	59.1	52.5	8	11/3/2016	S3	Sleeve	14	Soil (SM)	68	336	23	101	80	
WMNF	Quanta Subsurface	BH-24A	8/6/2016	44.080709	-71.80487	59.1	52.5	8	10/21/2016	S9	Sleeve	44	Soil (SW)	51	167	22	106	90	
WMNF	Quanta Subsurface	BH-24B	8/5/2016	44.07939	-71.8028	60	32	Not Observed	10/21/2016	S3	Sleeve	14	Soil (SP)	44	184	23	106	90	
WMNF	Quanta Subsurface	BH-24B	8/6/2016	44.07939	-71.8028	60	32	Not Observed	10/21/2016	S6	Sleeve	29	Soil (SP)	48	217	24	100	90	
WMNF	Quanta Subsurface	BH-25A	8/4/2016	44.077212	-71.796636	64.5	61.5	Not Observed	10/26/2016	S2	Sleeve	9.5	Soil (SM)	48	151	11	121	80	
WMNF	Quanta Subsurface	BH-25A	8/5/2016	44.077212	-71.796636	64.5	61.5	Not Observed	10/21/2016	S7	Sleeve	34	Soil (ML)	63	292	26	98	90	
WMNF	Quanta Subsurface	BH-25B	8/4/2016	44.076661	-71.795868	59.4		Not Observed	10/21/2016	S4	Sleeve	19	Soil (SW)	49	210	11	136	75	
WMNF	Quanta Subsurface	BH-25B	8/5/2016	44.076661	-71.795868	59.4		Not Observed	10/21/2016	S7	Sleeve	34	Soil (ML)	58	313	27	97	90	
WMNF	Quanta Subsurface	BH-26A	8/9/2016	44.075701	-71.795224	65	58.5	14	10/21/2016	S3	Sleeve	14	Soil (GW)	46	94	7	135	60	
WMNF	Quanta Subsurface	BH-26A	8/10/2016	44.075701	-71.795224	65	58.5	14	10/21/2016	S7	Sleeve	34	Soil (SP)	41	245	29	96	50	
WMNF	Quanta Subsurface	BH-26B	8/9/2016	44.074412	-71.794962	56		9.5	10/21/2016	S3	Sleeve	15	Soil (SC)	55	189	21	109	70	
WMNF	Quanta Subsurface	BH-26B	8/10/2016	44.074412	-71.794962	56		9.5	10/21/2016	S7	Sleeve	35	Soil (SM)	56	224	23	103	70	
WMNF	Quanta Subsurface	BH-27A	8/3/2016	44.071945	-71.79349	60.5		21	10/21/2016	S4	Sleeve	19	Soil (GM)	42	98	10	130	55	
WMNF	Quanta Subsurface	BH-27A	8/4/2016	44.071945	-71.79349	60.5		21	10/21/2016	S8	Sleeve	39	Soil (SW)	53	227	10	127	65	
WMNF	Quanta Subsurface	BH-27B	8/3/2016	44.070541	-71.79307	64.5		Not Observed	10/21/2016	S4	Sleeve	19	Soil (SM)	50	138	13	122	85	
WMNF	Quanta Subsurface	BH-27B	8/4/2016	44.070541	-71.79307	64.5		Not Observed	10/21/2016	S8	Sleeve	39	Soil (SP)	62	189	16	117	90	
WMNF	Quanta Subsurface	BH-28A	8/1/2016	44.064102	-71.791791	55.4	12.5	13	10/21/2016	S2	Sleeve	9	Soil (SM)	48	137	12	129	80	
WMNF	Quanta Subsurface	BH-28A	8/2/2016	44.064102	-71.791791	55.4	12.5	13	10/11/2016	RC 5	Core	39.7	Rock	38	66	<1	157	45	
WMNF	Quanta Subsurface	BH-28B	8/9/2016	44.0634	-71.792078	64.8	13	12	10/11/2016	RC 1	Core	21.8	Rock	30	62	<1	157	40	
WMNF	Quanta Subsurface	BH-28B	8/9/2016	44.0634	-71.792078	64.8	13	12	10/11/2016	RC 7	Core	41	Rock	32	71	<1	155	40	
WMNF	Quanta Subsurface	BH-29A	8/1/2016	44.062078	-71.792366	55	5.2	3	10/11/2016	RC 4	Core	18	Rock	37	73	<1	162	50	
WMNF	Quanta Subsurface	BH-29A	8/1/2016	44.062078	-71.792366	55	5.2	3	10/11/2016	RC 7	Core	35	Rock	44	70	<1	165	50	
WMNF	Quanta Subsurface	BH-29B	7/30/2016	44.06086	-71.79262	65	4.5	5	10/11/2016	RC 3	Core	20	Rock	39	69	<1	163	50	
WMNF	Quanta Subsurface	BH-29B	7/30/2016	44.06086	-71.79262	65	4.5	5	10/11/2016	RC 6	Core	36	Rock	40	63	<1	163	50	
WMNF	Quanta Subsurface	BH-30A	8/1/2016	44.05728	-71.79368	75.3	11.5	Not Observed	10/11/2016	RC 4	Core	23	Rock	32	60	<1	168	45	
WMNF	Quanta Subsurface	BH-30A	8/1/2016	44.05728	-71.79368	75.3	11.5	Not Observed	10/11/2016	RC 9	Core	50	Rock	36	59	<1	165	45	
WMNF	Terracon	B-32B	1/7/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Bulk	10' - 14'	SOIL	46	173	14	116	60	Linearly, should be 30B
WMNF	Terracon	B-32B	1/8/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Core	20.5' - 21'	ROCK	48	66	<1	177	55	Linearly, should be 30B
WMNF	Terracon	B-32B	1/9/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Core	29' - 30'	ROCK	50	65	<1	179	60	Linearly, should be 30B
WMNF	Terracon	B-32B	1/10/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Core	41' - 42'	ROCK	47	73	<1	178	60	Linearly, should be 30B
WMNF	Terracon	B-32B	1/11/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Core	50' - 51'	ROCK	49	71	<1	174	60	Linearly, should be 30B
WMNF	Terracon	B-32B	1/12/2016	44.056789	-71.794133	66	14	9	2/17/2016	B-32B	Core	60' - 61'	ROCK	42	66	<1	177	50	Linearly, should be 30B
WMNF	Quanta Subsurface	BH-31A	7/28/2016	44.05224	-71.79299	75	8.5	Not Observed	10/11/2016	RC 3	Core	19	Rock	39	61	<1	158	45	
WMNF	Quanta Subsurface	BH-31A	7/28/2016	44.05224	-71.79299	75	8.5	Not Observed	10/11/2016	RC 11	Core	54	Rock	46	65	<1	165	55	
WMNF	Quanta Subsurface	BH-31B	7/29/2016	44.05091	-71.79307	70	33	Not Observed	10/21/2016	S5	Sleeve	24	Soil (SP)	40	151	21	117	70	
WMNF	Quanta Subsurface	BH-31B	7/30/2016	44.05091	-71.79307	70	33	Not Observed	10/11/2016	RC 4	Core	52.7	Rock	35	66	<1	162	45	
WMNF	Quanta Subsurface	BH-32A	7/27/2016	44.04594	-71.79316	65	9	Not Observed	10/11/2016	RC 7	Core	36	Rock	41	62	<1	166	50	
WMNF	Quanta Subsurface	BH-32A	7/28/2016	44.04594	-71.79316	65	9	Not Observed	10/11/2016	RC 12	Core	63	Rock	45	69	<1	168	55	
WMNF	Quanta Subsurface	BH-32B	7/27/2016	44.04503	-71.79238	65.8	7.5	Not Observed	10/11/2016	RC 4	Core	26	Rock	38	65	<1	164	50	
WMNF	Quanta Subsurface	BH-32B	7/28/2016	44.04503	-71.79238	65.8	7.5	Not Observed	10/11/2016	RC 12	Core	63.7	Rock	50	72	<1	162	60	
WMNF	Quanta Subsurface	BH-33A	7/24/2016	44.037962	-71.788749	65	23	13	10/21/2016	S6	Sleeve	30	Soil (GW)	46	108	12	133	60	
WMNF	Quanta Subsurface	BH-33A	7/25/2016	44.037962	-71.788749	65	23	13	10/11/2016	RC 2	Core	51	Rock	44	70	<1	158	55	
WMNF	Quanta Subsurface	BH-33B	7/25/2016	44.037574	-71.787038	65.3	18	Not Observed	10/11/2016	RC 2	Core	26.6	Rock	40	75	<1	160	55	
WMNF	Quanta Subsurface	BH-33B	7/26/2016	44.037574	-71.787038	65.3	18	Not Observed	10/11/2016	RC 8	Core	51	Rock	39	65	<1	155	50	
WMNF	Quanta Subsurface	BH-34A	7/21/2016	44.03458	-71.776303	75	24	Not Observed	10/11/2016	RC 2	Core	33	Rock	49	67	<1	154	55	
WMNF	Quanta Subsurface	BH-34A	7/22/2016	44.03458	-71.776303	75	24	Not Observed	10/11/2016	RC 5	Core	47	Rock	51	70	<1	158	60	
WMNF	Quanta Subsurface	BH-34B	7/17/2016	44.034284	-71.774499	64.5	17	Not Observed	10/21/2016	S2	Sleeve	9	Soil (SW)	42	214	22	120	80	
WMNF	Quanta Subsurface	BH-34B	7/18/2016	44.034284	-71.774499	64.5	17	Not Observed	10/11/2016	RC 6	Core	47	Rock	38	73	<1	165	50	
WMNF	Quanta Subsurface	BH-35A	7/19/2016	44.031741	-71.767429	60	16	Not Observed	10/21/2016	S2	Sleeve	9	Soil (SM)	51	149	12	119	85	
WMNF	Quanta Subsurface	BH-35A	7/20/2016	44.031741	-71.767429	60	16	Not Observed	10/11/2016	RC 9	Core	55	Rock	35	66	<1	160	50	
WMNF	Quanta Subsurface	BH-35B	7/14/2016	44.03088	-71.765988	75	15.5	Not Observed	10/21/2016	S1	Sleeve	4	Soil (SM)	54	140	8	118	85	
WMNF	Quanta Subsurface	BH-35B	7/15/2016	44.03088	-71.765988	75	15.5	Not Observed	10/11/2016	RC 11	Core	56	Rock	37	71	<1	159	50	
WMNF	Quanta Subsurface	BH-36A	7/11/2016	44.026654	-71.755236	64.3		22	10/21/2016	S5	Sleeve	29	Soil (SP)	43	158	11	118	55	
WMNF	Quanta Subsurface	BH-36A	7/12/2016	44.026654	-71.755236	64.3		22	10/21/2016	S10	Sleeve	54	Soil (ML)	54	308	15	119	65	
WMNF	Quanta Subsurface	BH-36B	7/12/2016	44.025879	-71.753953	63	27	Not Observed	10/18/2016	S3	Sleeve	14	Soil (SW)	54	198	26	97	80	
WMNF	Quanta Subsurface	BH-36B	7/12/2016	44.025879	-71.753953	63	27	Not Observed	10/11/2016	RC 6	Core	54	Rock	37	74	<1	163	50	
WMNF	Quanta Subsurface	BH-36C	7/13/2016	44.024846	-71.752797	45	12	Not Observed	10/18/2016	S4	Sleeve	19	Soil (SM)	50	142	21	123	80	
WMNF	Quanta Subsurface	BH-36C	7/14/2016	44.024846	-71.752797	45	12	Not Observed	10/11/2016	RC 3	Core	40.6	Rock	41	68	<1	159	50	
WMNF	Quanta Subsurface	BH-37A	7/10/2016	44.021807	-71.731939	61.5	52	Not Observed	10/18/2016	S3	Sleeve	14	Soil (SM)	83	248	16	113	90	
WMNF	Quanta Subsurface	BH-37A	7/11/2016	44.021807	-71.731939	61.5	52	Not Observed	10/18/2016	S6	Sleeve	29	Soil (SW)	61	167	10	111	90	
WMNF	Quanta Subsurface	BH-37B	7/10/2016	44.022703	-71.730831	65.5		Not Observed	10/18/2016	S2	Sleeve	9	Soil (SC)	50	137	9	129	85	
WMNF	Quanta Subsurface	BH-37B	7/11/2016	44.022703	-71.730831	65.5		Not Observed	10/18/2016	S6	Sleeve	29	Soil (CL)	65	188	10	114	90	
WMNF	Terracon	B-38A	1/5/2016	44.031712	-71.694427	68	34.5	5.5	2/17/2016	B-38A	Bulk	9' - 11'	SOIL	57	189	11	113	70	
WMNF	Terracon	B-38A	1/6/2016	44.031712	-71.694427	68	34.5	5.5	2/17/2016	B-38A	Bulk	20' - 22'	SOIL	47	176	12	119	60	
WMNF	Terracon	B-38A	1/7/2016	44.031712	-71.694427	68	34.5	5.5											

Norther Pass Transmission Line Project  
Trenchless Thermal Resistivity Study  
Nov-16

WMNF	Terracon	B-38C	1/17/2016	44.0313	-71.690878	65	45.8	6	2/17/2016	B-38C	Core	63' - 64'	ROCK	37	81	1	172	55
WMNF	Terracon	B-39B	12/28/2015	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Bulk	10' - 14'	SOIL	56	214	14	104	70
WMNF	Terracon	B-39B	12/29/2015	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Core	22' - 23'	ROCK	45	79	<1	171	60
WMNF	Terracon	B-39B	12/30/2015	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Core	29' - 30'	ROCK	49	63	<1	169	55
WMNF	Terracon	B-39B	12/31/2015	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Core	39' - 40'	ROCK	39	56	<1	166	50
WMNF	Terracon	B-39B	1/1/2016	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Core - R7	49' - 50'	ROCK	45	67	<1	164	55
WMNF	Terracon	B-39B	1/2/2016	44.024453	-71.685138	64	19	5	2/17/2016	B-39B	Core - R9	59' - 60'	ROCK	38	58	<1	151	50
WMNF	Quanta Subsurface	BH-39A	8/31/2016	44.026477	-71.684915	64.5	37.5	14	10/18/2016	S2	Sleeve	15	Soil (SM)	54	142	12	117	70
WMNF	Quanta Subsurface	BH-39A	9/1/2016	44.026477	-71.684915	64.5	37.5	14	10/18/2016	S6	Sleeve	35	Soil (SP)	64	198	12	115	80
WBR3	Quanta Subsurface	BH-40A	7/8/2016	43.959632	-71.681034	60		Not Observed	10/18/2016	S2	Sleeve	10	Soil (SW)	213	494	7	112	120
WBR3	Quanta Subsurface	BH-40A	7/9/2016	43.959632	-71.681034	60		Not Observed	10/18/2016	S5	Sleeve	24	Soil (SP)	59	213	15	110	80
WBR3	Quanta Subsurface	BH-40B	7/6/2016	43.959002	-71.680658	65.5		Not Observed	10/18/2016	S2	Sleeve	10	Soil (SW)	187	265	2	124	150
WBR3	Quanta Subsurface	BH-40B	7/7/2016	43.959002	-71.680658	65.5		Not Observed	10/18/2016	S4	Sleeve	19	Soil (SW)	57	302	19	110	95
WBR3	Quanta Subsurface	BH-41A	6/27/2016	43.933037	-71.685085	59	36	10	10/18/2016	S5	Sleeve	23.5	Soil (ML)	72	239	25	97	85
WBR3	Quanta Subsurface	BH-41A	6/28/2016	43.933037	-71.685085	59	36	10	10/11/2016	RC 2	Core	42	Rock	39	68	<1	158	50
WBR3	Quanta Subsurface	BH-41B	6/28/2016	43.932136	-71.684899	65	43	3	10/18/2016	S4	Sleeve	20	Soil (SM)	55	204	25	90	75
WBR3	Quanta Subsurface	BH-41B	6/29/2016	43.932136	-71.684899	65	43	3	10/18/2016	S8	Sleeve	40	Soil (SW)	64	364	21	104	80
WBR3	Quanta Subsurface	BH-42A	6/29/2016	43.91228	-71.685617	65	58	9	10/18/2016	S2	Sleeve	9	Soil (GW)	48	170	12	109	60
WBR3	Quanta Subsurface	BH-42A	6/30/2016	43.91228	-71.685617	65	58	9	10/18/2016	S7	Sleeve	34	Soil (CL)	77	278	21	102	90
WBR3	Quanta Subsurface	BH-42B	6/23/2016	43.911429	-71.685413	75.2	13.5	9.5	10/11/2016	RC 2	Core	17	Rock	42	63	<1	164	50
WBR3	Quanta Subsurface	BH-42B	6/24/2016	43.911429	-71.685413	75.2	13.5	9.5	10/11/2016	RC 5	Core	34.4	Rock	46	61	<1	165	50
WBR3	Quanta Subsurface	BH-43A	6/22/2016	43.907335	-71.683611	64.5		12	10/18/2016	S2	Sleeve	10	Soil (SM)	69	214	8	100	90
WBR3	Quanta Subsurface	BH-43A	6/23/2016	43.907335	-71.683611	64.5		12	10/18/2016	S9	Sleeve	35	Soil (SP)	55	355	26	101	70
WBR3	Quanta Subsurface	BH-43B	6/21/2016	43.906264	-71.683279	64	37.5	12	10/18/2016	S2	Sleeve	9	Soil (SW)	55	183	5	111	95
WBR3	Quanta Subsurface	BH-43B	6/22/2016	43.906264	-71.683279	64	37.5	12	10/18/2016	S6	Sleeve	29	Soil (SP)	60	198	17	108	75
WBR3	Quanta Subsurface	BH-44A	6/16/2016	43.852522	-71.666688	65.5		4	10/18/2016	S5	Sleeve	24	Soil (CH)	51	139	15	119	70
WBR3	Quanta Subsurface	BH-44A	6/17/2016	43.852522	-71.666688	65.5		4	10/18/2016	S11	Sleeve	55	Soil (GM)	58	151	10	131	70
WBR3	Quanta Subsurface	BH-44B	6/14/2016	43.851987	-71.666675	65.5		9	10/17/2016	S5	Sleeve	24	Soil (CH)	65	182	18	111	85
WBR3	Quanta Subsurface	BH-44B	6/15/2016	43.851987	-71.666675	65.5		9	10/17/2016	S11	Sleeve	54	Soil (CH)	62	166	20	114	80
WBR3	Quanta Subsurface	BH-45A	6/15/2016	43.851604	-71.666945	65.5		9	10/17/2016	S6	Sleeve	29	Soil (CH)	49	206	21	110	75
WBR3	Quanta Subsurface	BH-45A	6/16/2016	43.851604	-71.666945	65.5		9	10/17/2016	S12	Sleeve	59	Soil (SM)	64	181	12	109	70
WBR3	Quanta Subsurface	BH-45B	6/13/2016	43.851019	-71.666825	65.5		9	10/17/2016	S1	Sleeve	4	Soil (GW)	44	129	8	126	80
WBR3	Quanta Subsurface	BH-45B	6/14/2016	43.851019	-71.666825	65.5		9	10/17/2016	S11	Sleeve	54	Soil (CL)	58	142	11	118	65
WBR3	Quanta Subsurface	BH-46A	6/12/2016	43.847311	-71.665164	75.4		9	10/17/2016	S3	Sleeve	14.5	Soil (SM)	68	192	11	108	80
WBR3	Quanta Subsurface	BH-46A	6/13/2016	43.847311	-71.665164	75.4		9	10/17/2016	S11	Sleeve	54	Soil (SM)	60	180	15	110	70
WBR3	Quanta Subsurface	BH-46B	6/8/2016	43.846835	-71.665082	65.5		13	10/17/2016	S3	Sleeve	14.5	Soil (ML)	81	270	32	93	95
WBR3	Quanta Subsurface	BH-46B	6/9/2016	43.846835	-71.665082	65.5		13	10/26/2016	S10	Sleeve	56	Soil (SM)	46	274	19	106	60
WBR3	Quanta Subsurface	BH-47A	6/6/2016	43.803143	-71.673827	61	54.5	12	10/17/2016	S2	Sleeve	9	Soil (SM/GM)	55	160	7	114	85
WBR3	Quanta Subsurface	BH-47A	6/7/2016	43.803143	-71.673827	61	54.5	12	10/17/2016	S5	Sleeve	24	Soil (SM/GM)	48	153	17	113	60
WBR3	Quanta Subsurface	BH-47B	6/6/2016	43.802948	-71.673913	65	40	12	10/17/2016	S3	Sleeve	14	Soil (GW)	41	109	10	132	50
WBR3	Quanta Subsurface	BH-47B	6/7/2016	43.802948	-71.673913	65	40	12	10/17/2016	S6	Sleeve	29.5	Soil (GM)	60	174	8	117	60
WBR3	Quanta Subsurface	BH-48A	6/5/2016	43.798943	-71.673911	65.5		13	10/17/2016	S5	Sleeve	24	Soil (SC)	54	145	10	129	60
WBR3	Quanta Subsurface	BH-48A	6/6/2016	43.798943	-71.673911	65.5		13	10/17/2016	S12	Sleeve	64	Soil (SM)	61	152	9	125	70
WBR3	Quanta Subsurface	BH-48B	6/2/2016	43.797593	-71.673646	65		22	10/17/2016	S6	Sleeve	29	Soil (GM)	54	168	16	118	60
WBR3	Quanta Subsurface	BH-48B	6/3/2016	43.797593	-71.673646	65		22	10/17/2016	S13	Sleeve	64	Soil (ML)	65	177	12	125	80
WBR3	H&A	B-49A	12/14/2015	43.772011	-71.685088	66		47.7	1/4/2016	B-49A	S4.5	14'-16', 19'-21'	SOIL (SP)	58	263	20	110	85
WBR3	H&A	B-49A	12/16/2015	43.772011	-71.685088	66		47.7	1/4/2016	B-49A	S8.9	34'-36', 39'-41'	SOIL (SP)	60	269	20	110	85
WBR3	H&A	BH-049B	12/15/2015	43.770482	-71.685248	66		39	1/6/2016	BH-049B	S5	19'-21'	SOIL (SP)	53	258	23	110	80
WBR3	H&A	BH-049B	12/16/2015	43.770482	-71.685248	66		39	1/6/2016	BH-049B	S9	39'-41'	SOIL (SP)	54	266	23	110	70
WBR3	H&A	BH-050A	12/18/2015	43.769195	-71.685269	67		16.5	1/6/2016	BH-050A	S5	20'-22'	SOIL (SW)	52	137	9	120	60
WBR3	H&A	BH-050A	12/19/2015	43.769195	-71.685269	67		16.5	1/6/2016	BH-050A	S8 & S9	35'-37' & 40'-42'	SOIL (SP)	49	245	17	110	60
WBR3	H&A	BH-050B	12/16/2015	43.767829	-71.686364	65		8.9	1/6/2016	BH-050B	S5	20'-22'	SOIL (SP)	57	307	28	110	70
WBR3	H&A	BH-050B	12/17/2015	43.767829	-71.686364	65		8.9	1/6/2016	BH-050B	S11	50'-52'	SOIL (SP/SM)	55	324	25	115	70
WBR3	H&A	BH-050C	12/14/2015	43.767187	-71.686835	65	45.5	9.2	1/6/2016	BH-050C	S5 & S6	20'-22' & 25'-27'	SOIL (SP)	62	432	40	109	80
WBR3	H&A	BH-050C	12/15/2015	43.767187	-71.686835	65	45.5	9.2	1/6/2016	BH-050C	C2	56'-57'	ROCK	36	51	0.5	169	45
WBR3	Quanta Subsurface	BH-51A	6/1/2016	43.750602	-71.686727	65.3		9	10/17/2016	S3	Sleeve	14	Soil (SW)	42	109	11	125	70
WBR3	Quanta Subsurface	BH-51A	6/2/2016	43.750602	-71.686727	65.3		9	10/17/2016	S6	Sleeve	29	Soil (PT)	86	643	69	57	95
WBR3	Quanta Subsurface	BH-51B	6/1/2016	43.750292	-71.686417	65		8	10/17/2016	S4	Sleeve	18	Soil (SM/GM)	55	134	11	120	70
WBR3	Quanta Subsurface	BH-51B	6/2/2016	43.750292	-71.686417	65		8	10/17/2016	S7	Sleeve	33	Soil (SM/GM)	48	118	13	126	70
WBR3	Quanta Subsurface	BH-52A	5/31/2016	43.729822	-71.675867	60	12.5	9	10/11/2016	RC 2	Core	22.8	Rock	38	70	<1	159	50
WBR3	Quanta Subsurface	BH-52A	6/1/2016	43.729822	-71.675867	60	12.5	9	10/11/2016	RC 5	Core	38.5	Rock	40	67	<1	162	50
WBR3	Quanta Subsurface	BH-52B	5/30/2016	43.728816	-71.676103	60	41.7	7.5	10/17/2016	S5	Sleeve	24	Soil (SM)	58	177	19	99	80
WBR3	Quanta Subsurface	BH-52B	5/31/2016	43.728816	-71.676103	60	41.7	7.5	10/11/2016	RC-4	Core	49.5	Rock	44	74	<1	160	55