	G	EC	OS	CIE	N	CE	=	Project: RBF/MPWSP Monitoring Well	LOG OF BOR	RING
								Project No.: 13027-14		OF 12
170	Location			×/M	W-4	0		Date(s) Drilled 12/20/14 Saturday	Drilling Contractor Cascade	Bearing (Azimuth)
,	Ground : Elevation	n (ft)			***			by J. Sobolew	Type Prosonic 600 T	Plunge (Degrees) Vert
a l	Horizont Datum	al/Verti					_	Reviewed by	Borehole Diameter (in) 10 3/4 1/6 core	Total Depth (ft)
	Depth (ft)	Notes	Penetration (Graphic)	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	Subject	TIAL DRAFT to Revision DESCRIPTION	SOIL COLOR
12/20/14 @ 1282 @ 1221 -	- 0							F- E gravel, Subanjular  QFA, Hace silt  QFA, Hace silt  QFA, Hace silt  Poorly graded sand, loo  to subcounded, QFA, Hre  -10.41 SP Poorly graded sand,  Subanjular, QFA, H  Subanjular to subpo  Matrix.  -13.21 SP Poorly graded sand,  Subanjular, QFA;  Subanjular to subpo  Matrix.  -13.21 SP Poorly graded sand,  Subanjular to subpo  Matrix.  -13.21 SP Poorly graded sand,  Subanjular to subpo  Predominantly Queen  -21.41 SP-SM Poorly graded  Well sorted, subro  Predominantly fine	100% F-C sand, well sorted, and QFA  100% F-C sand, well sorted, race interbeds of silt.  100% F-M sand, well sorted, and QA, trace silt in  , 98% F-M sand, well sorted, 1511+  00% F-M sand, well sorted silt.  2% Isil+  00% F-M sand, well sorted sorted, QFA, trace silt, etc.  Sund w/silt, 90% F-M san unded, QFA, 10% silt, esand.  end, 100% F. sand, subunyuler	July 7.5 4R 3/3  dark brown  104R 4/6  Jack yellowish  104R 5/6  Yellowish  Brown  104R 6/4  Light yellowish  Brown  104R 5/6  Yellowish  Brown  104R 5/4  Brown  104R 5/4  Light yellowish  Brown  104R 5/4  Light yellowish  Brown  104R 5/4  Yellowish  Brown

	G	E	OSC	CIE	NO	CE		Project: RBF/MPWSP  Mws -Exploratory Boreholes  Project No.: 13017-13  13027-14	LOG OF BOR	
	Location	Lei	mex/	MW-	40	3.6		Dete(c)	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground Elevatio	Surface						Logged	Drill Rig Type Prosonic 600°T	Plunge (Degrees) Vert
	Horizon Datum	tal/Vert	ical					Reviewed by	Borehole Diameter (in) 10344/6" Core	Total Depth (ft)
			Sam	ple Info	rmatio	on		CONFIDENT		
	Depth (ft)	Notes	Penetration (Graphic) Type and No.	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	Subject to	o Revision DESCRIPTION	SOIL COLOR
	T 30		П		Ī		, ,	(ED) Parolis es la les el	1001 - 11 1	1011 5/5
	- 31							(SP) Poorly graded sund,	OFA, trace interbolo	104R 5/3
	- 32							of s: 1+.		Brown
	- 33 - 34									-
	- 34 - 35							2441		-
	- 36							-34.9' SP Poorly graded say	nd, 100% F-C sand, well or to Subrocaled, OFMA,	7,5 YR
@0730	37							trace SII+	it to gustorized , attill	6/3
	- 38									レシャナ
	- 39				39'-	MbA				Brown
	- 40				40'-	$\triangle$				-
	- 41						1.7.	-41.11 (SP) Popring graded Su	end, 95% Ford sond well sond	71
	- 42	ž.,-	100	e e F				Subungular to sa	nd, 95% For send, well 50H Swanded, QFMA, 5% 511	cd, 7.5 yr +. 5/4
	43	-		20041	1-1			Interbeds of con	use sand	
	- 44 - 45									Braun
	46			*						
@ 0256	47									
	- 48				48' -	MGA	1,	(E.)		
	49		I A !	40.1	49-	X	000	-49.01 Swell graded so	and, 100%. F-C sand, topply lan no subjounded, WFMA	10 YR 5/4
	- 50			MI.	1.8		0000		William CAMA	yellow:54 Brown
	- 51		7					-50.71 (SP) Poorly graded su	ad 05/ 5	
	- 52							Sorted. Submarches	nd, 195% F-C sand, well to subspanded, OFMA,	104R
	53						11.	- 1. SILT, Fredom	ripartly F-M sand, high	5/3
	- 54 - 55							Mica Content.		
	- 56									Brown
@0837	57									
	- 58									
	- 59				4.0					
	60							-		

	G	E	2.	SC	IE	NO	CE		Project: RBF/MPWSP  MW'S Exploratory Boreholes  Project No.: 13017-13- 13027-14	LOG OF BOR	
	Location	(0.	Ma	v/	MW-	40			Date(s) Driled 2/21/14 Sunday	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground : Elevation	Surface		~/ ;	IW	10			Logged by J. Sobolew	Drill Rig Type Prosonic 600T	Plunge (Degrees) Vert
	Horizont Datum	al/Verti	ical						Reviewed by	Borehole Diameter (in) 10 3/4 " Sec. /6" core	Total Depth (ft)
			H	Sam	ole Info	rmati	on			TIAL DRAFT	
	Depth (ft)	Notes	Penetration (Graphic)	Type and No.	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	Subject	to Revision DESCRIPTION	SOIL COLOR
	- 60		П					٠,٠			
-	61							00	-61.66	1001010101	
-	- 62							00	-61.6 (SW) Well graded sen	ar to sabioended, QFMA,	104R 5/3
	- 63							00	5% silt, +r	ace grave)	Braun
	- 64 - 65							00			
8	- 66					65.1 -	MGA	0.0	-65. H (SP) Panely a Carled	not w/gravel, 75% F-C	10 YR 5/3
@0908	67					66,1 -		00	50 NJ 25% E	-C glavely median sorting,	
	- 68							00	Dubragular to	Satironed QFMA 1000	
	- 69							0.0	, Preciomina	ntly coarse sand & fine years	7
	- 70							0.	-01,2		
	- 71								OP Poorly graded.	sund, 95% very fine said,	
	- 72							1	Well sorted, Su	bayular, QFMX, 5% 1114	104R
	- 73										5/3
-	- 74										0.
	75						MGA	1 .1			Bran
@0935 -	76 77			2.52		76"	X				52
2 100	- 78										
-	- 79										
	- 80						į.				100
_	- 81										
·	82							1			
	- 83										
· · ·	- 84										
	85										
End 12/21/14	- 86										
1/3 6002	87							117	- 87' (SP) foorly graded sund, c	15% F-C sand well sorted,	10YR 6/4
1/3 0007	- 88					89'-	MUA		Sypangular to Subje	unded, 5% fine grave 1, trace	- Light Yellowish Brawn
	- 89 - 90					907	X	260	-87.21		for the said

	G	E	OSC	CIE	N	CE	-	Project: RBF/MPWSP	LOG OF BOR	ING
								Monitoring Well Project No.: 13027-14	SHEET 4 C	F12
	Location	Ler	ex/M	W-41	)			Date(s) 1/5/15 Monday	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground : Elevation		e '					Logged J. Sobelew	Drill Rig Type Prosonic GOOT	Plunge (Degrees) Vert
	Horizont Datum	al/Vert						Reviewed by	Borehole 103/11 11/	Total Depth (ft)
			Sam	ple Info	T	on			TIAL DRAFT	
2			Graphi No.	. 6 in.	n (in	(in)	Unit		to Revision DESCRIPTION	0011 001 00
	Depth (ft)	Se	Penetration (Grap Type and No.	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic	140.31 = 130.35	DESCRIPTION	SOIL COLOR
		Notes	Typ	Blow	Pen	Rec	Geo		0	1 a 6
The state of the s	90						3 0	-90.6. Spring, subangular to	Starel, 75% F-C and, Medium submended, 25% F-C grevel, OA	104R 5/4 Yellowish Brann
	- 91 - 92						11.	Chert	Sand f-C, Subargular to Subsounded	10 YR 5/4 Yellowish Blown
( ) ( )	- 93			ž)			10	Well 30 Hed , 54. 3/2-	ocl, trace 5:1+ OFMA	7.5 YR
	94						0		elw/sand, 60% grave I F-C	1 6/4
	- 95						20	40% F- C Sand, Me to Subsounded, QF	edium sorting, subengular	Light
	- 96				96 -	MGA	20	10 Destoursen ) OF F	A	Brann
@ 0940 -	- 97		- E		97-	X	35	-97'		101/1 5/1
	- 98					-	0.0	GP) Poorly graded grad	vel, 80% F-C gravel,	104K 5/4 Yellowish
	- 99				99	M6A	0	to Subjounded, a	FA, trace silt. Sand suber	aler Black
4	100				100	<u></u>	J. 0	-1001 = glavel lounder	(	10115
	101						6 6	(Sw) Well graded sand	d w/gravel, 551. F. 6 su	N, 6/6
	102						60	404. F- C 312. QFA, 54. 5:1	vel, medium to poor sort:	Branish
· v	- 103 - 104						0 0	W/A/J/	17	Yellow
	- 105									
	106						111	-105,5 (5) Poorly graded	send, 15% predominantly	2 EVP
@1230 -	107						13,	F-M (+rac 6)	send, well sorted, subunguela	7,54R
	- 108						15		1. Fr & glavel, trace sitt	L:34+
æ	109							-108.5'	*	Blown
	110			>				( )	1, 100% F-M sand, well son	
	111						, ,		Grounded, trace grave 1 = 5: 4	
	112						•	QFMA		Light Brann
	113						73.75	-113.5'		Diany
	- 114   - 115								1201/ 1 1	7.6.10
	116				w	MGA			, 100% very fine to fine ted, subungular to sublamble	7.5 YR
A st	- 117				114	X		QFAA, trace		
	118						1	,		Brown
	119									
	- 120 <sup>[</sup>									

	G	E	0	SC	CIE	N	CE		Project: RBF/MPWSP Monitoring Well	LOG OF BOF	RING
				/					Project No.: 13027-14	SHEET 5 (	OF 12
	Location	Ce	Me	x//	YW-4	P			Date(s) Drilled 1/5/15 Monley	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground Elevation		e						Logged J. Sobolew	Drill Rig Type Prosonic 600T	Plunge (Degrees) Vert
	Horizont Datum	al/Vert	tical						Reviewed by	Borehole 97/8" SC/6" Lore	Total Depth (ft)
			H	Sam	ple Info	rmati	on		CONFIDEN	TIAL DRAFT	
			(aphic)	<u>0</u>	ï.	(in)	n)	nit		to Revision	
	Depth (ft)	Notes	Penetration (Graphic	Type and No.	Blows per 6 in	Penetration (in)	Recovery (in)	Geologic Unit	MATERIAL	DESCRIPTION	SOIL COLOR
	<sub>-</sub> 120		П		-			٠,		¥ 5	
	121										
	- 122										-
	123							1	-122,7 (FD) Fat Clay, 95%	clay, medium plasticity.	54 6/3
	124							//	5% median send	clay, medium plasticity, subsecuted, Ruartz	Pale Ulive
	- 125							4	-125'_		
	- 126								(3P) Poorly graded seno	1, 90% For Sand, Subjacades	1, 104R 5/6
5 -	127								-127' Well Solfed, low	1, 90% Fom Sand, Subjounded in plusticity, QMA, 5% 5:74,	Yellowish Broma
5	128								(H) Fat clay, 100	1. Glay, median about	54 6/3
	- 129								-128.6' GR-SN Frace Sund, Su	1. Clay, medium plasticity, brounded, DM fine Sent	104R 6/6
	130								-130.1' Well sould so	nd w/sitt, 90% sand F-M,	Bran 1:59 Yellan
	- 131								-130,7 (5A) POORLY 2000	sand, 95% very fine to fine s ill sorted, 5% silt	104 R 6/6
	- 132							177	- 131,7 SP-50 monder, we	11 sorted, 5.1 5:14	and, Brown: 54 yelle
	133										
	134								QMA, 10%	end, subangular, low plasticity clay, oxidation visible in	6/3
	- 135							Ż	(CA)	end, 100% F.C Sand, well so	1
	136								angular to subs	andal, trace gravel & s: It,	7671
25 -	137		П						-137.0' QFA layer of	elay w/shells	
	- 138							4			
	139								(SP-SM)		IDYR
	140			2					Poorly graded	Sand w/silt, F-C sand,	
	141								Pro Low H	Subrounded to rounded;	7/4
	142								10/ 5:1+	rounded Quarte,	Very pale
	143					-		B and the same of			promu
	- 144							The state of the s			
	145					.,,	MGA	2			
	146					146	X				
/-	147					174-	-			4	77
	148										
	149			2				STATE OF THE PARTY			

	G	E	OSC	CIE	N	CE	-	Project: RBF/MPWSP	LOG OF BOR	ING
								Monitoring Well Project No.: 13027-14	SHEET 6 O	F12
	Location	Ce	mex	/MW	- 40			Date(s) 1/7/15 Wednesday	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground Elevation		e ´					Logged J. Sobolew		Plunge (Degrees) Vert
2	Horizont Datum	al/Vert	ical					Reviewed by	Borehole 63 his	Total Depth (ft)
	Depth (ft)	Notes	Penetration (Graphic) Sype and No.	Slows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	Subject t	TIAL DRAFT to Revision DESCRIPTION	SOIL COLOR
1 2		S	T Fee	윰	Pe	Re	Ge			
C 1400 -	- 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 160 - 161 - 162 - 163 - 164 - 165				155	PILA API		SP Poorly graded sand subangular to 5-bit clay, QMA, his sorting, subangular to 5-bit photicity, 10%. F Dxidation  SP Poorly graded sand sorting, subangular to 500 flags.  SP Poorly graded Sand sorting, subangular to 500 flags.  GR-GO Poorly Graded Grave 55%. F-C glavel, Subangular to 505	M sord, subangular to Suspense plusticity, QMA, 15% 5:1+  1, 95% For Sand, well sorted, panded, low plasticity, 5%.  2) Mich content  1, 85% For Sund, medium  1-10 subjounded, none to low  1-10 subjounded, none to low  1-10 subjounded, none to low  1-10 subjounded, 10% For  1-10 subjounded, 10% particity, 10%  2-10 sunded, 10% plasticity, 10%  2-10 sunded, 10% plasticity, 10%  2-10 sunded clasts of glove!	Brown  2.54 6/2  Light Brownish  Gray  104R 6/4  Light Yellowsh  8rown  7.57K  6/6  Reddish  Yellow
@1430 -	- 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180				168	Pr BA		CH) Fat clay, 100  true fine 5 and Silty clay to  Well Softed, low  (18)	Formal w/s: It, 90%.  Fine Sand, well sorted,  V. Si It, RMA  V. Cluy, high plasticity,  R, RM, transitions from  Clay  F-M sand, sombenzalar  to melium plasticity, 25%.  st savel (ISMM) RMA  sv. F.C. sind, well sorted, and  It, REMA, predominantly Duam	10 YR 4/4 dark yellowish Brown  F. SYR 5/3 Brown  A. J. SYR 5/3  Brown  A. J. SYR 6/3

	G	E	2.	SC	CIE	NC	E		Project: RBF/MPWSP Monitoring Well	LOG OF BOR	
								3	Project No.: 13027-14	SHEET 7 O	
	Location			x / {	16-46	)			Drilled 1/8/15 Thursday	Contractor Cascade Drilling	Bearing (Azimuth)
	Elevation	n (ft)							by J. Sobolew	Type Prosonic 600T	Plunge (Degrees) Vert
	Horizont Datum	ai/ven	icai						Reviewed by		Total Depth (ft)
	Depth (ft)	Notes	Penetration (Graphic)	Type and No.	Blows per 6 in. ojul ald	Penetration (in)	Recovery (in)	Geologic Unit	Subjec	ITIAL DRAFT t to Revision L DESCRIPTION	SOIL COLOR
	_ 180					1 -	+1	1,1			
	- 181 - 182 - 183								-180.8'(SM) Silty Sand, 85%. Subangular, low Predominantly	Sand F-M, modium sorting, or plasticity, QMA, 15% silt, fire grained sound.	104R 5/3 Brown
1/8/15	- 184 - 185 - 186			7152		1871 -	M64 M64		(SP) Poorly Graded Sun	d, 95% F_C Sand, well solle eblounded, 5% 5:1+, QFMA ;" Coarser grains at 187-180	1, 10YR 6/2 Light Brownish
C0746-	- 188 - 189					187 -			-189'		Gray
@0840 -	- 190 - 191 - 192 - 193 - 194 - 195 - 196 - 197 - 198 - 199		í	Y n d					51.511+, QF,	and, 195% fire sand,  substanted, well sorted,  A, fredominantly dark  erals, amphiboles.  E-M sand)	10 YR 4/6 Dark
	- 200 - 201 - 202 - 203 - 204 - 205 - 206			1 - ( )	A. C.				Predominently medium -202.4' Weakly comented -204.6'	grained send clasto of "The brown	Yellowish Brown
0-15-	207 208 209 210	-101			*-11 <sup>3</sup>		f		-209.41 weekly cementer	d clasts of "The blown sen	104R 4/3

9	G	E	05	SC	IE	NO	CE		Project: RBF/MPWSP Monitoring Well  LOG OF BORII	-
				<u></u>		50ML-500			Project No.: 13027-14 SHEET 8 OF	
	Location Ground			1</td <td>MW-</td> <td>-40</td> <td></td> <td></td> <td>Drilled 1/8/15 Thursday Contractor Cascade Drilling (A</td> <td>earing Azimuth)</td>	MW-	-40			Drilled 1/8/15 Thursday Contractor Cascade Drilling (A	earing Azimuth)
	Elevation	n (ft)							by J. Sobolaw Type Prosent 6001	lunge Degrees) Vert
E-C	Datum	avver								otal epth (ft)
				samp	le Info		on		CONFIDENTIAL DRAFT	
			Graph	S.	.e in	n (in	(in)	Unit	Subject to Revision  MATERIAL DESCRIPTION	0011 001 00
	Depth (ft)	SS	enetration (Graphic)	lype and No.	Slows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	WATERIAL DESCRIPTION	SOIL COLOR
	Dep	Notes	Penel	Тур	Blow	Pen	Rec	Geo		
	210			T				٠,٠,		
	211							:/:		
	-212					<b>1</b>				
	- 213			7					Weakly cemented clasts of "The blown sand."	
4	214	* 1						1	-214.1	
	- 215							: `		
-	- 216						MGA		and a land and a solution	
	217								-217 (SP) Poorly graded sand, 100% fine sand, well sorted, weakly comented, trace sitt, QFA.	7.54R
	218					218'-		11:	Sorted, weakly cemented, trace silt, QFA, -218.6' Subjounded, higher content of Quarte	4/2 Brown
	- 219								(SP) Poorly graded sand, 95% fine sand, well	7.5 YR
	- 220								Sorted, subangular to sublaunded, weak Cemented clasts, 5% silt, QFA	4/6
	- 221								abundant dark minerals, faint moty	Brown
	- 222							:::	-222.3' color,	Broom
= 2	223								(SP) Poorly graded sand, 100% fine sand, well	2,54
8	224						18		Sorted, Subangular to subsounded, weak comented	
71	- 225				25				Clasts, QFA, trace Silt, abundance of dark	Olive
01120	226								minerals.	Brown
@1138 -	- 227 - 228								-227'	CYLL
	229							-	(ML) Silt, 100% silt, dense à low plusticity,	
	230								horizontal dark oxidited laminations, from 227-227,51	Pale
	- 231							The second secon		Olive
,	232									
	233									
	- 234				9				-2341 (SP-SM) FOOTHY graded Sand W/s: 1+, 90% F-M	
	235				8				Sarely medium sorting, subarralar to	546/3 pule Olive
	236					236	MGA		-235.6 (SP) foorly graded sand, 109%. F-C Sand (Aredon.	2.54 5/3
8-14-	- 237					237	$\times$		-737.	Olive Blown
	238								SP Poorly graded sand, 90% F-C sand (Predominantly	7.5 YR
	239							:::	n-L), 10%. F-L grevel, medium to poor sortin	5/3
<i>2</i>	240							11	Subangular sand, subsounded graves, QFMA, trace sit	Brown

6	G	EO	S	CIE	N	CE	-	Project: RBF/MPWSP	LOG OF BORIN	IG
								Monitoring Well Project No.: 13027-14	SHEET 9 OF	12
	Location	Lene	x/	Mu	40			Date(s) Drilled 1/8/15 Thursday	Contractor Cascade Drilling (Az	aring imuth)
	Ground Elevatio							by J. Soboku	Drill Rig Plu	nge egrees) Vert
	Horizont Datum	tal/Vertica	al					Reviewed by	Borehole Diameter (in) 9 1/8 1/8 8 5.c. /6 1/6 De	tal oth (ft)
			Sam	ple Info	rmati	on		CONFIDEN	ITIAL DRAFT	
8 V		aphic	0.	ï.	(in)	(u	nit	Subject	to Revision	
= :,	(ft)	loi E)	and N	per	ration	ery (i	gic U	MATERIAI	L DESCRIPTION	SOIL COLOR
V	Depth (ft)	Notes Penetration (Graphic	Type and No.	3lows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit			
1	- 240				1					
	241	Abaril.	1110				0	-241'Sw well graded send w,	Igravel, 85% F-C sand, foorly	
	242	2 / N	15/4	5-			. 0	Sorter, subenjular +	lo subto-ended, QFMA, ISI. FIC ), abundance of minerals	2.54 6/3 Light Yellowish Brown
	- 243					20	0	the last the same of the same		2,54 6/3
	244							Subangular to su	, 95%. F-M sand, well sorted, brainded, 5% 5:1+ PENA	L154+
	245							abundance of va	Granded, 5% s: 1+, RFMA	Yellowish Brown
	246						**			1010001
@1435-	247				247	WIT		-247'		
	248				548 -	$\triangle$		Hoorly graded s	end, 100% F-M sand, ppalon. Sorted, OFM A, trace silt	IOYR
	- 249						*	in som, well	SOFTEN, OFM A, Trace silt	
	250	-								Pale Brown
	- 251 - 252									DIDON
	252									7
	254									
	255						00	-254.3 (G.P.GC) GFWELL W	1th clay and said, 50% F-C	54 6/3
	256				256	M6A	00	Subangul	or to subconded, low plasticity,	Pale Olive
@257	257				257	X	80	QFMA	, , , ,	10
1-2	258		-							
	259						200			
}	260						2/2	- 2601		
-	261							(ML) S:1+, 100% s:1+, 10	ow to medium plasticity,	5Y 5/3
	262							dense		Olyma
	263									Olive
	264									
	265									
1/4	266							***	• "	**
@0752	267							-267 (SM) S: Hy Sand, 65% s	fand, Subtainled, well sorted,	54 5/3
	269							-268.81 35% Silt, low pl	lesticity, QM	olive
	270									

	G	E	2	SC	CIE	NO	CE		Project: RBF/MPWSP Monitoring Well Project No.: 13027-14	LOG OF BOR	3000
	Location	Cer	K	/M	W- 4	10			Date(s) 19/16 Friday	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground 3 Elevation	Surfac		<del>y                                    </del>					Logged by 5. Solder	Drill Rig Type Prosone 600T	Plunge (Degrees) Vert
	Horizont Datum	al/Vert	tical						Reviewed by	Borehole 1	Total Depth (ft)
	Depth (ft)	Notes	Penetration (Graphic)	Type and No.	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit	Subject	TIAL DRAFT to Revision DESCRIPTION	SOIL COLOR
	- 270 - 271 - 272 - 273 - 274 - 275 - 276								to Subtainled, 5% silt, coarser grains subtai	C soul, medium sorting, Subangula trace subsecretch grevel, QFM unled. Courser 271-272,7'  1, 90% F-C sand, Medium r to subsociated, 5% fine	
0923 -	- 277 - 278 - 279 - 280 - 281					280'-	M6A				Gray
0856 -	- 282 - 283 - 284 - 285 - 286 - 287 - 288 - 289 - 290 - 291								SP-SC) Poorly graded 50% F-C Sand, -287 Medium sorting QFM A, low f	in to Subsounded, 3% fine iny I sand w/clay and stavel, 40% F-C gravel, 10% clay, , subangular to subsounded,	
	- 292 - 293 - 294 - 295 - 296 - 297 - 298 - 299 - 300					-	M6A		-295.1 (SP-SC) foorly graded so Predominantly St. F-C gran Subspansed, n	well to medium sorting; unter, low to medium plasticity and w/clay, 85% Fr C sand, medium grained, 10% clay, el, well sorted, subengular to one to low plasticity, RFMA, tyst fine sand, subangular, low	2.5-1 5/2 grayish Brown 2,546/3 Light Yellavish

	G	E	OS	CIE	N	CE		Project: RBF/MPWSP	LOG OF BOR	IING
	length and the					·		Monitoring Well Project No.: 13027-14	SHEET 11 C	)F 12
	Location	Ler	ex.	/MW.	-40			Date(s) Drilled 1/9/15 Friday	Drilling Contractor Cascade Drilling	Bearing (Azimuth)
	Ground Elevatio		2		•			Logged J. Sobolen	Type Prosonic 600T	Plunge (Degrees) Vert
	Horizont Datum	tal/Verti	ical					Reviewed by	Borehole Diameter (in) 8"50/6"cone	Total Depth (ft)
	Depth (ft)	Notes	Penetration (Graphic)	ber	Penetration (in)	Recovery (in)	Geologic Unit	Subject	TIAL DRAFT to Revision DESCRIPTION	SOIL COLOR
	300						5. 86	(SP-5) Poorly graded Sand W/	(Clay and grave), 75%. F.C. Sand,	SY 6/3
	- 301					8	0/	-300.9' Subsonded, low plast	F-C gravel 15%, Subangular to scits, AFMA, Well rounded siltsta lastone.	54.6/3 Pall DI:UR
	- 302								and the same of th	7,50
	- 303							well sorted, sabang	95% F-C sand, 5% Clay, when to Subjounded, QFMA,	Pale DIVE
	304							trace gravel		
	- 305						111		d, 95% F-C sand, 5% c lay,	5 Y 6/33
	- 306				306	MGA		trace gravel	engular to Subjourded, QFMA	Pale Olive
1129	307				307'		1,1	-307'	1 25/6 4 4 1 5/4	2,54 6/3
	308							Well sorted sand	1, 95-1 For Sand, 5% clay	1 1 3 1 1 1 1 1 1 1
	- 309							trace gravel	Service of the servic	Blown
	310									
	311	s.				MGA	*!!	-312.9' (SP) footly staded sund, well sorted, suber high mica conten	, 95% F-C Sand, 5% clay	104R 4/2
	- 312				312	X		high mica conten	it	brown
	- 313 - 314				313				854. F.C Sand, 10% F.C	54 6/3
	- 315						<u>,</u> ,	gravel, 5% clay	, medium sorting, subarquiar	, Pale
	316							DFMA, Large. Muditones,	subrounded siltstanes and	Olive
1156	317						11	-317'		
,	318						00	SP Paorly graded sand	w/gravel, 85% F-C sand,	54 6/3
	319				319'	MGA	0		, trace silt, median sorting	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	320				3201	X	10	Sabangular to seb	courded, AFMA	Olive
	- 321						. 0			
	322						01.	-222 1/	40.4	
	323						000	-322.1'(L) Gravely Lenn Cla gravel, 10% F-C	- Send, Subangular, median	546/4
	- 324						00	Plesticity, QF,	M	Pale Olive
	325	5		10	2		20	-324.81		
	326							CH) Fat Clay, 100; Plesticity, thin	le clay medium to high rousty laminations, trace	54 5/3
	327				327	M6A	//	-327167 Mica		Olive
	328				326	X			15%. fine sand, well sorted, unfel, none to 1 our plesticity, the microcontent and decker	54.5/2 Olive Gray
	329							. // 🖃 / -		
1	330							Fatchy, 100% clay, 1	nealam plasticity	Pale Olive

G	E	OS	CIE	N	CE	-	Project: RBF/MI		LOG (	OF BOR	ING
							Monito Project No.: 130	oring Well 27-14	SHE	ET 12 C	F12_
			MW-	40			Date(s) Drilled / 9/15	Friday	Drilling Contractor Cascade I	Drilling	Bearing (Azimuth)
Ground Elevatio	n (ft)	320			(*)		by J. Solu		Drill Rig Type Prosonic 600	T	Plunge (Degrees) Vert
Horizont Datum	al/Vert	ical					Reviewed by		Borehole	Core	Total Depth (ft)
		-	mple Info	rmati	on		C	ONFIDEN	TIAL DRAFT		
		Penetration (Graphic) Type and No.	6 in.	n (in)	(in)	Juit		Subject	to Revision		
h (ft)	co.	Penetration (Graph Type and No.	Blows per 6 in.	Penetration (in)	Recovery (in)	Geologic Unit		WATERIAL	DESCRIPTION		SOIL COLOR
Depth (ft)	Notes	Penetr Type	Blow	Pene	Reco	Geol	¥				
┌ 330	1 12	П					-330.1'SP-5M	Poorly & lede	d sand v/s:1+, a	of fine	545/2
331								Sand, 10% 5	id sand u/s:1+, all ist, well solted, a. if and Quartz	MA, high	Olive Gray
- 332	20					14 6	-332' Total (	mica conteni	f and wurter		
- 333							. (0.32-(-)	PEPIN			
- 334 - 335							8				
- 336											
337							10				
338											
- 339											
340											10
- 341											
- 342						()					
343											
344											
- 345											
346											
347									9 6		
348											20
350											
- 351											(i)
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- 354											
355											a ·
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359											
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