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COBBLESTONE DEVELOPMENT GREELEY, COLORADO										
PROJECT NO: 1192008		LOG OF BORING B-1 (PIEZOMETER0 SHEET 1 OF 1				DATE: JANUARY 2019				
RIG TYPE: CME55						WATER DEPTH				
FOREMAN: DG		START DATE		1/28/2019		WHILE DRILLING		None		
AUGER TYPE: 4" CFA		FINISH DATE		1/28/2019		AFTER DRILLING		N/A		
SPT HAMMER: AUTOMATIC		SURFACE ELEV		N/A		2/4/2019		22'		
SOIL DESCRIPTION		D	N	QU	MC	DD	A-LIMITS		-200	SWELL
		TYPE (FEET)	(BLOWS/FT)	(PSF)	(%)	(PCF)	LL	PI	(%)	PRESSURE % @ 500 PSF
SPARSE / NO VEGETATION		1								
CLAYEY SAND (SC)		2								
brown		3								
medium dense		4								
with calcareous deposits		5	24	9000+	9.0	104.8				1300 psf 0.7%
		6								
		7								
		8								
		9								
		10	12	3000	11.4					
		11								
		12								
		13								
		14								
		15	26	9000+	22.3	105.0				
CLAYSTONE		16								
grey / brown / rust		17								
highly weathered		18								
		19								
		20	50	3000	19.4					
		21								
		22								
		23								
		24								
SILTSTONE / SANDSTONE		25	50/6"	5500	18.9	108.5	24	NP	19.2	
grey / brown / rust										
BOTTOM OF BORING DEPTH 25.0'										



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COBBLESTONE DEVELOPMENT									
GREELEY, COLORADO									
PROJECT NO: 1192008		LOG OF BORING B-3 (PIEZOMETER)				DATE: JANUARY 2019			
RIG TYPE: CME55		SHEET 1 OF 1				WATER DEPTH			
FOREMAN: DG		START DATE		1/28/2019		WHILE DRILLING		None	
AUGER TYPE: 4" CFA		FINISH DATE		1/28/2019		AFTER DRILLING		N/A	
SPT HAMMER: AUTOMATIC		SURFACE ELEV		N/A		2/4/2019		17'	
SOIL DESCRIPTION		D	N	QU	MC	DD	A-LIMITS	-200	SWELL
	TYPE	(FEET)	(BLOWS/FT)	(PSF)	(%)	(PCF)	LL	PI	% @ 500 PSF
SPARSE / NO VEGETATION		--							
		1							
CLAYEY SAND (SC) brown / rust medium dense		--							
		2							
		CS	25	9000+	8.1	104.4			
		--							
		4							
		SS	26	9000+	7.1				
CLAYSTONE brown / grey / rust with calcareous deposits		--							
		6							
		--							
		7							
		--							
		8							
		--							
		9							
		CS	37	9000+	16.0	117.1			5000 psf 3.3%
		--							
		11							
		--							
		12							
		--							
		13							
		--							
		14							
		SS	50	5500	20.1				
		--							
		16							
		--							
		17							
		--							
		18							
		--							
		19							
		CS	38	9000+	28.2	94.2			
		--							
		21							
		--							
		22							
		--							
		23							
		--							
		24							
SILTSTONE / SANDSTONE brown / grey / rust, poorly cemented		SS	50/7.5"	--	21.1				
BOTTOM OF BORING DEPTH 25.5'		--							



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COBBLESTONE DEVELOPMENT GREELEY, COLORADO										
PROJECT NO: 1192008		LOG OF BORING B-6 (PIEZOMETER) SHEET 1 OF 1				DATE: JANUARY 2019				
RIG TYPE: CME55						WATER DEPTH				
FOREMAN: DG		START DATE		1/28/2019		WHILE DRILLING		14'		
AUGER TYPE: 4" CFA		FINISH DATE		1/28/2019		AFTER DRILLING		N/A		
SPT HAMMER: AUTOMATIC		SURFACE ELEV		N/A		2/4/2019		14'		
SOIL DESCRIPTION	TYPE	D (FEET)	N (BLOWS/FT)	QU (PSF)	MC (%)	DD (PCF)	A-LIMITS		-200 (%)	SWELL
							LL	PI		PRESSURE % @ 500 PSF
CLAYEY SAND (SC) / SANDY LEAN CLAY (CL) brown / rust medium dense / very stiff with calcareous deposits	CS	1								
		2								
		3	23	9000+	10.8	114.2				2600 psf 4.0%
		4								
		5	21	9000+	8.5					
CLAYSTONE brown / grey / rust highly weathered with calcareous deposits	SS	6								
		7								
		8								
		9								
		10	50	9000+	8.5	111.4				
SILTSTONE / SANDSTONE brown / rust poorly cemented	SS	11								
		12								
		13								
		14								
		15	50/13"	--	31.3					
BOTTOM OF BORING DEPTH 20.0'	CS	16								
		17								
		18								
		19								
		20	50/6"	--	29.2	90.5				
		21								
		22								
		23								
		24								
		25								



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COBBLESTONE DEVELOPMENT GREELEY, COLORADO											
PROJECT NO: 1192008		LOG OF BORING B-7 (PIEZOMETER) SHEET 1 OF 1				DATE: JANUARY 2019					
RIG TYPE: CME55						WATER DEPTH					
FOREMAN: DG		START DATE		1/28/2019		WHILE DRILLING			13'		
AUGER TYPE: 4" CFA		FINISH DATE		1/28/2019		AFTER DRILLING			N/A		
SPT HAMMER: AUTOMATIC		SURFACE ELEV		N/A		2/4/2019			10.4'		
SOIL DESCRIPTION		D (FEET)	N (BLOWS/FT)	QU (PSF)	MC (%)	DD (PCF)	A-LIMITS		-200 (%)	SWELL	
TYPE							LL	PI		PRESSURE	% @ 500 PSF
SPARSE VEGETATION		1									
CLAYEY SAND (SC) brown / rust loose to medium dense		2									
		3									
		4									
CS		5	6	4500	18.3	100.8				<500 psf	None
		6									
		7									
		8									
		9									
SS		10	10	3500	19.8						
		11									
		12									
CLAYSTONE brown / grey / rust moderately hard		13									
		14									
CS		15	50/11"	2000	24.5	102.6					
		16									
		17									
		18									
		19									
SS		20	50	3000	23.9						
		21									
		22									
		23									
		24									
CS		25	50/6"	5000	21.0	105.4					
BOTTOM OF BORING DEPTH 25.0'											



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COBBLESTONE DEVELOPMENT GREELEY, COLORADO											
PROJECT NO: 1192008		LOG OF BORING B-11 (PIEZOMETER) SHEET 1 OF 1					DATE: JANUARY 2019				
RIG TYPE: CME55							WATER DEPTH				
FOREMAN: DG		START DATE		1/28/2019		WHILE DRILLING		6'			
AUGER TYPE: 4" CFA		FINISH DATE		1/28/2019		AFTER DRILLING		N/A			
SPT HAMMER: AUTOMATIC		SURFACE ELEV		N/A		2/4/2019		8.4'			
SOIL DESCRIPTION		D	N	QU	MC	DD	A-LIMITS		-200	SWELL	
TYPE		(FEET)	(BLOWS/FT)	(PSF)	(%)	(PCF)	LL	PI	(%)	PRESSURE	% @ 500 PSF
SANDY LEAN CLAY (CL) brown medium stiff		1									
		2									
		3									
		4									
	CS	5	6	2000	20.4	97.2				<500 psf	None
		6									
		7									
		8									
		9									
SILTY SAND / CLAYEY SAND (SM/SC) brown loose	SS	10	4	-	25.2						
		11									
		12									
		13									
		14									
	CS	15	9	-	19.3	109.9					
		16									
		17									
		18									
		19									
with trace gravel	SS	20	9	1000	21.1						
		21									
		22									
		23									
		24									
	SS	25	9	500	18.2						
BOTTOM OF BORING DEPTH 25.5'											