

# Hole #1

N 62° 17.698'  
W 137° 12.454'  
EL. 2406 ft.

## DRILLERS FIELD LOG

SHEET No. <u>1</u>	SHEETS THIS HOLE <u>4</u>	ABBREVIATIONS							
LINE No. <u>1</u>	HOLE No. <u>1</u>	Color	NO ASSEY.	R	ROCK	FL	FROZEN	L	LOOSE
DATE START <u>7/13</u>	DATE FINISH <u>7/16</u>	O	OVERBURDEN	W	WATER	CA	CEMENTED	F	FINE
		G	GRAVEL	IC	ICE	SI	STICKY	ME	MEDIUM
		B	BOULDER	MU	MUD	T	TRACE	C	COARSE
		S	SAND	SO	SOIL	VS	SOME	LT	LIGHT
		CL	CLAY	DR	DRAWN	V	VERY	DL	DAKE

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AREA	Pump CORE FOR DRIVE	Drill to Bit or Brush Cord	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION		
	PIPE		PUMPING		DRIVE								Run#	Run#	1				2	3
	Feet	Inches	Feet	Inches	Feet	Inches														
Note: Hole Start 10' Below gradient elevation and casing set in Hoe dug hole																				
15' Below that level - casing drove to 22' w/ no sampling -																				
9:30 AM	22	-	18	-	-	48	4	-	3						Dr.Br	Glacial till 3/8-1/2 broke Gravel				
	23		21	8		12	16	3	2	3					Dr.Br	" " "				
+5' case	24		22	6		12	18	2	3	1					Dr.Br	" " "				
	25		24	2		12	10	2	2	1					Dr.Br	" " "				
	26		24	8		12	16	3	3	3					Dr.Br	" " "				
	27		26	-		12	12	3	2	3					Dr.Br	" " "				
	28		27	4		12	8		5	4					Dr.Br	larger cobbles - more H <sub>2</sub> O				
+5' case	29		28	2		12	10	2	3	3					Dr.Br	" " static 22'				
12:39 PM	30		29	2		12	10	1	2						Dr.Br	Baseball size cobbles + fines				
Clean tub	31		30	1		12	"	-	2						Dr.Br	" " "				
	32		30	10		12	14	-	2						Dr.Br	" " "				
	33		31	6		12	18	1	2						Dr.Br	" " "				
+5' case	34		32	6		12	18	2	3	1					Dr.Br	" " "				
2:50 PM	35		34			12	12	3	2						Dr.Br	" " "				
	36		34	8		12	16	2	3						Dr.Br	" " "				
	37		35	6		12	18	4	5	2					Dr.Br	large Rock + Cobbles - pump H <sub>2</sub> O				
3:47 PM	38		37			12	12	2	6	3					Dr.Br	" " " losing H <sub>2</sub> O - Ad.				
+5' case	39		38	3		12	9	-	4	3					Dr.Br	" " "				

Clean tub → 4 Red Buckets

# DRILLERS FIELD LOG

SHEET No. 2 SHEETS THIS HOLE 4  
 LINE No. 1 HOLE No. 1  
 DATE START 7/13 DATE FINISH 7/16

ABBREVIATIONS

ROCK	ROCK	PROBLEM	LOOSE
W. WATER	CA. CEMENTED	CA. CEMENTED	F. FINE
ICE	SL. SLUGGY	SL. SLUGGY	M4. MEDIUM
MUD	TR. TRACE	TR. TRACE	C. COARSE
SOIL	SOME	SOME	L. LIGHT
FRAMED	VERY	VERY	DL. DARK

TIME OF PUMPING	PIPE		DEPTH OF		PLUG AFTER PUMPING	DRILLED AHEAD	CORE FOR DRIVE	PUMP	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SUDGE	FORMATION
	Feet	Inches	Feet	Inches						1	2	3			
7/14 10:10 AM	40		38	6	2		3						Dr Br	Large Rock (Cobble/gravel) - H <sub>2</sub> O Back	
	41		39	6	-		2						Dr Br	" "	
	42		40	4	1		2						Dr Br	Gravels/grading finer	
	43		42		-		2						Dr Br	" "	
	44		43	4	-		3						Dr Br	" "	
	45		43	6	1		3						Dr Br	" "	
	46		44	4	6		3						Dr Br	" "	
	47		45	8	-		4						Dr Br	" "	
	48		47		6		3						Dr Br	Mostly Sand	
	49		48		24		4						Dr Br	" "	
	50		47		36		2						Dr Br	" "	
	51		47	8	-		30+						Dr Br	" "	
	52		50	4	12		5						Dr Br	" "	
	53		51	6	-		1						Dr Br	" "	
	54		53		4		6						Dr Br	" "	
	55		53	4	-		5						Dr Br	" "	
	56		53	4	-		3						Dr Br	Very Silty - turning very dark	
	57		55	4	6		1						BL	" "	
	58		57		-		2						BL	" "	
	59		58	2	-		1						Dr Br	More gravel & H <sub>2</sub> O back to 22'	

cream tub - 5 white Buckets

# DRILLERS FIELD LOG

SHEET No. 3 SHEETS THIS HOLE 4  
 LINE No. 7 HOLE No. I  
 DATE START 7/13 DATE FINISH 7/16

ABBREVIATIONS

L	ROCK	F	FROZEN	Ca	COLOR	L	LOOSE
W	WATER	H	CEMENTED	St	OR	F	FINE
Ice	ICE	Tr	STICKY	Y	SLUDGE	M	MEDIUM
Mud	MUD	Tr	TRACE			C	COARSE
Soil	SOIL	Y	SOME			Lt	LIGHT
Placed	PLACED		VERY			DL	DATE

TIME OF PUMPING	DEPTH OF		CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	CORE DRIVE FOR PUMP	VOLUME Measured by BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING						DRIVE	1	2			
9:45 AM	60	59	12	-	inches	2	200					Dr Br	little gravel - mostly silt
	61	59	12	-	inches	4	200					BL	Sticky material very fine silt
	62	60	12	2	inches	2	200					BL	" "
	63	61	12	2	inches	3	200					BL	Almost clay
	64	62	12	2	inches	4	200					BL	Silt + Broken Rock
	65	63	12	-	inches	3	200					BL	Silt + Big Rock Boulder?
	66	64	12	4	inches	3	200					BL	" "
	67	65	12	6	inches	4	200					BL	Broke Pink granite + silt
	68	65	12	4	inches	10+	200					BL	Starting to see organic material - free fibers
	69	67	12	4	inches	4	200					BL	" "
	70	68	12	6	inches	4	200					BL	" "
	71	69	12	2	inches	4	200					BL	Black Muck
	72	70	12	-	inches	10+	200					BL	Organics + muck
	73	71	12	5	inches	3	200					BL	" "
	74	72	12	2	inches	5	200					BL	" "
	75	?	12	-	inches	3	?					BL	Drill not reaching bottom of casing - determine casing bent

retaining walls  
12:35 PM

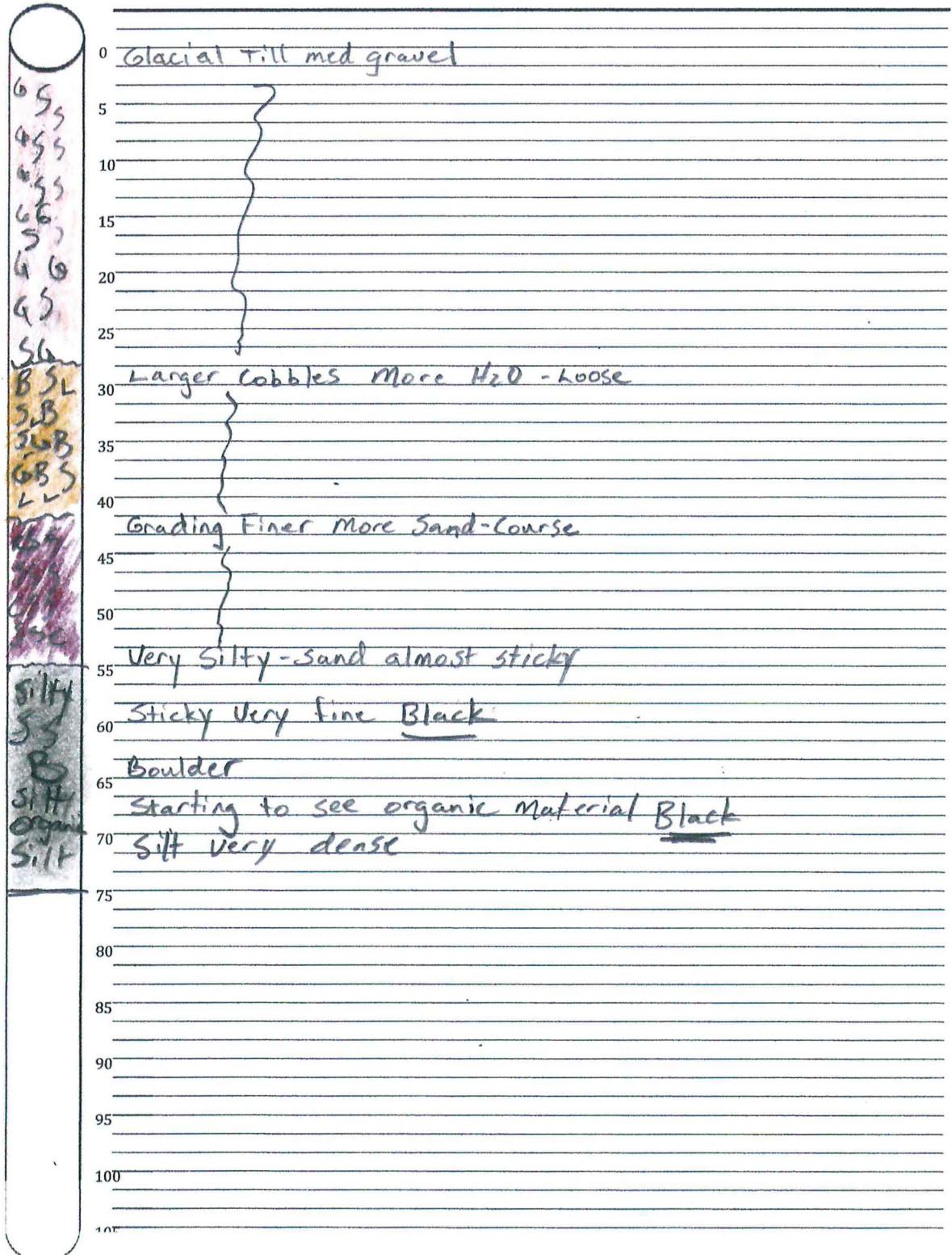
retaining walls  
4:12 PM

7/16 7:53 AM  
+5' case

of Bottom - Abandon hole  
Pull casing cut in 5' sections

SHEET No 4 SHEETS THIS HOLE 4  
 LINE No 1 HOLE No 1  
 DATE START 7/13 DATE FINISH 7/16

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole #2  
 N 62° 17.494'  
 W 137° 12.087'  
 EL 2436 ft.

# DRILLERS FIELD LOG

SHEET No. I SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 2  
 DATE START 7/17 DATE FINISH 7/22

## ABBREVIATIONS

Color	NO ABBREV.	R	ROCK	FL	FROZEN	L	LOOSE
OO	OVERBURDEN	W	WATER	CA	CEMENTED	F	FINE
G	GRAVEL	IC	ICE	SL	STICKY	M	MEDIUM
B	BOULDER	M	MUD	T	TRACE	C	COARSE
L	LAND	S	SOIL	V	SOME	LI	LIGHT
CL	CLAY	CH	CHAWED	Y	VERY	DL	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump CORE FOR DRIVE Run X	Drill to crush or stir Run X	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
1:12PM	Drill site level + overburd removed									2	1						10'-casing installed to 20'	
	21		20		12	12	2		2						Br	Sand + Gravel mix		
	22		20	8	12	16	1		3						Br	"		
	23		21	4	12	20	1		2	2					Br	"		
can tub or pale + 5' case 3:43PM	24		22	4	12	20	12		5	1					Br	" water Rush-gain core		
	25		23	4	12	20	6		2	2					BR	"		
	26		23	9	12	15	2		3						BR	"		
	27		24	10	12	24	6		4	2					Br	"		
can tub wh/pales + 5' case 7/18 7:57AM	28		25		12	36	6		3						Br	" water level problems		
	29		26	6	12	30	3		4						Br	"		
	30		29		12	12	-		3						Br	"		
	31		29	9	12	15	-		4						Br	"		
	32		30	7	12	17	-		3	2					Br	"		
can tub wh/pales + 5' case	33		31	4	12	20	-		3						Br	"		
	34		32	8	12	16	-		2						Br	very loose		
	35		33	6	12	18	1		4						Br	"		
	36		34		12	24	-		3	2					Br	larger Gravel		
	37		35	6	12	18	4		6						Br	"		
can tub wh/pales + 5' case	38		35		12	36	-		7						Br	"		
	39		37	8	12	16	5		4	1					Br	"		

# DRILLERS FIELD LOG

ABBREVIATIONS

SHEET No. <u>2</u>	SHEETS THIS HOLE <u>5</u>	ROCK	FROZEN	L	LOOSE
LINE No. <u>2</u>	HOLE No. <u>2</u>	W. ICE	CEMENTED	F	FINE
DATE START <u>7/17</u>	DATE FINISH <u>7/22</u>	ICE MUD	STICKY	M	MEDIUM
		SOIL	TRACE	C	COARSE
		SHALED	SOME	L	LIGHT
			VERY	D	DATE

TIME OF PUMPING	PIPE		DEPTH OF PUMPING		DRIVE	CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	CORE DRIVE FOR PUMP	Pump #	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	Feet	Inches	Feet	Inches								1	2	3			
<u>2:02PM</u>	<u>40</u>		<u>38</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>2</u>	<u>5</u>	<u>5</u>						<u>Br</u>	<u>Larger Sand &amp; gravel-cours</u>	
	<u>41</u>		<u>39</u>		<u>12</u>	<u>24</u>	<u>3</u>	<u>4</u>	<u>4</u>						<u>Br</u>	<u>"</u>	
	<u>42</u>		<u>41</u>		<u>12</u>	<u>12</u>	<u>4</u>	<u>2</u>	<u>2</u>						<u>Br</u>	<u>"</u>	
	<u>43</u>		<u>41</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>3</u>	<u>4</u>	<u>4</u>	<u>2</u>					<u>Br</u>	<u>"</u>	
	<u>44</u>		<u>42</u>	<u>6</u>	<u>12</u>	<u>18</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>45</u>		<u>44</u>		<u>12</u>	<u>12</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>					<u>BR</u>	<u>"</u>	
<u>7:19 7:30AM</u>	<u>46</u>		<u>44</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>1</u>	<u>6</u>	<u>5</u>						<u>BR</u>	<u>"</u>	
	<u>47</u>		<u>44</u>	<u>10</u>	<u>12</u>	<u>26</u>	<u>1</u>	<u>5</u>	<u>4</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>48</u>		<u>46</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>2</u>	<u>4</u>	<u>4</u>						<u>BR</u>	<u>Root very angular</u>	
	<u>49</u>		<u>47</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>1</u>	<u>3</u>	<u>3</u>						<u>BR</u>	<u>"</u>	
	<u>50</u>		<u>48</u>	<u>6</u>	<u>12</u>	<u>18</u>	<u>1</u>	<u>2</u>	<u>2</u>						<u>BR</u>	<u>"</u>	
	<u>51</u>		<u>49</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>2</u>	<u>2</u>	<u>2</u>						<u>BR</u>	<u>"</u>	
	<u>52</u>		<u>50</u>	<u>4</u>	<u>12</u>	<u>18</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>1</u>					<u>BR</u>	<u>Large Rock - cobbles</u>	
	<u>53</u>		<u>51</u>	<u>4</u>	<u>12</u>	<u>18</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>54</u>		<u>52</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>55</u>		<u>54</u>		<u>12</u>	<u>12</u>	<u>1</u>	<u>3</u>	<u>3</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>56</u>		<u>54</u>	<u>6</u>	<u>12</u>	<u>18</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>1</u>					<u>BR</u>	<u>"</u>	
	<u>57</u>		<u>55</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>1</u>	<u>5</u>	<u>5</u>						<u>BR</u>	<u>"</u>	
	<u>58</u>		<u>56</u>	<u>6</u>	<u>12</u>	<u>18</u>	<u>1</u>	<u>6</u>	<u>6</u>	<u>3</u>					<u>BR</u>	<u>"</u>	
	<u>59</u>		<u>57</u>	<u>9</u>	<u>12</u>	<u>15</u>	<u>1</u>	<u>3</u>	<u>3</u>	<u>1</u>					<u>BR</u>	<u>"</u>	

can tub  
 or pump + 5 case  
 7/19 7:30AM  
 can tub  
 or pump + 5 case  
 7/19 7:30AM  
 can tub  
 or pump + 5 case  
 can tub  
 or pump + 5 case

# DRILLERS FIELD LOG

SHEET No	3	SHEETS THIS HOLE	5	ABBREVIATIONS											
LINE No.	2	HOLE No.	2	NO ABBREV.	ROCK	FZ	FROZEN	L	LOOSE						
DATE START	7/17	DATE FINISH	7/22	OVERBURDEN	WATER	CA	CEMENTED	F	FINE						
				GRAVEL	ICE	SI	SLICKY	MD	MEDIUM						
				BOULDER	MUD	T	TRACE	C	COARSE						
				SAND	SOIL	S	SOME	L	LIGHT						
				CLAY	CHAWED	V	VERY	DL	DARK						

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump CORE FOR DRIVE	Drill to stir or crush	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
3:02PM	60		58	6		12	18	-		3							Rusty BR / Large Rock + coarse gravel	
	61		59	6		12	18	3		2							RBr / " " "	
	62		60			12	24	2		3	2						RBr / " " "	
	63		61	6		12	18	-		4	1						RBr / Some Sandier	
can tub w/ pails + 5' case 120 7:50AM	64		62	8		12	16	2		4	1						RBr / " " "	
	65		64			12	12	-		3							R.Br / " " "	
	66		64	4		12	20	2		4	2						Br / Drove hard turned brown	
	67		65			12	24	3		3	1						Br / " " "	
lean tub + 5' case 10:41AM	68	6	67			12	12	-		2	1						Br / Drill spongie	
	68	6	67	6		6	12	3		4	1						Br / Hard drive material very tight	
	70		68	8		18	18	1		5							Br / Course Sand & gravel looser	
	71		69	8		12	16	-6	3	4	1						Br / " " "	
lean tub + 5' case	72		70	8		12	16	2		5							Br / " " "	
	73	6	71	2		12	16	-		5	1						Rusty BR / Noticable Rusty Color - large R	
	75		73			18	24	1		3							RBr / " " "	
	76		74	4		12	20	-		3							RBR / " " "	
	77		75			12	24	-24	24	4	1						Bl / Drill advanced slow material very stiff & stable did not stuff	
lean tub + 5' case	78	8	78	8		20	-	-16	16								Bl / Sticky balls & sand - Grus	
	79		79	4		4	-	-4	4	1	1						milky / Sticky & Broken Rock	
	79	4	79	4		4	-	-4	4	2	1						milky Bl / Assorted Sand & gravel some Broken Black & white granite	

# DRILLERS FIELD LOG

SHEET No. 4 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 2  
 DATE START 7/17 DATE FINISH 7/22

ABBREVIATIONS

ROCK	ICE	ROCK	FROZEN	FL	LOOSE
W. ICE	WATER	CA.	CEMENTED	SH.	F. FINE
ICE	ICE	SL.	SILT	TR.	MG. MEDIUM
MUD	MUD	SA.	TRACE	LT.	C. COARSE
SOIL	SOIL	Y.	SOME	VL.	LT. LIGHT
PAVED	PAVED		VERY	DL.	DL. DARK

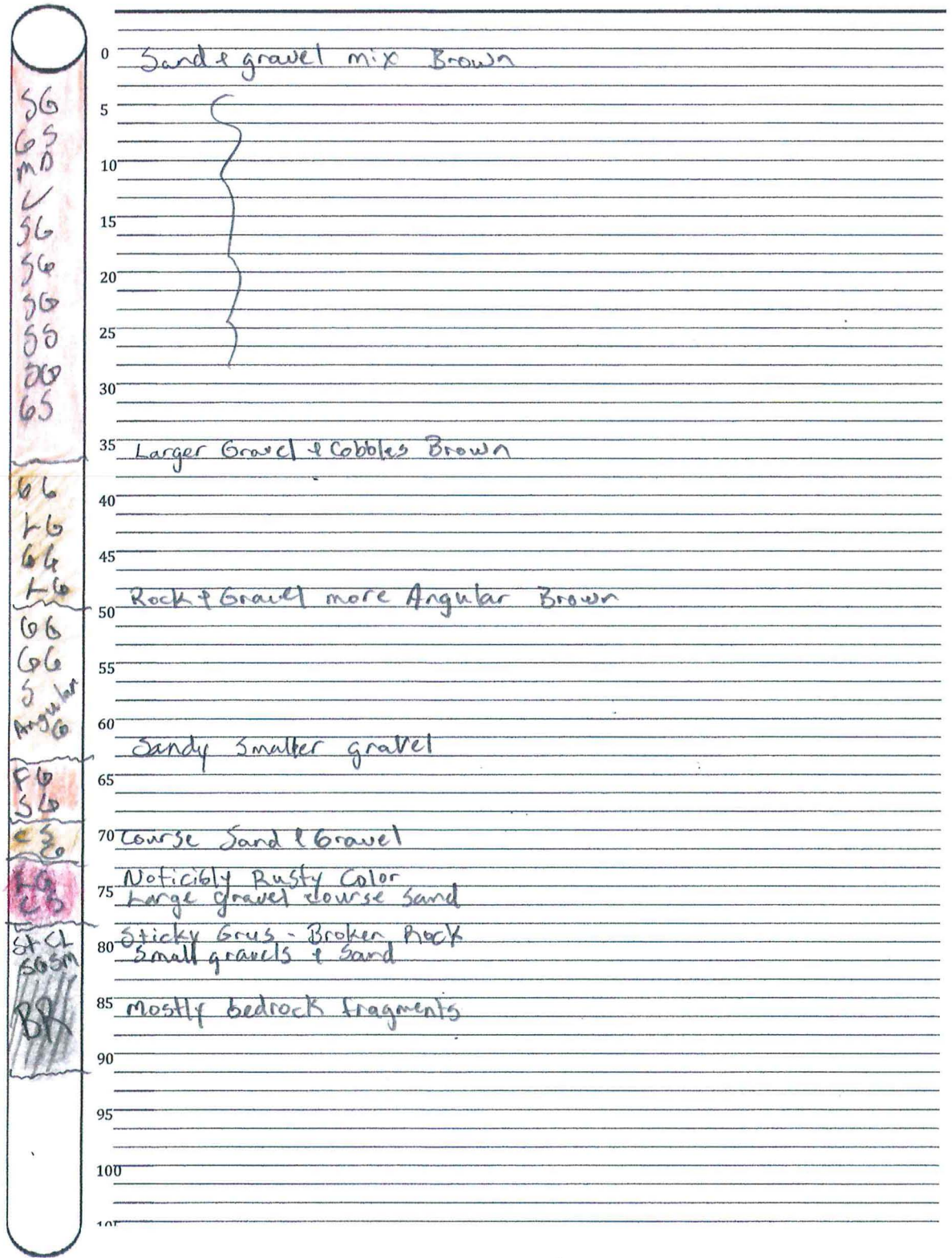
TIME OF PUMPING	DEPTH OF			CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	CORE FOR DRIVE	PUMP	Puff	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SUDGE	FORMATION
	PIPE	PUMPING	DRIVE								1	2	3			
	Feet	Feet	Feet	Inches	Inches	Inches										
clean tub	79	8	78	10	4	10	1	1						milky grey	Gravel + Broken Rock	
7:29 AM	79	10 1/2	79	4 1/2	2 1/2	6	1	1						"	Broken Rock + small round gravel	
	80	3	79	5	4 1/2	10	1	1						"	"	
	80	11	80	5	8	4	2	1						"	"	
	81	2	80	8	3	4	1	1						"	"	
	81	6	81	2	4	4	2	1						"	"	
	81	10	81	6	4	4	2	1						"	"	
	82	1	81	11	3	3	2	2						"	Add cobble to drill to straighten hole	
	82	5	81	11	4	4	2	2						"	"	
	83		82	2	7	10	2	2						"	"	
clean tub	84		82	6	12	18	2	1						less milky	Mostly smaller broken fragments	
clean tub	85		83	4	12	18	5	2						"	Round gravel + sand small	
clean tub	86		84	6	12	18	2	2						"	"	
	87		85	6	12	24	3	3						"	"	
	87	7	86	7	7	12	3	1						"	Boulder? Advance stopped	
	87	9	87	5	2	4	2	1						"	Bl/wh/Pink granite fragments	
	87	10	87	8	1	2	1	1						"	"	
	88		88		2	-	1	1						"	w/some small gravels	
	88	1 1/2	88	3	1 1/2	-	1	1						"	"	
clean tub 7:57 AM							1	1						"	Determined bedrock drill advanced progressively slower	

92'

7:22

SHEET No 5 SHEETS THIS HOLE 5  
LINE No 2 HOLE No 2  
DATE START 7/17 DATE FINISH 7/22

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole # 3  
 N 62° 17, 498'  
 W 137° 12, 070'  
 SL 2435 ft.

# DRILLERS FIELD LOG

SHEET No. **1** SHEETS THIS HOLE **5**  
 LINE No. **2** HOLE No. **3**  
 DATE START **7/22** DATE FINISH **7/28**

ABBREVIATIONS

1. NO. ALIEN	1. ROCK	1. GRAVEL	1. LOOSE
2. OVERBURDEN	2. WATER	2. SAND	2. MUD
3. GRAVEL	3. ICE	3. SAND	3. MUD
4. Boulders	4. SOIL	4. SAND	4. MUD
5. SAND	5. SOIL	5. SAND	5. MUD
6. CLAY	6. MUD	6. SAND	6. MUD

TIME OF PUMPING	DEPTH OF			CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	CORE FOR DRIVE	Drill to crush size	VOLUME Measured by BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE							1	2	3			
7/22 3:15 PM + 5' case	19'	15'	4'	48"	-		10	4						BZ	Sand & Gravel course
7/23 7:25 AM Clear job 19' 21' + 5' case 9:50 AM	20	18		24	-		6	4						"	"
	21	19		18	-		4	4						"	"
	22	20		20	-		5	3						"	Large gravel/cobbles
	23	21		18	-		4	1						"	"
	24	21		16	-		3	1						"	"
	25	24		12	-		4	2						"	Loose gravel - coarse sand
	26	24		16	-		3	1						"	"
	27	25		4	-		2	1						"	"
	28	25		6	-		3	1						"	"
	29	27		6	-		3	1						"	"
	30	28		6	-		3	1						"	Mostly Golf & Baseball size
	31	29		2	-		4	1						"	"
	32	30		6	-		3	1						"	"
	33	31		6	-		3	1						"	"
	34	32		4	-		3	1						"	"
	35	33		4	-		4	1						"	Mostly Sand - drove hard
	36	34			-		4	1						"	Sand & Angular rocks
	37	35		4	-		3	1						"	larger Angular rocks
	38	36		8	-		4	1						"	Very large Rock

Clear job  
 24' 34' + 5' case  
 25:2 PM

Clear job  
 24' 34' + 5' case  
 12:01 PM

Clear job  
 24' 34' + 5' case  
 9:50 AM

# DRILLERS FIELD LOG

SHEET No. <b>2</b>	SHEETS THIS HOLE <b>5</b>	ABBREVIATIONS					
LINE No. <b>2</b>	HOLE No. <b>3</b>	NO. ABBEV.	ROCK	F.L.	FROZEN	L.	LOOSE
DATE START <b>7/22</b>	DATE FINISH <b>7/28</b>	0.	WATER	C.	CEMENTED	F.	FINE
		1.	ICE	S.	STICKY	M.	MEDIUM
		2.	MUD	T.	TRACE	C.	COARSE
		3.	SOIL	S.	SOME	L.	LIGHT
		4.	THAWED	Y.	VERY	DL.	DAKE
		5.					
		6.					
		7.					
		8.					
		9.					
		10.					

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump CORE FOR DRIVE	Drill to Crush or Stir	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION					
	PIPE		PUMPING		DRIVE								Inches	Inches	Inches				RunX	RunX	1	2	3
	Feet	Inches	Feet	Inches	Feet	Inches																	
Clean tub 34 to 39 + 5' case 5:30 PM 7/24	39		38	2	12	10	-		4	2						Br	Large Angular Rock + gravel						
	40		38		12	24	-		5	1						Br	" " " "						
	41		39	4	12	20	2		5	3						"	" " " "						
	42		40	8	12	16	2		3							"	More Sand firm						
Clean tub 39 + 5' case 10:35 AM	43		41	6	12	18	1		3							"	" " " silty						
	44		42		12	24	1		3	1						"	" " " "						
	45		43		12	24	4		5							"	Large gravel + sand						
	46		44		12	24	2		4							"	" " " "						
Clean tube 44-49 + 5' case 12:48 PM	47		45		12	24	2		6							"	" " " "						
	48		46	6	12	18	-		4	1						"	" " " "						
	49		47	8	12	16	-		3							"	" " " "						
	50		48	6	12	18	-		2							"	" " " "						
Clean tub 49-54 + 5' case 3:06 PM	51		49	6	12	18	1		4	1						"	Larger Rock gravel						
	52		50	8	12	16	1		6	2						"	" " " "						
	53		51		12	24	-		4							"	" " " "						
	54		51	6	12	50	-		4							"	" " " "						
		55	8	12	16	-3	3		4	2						"	Material packed sticky clay						
		56	8	12	16	-	2		4	2						RBR	Rusty color - Drive Diff.						
		57		12	12	-			4							"	" " " "						
		58	9	12	15	2			4	2						"	" " " "						

# DRILLERS FIELD LOG

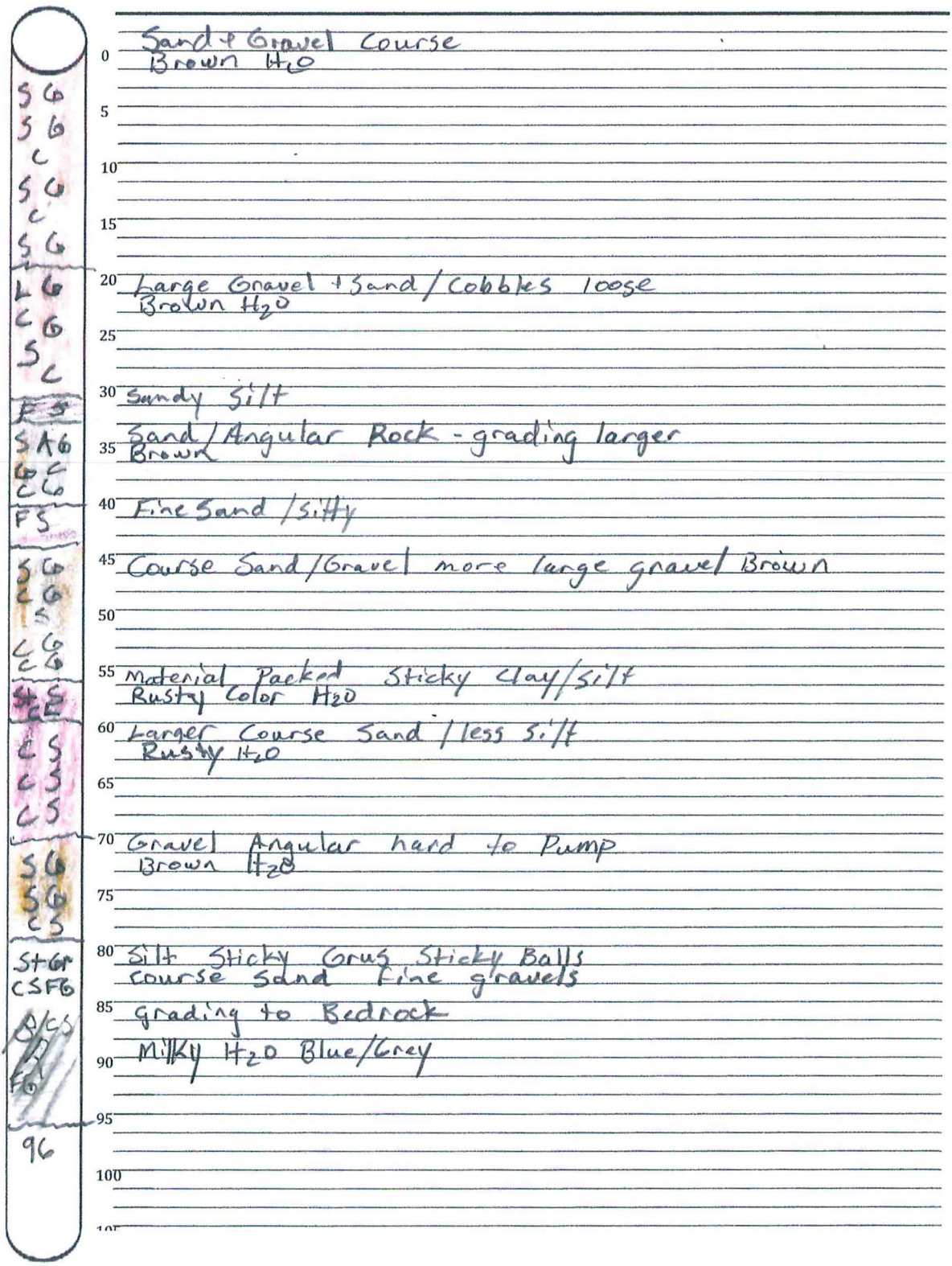
SHEET No. <b>3</b>	SHEETS THIS HOLE <b>5</b>	ABBREVIATIONS			
LINE No. <b>2</b>	HOLE No. <b>3</b>	C. NO ABNEY	R. ROCK	FL. FROZEN	L. LOOSE
DATE START <b>7/22</b>	DATE FINISH <b>7/28</b>	O. OVERBURDEN	W. WATER	FC. CEMENTED	F. FINE
		G. GRAVEL	I. ICE	SH. STICKY	M. MEDIUM
		B. BOULDER	M. MUD	T. TRACE	C. COARSE
		S. SAND	SO. SOIL	SM. SOME	L. LIGHT
		CL. CLAY	F. FLOWED	V. VERY	DL. DARK

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	PUMP CORE FOR DRIVE	Drill to stir on Crush	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE													
	Feet	Inches	Feet	Inches	Feet	Inches							Inches	Inches	Inches			
<i>clean tub 2 1/4-59 + 5' case</i>	59		57		12	24	2			6	1						RBr	More gravel less sticky
<i>7-25 7:49 AM</i>	60		58		12	24	-			5	2						RBr	More sand
	61		59	6	12	18	-			4	2						Br	Tub Brown - finer sand/silt
	62		60	8	12	16	2			4							Br	Mostly silt
	63		61		12	27	-			6	3						Br	Larger sand - looser less silt
<i>clean tub 59-64 + 5' case</i>	64		62		12	24	-			4							Rusty	" " "
<i>10:48 AM</i>	65		63	8	12	16	1			4							"	" " "
	66		63	10	12	26	2			4							"	H2O Rush increase core
	66	10	65	10	16	12	-	4		3	2						"	Large Rock - slowed drive
<i>clean tub 64-69 + 5' case</i>	68		66		14	24	-			4							"	Loose Sand & Gravel
	68	10	65	10	10	36	-			4							"	" " "
	70		68		14	24	1			4	1						Brown	" " "
	71		69	8	12	16	-			5							"	" " "
	72		70	6	12	18	-			5	1						"	Gravel more angular
	73		71	9	12	21	2			10							"	Angular hard to pump
<i>clean tub 69-74 + 5' case</i>	74		72		12	24	3			8							"	" " "
<i>3:32 PM</i>	75		73	6	12	18	-			4	1						"	" " "
<i>clean tub 74-75</i>	76		75		12	12	-			3							"	material smaller
	77		75	6	12	18	2			4							"	" " "
	78		76		12	24	-			3							"	" " "



SHEET No 5 SHEETS THIS HOLE 5  
 LINE No 2 HOLE No 3  
 DATE START 7/22 DATE FINISH 7/28

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole #4  
 N62° 17.500'  
 N137° 12.067'  
 EL 2435 ft.

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 4  
 DATE START 7/29 DATE FINISH 8/3

## ABBREVIATIONS

Color	NO ABNEY.	R	ROCK	FL	FROZEN	L	LOOSE
OO	OVERBURDEN	W	WATER	CR	CEMENTED	F	FINE
G	GRAVEL	Ice	ICE	ST	STICKY	MD	MEDIUM
B	BOULDER	Mud	MUD	T	TRACE	C	COARSE
S	SAND	Soil	SOIL	SW	SOME	LT	LIGHT
CL	CLAY	Th	THAWED	V	VERY	DL	DAKE

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump CORE FOR DRIVE	Drill to SH or Crush	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
7/29 1:15 PM	19				7		-										H <sub>2</sub> O Static 11'	
	20		18	6		12	18	-		4	2						Rusty Angular Sand + Gravel	
	21		19	7		12	17	-		4	4						" " " "	
	22		20	6		12	18	-		2							" " " "	
	23		21	4		12	20	4		3	1						" " " "	
Clean tub 19-24 + case 4:25 PM	24		22	2		12	22	3		2	2						" " " "	
Clutch West 7:30 9:15 AM	25		23	8		12	16	-		3	1						Brown Broke Cobble clean to Bottom	
	26		24	10		12	14	-		3	1						" " " "	
	27		26			12	12	-		3	1						" " " "	
Clean tub 24-29 + case 11:50 AM	28		26	6		12	18	-		3							" " " "	
	29		27	6		12	18	-		3							" " " "	
	30		28	6		12	18	-		3	1						" " " "	
	31		29	6		12	18	-		3	1						" " " "	
	32		30	6		12	18	-		3	1						" " " "	
Clean tub 29-34 + case 2:59 PM	33		31	6		12	18	-		3	1						" " " "	
	34		32	6		12	18	-		3	1						" " " "	
	35		33	8		12	16	-		4							Rusty More angular Rock	
	36		34	8		12	16	2		2	1						" " " "	
	37		35	6		12	18	-		3							" " " "	
	38		36	5		12	19	3		3	2						" " " "	

# DRILLERS FIELD LOG

SHEET No 2 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 4  
 DATE START 7/29 DATE FINISH 8/3

- CASE NO ABREV  
 0 OVERBURDEN  
 1 CLAY  
 2 SAND  
 3 CLAY

- 1 ROCK  
 2 WATER  
 3 ICE  
 4 MUD  
 5 SOIL  
 6 SHALTS

- 7 FROTH  
 8 CHALK  
 9 SLAG  
 10 TRACE  
 11 SOFT  
 12 MET

ABBREVIATIONS

TIME OF PUMPING	PIPE		DEPTH OF PUMPING		DRIVE	CORE RISE		PLUG AFTER PUMPING	DRILLED AHEAD	Pump CORE FOR DRIVE	Drill RunK	VOLUME Measured by BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	Feet	Inches	Feet	Inches		Feet	Inches						1	2	3			
Clean tub 3:39 8:00AM 7/31	39		37	7		17		-		5	1							Angular Sand & Gravel
	40		38	6		18		-		4	1							Rusty Brown Sand + Fine Gravels
	41		39	6		18		-		5	1							Larger Gravel - Pump Fouler
	42		40	4		20		-		6	1							
	43		41	8		16		-		4	1							
+ case 10:10AM	44		42	8		24		10		5	1							Finer sand silty hard Difficult to drill or pump
	45		43	4		20		-		3	1							
	46		44	8		16		2		5	1							H2O denser more gravel
	47		45	8		16		4		10X	4							
	48		46	2		22		3		6	2							
+ case 2:10PM	49		47	8		16		6		6	3							H2O denser more gravel
	50		48	8		24		2		4	3							
	51		49	8		16		1		3	1							
	52		50	6		18		-		4	1							
	53		51	5		19		2		5	2							
Clean tub 4:54 + case 4:42PM	54		52	2		22		-		6	1							H2O denser more gravel
	55		53	4		20		-		3	1							
	56		54	8		14		-		3	1							
	57		55	6		18		-		4	1							
	58		56	8		16		-		4	1							

# DRILLERS FIELD LOG

SHEET No. 3 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 4  
 DATE START 7/29 DATE FINISH 8/3

ABBREVIATIONS									
NO	NO	ABNEY							
O.	OVERBURDEN								
G.	GRAVEL								
B.	BOULDER								
S.	SAND								
C.	CLAY								
R.	ROCK								
W.	WATER								
I.	ICE								
M.	MUD								
S.	SOIL								
F.	FROZEN								
C.	CEMENTED								
S.	STICKY								
T.	TRACE								
S.	SOME								
V.	VERY								
L.	LOOSE								
F.	FINE								
M.	MEDIUM								
C.	COARSE								
L.	LIGHT								
D.	DARK								

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump CORE FOR DRIVE	Drill	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION		
	PIPE		PUMPING		DRIVE								Runs	Runs	1				2	3
	Feet	Inches	Feet	Inches	Feet	Inches														
Clean lub 54-59 + case 9:30 AM	59		57		12	24	-		5	1						Brown	more silty			
	60		58	10	12	14	-		3							Rusty	course sand fine gravels			
	61		59	6	12	18	-		1											
	62		60	5	12	19	1		4	1										
Clean lub 59-64 + case 2:10	63		61		12	24	-		3											
	64		62	6	12	18	-		5	2										
	65		63	8	12	14	1		3							Brown	Large Gravel course sand			
	66		64	4	12	20	1		5	1										
+ case 7:25 PM	67		64	6	12	30	2		4								Lots of H <sub>2</sub> O gravel clean			
	68		65	6	12	30	6		4											
	69		67	6	12	18	4		4	2										
	70		69		12	12	-		4	1										
B/2 clean lub 68-73 9:05 AM	71		69	6	12	18	6		4											
	72		70	6	12	18	-		5	1										
	73		72		12	12	-		3	1							Tan Clay. String - Balls Sand			
Clean lub 73-76 + case	74		73		12	12	-		3	1										
	75		74		12	12	-		2	1							Very Brown - Broken greenish granite			
	76		74	10	12	14	1		3	1										
	77		75	8	12	16	2		2	1										
+ case	78		76	7	12	17	-		2	2										

# DRILLERS FIELD LOG

SHEET No. 4 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 4  
 DATE START 7/29 DATE FINISH 8/3

### ABBREVIATIONS

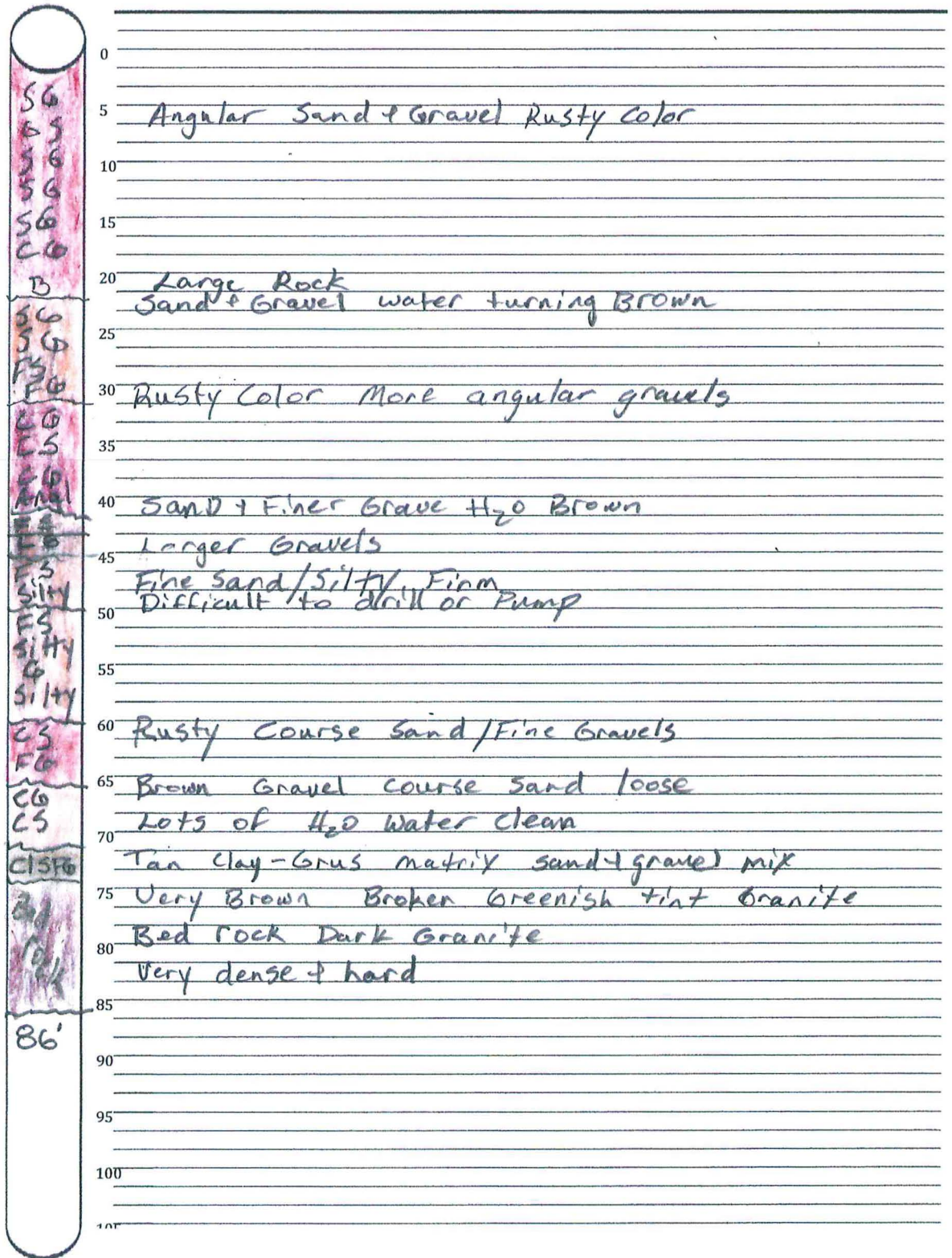
O. OVERBURDEN	R. ROCK	F. FROZEN
G. GRAVEL	W. WATER	C. CEMENTED
B. BOULDER	I. ICE	S. STICKY
L. SAND	M. MUD	T. TRACE
C. CLAY	S. SOIL	S. SOME
	CH. CHAWED	V. VERT
		L. LOOSE
		F. FINE
		MD. MEDIUM
		C. COARSE
		LT. LIGHT
		DL. DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump CORE FOR DRIVE Runs	Drill Runs	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
8/2 11:15 AM	79		77	8		12	16	-		2	2						Brown Broken fragments	
	80		79	4		12	8	-		2	1							
	81		80	4		12	8	-		2	1							
clean tab 7/29-82	81	10	81	2		10	8	-	2	2	1						Drive Stopped 81'10" Bedrock?	
	82		81	10		2	2	-	12	4	2						Bedrock hard drill ahead 12	
	82	8	81	10		8	10	-	2	1								
	82	11	82	7		3	4	-	6	1	1							
+ case	83	4	83	4		5	-		8	1	1						Bedrock Producing Color Drill	
8/3 8:20 AM	83	7							6	1	1						Clean to 84'	
clean tab	83	10							85'	2	1						Clean to 84'6"	
	84								86'								Clean to 86'	

*Handwritten signature or initials*

SHEET No 5 SHEETS THIS HOLE 5  
 LINE No 2 HOLE No 4  
 DATE START 7/29 DATE FINISH 8/3

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole #5  
 N62° 17.503'  
 W 137° 12.059'  
 EL 2434

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE 4  
 LINE No. 2 HOLE No. 5  
 DATE START 8/3 DATE FINISH 8/7

### ABBREVIATIONS

MO. ABBREY.	ROCK	FROZEN	LOOSE
O. OVERBURDEN	W. WATER	CA. CEMENTED	L. FINE
G. CLAY	ICE	SI. SLICTY	M. MEDIUM
B. BOUNDER	MUD	TR. TRACE	C. COARSE
L. LAND	SOIL	SO. SOME	LI. LIGHT
C. CLAY	CHAWED	Y. YET	DL. DARE

TIME OF PUMPING	DEPTH OF			PLUG AFTER PUMPING	DRILLED AHEAD	CORE FOR DRIVE	Pump Drill	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE						1	2	3			
	Feet	Feet	Feet	Inches	Inches									
3:35 PM	13		Start			Runs	Runs						Brown	Sand & Large Gravel
	14	13				1	1							
	15	13				1	1							
	16	14				1	1							
	17	15				4	1							
	18	16				3	1							
	19	17				2	1							
	20	18				3	1							
	21	19				2	1							
	22	20				2	1							
	23	21				3	1							
	24	22				1	1							
	25	23				2	1							
	26	24				2	1							
	27	25				2	2							
	28	26				3	1							
	29	27				4	1							
	30	28				6	3							
	31	29				2	2							
	32	30				4	2							

8/4 7:30 AM  
 1st run + case

8-23  
 1st run + case

23-28  
 1st run + case

8:30 AM

# DRILLERS FIELD LOG

SHEET No. <u>2</u>	SHEETS THIS HOLE <u>4</u>	ABBREVIATIONS			
LINE No. <u>2</u>	HOLE No. <u>5</u>	C. NO. ASB. OVERBURDEN G. GRAVEL B. BOULDER L. LAND Q. CLAY	R. ROCK W. WATER I. ICE M. MUD S. SOIL D. DRAWD	FL. FROZEN CE. CEMENTED ST. STICKY TR. TRACE T. TONE Y. VERY	L. LOOSE F. FINE M. MEDIUM C. COARSE LT. LIGHT DL. DARK
DATE START <u>8/3</u>	DATE FINISH <u>8/7</u>				

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump Drill		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION	
	PIPE		PUMPING		DRIVE					CORE FOR DRIVE	Runs		Runs	1	2				3
	Feet	Inches	Feet	Inches	Feet	Inches													
<i>can tub 1-33</i> + case	33		31	1	12	23				3	1						BR Cleaner Sand + Gravel		
<i>1/5</i> 8:00 AM	34		32	6	12	18	-			4	1						}		
	35		33	6	12	18	3			4	2								
	36		34	7	12	17	-2			6									
	37		35	8	12	14	3			5									
<i>can 33-38</i> + case	38		36	4	12	20				5	1						}		
<i>10:40 AM</i>	39		37		12	24	3			4									
	40		38	1	12	23	2			3	2								
	41		39	9	12	15	-			3	1								
<i>near tub 3-43</i> + case	42		40	8	12	14	2			3							Larger Gravels - Course Sand		
<i>2:00 PM</i>	43		41	6	12	18	2			3	1						}		
	44		42	7	12	17	1			3	1								
	45		43	6	12	18	-			2	1								
	46		44	8	12	16	30			5									
<i>near tub 3-48</i> + case	47		44		12	36	6			8							Plug increase every run → drive cc H <sub>2</sub> O level Back 11'		
<i>4:30 PM</i>	48		45	10	12	26	3			5	1						}		
	49		47	6	12	18	12			6	1								
	50		48		12	24	20			4									
<i>8/6</i> 7:45	50						-			2	1						}		
	51		49	6	12	18	3			2	1								

# DRILLERS FIELD LOG

SHEET No. 3 SHEETS THIS HOLE 4  
 LINE No. 2 HOLE No. 5  
 DATE START 8/3 DATE FINISH 8/7

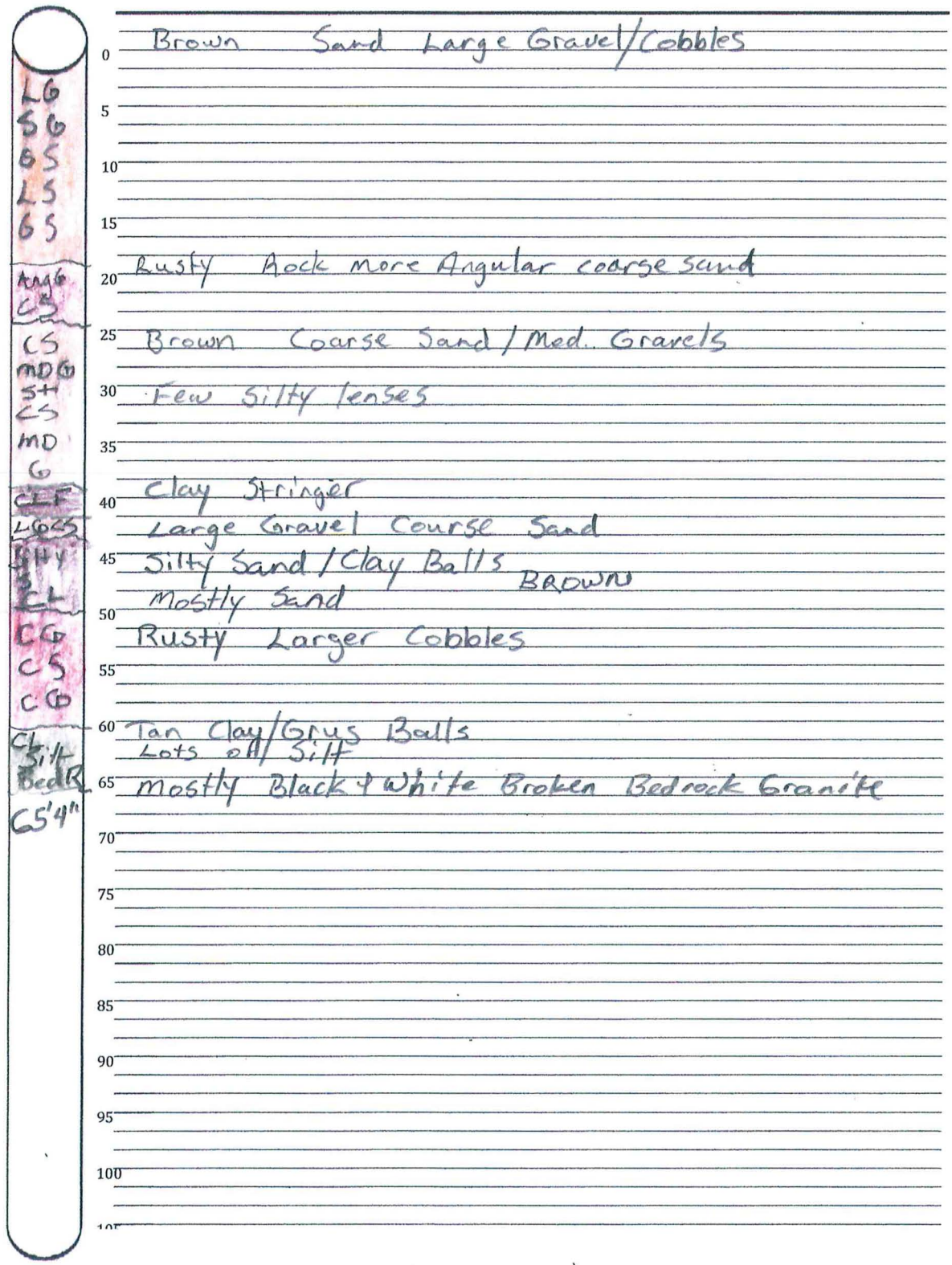
## ABBREVIATIONS

O. OVERBURDEN	R. ROCK	FL. FROZEN
G. GRAVEL	W. WATER	CR. CEMENTED
B. BOULDER	IC. ICE	ST. STICKY
S. SAND	M. MUD	TR. TRACE
CL. CLAY	SO. SOIL	SM. SOME
	DR. DRAWD	Y. VERY
		L. LOOSE
		F. FINE
		MD. MEDIUM
		C. COARSE
		LI. LIGHT
		DL. DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump CORE FOR DRIVE Feet	Drill Feet	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
8/6 7:58AM	52		50	6	12	18	-		5	1						Rusty	Sand + Gravel	
1/2-53' + case	53		51	5	12	19	3		4	1							Fewer Gravels < silt	
8/6 9:32AM	54		52	6	12	18	2		3	1							Cobble? Drive Pipe	
	55		53	6	12	18	6		3									
	56		53	6	12	30	5		5	1								
	57		55	6	12	18	3		4									
1-58' + case	58		56	8	12	16	-		4	1								
8-60 12:49PM	59		57	6	12	18	2		3	1								
	60		58	7	12	17	-1		2	1								
	61		59	8	12	16	2		4	2								
1-62	61	6	60	6	6	12	-2	2	2	1						Tan	Tan Clay/Grus Balls	
	62		61	4	6	8	-2	2	1	1							Drive Difficult	
2-63	62	8	61	6	8	16	-12	12	2	1						Milky	Rock seem to be same	
2:35 PM	63		62	2	4	10	1		1								Parent material	
-case 7:50AM	63						-2	12	1								Extra material -> drive pipe	
8/10AM	63	7	61	4	7	24	16		4	1							Lots of silt	
	64		61		5	36	6		10								Bedrock + silt	
	64	9	62	1	9	20	-6	6	3	1								
	65	4	64	4	7	12	-		2								Clean to bottom solid Bedrock	

SHEET No 4 SHEETS THIS HOLE 4  
 LINE No 2 HOLE No 5  
 DATE START 8/3 DATE FINISH 8/7

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole # 6  
 N 62° 17.487'  
 W 137° 12.088'  
 Ch 2436 ft.

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE 5

LINE No. 2 HOLE No. 6

DATE START 8/7 DATE FINISH 8/13

ABBREVIATIONS

C	Case	NO	Abbreviation	R	ROCK	F	FROZEN	FC	Color of Sludge	L	LOOKS
0	GRAVEL	W	WATER	CA	CEMENTED	1	1	CL	CLAY	2	2
1	BOULDER	W	ICE	SL	SLICED	3	3	BR	BR	3	3
2	SAND	M	MUD	TR	TRACE	4	4			4	4
3	CLAY	S	SOIL	Y	VERY	5	5			5	5
		T	DRILLED								

TIME OF PUMPING	DEPTH OF			PIUG AFTER PUMPING	DRILLED AHEAD	CORE FOR DRIVE	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE					1	2	3			
8/8 8:05 AM	15	13	12	3	1	Runs	1				BR	Silty Sand / Gravel mix	
	16	14	12	3	3	1							
+ case	17	15	12	2	3	1							
10:20 AM	18	16	12	1	5	1							
	19	17	12	2	4	1							
	20	18	12	4	3	1							
	21	19	12	1	5	1							
	22	20	12	4	3	2							
+ case	23	21	12	3	3	1							
1:45 PM	24	22	12	4	3	1							
	25	23	12	1	5	2							
	26	24	12	2	4	1							
	27	25	12	1	4	2							
+ case	28	26	12	3	3	1							
4:50 PM	29	27	12	2	3	1							
8:00 AM	30	28	12	4	3	1							
	31	29	12	-	3	2							
	32	30	12	-	4	2							
+ case	33	31	12	-	3	1							
11:10 AM	34	32	12	-1	2	1							

No Samples kept for the upper part of hole

# DRILLERS FIELD LOG

SHEET No. 2 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 6  
 DATE START 8/7 DATE FINISH 8/13

### ABBREVIATIONS

Color	NO ABBREV.	L	ROCK	FL	FROZEN	L	LOOSE
O.	OVERBURDEN	W.	WATER	CR	CEMENTED	F.	FINE
G.	GRAVEL	Ice	ICE	SL	SLICKY	ME.	MEDIUM
B.	BOULDER	Mud	MUD	T.	TRACE	C.	COARSE
S.	SAND	SOIL	SOIL	Y.	SOME	LI.	LIGHT
CL	CLAY	THAWED	THAWED	V.	VERY	DL.	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					Runs	Drill Runs		1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
	35		33	6	12	18	1		2	1						Br	Silty Sand Gravel/Cobbles	
	36		34	8	12	16	2		3	1								
	37		35	2	12	22	1		4	1								
+ Case	38		36	6	12	18	1		2	1								
2:40 PM	39		37	9	12	15	2		4	1								
	40		38	6	12	18	2		3	1								
	41		39	6	12	18	2		2	1								
	42		40		12	24	12		4	1							Material Heave inside shoe	
+ Case	43		41		12	24	12		3	1								
7:30 AM	44		42	4	12	20	3		4	1								
	45		43	6	12	18	4		3									
	46		44		12	24	2		2	1								
	47		45	6	12	18	1		2	1								
+ Case	48		46	8	12	16	1		2	1								
10:30 AM	49		47	6	12	18	1		3	1								
	50		48	8	12	16	2		2	1								
	51		49	4	12	20	2		3	1								
	52		50	7	12	17	6		5								More Cobbles	
+ Case	53		51	5	12	19	1		3	1								
1:20 PM	54		52	8	12	16	1		3	1								

8/9

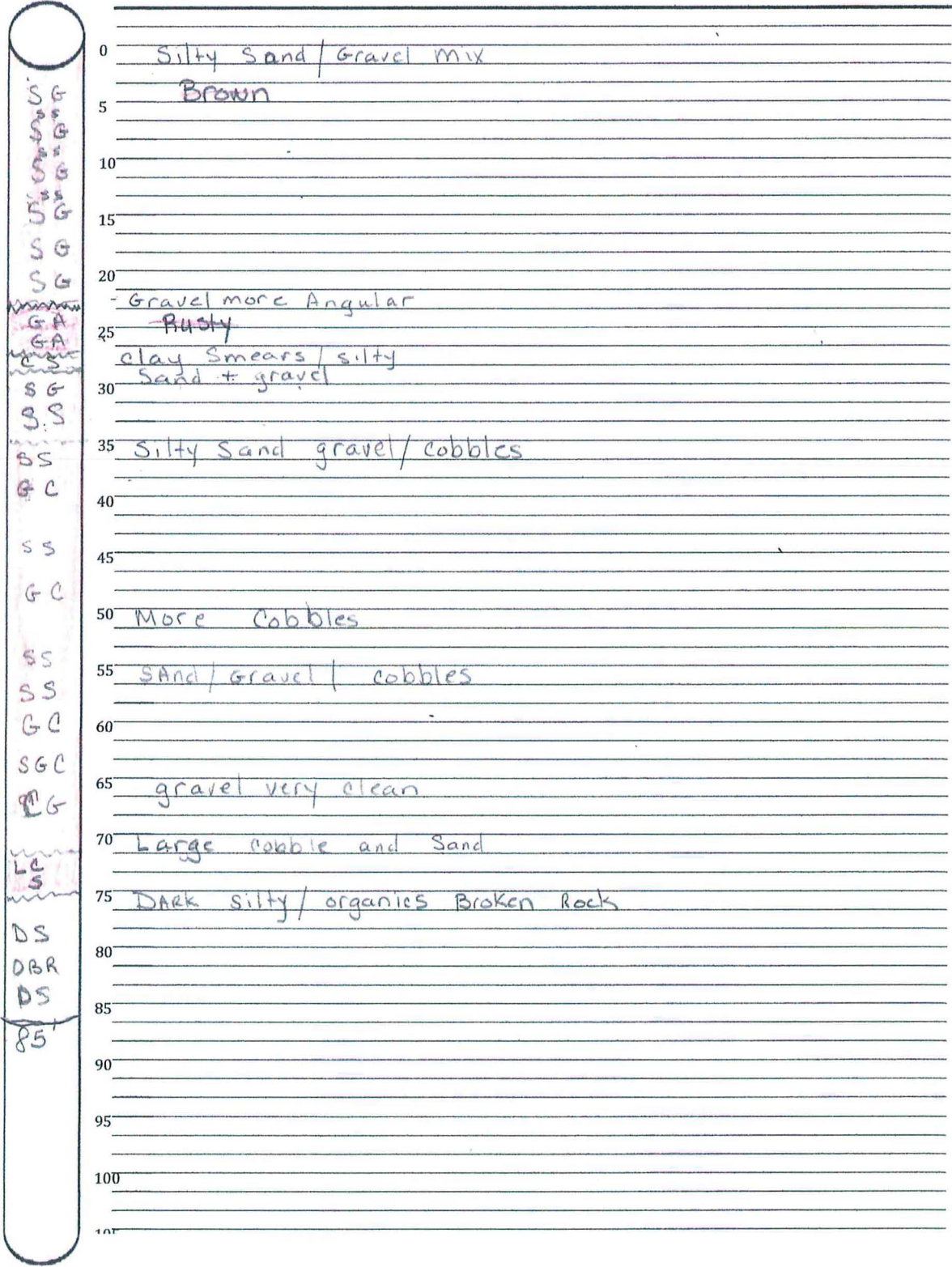
10





SHEET No 5 SHEETS THIS HOLE 5  
 LINE No 2 HOLE No 6  
 DATE START 8/7 DATE FINISH 8/13

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole # 1  
 N 62° 17.485'  
 W 137° 12.091'  
 EL 2435 ft.

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 7  
 DATE START 8/14 DATE FINISH 8/20

## ABBREVIATIONS

Color	NO ABILITY	R	ROCK	FL	FROZEN	L	LOOSE
O	OVERBURDEN	W	WATER	CR	CEMENTED	F	FINE
G	GRAVEL	Ice	ICE	ST	STICKY	MD	MEDIUM
B	BOULDER	Mud	MUD	TR	TRACE	C	COARSE
S	SAND	SOIL	SOIL	SOME	SOME	LI	LIGHT
CL	CLAY	DRAWN	DRAWN	VERY	VERY	DL	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					CORE FOR DRIVE	Drill		Number of COLORS					
	Feet	Inches	Feet	Inches	Feet	Inches							1	2	3			
8/14 1:00PM	14		12	8		12	16	-		1	1					BR	Sand / Gravel / Cobbles	
	15		13			12	24	4		1	1							
	16		14	5		12	19	12		2								
	17		14	6		12	30	-2	2	3	1							
+ case	18		16	5		12	19	2		2								
3:50PM	19		17	6		12	18	-		1	1							
	20		18	4		12	20	2		3								
	21		19	5		12	18	-2	2	4	1						Broke Big Green Rock	
8:25	22		20	5		12	19	-		3								
+ case	23		21	6		12	18	-		1	1							
9:55	24		22			12	24	2		2	1					Rusty	More Angular Rock	
	25		23	8		12	16	-		3								
	26		24	2		12	22	-		2	1							
	27		25	8		12	16	4		4								
+ case	28		26	9		12	15	2		3								
	29		27	4		12	20	-		3	1							
	30		28	7		12	17	6		4	1						Heaving	
	31		29	5		12	18	5		4						BR	Larger Rock	
+ Case	32	10	30	2		22	32	4		4	1						Lots of Sand / Fine	
3:40PM	34		32			14	24	-3		2	1						" "	

# DRILLERS FIELD LOG

SHEET No. 2 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 7  
 DATE START 8/14 DATE FINISH 8/22

### ABBREVIATIONS

C	NO ABBEV. OVERBURDEN	F	ROCK	FL	FROZEN	L	LOOSE
O	GRAVEL	W	WATER	CP	CEMENTED	F	FINE
B	BOULDER	Ice	ICE	St	STICKY	Med	MEDIUM
L	SAND	Mud	MUD	T	TRACE	C	COARSE
Cl	CLAY	Soil	SOIL	V	SOME	Lt	LIGHT
		Thawed	THAWED	Y	VERY	DL	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Cased Pump Drive		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					Runs	Runs		1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
	35		33	8	12	16	6			2	1						Sandy/Silty Few Gravels	
	36		33	6	12	30	10			2	1							
5:00PM	37		34	4	12	32	2			3	1							
8/16 7:45AM	38		36	6	12	30	-2	2		5	1							
+ case	39		37	5	12	19	-			1	1							
9:50AM	40		38	7	12	17	-1			1	1							
	41		39		12	22	-2			1	1							
	42		41	2	12	10	3			2								
+ case	43		41	6	12	18	1			3	1					Rusty More Angular		
12:00	44		42	4	12	20	-			1	1							
	45		43	6	12	18	-			1	1							
+ case	46		44	5	12	19	-			1	1							
2:10PM	47		45	4	12	20	-			3								
	48		46		12	24	-			1	1							
	49		47	4	12	20	2			4	1							
	50		48	6	12	18	-2	2		1	1					Very hard drive		
	51		49	8	12	14	-4	4		2	1					Boulder		
	51	5	51		5	5	-4	4		1	1					BR Clay Balls/Silty		
+ case	52		51		7	12	1			2						Small gravels		
8/17 7:50AM	53		51	8	12	16	-			1	1							

# DRILLERS FIELD LOG

SHEET No	3	SHEETS THIS HOLE	5	ABBREVIATIONS							
LINE No.	2	HOLE No.	7	Color	NO ABBEY.	L	ROCK	FL	FROZEN	L	LOOSE
DATE START	8/14	DATE FINISH	8/22	O.	OVERFLUIDEN	W	WATER	SL	CEMENTED	F	FINE
				G.	GRAVEL	IC	ICE	ST	STICKY	MD	MEDIUM
				B.	BOULDER	M	MUD	T	TRACE	C	COARSE
				S.	SAND	SO	SOIL	S	SOME	LT	LIGHT
				CL	CLAY	PH	THAWED	V	VERY	DL	DARE

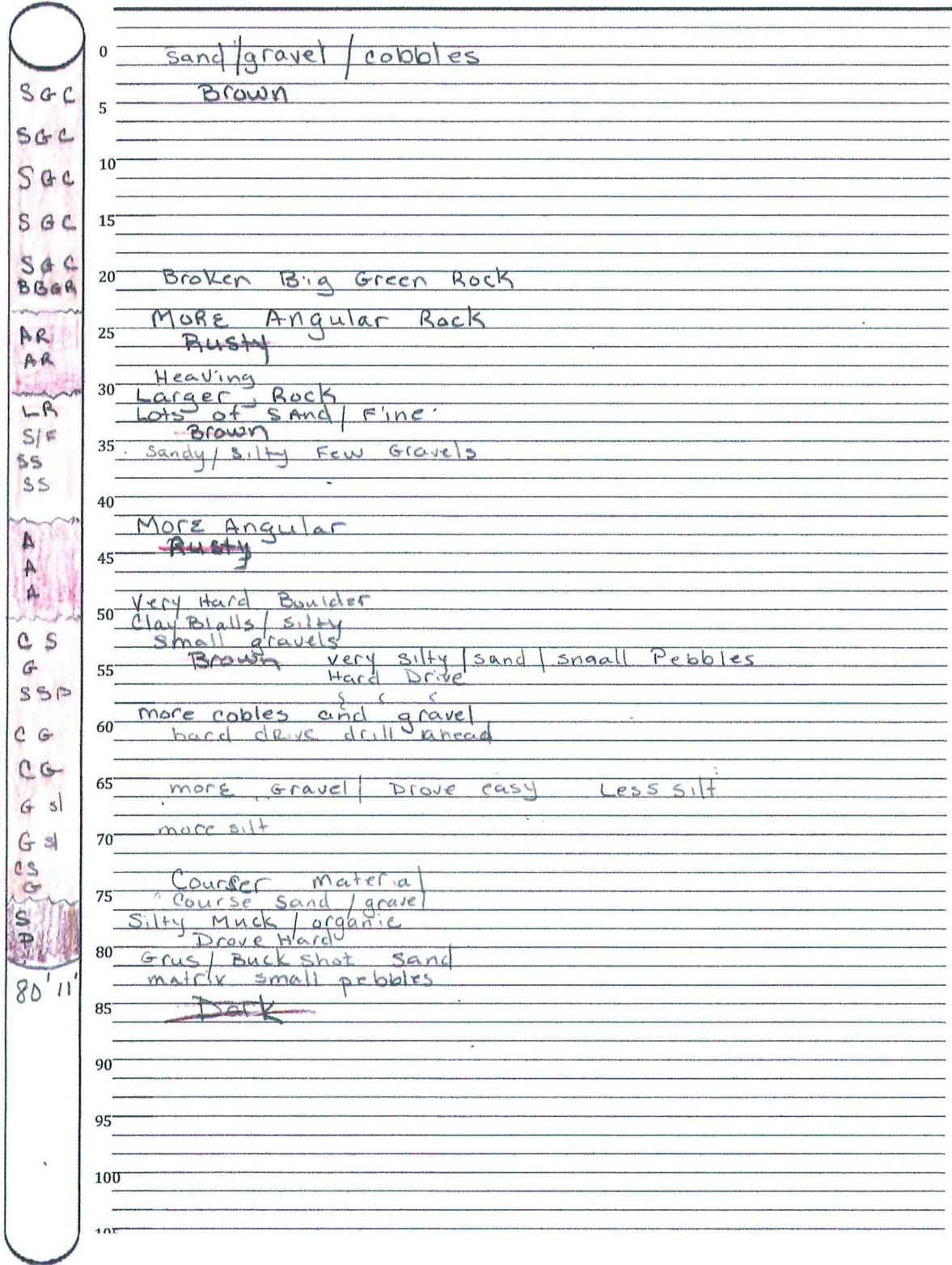
TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump <del>CORE DRY</del>	Drill	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
	54		52	7		12	17	-1	1	1	1					BR	Very Silty / sand / Small pebbles	
	55		53	6		12	18	-2	2	1	1						Hard drive	
	56		54	10		12	14	-3	2	2	1						" "	
+ case	57		56			12	12	-2	2	1	1						" "	
11:15AM	58		56	4		12	20	-3	2	1	1						" "	
	59		57	10		12	14	5		3							More Cobbles / Gravel	
	60		58	4		12	20	1		1	1						" " "	
	61		59	6		12	18	-5	4	1	1						Hard drive / drill Ahead	
+ case	62		60	10		12	14	-2	2	1	1						" "	
2:00PM	63		61	4		12	20	2		1	1							
	64		62	8		12	16	-1		1	1							
	65		63	6		12	18	4		2							More Gravel / Drove easy	
	66		63	10		12	26	-		5	1						less silt	
+ case	67		65	2		12	22	4		3								
4:45PM	68		65	10		12	26	2		4	1							
8/18	69		68	2		12	10	-		1	1						more silt	
	70		68	5		12	19	-4		4	1							
+ case	71		69	3		12	21	-4		4	1							
11:15AM	72		70	4		12	20	1		1	1							
	73		70	10		12	26	4		3							Coarser material	

2-67' can tub  
8/18  
1-71' Tub



SHEET No 5 SHEETS THIS HOLE 5  
 LINE No \_\_\_\_\_ HOLE No 7  
 DATE START 8-14 DATE FINISH 8-20

- COLOR  
 O. OVERBURDEN  
 G. GRAVEL  
 B. BOULDER  
 S. SAND  
 CL. CLAY  
 R. ROCK  
 W. WATER  
 ICE ICE  
 MUD MUD  
 SOIL SOIL  
 TH. THAWED  
 FR. FROZEN  
 CE. CEMENTED  
 ST. STICKY  
 TR. TRACE  
 V. VERY  
 L. LOOSE  
 F. FINE  
 MD. MEDIUM  
 C. COURSE  
 LT. LIGHT  
 DR. DARK



Hole # B  
 N 62° 17.680'  
 N 137° 12.427'  
 EL 2430 ft.

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE. 5

LINE No. 2 HOLE No. 8

DATE START 8/21 DATE FINISH 8/29

ABBREVIATIONS

NO. ABBRY.	ICE	ROCK	FRIZEN	L	LOOSE
C. CORE	W. WATER	F. FROZEN	F. FINE	F.	FINE
G. GRAVEL	ICE	SH. SHEETED	M. MEDIUM	M.	MEDIUM
B. BOULDER	MUD	ST. STICKY	C. COARSE	C.	COARSE
L. LAND	SOIL	TR. TRACE	L. LIGHT	L.	LIGHT
CL. CLAY	THAWED	Y. YET	DL. DATE	DL.	DATE

TIME OF PUMPING	DEPTH OF			CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	CORE DRIVE FOR PUMP	PUMP	DRILL	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE								1	2	3			
	Feet	Feet	Feet	Inches	Inches	Inches	RUNS	RUNS								
+ case 18		15	7	24	29	2	2	1								Silty/Sandy Gravel Cobbles
5:15 PM 19		17	8	12	16	2	2	1								
7:45 AM 20		18	8	12	16	3	3	2								
		21	7	12	17	2	2	1								
		22	9	12	15	2	1	1								
+ case 23		21	11	12	13	6	1	1								
10:30 AM 24		23		12	12	2	1	1								
		23	6	12	18	2	2	1								
		24	5	12	19	1	1	1								
		25	10	12	14	2	2	1								
		26	6	12	18	3	3	1								
+ case 28		26	6	12	18	3	3	1								
1:40 PM 29		27	9	12	15	3	3	1								
		28	4	12	26	2	2	1								
		29	7	12	17	2	2	1								
		30	6	12	18	2	2	1								
		32		12	12	2	2	1								
+ case 33		32		12	12	2	2	1								
4:10 PM 34		32		12	22	3	2	1								
		33	9	12	15	2	2	1								
		35	8	12	16	2	3	1								
		36		12		2	3	1								

8/22

# DRILLERS FIELD LOG

SHEET No. <u>2</u>	SHEETS THIS HOLE <u>5</u>	ABBREVIATIONS			
LINE No. <u>2</u>	MOLE No. <u>8</u>	Color O. OVERBUADEM G. GRAVEL B. BOULDER L. LAND CL. CLAY	ROCK W. WATER ICE MUD SOIL THAWED	F. FROZEN CE. CEMENTED ST. STICKY TR. TRACE TOME. TOME V. VERY	L. LOOSE F. FINE MD. MEDIUM C. COARSE LT. LIGHT DL. DARK
DATE START <u>8/21</u>	DATE FINISH <u>8/29</u>				

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump CORE FOR DRIVE Revs	Drill Revs	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE								1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
8:25 AM	37		36		12	12	1		3								Silty/Sand Less Gravel	
+ case	38		36	10	12	14	-4	6	1	1								
	39		38		12	12	-2	2	2	1								
	40		39		12	12	-4	4	1	1								
+ case	41		39	10	12	14	-6	6	2	1								
11:15 AM	42		40	10	12	14	-		3							Cleaner H <sub>2</sub> O Bearing C Sand		
	43		41	6	12	18	2		3									
	44		42	8	12	16	3		6									
	45		43	4	12	20	-		5	2								
	46		44	10	12	14	-4	4	2	1								
+ case	47		45	6	12	18	-		4	1								
2:50 PM	48		46	6	12	18	2		3									
	49		47	5	12	19	1		3	1								
	50		48	6	12	18	2		3								More Silty	
	51		49	5	12	19	-		2	1								Rusty Rock More Angular
+ case	52		50	4	12	20	-		2	1								
5:24 8:00 AM	53		51	4	12	20	2		1	1								
	54		52	5	12	19	1		1	1								
	55		53	4	12	20	3		4									
+ case	56		54	6	12	18	1		2									

# DRILLERS FIELD LOG

SHEET No. 3 SHEETS THIS HOLE 5  
 LINE No. 2 HOLE No. 8  
 DATE START 8/21 DATE FINISH 8/29

ABBREVIATIONS

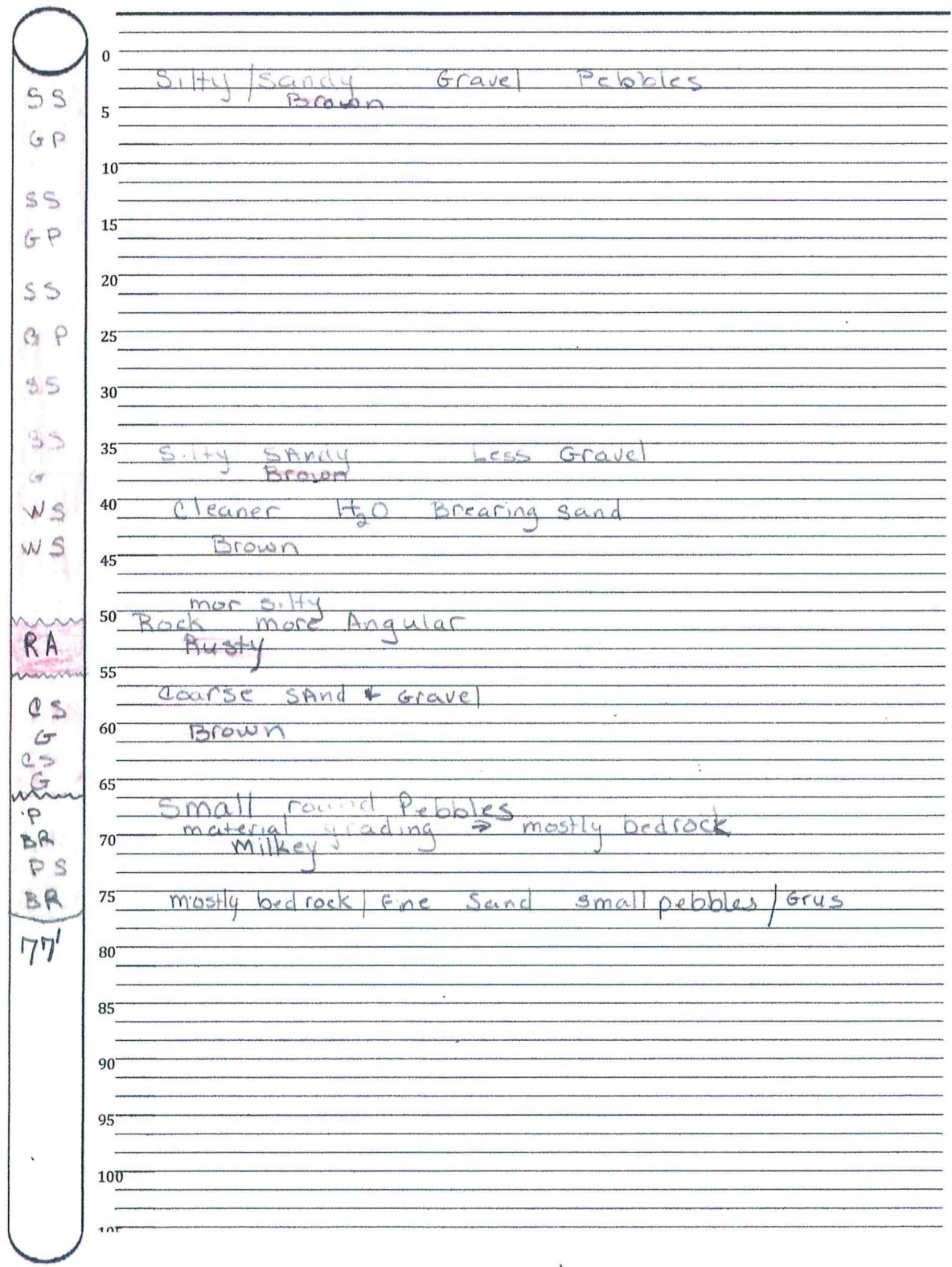
LOOSE	L	PROBLEM	PL	ROCK	RO
FINE	F	CEMENTED	CA	WATER	W
MEDIUM	M	STICKY	SI	ICE	IC
COARSE	C	TRACE	TR	MUD	MU
LIGHT	LI	SOME	SO	SOIL	SO
DARK	DA	VERY	VE	FRAMED	FR

TIME OF PUMPING	DEPTH OF				CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	PUMP RUNS	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE							1	2	3			
	Feet	Feet	Feet	Inches	Inches	Inches									
8/24 10:20 AM	57	55	6	12	18	-		2						BR	Coarse Sand + Gravel
	58	56	10	12	14	3		3							
	59	57	4	12	20	2		4							
	60	58	5	12	19	4		2							
+ case	61	59	6	12	18	-2	1	1							
1:00 PM	62	60	7	12	17	1		1							
	63	62	1	12	11	-3	2	2							
	64	63		12	12	6		2							
4:45 PM	65	63	7	12	17	-4	4	2							Drive Difficult? Bouncy
+ case	66	64	11	12	13	-4	4	2							Very Silty / Brake
8/29 9:15 AM	67	65	6	12	18	-2	2	2							Weathered granite
	68	64	5	12	15	-4	3	2							Bedrock? Grus
	69	67	9	12	19	-3	2	1							Small round pebbles
	70	66	10	12	14	-2	1	2							Material grading? Mostly Bedrock
+ case	71	70		12	12	-4	3	1							
1:40 PM	72	71	1	12	11	-4	4	3							
	73	72		12	12	-		3							
	74	72	2	12	22	4		4							
	75	73	6	12	18	-		3							
8/29 BEGIN	75					-12	12	3							



SHEET No 5 SHEETS THIS HOLE 5  
 LINE No 2 HOLE No 8  
 DATE START 8-21 DATE FINISH 8-29

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole # 4

N 62° 17.676'

W 137° 12.438'

EL. 2406 ft.

# DRILLERS FIELD LOG

SHEET No 1 SHEETS THIS HOLE 3  
 LINE No. 3 HOLE No. 9  
 DATE START 8/30 DATE FINISH 9/1

## ABBREVIATIONS

Color	NO ABBEV.	R	ROCK	FL	FROZEN	L	LOOSE
OO	OVERBURDEN	W	WATER	SC	CEMENTED	S	FINE
CG	GRAVEL	IC	ICE	SH	STICKY	MD	MEDIUM
B	BOULDER	MU	MUD	T	TRACE	C	COARSE
LAND	LAND	SO	SOIL	S	SOME	LT	LIGHT
CLAY	CLAY	TH	THAWED	V	VERY	DL	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					Runs	Runs		1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
8/30 1:10 PM	16		13	2	12	34	2			6	2					BR	Sand/Gravel Angular	
	17		15	9	12	15	1			4	2							
	+ case	18		16	6	12	18	2		2	1							
	4:35 PM	19		17	6	12	18	1		1	1							
	20		18	10	12	14	-			1	1							
	21		19	8	12	16	-1			2	1							
8/31 8:15 AM	22		20	5	12	19	-			4	2					Rusty	More Angular	
	+ case	23	8	Advanced w/ Drill line?														
	10:15 AM	25		22	6	16	30	-1		6	2							
	26		24	7	12	17	-1	1		2	1							
	27		25	6	12	18	-1			2	1					BR	Silty Sand/Gravel	
	+ case	28		26	7	12	17	-		2	1							
	12:20 PM	29		27	6	12	18	-2		2	1							
	30		28	2	12	22	2			1	1							
	31		29	7	12	17	-1			2	1							
	+ case	32	6	31		18	18	-		2	1							
	2:00 PM	34		32	4	18	20	-1		2	1					m:ky	Gravel/Sand Broken	
	35		33	6	12	18	-2	2		2	1						Bedrock material	
	36		34	9	12	15	-2	2		2	2							
+ case	37	2	35	4	14	20	-3	2		2	1							

# DRILLERS FIELD LOG

SHEET No. 2 SHEETS THIS HOLE 3  
 LINE No. 3 HOLE No. 9  
 DATE START 8/30 DATE FINISH 9/1

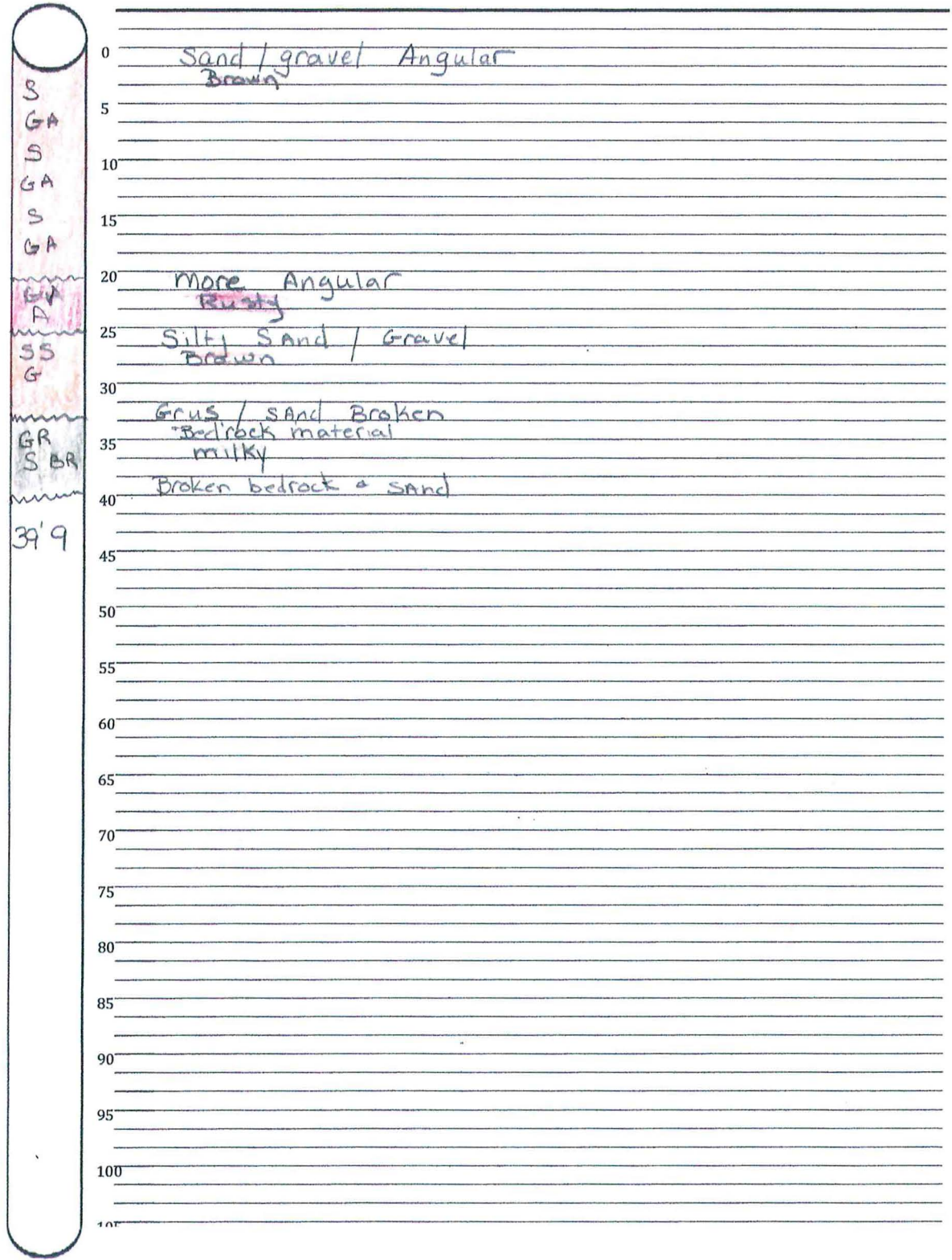
### ABBREVIATIONS

Color	NO ABBEV.	L.	ROCK	FL.	FROZEN	L.	LOOSE
O.	OVERBURDEN	W.	WATER	CA.	CEMENTED	F.	FINE
G.	GRAVEL	IC.	ICE	SI.	STICKY	MD.	MEDIUM
B.	BOULDER	MU.	MUD	TR.	TRACE	C.	COARSE
S.	SAND	SO.	SOIL	VS.	SOME	LI.	LIGHT
CL.	CLAY	TM.	THAWED	V.	VERY	DL.	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE Inches	PLUG AFTER PUMPING Inches	DRILLED AHEAD Inches	Pump		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					Runs	Drill Runs		1	2	3			
	Feet	Inches	Feet	Inches	Feet	Inches												
4:20 PM	38		36	9	10	15	-3	2	2	1						milky	Broken Bedrock / Sand	
	39		38	2	12	10	-2	2	1	1								
5:10 PM	39	9	38	11	9	11	9		2									
8:30 AM	39	9	39		-	9	-1		2	1								
	39	9						8	2	1								
								Hole Done		40' 5"								

SHEET No 1 SHEETS THIS HOLE 3  
 LINE No 3 HOLE No 9  
 DATE START 8/30 DATE FINISH 9/1

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole #10  
 N 62° 17.571'  
 W 137° 12.179'  
 EL 2440 ft.

# DRILLERS FIELD LOG

SHEET No. 1 SHEETS THIS HOLE 2  
 LINE No. 3 HOLE No. 10  
 DATE START 9/1 DATE FINISH 9/3

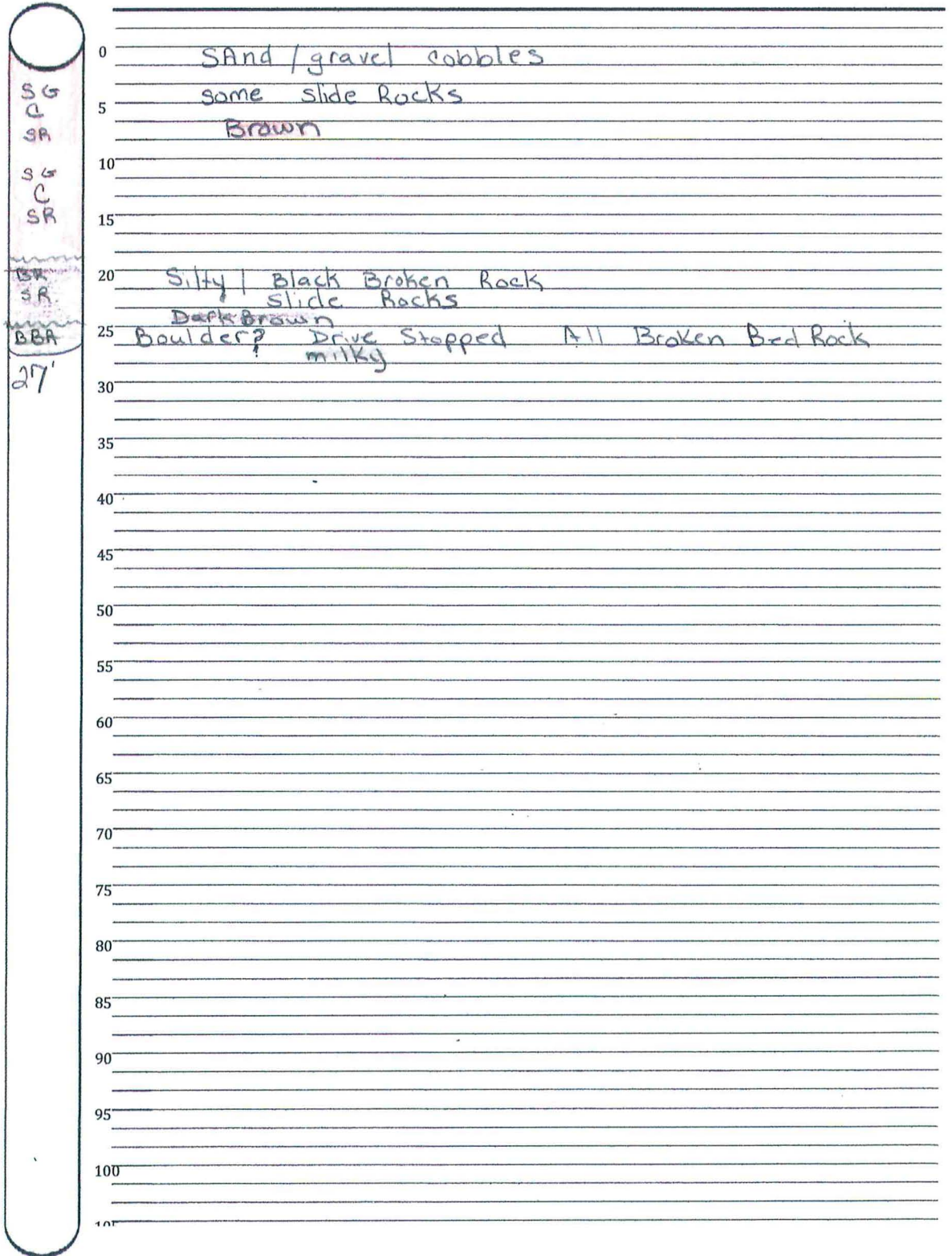
## ABBREVIATIONS

Color	NO ABILITY	L	ROCK	FL	FROZEN	L	LOOSE
O.O.	OVERBUIDEN	W	WATER	CR	CEMENTED	F	FINE
G.P.	GRAVEL	IC	ICE	SL	STICKY	MD	MEDIUM
B.P.	BOULDER	M	MUD	T	TRACE	C	COARSE
S	SAND	SO	SOIL	Y	SOME	LT	LIGHT
CL	CLAY	TH	THAWED	V	VERY	DL	DARK

TIME OF PUMPING	DEPTH OF						CORE RISE	PLUG AFTER PUMPING	DRILLED AHEAD	Pump		VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE		PUMPING		DRIVE					Runs	Drill		Number of COLORS					
	Feet	Inches	Feet	Inches	Feet	Inches							1	2	3			
9/1 3:50 PM	16		13	10	18	26	-		5	2						BR	Sand/Gravel Cobbles	
	17		15	11	12	13	-		1	1							Some Slide Rock	
	18		16	5	12	17	-		2	1								
9/2 8:00 AM	19		17	6	12	18	-		2	1								
	20		18	7	12	17	-1		1	1						DRBR	Silty / Black Broken Rock	
	21		19	4	12	20	-1		1	1							Slide Rock?	
	22		20	8	12	16	2		1	1								
+ case 11:10 PM	23		21	1	12	23	-		2	1								
	24		22	6	12	18	-		2	1								
	25		23	6	12	18	-		2	1								
	25	7	24	6	7	13	-3	3	2	1							Boulder? Drive Stopped	
	26	6	24	4	11	26	-1		4	2							All Broken Bedrock	
9/3 8:30 AM	27		25	10	6	14	1		3									
	27						-6	6	3	2								
										Hole Done 27'6"		Bedrock 24' to 27'6"						

SHEET No 2 SHEETS THIS HOLE 2  
 LINE No 3 HOLE No 10  
 DATE START 9/1 DATE FINISH 9/3

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



Hole # 1-1  
 N 68° 17.709'  
 W 137° 12.477'  
 EL. 2393 ft.

# DRILLERS FIELD LOG

SHEET No. 7 SHEETS THIS HOLE

LINE No. 4 HOLE No. 11

DATE START 9/6 DATE FINISH 9/6

ABBREVIATIONS

- |              |             |           |           |           |
|--------------|-------------|-----------|-----------|-----------|
| C. CORE      | NO. ABILITY | ROCK      | PROZEM    | L. LOOSE  |
| O. OYERBUZEN | W. WATER    | ICE       | CEMENTED  | F. FINE   |
| G. GRAVEL    | ICE         | ICE       | STICKY    | M. MEDIUM |
| B. BOULDER   | MUD         | TR. TRACE | FL. FLAKE | C. COARSE |
| S. SAND      | SOIL        | S. SOME   | Y. YEST   | L. LIGHT  |
| D. CLAY      | THAWED      |           |           | DL. DARK  |

TIME OF PUMPING	DEPTH OF				DRILLED AHEAD	PUMP AFTER PUMPING	CORE RISE	PLUG AFTER PUMPING	VOLUME Measured by VOLUME BUCKET	Number of COLORS			ESTIMATED WEIGHT	COLOR OF SLUDGE	FORMATION
	PIPE	PUMPING	DRIVE							1	2	3			
	Feet	Feet	Inches	Feet	Inches	Inches	Inches	Inches							
9/6 9:30AM	13	12	4	16	14	-2	2	2	1				Rusty	Sand/Silt Fine Gravels	
	15	14		16	12	-2	2	1							
	16	14	1	12	23	-4	4	2							
	17	15	9	12	15	-2	2	3	1				Milky	Mostly Broken Bedrock?	
	18	16	10	12	14	-	6	3	2						
	19	17	8	12	16	-6	10	3	1					Definite Bedrock	
	19					-10		2	1						
								Hole Done 20'6"							

SHEET No 2 SHEETS THIS HOLE 2  
 LINE No 4 HOLE No 11  
 DATE START 9/6 DATE FINISH 9/6

- COLOR
- O. OVERBURDEN
- G. GRAVEL
- B. BOULDER
- S. SAND
- CL. CLAY
- R. ROCK
- W. WATER
- ICE ICE
- MUD MUD
- SOIL SOIL
- TH. THAWED
- FR. FROZEN
- CE. CEMENTED
- ST. STICKY
- TR. TRACE
- V. VERY
- L. LOOSE
- F. FINE
- MD. MEDIUM
- C. COURSE
- LT. LIGHT
- DR. DARK



0	
5	
10	Sand / silt Fine gravels Rusty.
15	mostly Broken Bedrock? milky
20	Definite Bed Rock
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	