## **APPENDIX A: CORE DESCRIPTION OF BOATWRIGHT**

th (								Se	Sgo	tures	Fractures
Depth								Facies	Lithology	Structures	Frac
(ft)		S	VF	F	Μ	С	VC				
	1"							fBM	Interspersed coarse grains		N
	2"							fBM	Interspersed coarse grains		N
	3"							fBM	Interspersed coarse grains		N
	4"							fBM	Interspersed coarse grains		N
	5"							fBM	Interspersed coarse grains		N
35	6"							fBM	Interspersed coarse grains		N
12935	7"							fBM	Interspersed coarse grains		N
	8"							fLM	Thick light grey band, capped by thinner light grey laminae	Wavy, Nonparallel, Noncontinuous	N
	9"							fLM			N

	10"			fLM	Single thick light grey laminae	Wavy, Nonparallel, Noncontinuous	N
	11"			fBM			N
	12"			fBM			N
	1"			 fBM			N
	2"			fBM			N
	3"	~		fBM			N
	4"			fLM	light grey laminae	Wavy, Nonparallel, Noncontinuous	N
					Interspersed coarse grains, single light		
	5"			fLM		Planar, Parallel, Continuous	N
12936	6"	1		fBM			N
	7"			fLM	Interspersed coarse grains, light grey- tan laminae	Wavy, Nonparallel, Noncontinuous	N

				Т
8"	f	fBM		N
				T
9"	f	fBM		٢
10"	f	fBM		٢
11"		fBM		
		BIVI		ſ
12"	f f	fBM	Interspersed coarse grains	
				T
1"	f	fBM		ſ
2"	f	fBM		ſ
3"		fBM		ľ
5				ť
4"	f	fBM		r
				T
5"	f	fBM		 ſ

			1						
37	6"			f	fBM				N
12937	_								
	7"			f	fBM				N
	8"			f	fBM				N
	9"			f	fBM				N
	10"			f	fBM				N
	11"			 f	fBM				N
	12"			 f	fBM				N
	1"			 f	fBM				N
	2"			f	fBM				N
	3"			f	fBM				Ν

1							
	4"				fBM		N
	+						
	5"				fBM	Interspersed coarse grains	N
~ ~							
12938	6"		 	 	fBM	Interspersed coarse grains	N
	7"				fBM	Interspersed coarse grains	N
	8"		 		fBM	Interspersed coarse grains	N
	9"				fBM	Interspersed coarse grains	N
	5						
	10"		 		fBM	Interspersed coarse grains	N
	11"		 		fBM	Interspersed coarse grains	N
	12"				fBM	Interspersed coarse grains	N
	1"				fBM		Ν

	2"				fBM			Ν
					<b>6</b> - 4 4			
	3"		 		fBM			Ν
	4"				fLP	apatite at base		Ν
	<u> </u>		 	 				
							laminae thicken upwards, Planar,	
	5"				LM	brown laminae	Parallel, Continuous	Ν
6	6"				1.5.4	brown laminae	laminae thicken upwards, Planar,	N
12939	0				LΜ	brown laminae	Parallel, Continuous	N
H								
	7"				BM			Ν
	8"				BM			Ν
	9"				BM			Ν
	9				DIVI			
	10"				BM			Ν
	11"				BM			Ν

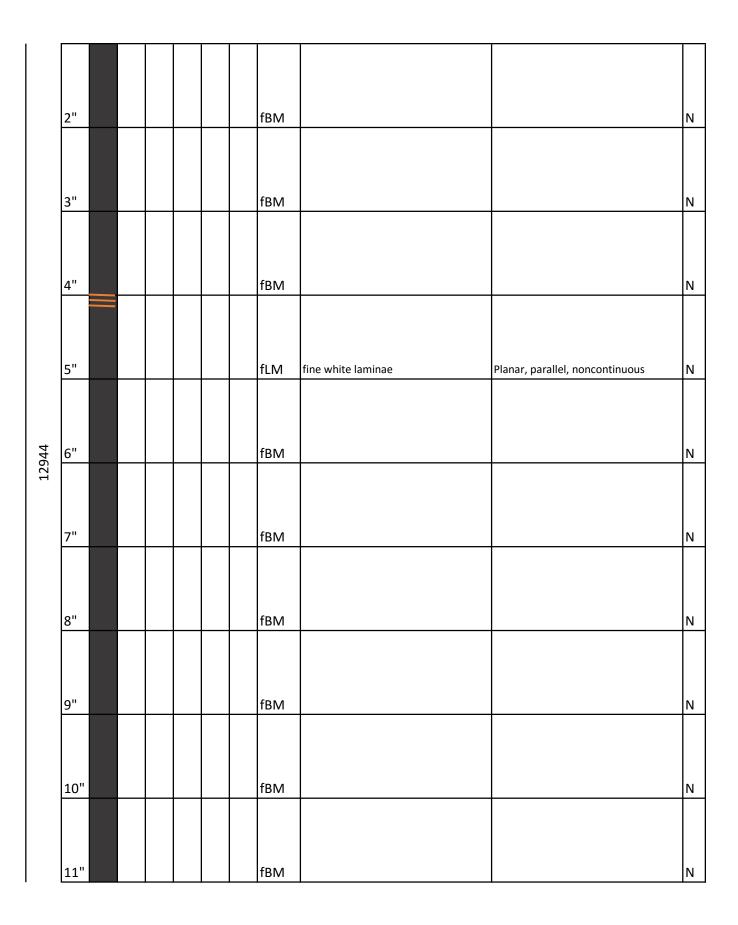
	12"		 	 	BM			Ν
	1"				BM			N
	1		_	 	 DIVI			
	2"				BM			Ν
	3"				BM			N
	5			 	DIVI			
	4"				BM			Ν
	5"				BM			N
	5		 	 $\rightarrow$	 DIVI			
12940	6"				LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	Ν
129		—						
	7"				1.5.4	Faint Thick Drawn Lawings	Disney Devellet Centinuous	
	/			 	LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	N
	8"				LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	Ν
					1.5.4	Frink Thick Descent i		
1	9"				LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	Ν

	10"				LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	N
	11"	=			LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	N
	12"				LM	Faint, Thick, Brown Laminae	Planar, Parallel, Continuous	N
	1"				 вм			N
	2"				BM			N
	3"				вм			N
	4"				BM			N
						Faint, thick, brown laminae, thinning		
	5"		 _	_	LM	and fainter upwards	Parallel, planar, continuous	N
12941	6"				 LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	N
1								
	7"				LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	N

			Faint, thick, brown laminae, thinning		
8"		LM	and fainter upwards	Parallel, planar, continuous	
9"		LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	
10"		LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	
11"		LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	
12"		LM	Faint, thick, brown laminae, thinning and fainter upwards	Parallel, planar, continuous	
1"		LM	Faint, thick, brown laminae	Parallel, planar, continuous	
2"		LM	Faint, thick, brown laminae	Parallel, planar, continuous	
3"		LM	Faint light grey laminae	Parallel, planar, continuous	
4"		LM	Faint light grey laminae	Parallel, planar, continuous	
5"		LM	Faint light grey laminae	Parallel, planar, continuous, small, thin, white clasts	

12942	6"				LM	Faint light grey laminae	Parallel, planar, continuous	N
129								
	7"		_		 LM	Faint light grey laminae	Parallel, planar, continuous	N
	8"				LM	Faint light grey laminae	Parallel, planar, continuous	N
							Parallel, planar, continuous, single coarser grained laminae, small, thin,	
	9"				 LM	Faint light grey laminae	white clasts	N
	10"				LM	Faint light grey laminae	Parallel, planar, continuous	N
	11"		_		 LM	Faint light grey laminae	Parallel, planar, continuous	N
	12"				LM		Parallel, planar, noncontinuous	N
	1"				fBM			
					 IDIVI			N
	2"				fBM			N
	3"				fBM			NI
I	5				IDIVI			Ν

1								
	4"				fBM			N
		$\odot$						
		Ŭ				Called be and a 24b and a second because		
						Light band with seversal brown nodules around a central, larger,		
	5"				fBM	brown nodule		Ν
12943	6"			_	fBM			Ν
	7"				fBM			N
	8"				fBM			Ν
	9"				£D N 4			
	9				fBM			N
	10"				fBM			N
	11"				fBM			Ν
	12"				fBM			N
	12		+	+				
	1"				fBM			Ν



	12"				fBM		N
					_		
	1"		 	 	fBM		N
	2"				fBM		N
	3"				fBM		N
	4"				fBM		N
	4				IDIVI		
	5"				fBM		 N
12945	6"				fBM		N
	7"				fBM		N
		~~~~					
	8"				СРВ	some apatite	N
		$\bigcirc$					
	0"				0.05		
1	9"				СРВ	numerous apatite, white nodule	Ν

1	<i></i> ≈	<u></u>							1
		<u> </u>							
	10"					fBM	Interspersed coarse grains		Ν
	11"					fBM	Interspersed coarse grains		Ν
	12"					fBM			N
	1"					fBM	Interspersed coarse grains		N
	2"					fLM	Interspersed coarse grains	Wavy, nonparallel, continuous	Ν
	0.11					(2.1.4			
	3"		_	_		fBM	Interspersed coarse grains		N
	4"					fBM	Interspersed coarse grains		N
	5"					fBM	Interspersed coarse grains		N
146	6"					fBM	Interspersed coarse grains		N
12946	7"					fBM	Interspersed coarse grains		N

8"	fBM	Interspersed coarse grains	
8	IBIVI		-
9"	fBM	Interspersed coarse grains	
101	fDN 4		
10"	fBM		-
11"	fBM		
10"	(7)		
12"	fBM		-
1"	fBM		
2"	fBM		-
3"	fBM		
4"	fBM		
5"	fBM		

1								
1	6"				fBM			N
12947	0		+					
-								
	7"				1014			
			+		fBM			N
	0"				1014			
	8"		+	<u> </u>	fBM	Very fine pyrite		N
	0"				<b>CDD</b>			
	9"	 			СРВ	apatite		N
	10"				fLM	thin white laminae Pl	Planar, parallel, noncontinuous	Ν
	11"				fBM			Ν
1								
	12"				fBM			N
	12"				fBM			N
	12"				fBM			N
	12" 1"				fBM fBM			N
	1"				fBM			N
	1"				fBM			N
	1"				fBM			N
	1"				fBM			N

1									
	4"			L.					
	4	 	 	T	BM				N
	5"			f	BM				N
12948	6"		 	f	BM				N
12									
	7"		 	f	BM				N
	8"			f	BM				N
	0								
	9"			f	BM				N
	10"		 	 f	BM				N
	11"		 	f	BM				N
	12"			f	BM				N
			 		5.01				
	1"			f	BM				N

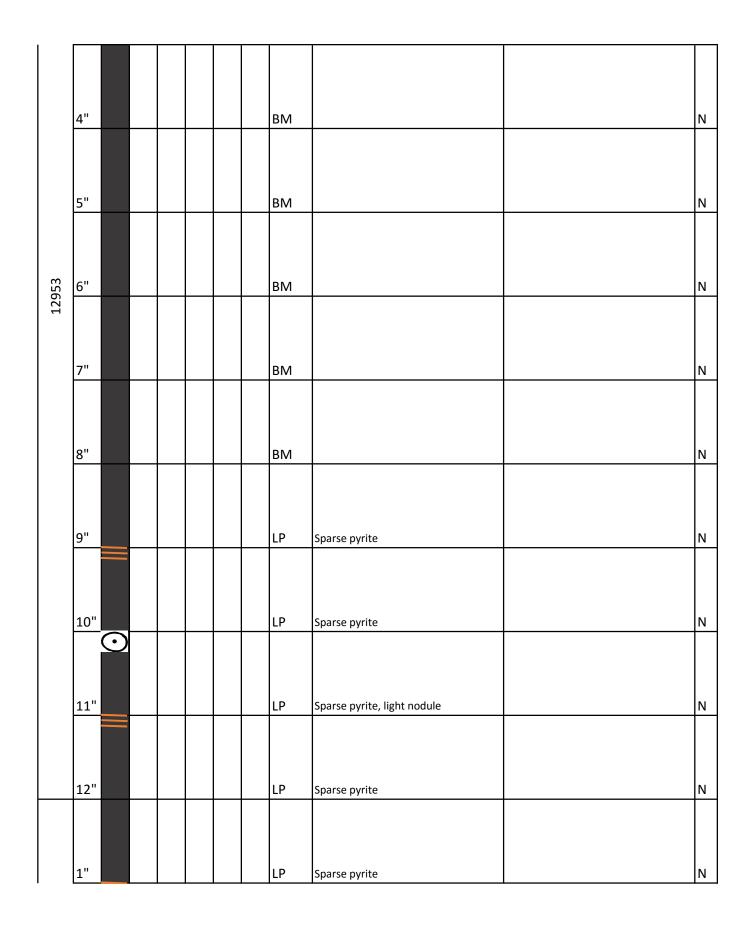
	2"				fBM		N
	3"				fBM		N
	4"				fBM		N
	5"				BM		N
6							
12949	6"				BM		N
	7"				BM		N
	8"				BM		N
	9"				DM		N
	9				BM		N
	10"				BM		N
	11"				BM		Ν

							Γ
	12"		 	 	BM		N
	1"				BM		 N
	2"				BM		N
	2				DIVI		
	3"				BM		N
	4"				BM		N
	5"		 		BM		N
12950	6"				BM		N
12							
	7"				BM		N
	,				DIVI		
	8"			 	BM	single laminae of quartz and pyrite	N
	9"				BM		N

1							
	10"				BM		Ν
	11"				LM	light grey laminae Wavy, nonparallel, noncontinuous	Ν
	12"	 			BM		N
	1"				LP	Reduction in amount of pyrite upwards	N
	<u> </u>		 				
	2"				LP	Reduction in amount of pyrite upwards	N
						Reduction in amount of pyrite	
	3"				LP	upwards	Ν
						Reduction in amount of pyrite	
	4"	 			LP	upwards	Ν
						Reduction in amount of pyrite	
	5"				LP	upwards	N
11	6"				LP	Reduction in amount of pyrite upwards	N
12951	Ĕ						
						Reduction in amount of pyrite	
	7"				LP	upwards	Ν
•	L					ļļ.	

				-
8"	LP	Reduction in amount of pyrite upwards; higher pyrite here		
9"	LP	Reduction in amount of pyrite upwards		
10"	LP	Reduction in amount of pyrite upwards		
11"	LP	Reduction in amount of pyrite upwards		
12"	LM		Wavy, nonparallel, noncontinuous & Planar, parallel, continuous	
1"	LM			
2"	LM		Wavy to planar, parallel, continuous	_
3"	LM	Very faint, light laminae	Wavy, nonparallel, noncontinuous	
4"	LM	Very faint, light laminae	Wavy, nonparallel, noncontinuous	_
5"	LM	Very faint, light laminae	Wavy, nonparallel, noncontinuous	

							Γ
12952	6"		 		BM		Ν
12							
	7"				BM		N
	<u>/</u>				DIVI		
	8"				BM		Ν
	9"				BM		N
				 	5.01		
	10"				BM		Ν
	11"				BM	Single laminae of coarse quartz	N
					DIVI		
	12"	 			BM		Ν
	1"				LP		N
					LF		
	2"				LP		Ν
	2"						
	3"				BM		Ν



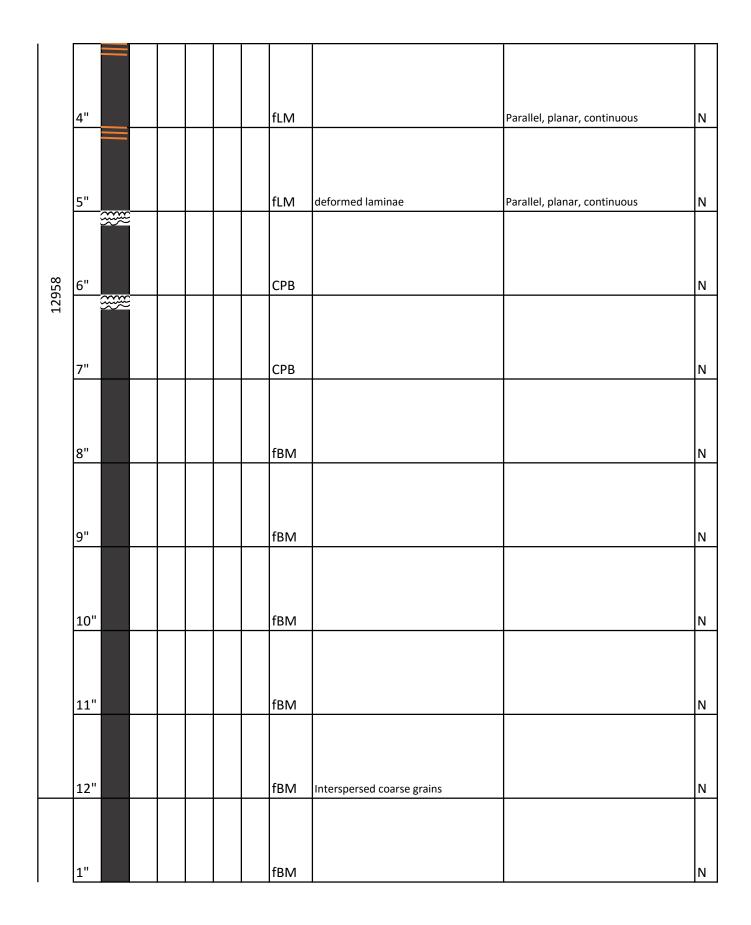
	2"				LP	Sparse pyrite	Ν
	3"				LP	Sparse pyrite	N
	4"				LP	Sparse pyrite	N
	5"				LP	Sparse pyrite	N
4	<b>C</b> "						N
12954	6"				LP	Sparse pyrite	N
	7"				LP	Sparse pyrite	Ν
	8"				LP	Sparse pyrite	N
	9"				LP	Sparse pyrite	N
	10"				LP	Sparse pyrite	N
	11"				ID	Sparce pyrite	N
	LTT				LP	Sparse pyrite	IN

	12"				LP	Sparse pyrite	Ν
	1"				LP	Pyrite becoming more sparse upward	N
	2"				LP	Pyrite becoming more sparse upward	N
	3"				LP	Pyrite becoming more sparse upward	N
	<u>.</u>						
	4"			 	LP		N
	5"				fBM	Interspersed coarse grains	Ν
55	6"				fBM	Interspersed coarse grains	N
12955	0	 		 			
	7"				fBM	Interspersed coarse grains	Ν
	8"				fBM	Interspersed coarse grains	N
	9"				fBM	Interspersed coarse grains	Ν

1	.0"		 	fBM	Interspersed coarse grains		N
1	.1"			fBM	Interspersed coarse grains		N
	.2"			fBM	Interspersed coarse grains		N
1				fLM	mud clasts	Wavy, parallel, noncontinuous	N
2'	,			fBM			N
	-						
3'	3"		 	fBM	Interspersed coarse grains		N
4'	."			fBM			N
5'				fBM	Interspersed coarse grains		N
12956   0_	;"			fBM			N
11							
7'	,			fBM			N

8"	fBM		
9"	fBM	Interspersed coarse grains	
<u> </u>			
10"	fBM	Interspersed coarse grains	
11"	fBM	Interspersed coarse grains	
12"	fBM	Interspersed coarse grains	
1"	fBM		
2"	fBM		
2"	ford		
3"	fBM		
4"	fBM		
5"	fBM		

1							
12957	6"			fBM			N
12							
	7"			fBM			N
	8"			 fBM	Interspersed coarse grains		N
	9"			fBM	Interspersed coarse grains		Ν
	10"			fBM	Interspersed coarse grains		N
	10			IDIVI			
	11"			 fBM	Interspersed coarse grains		N
	12"			fLM	Interspersed coarse grains		N
				<i></i>			
	1"	$\left  \right $	-+	 fLM	Interspersed coarse grains	Parallel, planar, continuous	N
	2"			fLM	Interspersed coarse grains	Parallel, planar, continuous	N
	3"			fLM	Interspersed coarse grains	Parallel, planar, continuous	N
1	<u> </u>			 			



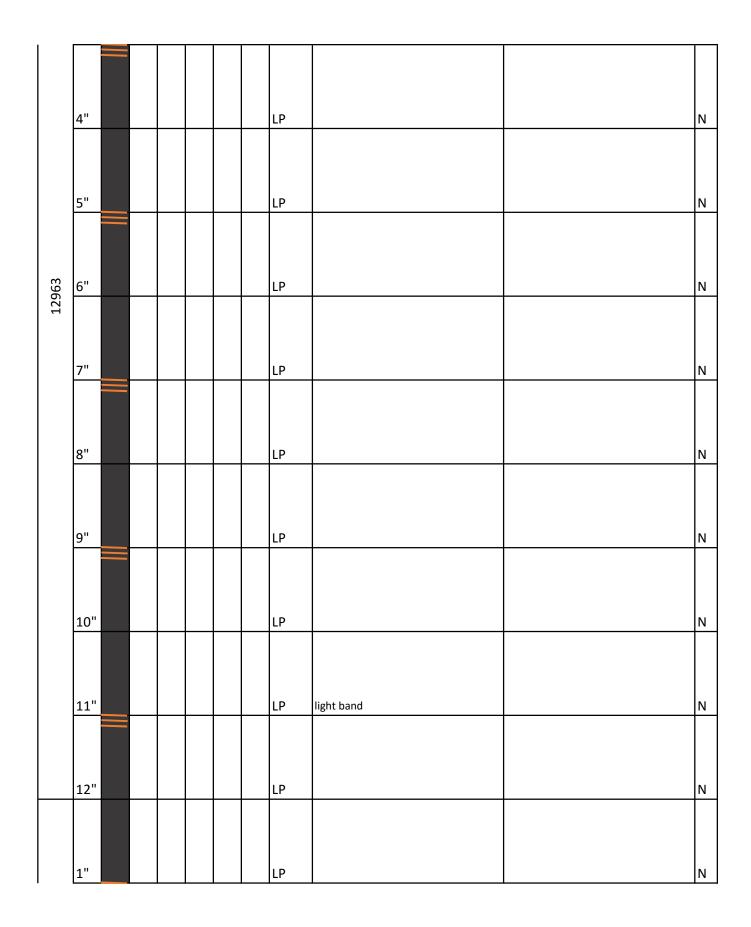
	2"				fBM			Ν
	21				(0) 4			
	3"				fBM	Interspersed coarse grains		N
	4"				fBM			N
	5"				fBM			N
59	6"				fBM			N
12959	-	  ; 						
	7"				СВ	large clasts		Ν
	0"				(0) 4			
	8"		 		fBM			N
	9"				fBM			N
	10"				fLM		Wavy, nonparallel, continuous	N
	11"				fBM			N
	10" 11"				fLM fBM		Wavy, nonparallel, continuous	

	12"				fBM		N
	1"				fBM		N
	2"				fBM	Interspersed coarse grains	N
	3"				fBM	Interspersed coarse grains, mud clasts	N
	4"				fBM	Interspersed coarse grains	N
	5"				fBM	Interspersed coarse grains	N
12960	6"				fBM		N
12							
	7"				fBM		N
	8"				fBM		N
	9"				fBM		Ν

					<b>6- - - -</b>		
	10"		 	 	fBM	Interspersed coarse grains	N
	11"		 		fBM		Ν
	12"				fBM		N
	1"				fLM	Spotty laminae of quartz	N
	- "				<b>6- - - -</b>		
	2"		 		fBM		N
	3"				fBM		Ν
	4"				fBM		N
	5"				fBM		N
	5		 				
12961	6"		 		fBM		N
H H							
	7"				fBM		Ν

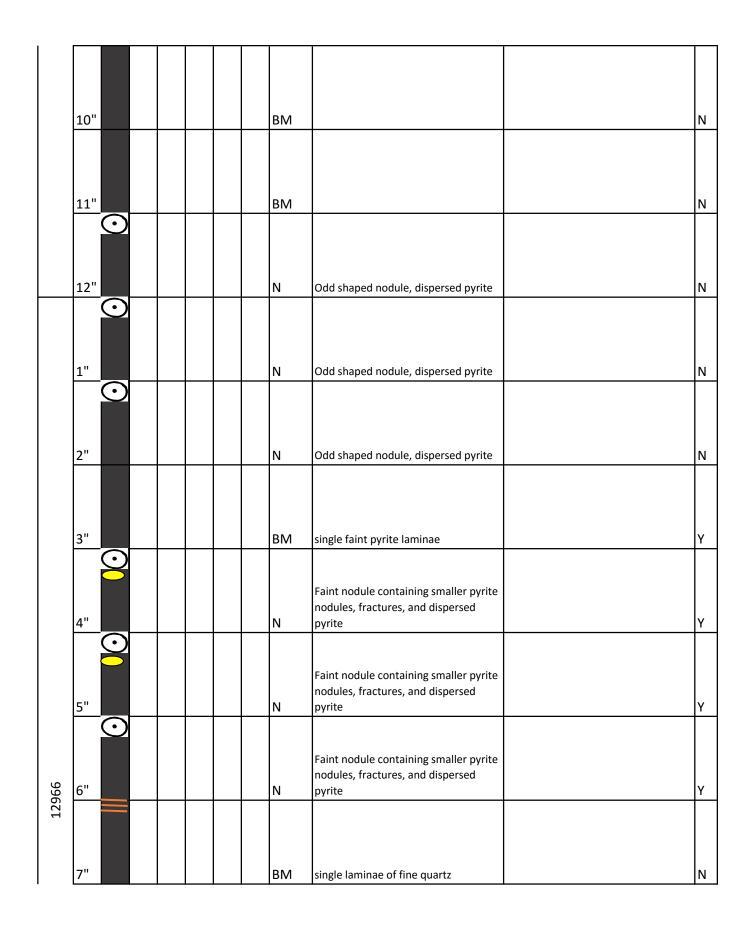
8"	fBM		
9"	fBM		
10"	fBM		
11"	fBM		
12"	fBM	nodules of pyrite/apatite	
1"	fBM		
2"	fBM		
3"	fBM		
4"	fLM		
5"	fLP		

5	<b>C</b> "					(1.5		
12962	6"		_			fLP		N
	7"		_	_		fLP		N
		$\odot$						
	8"					fLP	tan nodule surrounded by white	Ν
	9"					fLP		N
	10"					fLP		N
	11"					fLP		N
		=				ILP		
						_		
	12"		_	_		fLP		N
	1"					LP		Ν
	2"					LP		N
	3"					LP		N
I	Ľ				 L	-'		<u> </u>



	2"		 		LP		N
	3"				LP		N
	5		 				
	4"				LP		N
	- "				. 6		
	5"		 	 	LP	variation in thickness of laminae	N
12964	6"				LP	medium pyrite grains	N
12							
	7"		 		LP		N
	8"				BM		N
	9"		 	 	BM		N
	10"				BM		N
	11"				BM		Ν

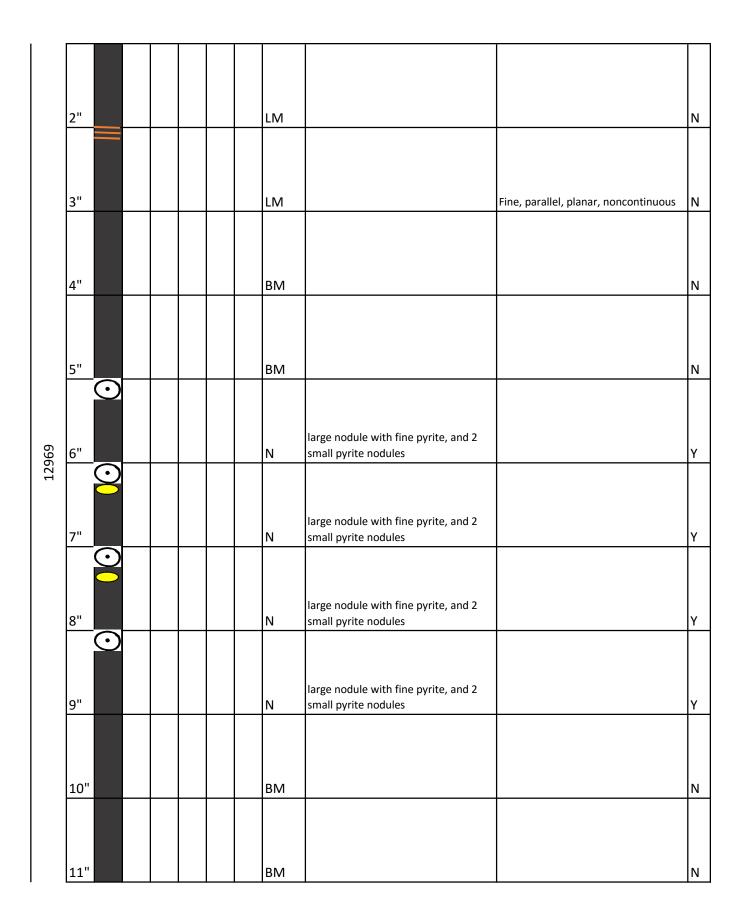
							$\square$
	12"				BM		N
	1"				BM		N
	2"		 		BM		N
	3"				BM		N
			 		DIVI		
	4"				BM		N
	5"				BM		N
12965	6"				BM		N
	7"						
			 		BM		N
	8"				BM		N
							$\square$
	9"				BM		N



8"		BM		
9"		BM		
10"		BM		
11"		BM		
12"		BM		
1"				
1"		BM		
2"		ВM		
3"		BM		
4"		BM		
5"		LM		

1							
12	6"				BM		N
12967	<u> </u>						
	7"				BM		N
	<i>/</i>						
	8"				BM		N
	-						
	9"				BM		N
	10"				BM		N
	11"				BM		Ν
	12"				BM		Ν
	1"				BM		Ν
	2"				BM		Ν
1	3"				BM		Ν

1			- 1				1
	4"				BM	1	Ν
	- 11						
	5"			 	BM		N
12968	6"				BM		N
129	7"				ВМ		N
	<u> </u>			 			
	8"				BM	1	N
	9"				BM	1	N
	10"				BM		N
	11"				BM		N
	12"				BM	1	N
	1"				LM		N

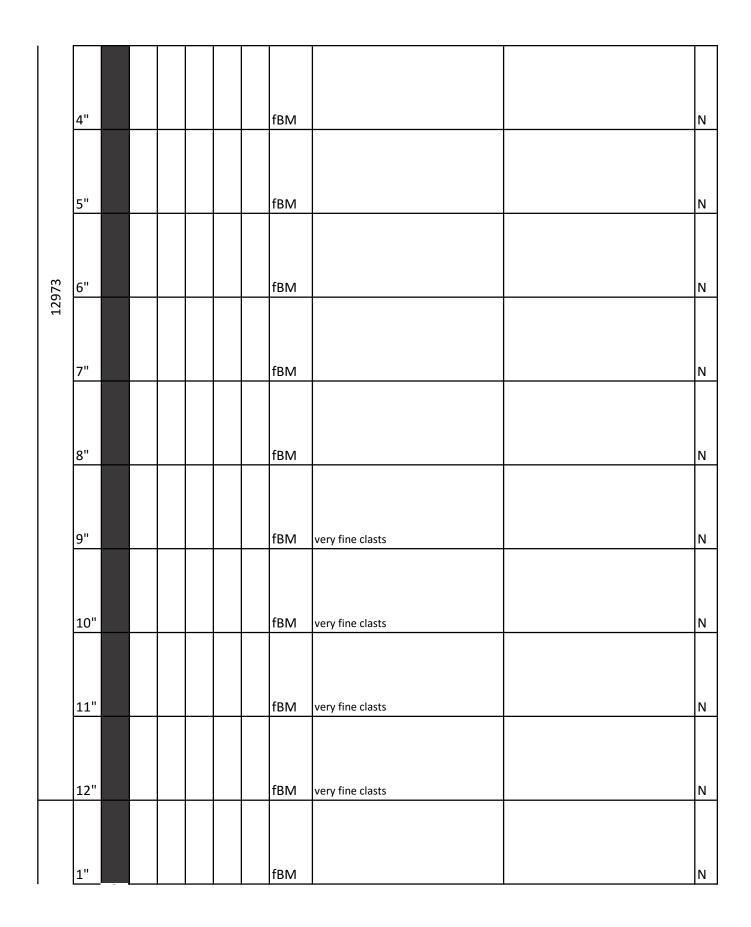


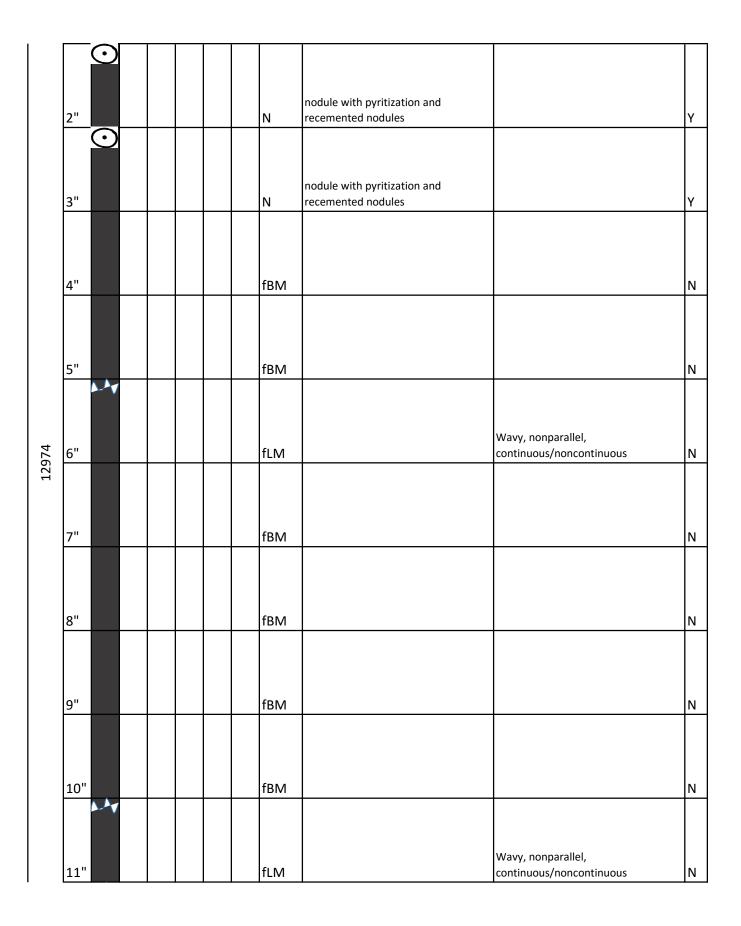
1							
	12"		 		BM		N
	1"				BM		N
	2"				BM	Very fine pyrite	Y
	3"				BM		N
	<u> </u>			 			
	4"				BM		N
						Very fine pyrite and other very fine	
	5"				BM	clasts	N
70	6"				BM		N
12970							
					BM		NI
	7"						
	7"				DIVI		N
	7"				DIVI		IN
	7" 8"				BM		N

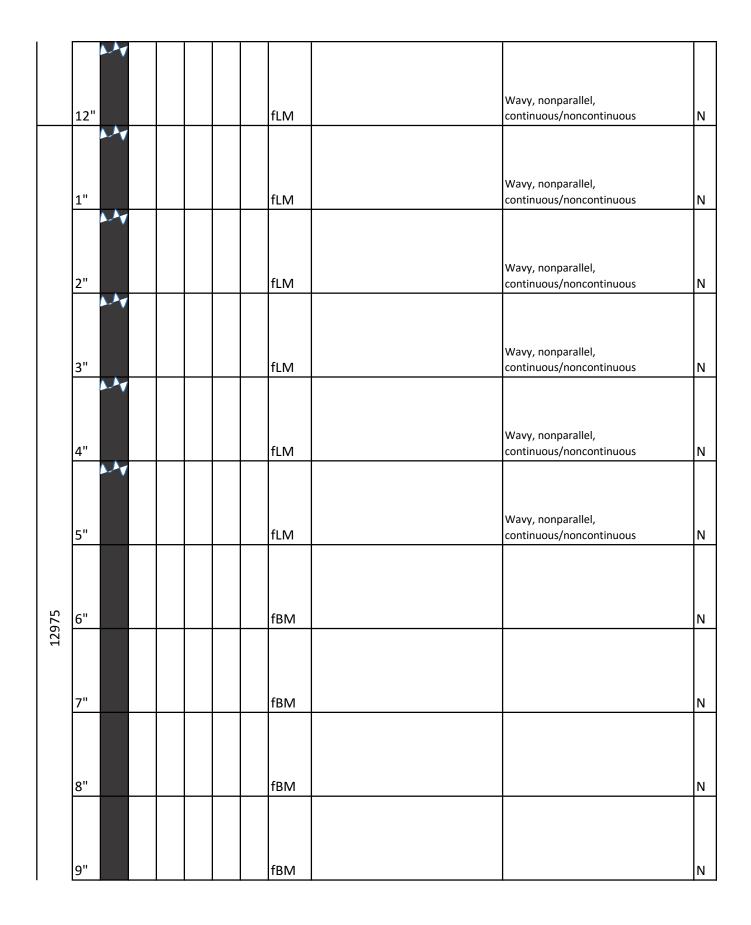
	10"						
	10				BM		N
	11"				BM		N
	12"				BM		N
	1"				BM	Very fine pyrite	N
	2"				BM		N
	3"				ВM		N
	4"				BM		N
	5"			 	BM		N
12971	6"		 	 	BM		N
	7"				BM		N

8"	ВМ	
9"	BM	
10"	ВМ	 
11"	BM	
12"	ВМ	
1"	BM	
2"	ВМ	
3"	BM	
4"	ВМ	
5"	BM	

1							
						reduction in amount of pyrite	
72	6"				fLP	upwards	N
12972							
						reduction in amount of pyrite	
	7"				fLP	upwards	Ν
	8"				£1 D	reduction in amount of pyrite	
	8		 		fLP	upwards	N
	9"				fBM		N
	10"				fBM		Ν
	11"				fBM		N
	12"				fBM		N
	1"				fBM	fine black reflective clasts	N
	2"				fBM		Ν
	3"				fBM		N
1	3						IN

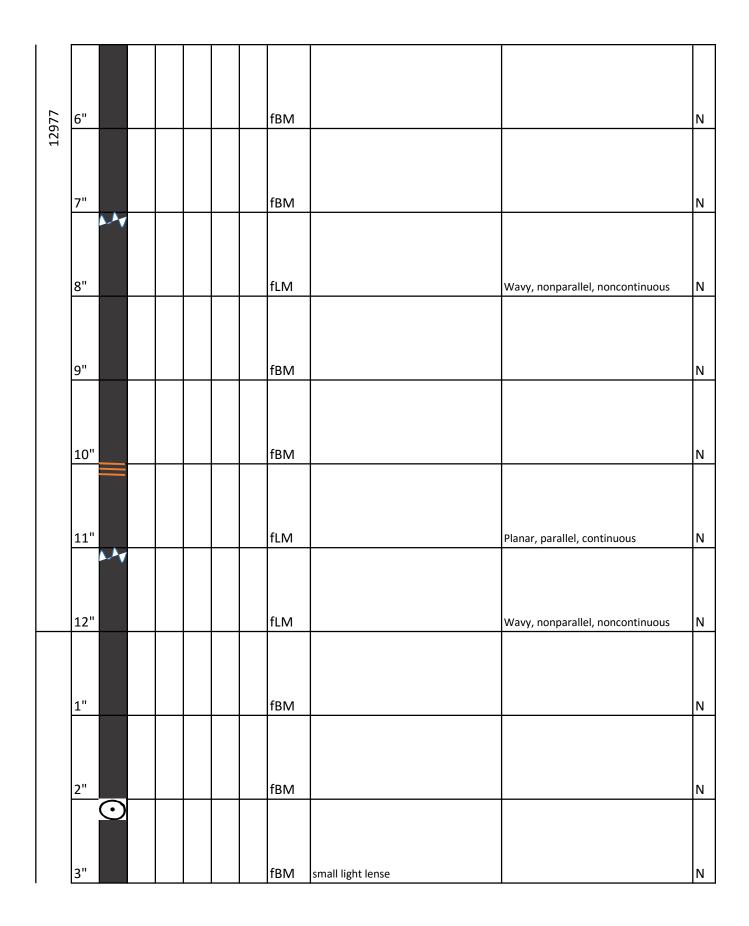


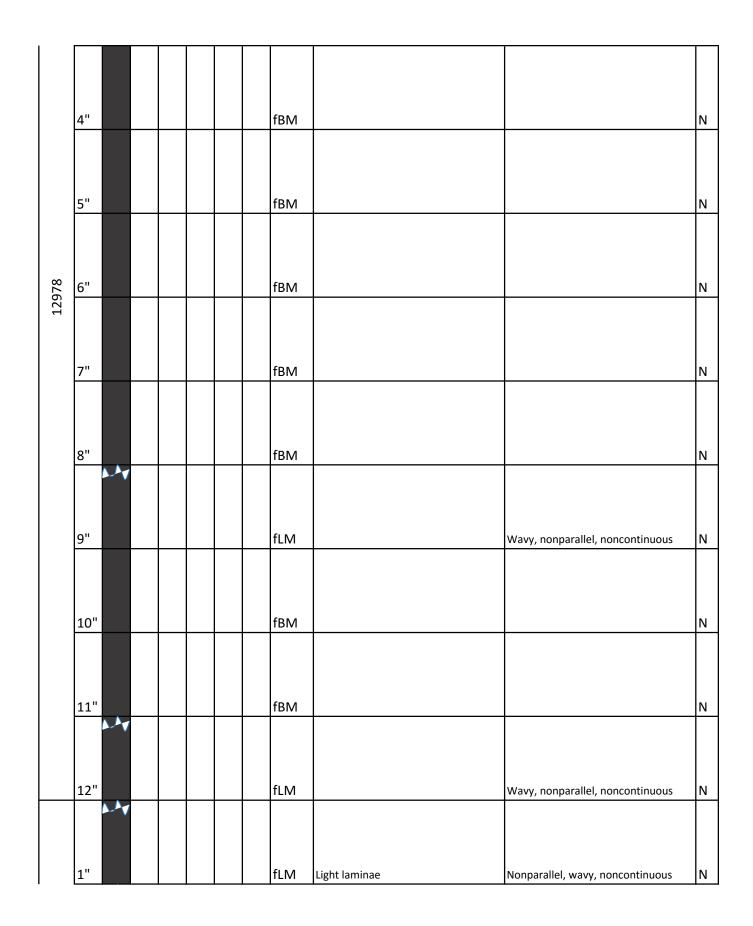


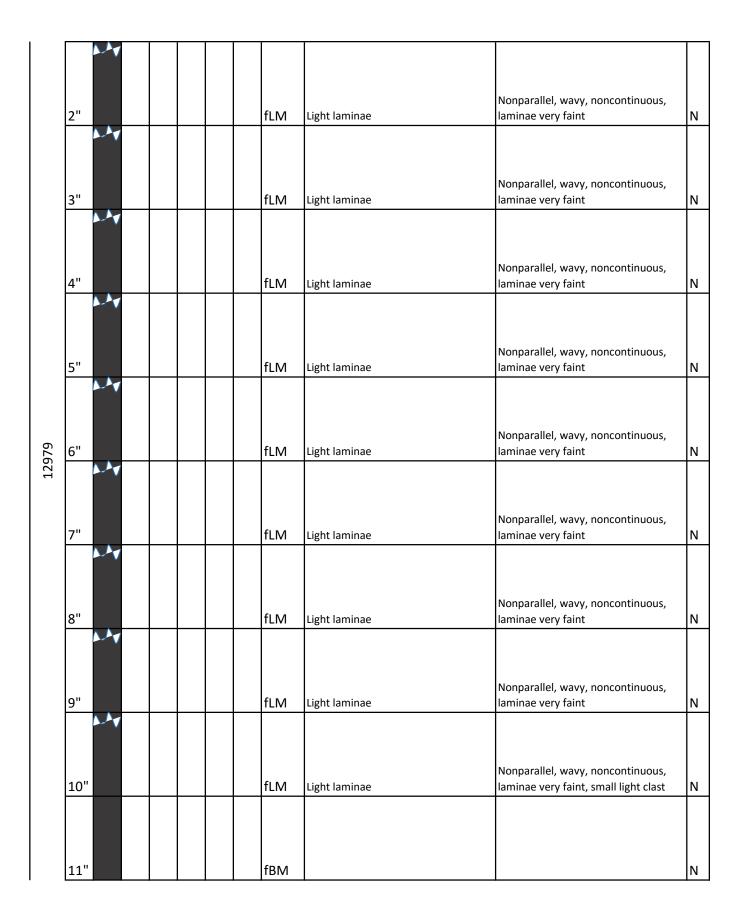


	10"				fBM	grouped small clasts	Ν
	11"				fBM		N
	1.211				fD 1 4		
	12"				fBM		N
	1"				fBM		Ν
	2"				fBM		N
	0.11				(0) (		
	3"		 		fBM		N
						single light laminae, small light clasts	
	4"				fBM	grouped	Ν
	5"				fBM	single light laminae	N
9	<b>c</b> "				(D) (		
12976	6"				fBM		N
	7"				fBM		N

8"	fBM	
9"	fBM	
10"	fLM	
11"	fLM	Wavy, nonparallel, noncontinuous
12"	fBM	
1"	fLM	Planar, parallel, continuous
2"	fBM	
2		
3"	fBM	
4"	fBM	
5"	fBM	







1								
					<b>6- - - -</b>			
	12"		 	 	 fBM			N
	1"				fBM			Ν
		$\odot$						
	2"				fBM	light lense, small light grouped clasts		Ν
	3"				fBM			Ν
	4"				fBM			N
	5"				fBM			N
80	6"				fBM			N
12980								
	7"				fBM			N
	0"				£I N A		Wavy, nonparallel, continuous to	
	8"			-+	 fLM	brown laminae, small brown clasts	noncontinuous	N
	9"				fBM			Ν

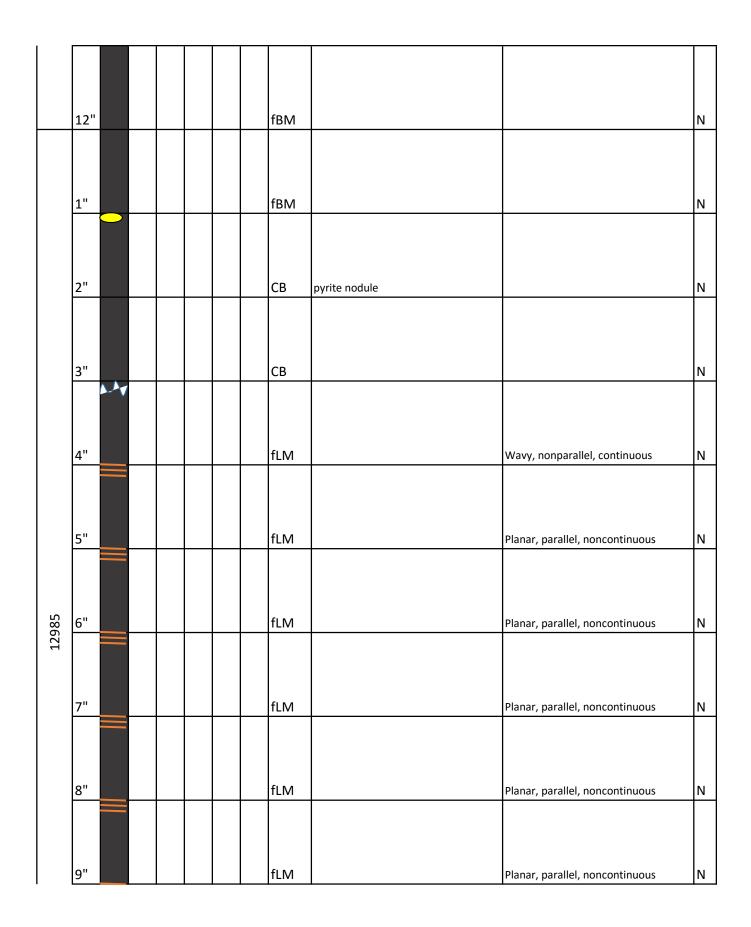
		•••						
	10"				FLM	light laminae	Wavy, nonparallel, noncontinuous	N
					( <b>-</b> • •			
	11"		 		fBM			N
	12"				fBM	small nodules	flame-like structures	Ν
	1"				fBM			N
	2"				fBM			Ν
	3"				fBM			N
	4"		 		fLM	light laminae		N
	5"				fBM			N
12981	6"		 		fBM			N
	7"				fLM	some small mud clasts	planar, parallel, continuous	N

8"				fLM	light laminae	wavy, nonparallel, noncontinuous	
9"				fBM			
10"				fLM			
11"				fBM			
12"				fLM	light laminae	wavy, nonparallel, noncontinuous	
1"				fLM			
	$\sim$						
2"				fLM	several light lenses	wavy, nonparallel, noncontinuous	
3"				fBM			
							-
4"		+		fBM			
5"				fBM			

		$\overline{\mathbf{O}}$						
12982	6"				fLM	several light lenses	wavy, nonparallel, noncontinuous	N
129								
	7"		 	 	fBM			N
	8"				fBM			N
					(0.14			
	9"			 	fBM			N
	10"			 	fBM			N
	11"				fD M			
	11"			 	fBM	single light lense		N
	12"			 	fBM			N
	1"				fBM			N
	-							
	2"			 	fBM			N
	3"				fBM			N

	4"				СВ	light and tan clasts	N
	5"				fBM		N
33	6"				fBM		N
12983	0						
					(0.14		
	7"				fBM		N
	8"			 	fBM		N
	9"	$\mathcal{D}^{-}$		 	fBM		N
	10"	$\overline{O}$		 	fBM	small light lenses	N
						light colored lense w/ brown round	
	11"				fBM	center	N
	12"				fBM		N
	1"				fBM		N

	2"		 	 	fBM		N
	3"				fBM		N
	4"		 	 	fBM		N
					<b>6</b>		
	5"				fBM		N
4					(5) (		
12984	6"				fBM		N
	7"				fD M		
	/				fBM		N
	8"				fBM		N
	0			 	IDIVI		
	9"				fBM		N
	5				IDIVI		
	10"				fBM		N
	11"				fBM		N
	<u> </u>						

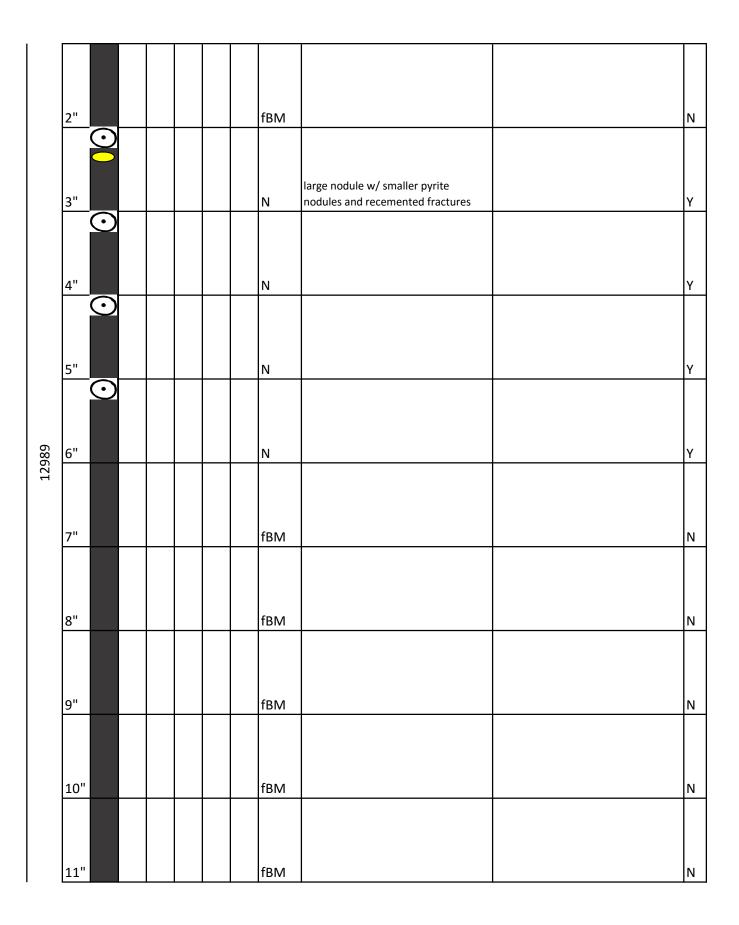


	10"		fLM	Planar, parallel, noncontinuous	N
	11"		fLM	Planar, parallel, noncontinuous	N
	12"		fLM	Planar, parallel, noncontinuous	N
	1"		fBM		N
	2"		fBM		N
	3"		fBM		N
	5				
	4"		fBM		N
	<b>.</b>				
	5"		fLM	wavy laminae	N
12986	6"		fLM		N
12					
	7"		fLM		N

fLM	
fLNA	
fLM	
fLM	
fBM	
fBM	
fBM	
fBM	
fBM	
	fLM

1								1
~	<b>C</b> 11				£1 N A			
12987	6"		 	 	fLM			N
H H								
					( <b>a</b> . )			
	7"			 	fBM			Ν
	- "				<b>6</b> - 1 - 1			
	8"				fBM			Ν
	9"				fBM			Ν
	10"				fBM			Ν
	11"				fBM			Ν
	12"				fBM			Ν
	1"				fBM			Ν
	2"				fBM			Ν
	3"				fBM			N
						1	I	

1										Т
	4"						fBM			N
	Ĭ	$\sim$							noncontinuous white laminae	
	5"						СРВ	apatite	condensed above CPB	N
88	6"						fBM			N
12988										
	7"						fBM			N
	,									
	01						(5) (			
	8"						fBM			N
	9"						fLM		2 thin light laminations	N
	10"						fBM			N
	11"						fBM			N
			T	T	T	T				
	12"						fBM			N
	1"						fD M			
l	1						fBM			Ν



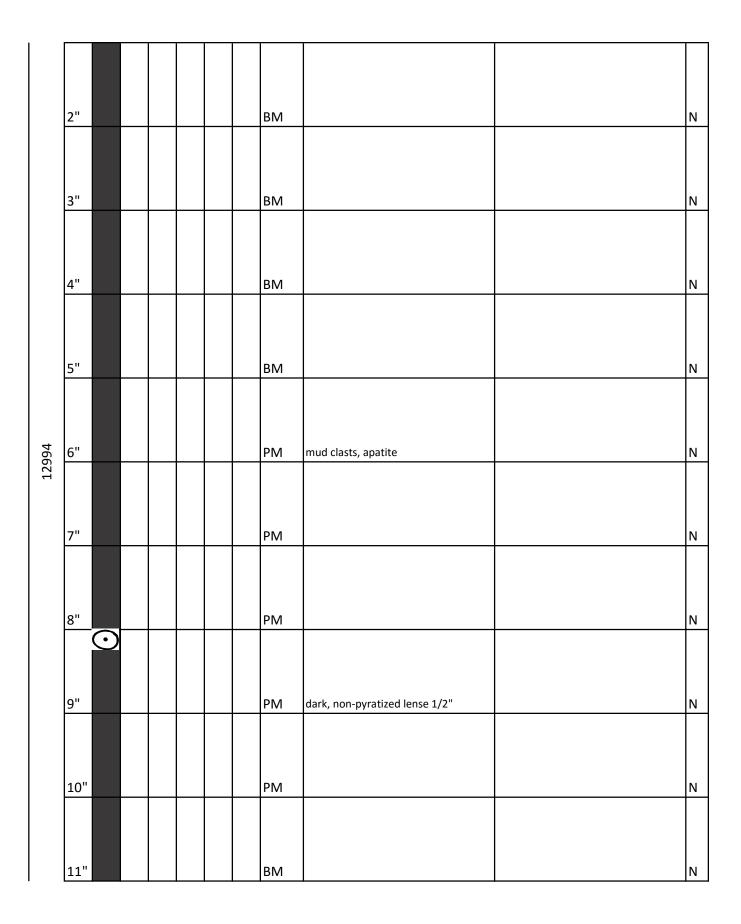
	12"				fBM		N
	1"				fBM		N
	2"		+		fBM	single thin light band	N
	3"			_	fBM		Ν
	4"				fBM		N
	- "				(2) (		
	5"				fBM		N
12990	6"			_	fBM		N
	7"				fBM		N
			T				
	8"				fBM		N
	0		+				
	9"				fBM		Ν

	10"				fBN	М			N
	11"				fBN	М		noncontinuous white laminae	N
	12"				fBN	М			N
	1"				fBN	М			Ν
	2"				fBN	M			Ν
	3"				fBN	М			Ν
	4"	 			flp	)			N
						_		parallel, planar, noncontinuous white	
	5"	-+		-+	fln	Л		laminae becoming fainter upwards	N
	c"				£1.0	л		parallel, planar, noncontinuous white	
12991	6"	-+			fln	VI		laminae becoming fainter upwards	N
	7"				fLN	Л	light band with small nodules	parallel, planar, noncontinuous white laminae becoming fainter upwards	N
I	Ľ					VI	iigiit ballu with shiali nouules		

8"	fLM	parallel, planar, noncontinuous white laminae becoming fainter upwards
9"	fLM	parallel, planar, noncontinuous white laminae becoming fainter upwards
10"	fLM	parallel, planar, noncontinuous white laminae becoming fainter upwards
11"	fLM	parallel, planar, noncontinuous white laminae becoming fainter upwards
12"	fLM	parallel, planar, noncontinuous white laminae becoming fainter upwards
1"	fLP	parallel, planar, noncontinuous white laminae becoming fainter upwards
2"	fLP	parallel, planar, noncontinuous white laminae becoming fainter upwards
3"	fLP	parallel, planar, noncontinuous white laminae becoming fainter upwards
5		
4"	fBM	
+		
5"	fBM	

02	6"				fBM				N
12992	0			 	IDIVI				
	7"				fBM				N
	8"				fLP				N
	9"				fLP				N
	10"				fLP				N
	11"				fLP				N
	12"				fLP				N
	12								
	1"				LP				N
	2"				LP				N
	3"				LP				N

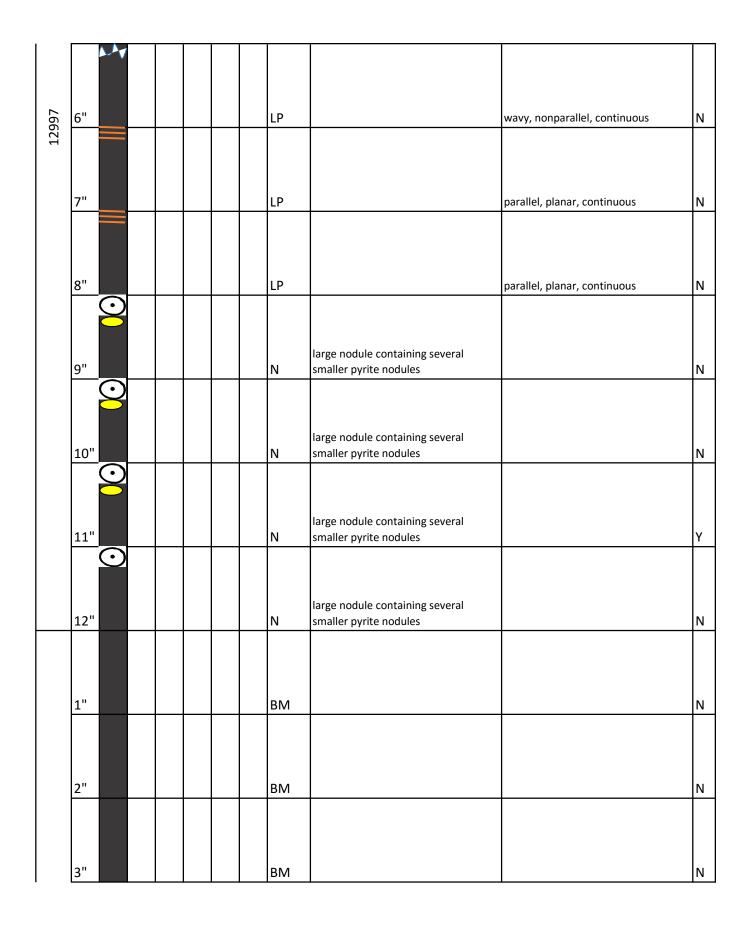
1							
	9						
ũ							
	4"				СРВ	apatite	N
	5"		 		СРВ	apatite	Ν
	6"				МС	brown and white clasts	N
12993	0		 		IVIC		
	7"				мс		N
	8"		 		BM		Ν
	9"				BM		N
	_				DIVI		
	10"				BM		Ν
	11"				BM		N
	12"				BM		N
	1"				BM		Ν



	12"		 		BM		N
	1"				LM		N
	<u> </u>						
	2"				BM		N
	211				<b>DM</b>		
	3"			 	BM		N
	4"				BM		N
	5"			 	LM		N
12995	6"				BM		N
129							
	7"		 		BM		N
	8"				BM		N
			 		5141		
	9"				BM		N

	10"				LP		N
	11"				LP		N
	12"				ID	light hand with studelites	
	12				LP	light band with stylolites	N
	1"		 		LP		N
	2"				LP		N
	3"				мс		N
	4"				LP		N
	İ.						
	5"				LP		N
12996	6"			 	LP		Ν
	7"				LP		N

			1	<del></del>
8"		LP		N
9"		LP		N
10"		LP		N
11"		LP		N
12"		LP		N
1"		LP	parallel, planar, continuous	N
2"		LP	parallel, planar, continuous	N
3"		LP	parallel, planar, continuous	N
4"		LP	parallel, planar, continuous	Ν
5"		LP	wavy, nonparallel, continuous	Ν



1							ſ	1	1
	4"				BN	1			N
	5"				BN	1			Ν
98	6"				BN	1			N
12998	7"				BN	Л			N
	8"		 		LP				Ν
	9"				LP				N
	10"				LP				Ν
	11"				M				N
	12"			$\square$	M	2			Ν
	1"				M	2			Ν

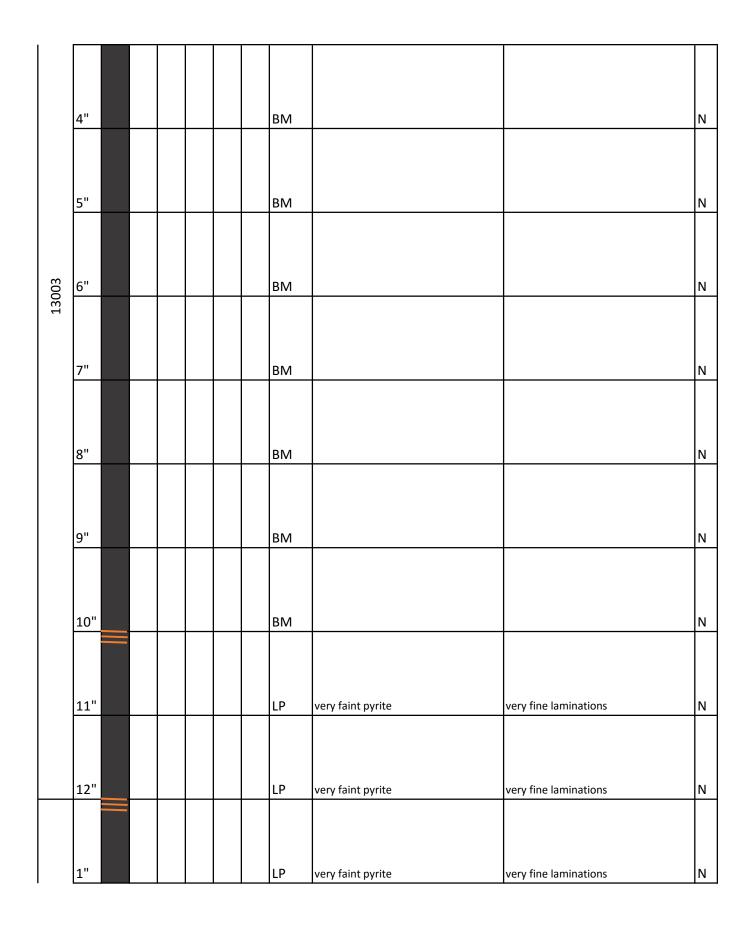
	21						
	2"				MC		N
	3"				LP	thick light band w/ pyrite nodule	N
	4"				LP		N
	5"				BM		N
6	6"				BM		N
12999					DIVI		
	7"				MC		N
	8"				MC		N
	9"				LM		N
	10"				LM		N
						<b>6</b> • • •	
	11"				LP	faint	Ν

	12"				BM		N
	1"				BM		N
	2"				BM		N
	3"		 		мс		N
	4"				BM		N
	5"				BM		N
13000	6"		 		BM		N
1							
	7"		 		BM		N
	8"		 		BM		 N
	9"				BM		N

1							
	10"				вм		N
	11"				BM		Ν
	12"				LP	fine and faint	N
	1"				BM		Ν
	211				DN 4		
	2"				BM		N
	3"				вм		N
	4"				BM		Ν
	5"				BM		N
	F						
13001	6"				BM		Ν
13							
	7"						N
	/				BM		Ν

0"				5 N A		
8"				3M		
9"			E	BM		
10"			E	3M		
11"		_		3M		
12"			E	BM		
1"				.Р		
2"		_		.P		
3"			L	.Р		
4"				ИC		
5"			E	BM		

1							
13002	6"				BM		Ν
13							
	7"				BM		N
	8"				BM		N
	-						
	9"						NI
	9				BM		N
	10"			 	BM		Ν
	11"				BM		Ν
	12"				BM		N
	1"				BM		N
	_				5.01		
1	2"				DAA		
1	2"				BM		N
	3"				BM		Ν



	2"				LP	very faint pyrite	very fine laminations	N
	3"				LP	very faint pyrite	very fine laminations	Ν
	4"				BM			N
	5"				BM			N
13004	6"				BM			N
13								
	7"		 		BM			N
	8"				BM			N
	0		 	 	DIVI			
	9"				BM			N
	10"				BM			N
	11"				BM			Ν

[							Γ
	12"				BM		Ν
	1"						
	1		 	 	BM		N
	2"				BM		Ν
	<b>.</b>						
	3"				BM		N
	4"				BM		N
	5"				LP		Ν
35	6"				LP	very faint pyrite	N
13005	•						
	7"				LP	very faint pyrite	Ν
	8"				LP	von faint nurita	N
	0					very faint pyrite	
	9"				LP	very faint pyrite	Ν

	10"		 	 	LP	very faint pyrite		N
	11"				LP	very faint pyrite		Ν
	12"				LP	very faint pyrite		N
	1"		 		BM			N
	2"				BM			Ν
	3"				вм			N
	<b>A</b> ''							N
	4"		 	 	BM			N
	5"				BM			Ν
13006	6"				BM			N
130								
	7"				BM			N
I	<u>′</u>				ויום			

				T
8"		BM		
9"		BM		
10"		BM		
11"	+ $+$	BM		_
12"		ВМ		
				-
1"		BM		_
21				
2"		BM		-
3"		BM		
4"	+ $+$	BM		-
5"		ВM		

1	<u> </u>								
13007	6"					BM			Ν
13									
	7"					BM			Ν
	8"					вм			N
	-					 DIVI			
	9"					 BM			Ν
	10"					BM			N
	11"					BM			Ν
	12"					BM			Ν
1									
	1"					BM			N
	<u>⊢</u>								
	2"					BM			Ν
	3"					ВМ			N
1	<u> </u>		I	I	<b></b>	 · ·	<u>I</u>	1	

	4"		 		BM	very sparse very fine pyrite	Ν
	5"				BM	very sparse very fine pyrite	N
~							
13008	6"		 		BM	very sparse very fine pyrite	N
1							
	7"				BM	very sparse very fine pyrite	Ν
	8"				PL	very faint pyrite	N
	0		 		ΓL		
	9"		 		PL	very faint pyrite	Ν
	10"				BM		N
	11"	-+		 	BM		N
	12"				BM		 Ν
	1"				BM		N
	- I						LIN

	2"		 	 	BM			Ν
	3"				BM			Ν
	4"				BM			N
	5"				BM			N
	5			 	DIVI			
-								
13009	6"				LM			Ν
Ĥ								
	7"				LM	light bands, some pyrite	noncontinuous, parallel, planar	Ν
	8"				BM			N
	9"				BM			N
	9		 		DIVI			
	10"				BM			N
	11"				BM	pyrite layer		Ν

1						
	12"				BM	N
	1"				BM	Ν
	2"		 		BM	Ν
	3"				BM	N
	5		 		DIVI	
	4"				MC	Ν
	5"				BM	Ν
0	<b>C</b> "					
13010	6"		 		LM	N
	7"				BM	N
	8"				BM	Ν
	9"				BM	Ν

	10"				LM	noncontinuous, parallel, planar	N
	11"	 	 		BM		N
	12"				BM		N
	1"				BM		N
				 	DIVI		
	2"				BM		N
	3"				BM		N
	4"				MC		N
	5"				BM		N
	-						
13011	6"	-+			BM		N
	7"				BM		N

8"	BM	
9"	BM	
10"	BM	
11"	BM	
12"	BM	
1"	BM	
	DIVI	
2"	BM	
3"	BM	
4"	BM	
5"	BM	

1							
13012	6"				BM		N
13							
	7"				BM		N
	8"				BM		N
	_						
	0"						N
	9"			 	BM		N
	10"				BM		N
	11"				BM		N
	12"				BM		N
	1"				BM		N
	-				DIVI		
	2"				BM		N
	3"				BM		Ν

1							1
	4"				BM		N
	5"		 		BM		N
13013	6"				BM		N
13							
	7"				BM		N
	/		 		DIVI		
	8"				BM		N
	9"				BM	thin brown band, white ring	N
					Bitti		
						sparse very fine pyrite, red-brown	
	10"				BM	band	N
	11"				BM	sparse very fine pyrite	N
	12"			-+	BM	sparse very fine pyrite	 N
	1"				BM	sparse very fine pyrite	N

	2"				BM	sparse very fine pyrite	N
	3"				BM	sparse very fine pyrite	N
	4"				LP		N
	5"				BM		N
13014	6"				BM		N
	7"				BM		N
	8"				BM		N
	0				DIVI		
	9"				BM		N
	10"				BM		N
	11"				BM		N

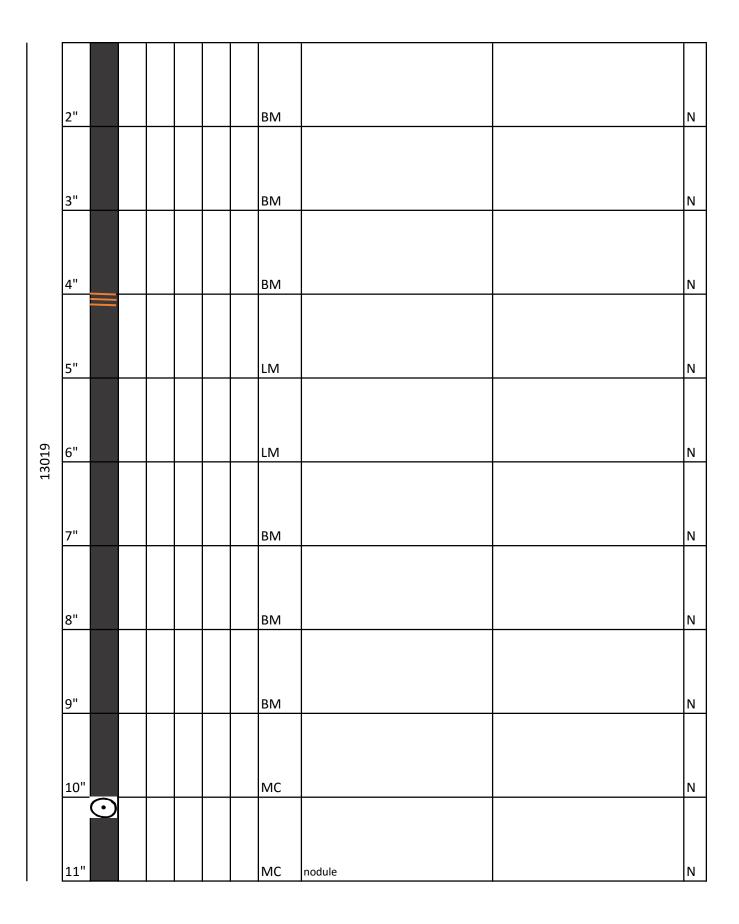
1							
	12"				BM		Ν
	1"		 		BM		Ν
	2"				BM		N
					5.00		
	3"				BM		Ν
	4"		 		 BM		N
	5"				BM		N
13015	6"		 		BM		Ν
13							
	7"				BM		N
	/				 DIVI		
	8"				MC		Ν
				T			
	9"				MC		Ν

	10"				LP		N
	11"				LP		N
	12"				LP		N
	1"				LP		N
	2"				LP		N
	3"				LP		N
	4"				LP		N
	5"				BM		N
13016	6"				BM		N
13							
	7"				мс		N

8"	BM	
9"	вм	
10"	вм	
11"	BM	
4.2.11		
12"	BM	
1"	BM	
2"	вм	
3"	вм	
4"	BM	
5"	BM	

1								
17	6"				вм			N
13017	-							
	7"				вм			N
	8"				ВМ			Ν
	9"				BM			Ν
	10"				BM			Ν
	11"				BM			Ν
	12"				BM			Ν
	1"							
	<b>_</b>			$\left  \right $	BM			N
	2"				BM			N
	-							
	3"				мс			N
I	Ľ		I		····•	1	1	. <b>.</b> .

		\$					
	4"			мс	pyratized burrow	bioturbation	N
	5"			BM			N
8	6"			BM		single thin light laminae	N
13018							
	7"			LP			N
	8"			LP			N
	9"			 LP			N
	10"			LP			N
	11"			LP			N
	12"			LP			N
	1"			ВМ			N



	12"				MC		N
	1"				DM		N
					BM		N
	2"			 	BM		N
	3"				BM		N
	4"				DM		N
	4				BM		
	5"		 		BM		N
13020	6"				мс		N
13(							
	7"						
	/				BM		N
	8"		 		BM		N
	9"				BM		N

10"       BM         11"       BM         11"       BM         11"       BM         12"       BM         11"       BM         11"       BM         11"       BM         11"       BM         11"       BM         11"       BM	N N N
11"     BM     irregularly shaped pyrite       12"     BM	N
11"     BM     irregularly shaped pyrite       12"     BM	N
12"     BM	
	N
	N
	N
1" BM	
1" BM	
1" BM	
	N
2" BM	N
3" BM	N
4" BM	N
5" BM	N
7 6" BM	N
6"BM	
7" BM	N

			Ι				-
8"				BI	Л		
9"				LP		pyrite fining upwards, light band	
10"	_	_	<u> </u>	LP		pyrite fining upwards	-
11"				LP		purito fining unuarda	
		+				pyrite fining upwards	-
12"				LP		pyrite fining upwards	
1"				LP		pyrite fining upwards	
2"		_		LP		pyrite fining upwards	-
0.11							
3"				LP		pyrite fining upwards	-
4"				LP		pyrite fining upwards	
		1					-
5"				LP		pyrite fining upwards	

1					[		
2	6"				LP	pyrite fining upwards	N
13022	0		 				
	7"				LP	pyrite fining upwards	N
	8"				LP	pyrite fining upwards	N
	9"				LP	pyrite bed	Ν
	10"				BM		Ν
	11"				BM		Ν
	12"		 		BM		Ν
	1"						
	1				BM		N
	2"				BM		N
					5141		
	3"				BM		N
I	<u> </u>				L		<u> </u>

1			1	1		
	4"				вм	N
	4				DIVI	N
	5"		 		LP	Ν
23	6"				BM	N
13023						
	711					
	7"		 		BM	N
	8"				ВM	Ν
	9"				BM	N
	-					
	10"		 		LM	Ν
	11"				BM	Ν
				T		
	12"				BM	N
	12		 		וייוט	IN
	1"				BM	Ν

	2"				BM		N
	2		 	 			
	3"				BM		N
	4"				BM		Ν
	5"			 	BM		Ν
13024							
	<b>C</b> "						
	6"				BM		N
Ţ							
	7"				BM		N
	-						
	8"				BM		N
	9"				BM		Ν
		$\odot$					
	10"				BM	nodule	N
	11"				BM		N
	11				ועום		

1							I
	12"				BM		N
	1"				BM		N
	2"				BM		N
	3"				BM		<u>N</u>
	4"				BM		N
	4				DIVI		
	5"				вм		N
13025	6"				BM		N
13(							
	7"				BM		N
	0"						
	8"				BM		N
	9"				BM		N
I							

								1
	10"					вм		N
	11"					вм		N
	12"			 		BM		Ν
	1"			 		BM		N
	2"					вм		
	2			 		DIVI		N
	3"					BM		N
	-							
							Pyrite fine, faint, and sparse,	
	4"					LP	decreasing upwards	N
								1
							Pyrite fine, faint, and sparse,	
	5"					LP	decreasing upwards	Ν
		T	T	Ī	_			
							Pyrite fine, faint, and sparse,	
13026	6"					LP	decreasing upwards	Ν
13								
							Pyrite fine, faint, and sparse,	
	7"					LP	decreasing upwards	Ν

8"		LP	Pyrite fine, faint, and sparse, decreasing upwards	
9"		LP	Pyrite fine, faint, and sparse, decreasing upwards	
10"		LP	Pyrite fine, faint, and sparse, decreasing upwards	
11"		BM		
12"		BM		
1"		BM		
2"		BM		
3"		BM		
4"		вм		
5"		BM	brown layer	

1							
13027	6"			 	BM		N
H H							
	7"				BM		Ν
	8"				BM		Ν
	9"				BM		 Ν
	10"				BM		Ν
	11"				BM		Ν
	12"				вм		Ν
	1"				вм		N
	2"				LP	laminae varying in thickness	N
	3"				LP	laminae varying in thickness	N
I	Ľ				l - ,	and the first first includes.	L

			1				
	4"				LP	laminae varying in thickness	N
	5"				LP	laminae varying in thickness	Ν
13028	6"				LP	laminae varying in thickness	Ν
11							
	7"				LM		Ν
	8"				LM		Ν
	9"				BM		 Ν
	10"				LP		N
	11"				BM		 N
	12"				BM		N
	1"				LP		N

				- 1			
	2"				LP		N
	3"				 BM		Ν
	4"						
	4		 		BM		N
	5"				BM		N
13029	6"				BM		N
13							
	7"				BM		N
	8"				BM		N
					5		
	9"				BM		N
	10"				BM		N
	11"				BM		Ν

1							
	12"				BM		Ν
	1"		 		 BM		Ν
	2"				BM		N
	3"				BM		Ν
	4"				BM		N
	<u> </u>				5		
	5"				BM		Ν
0	6"				BM		N
13030	6"		 		 DIVI		
	7"				BM	faint laminations in transition	Ν
	8"				 GM	faint laminations in transition	N
	9"				GM	faint laminations in transition	N
•			 • • • •	· · · · ·			

	10"				GM	small sandy patch	faint laminations in transition	N
	11"				GM			N
	12"				GM			N
	1"			+	GM			N
	2"				GM			N
	Í							
	3"		_	$\left  \right $	GM			N
	4"				GM			N
	5"				GM			N
31	6"				GM			N
13031	Ť		+	$\uparrow$				
	7"				GM			N

8"	GM	
9"	GM	
10"	GM nodule	
11"	GM	
12"	GM	
1"	GM	
2"	GM	
3"	GM	
4"	GM	
5"	GM	

13032	6"				GM		Ν
13(							
	7"		 	 	 GM		Ν
	8"				GM	large sandy patch	N
					GIVI		
		4					
	9"				GM	large sandy patch	Ν
	10"				GM	large sandy patch	Ν
	11"				GM	light spot	N
	12"				GM	light spot	N
	1"				BM		Ν
	2"				BM		N
	<u> </u>		 		וייום		
	3"				BM		N
I	Ľ				5.01		1

1							1
	4"			BM			N
	5"			 BM	_		N
13033	6"			BM			N
13							
	7"						
	/		 	BM			N
	8"			 BM			N
	9"			BM			N
	10"		 	 BM			N
	11"			 BM			N
	12"			BM			N
	1"			BM			Ν

	2"				BM		N
	3"				BM		N
	4"				BM		Ν
	<b>-</b> "						N1
	5"				BM		N
34	6"				BM		N
13034	_						
	7"				BM	sparse very fine pyrite	Ν
	8"				BM	sparse very fine pyrite	Ν
	9"				BM	sparse very fine pyrite	N
	5						
	10"				BM	sparse very fine pyrite	N
	11"				BM	sparse very fine pyrite	Ν

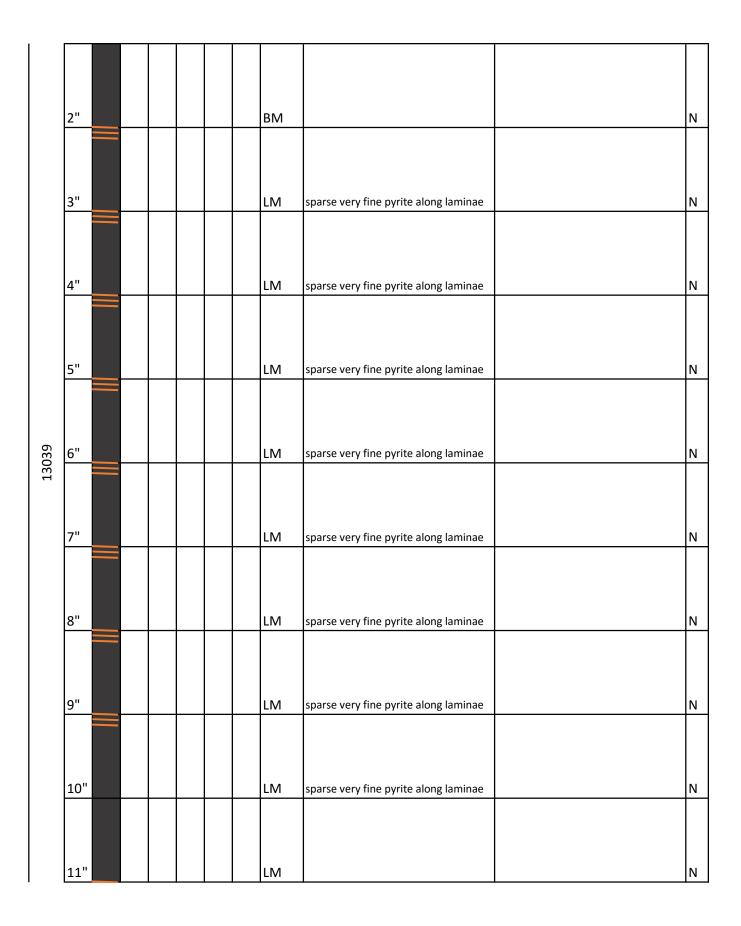
12"				BM	sparse very fine pyrite		N
4.11							
1"		 	 	BIM			N
2"				BM			N
3"				LP			N
۵"				IP	some coarse pyrite		N
·							<u> </u>
					como coarco purito, light color		
5"				LP	surrounding nodules		N
- 11							
6"		 	 	 LP			N
7"				LP			N
8"				LP			N
9"				BN/			N
	1" 2" 3" 6" 7"				1"           BM         2"           BM         3"           BM         3"           BM         4"           BM         5"               6"               6"               7"               8"	1"	1"

1							
	10"				BM		Ν
	11"				BM		N
	<u> </u>				DIVI		IN
	12"				BM		Ν
	1"						
	1"				BM		N
	2"				BM		N
	3"				BM		N
	4"				BM		N
	5"				BM		Ν
36	6"				BM		N
13036							
	7"				BM		Ν

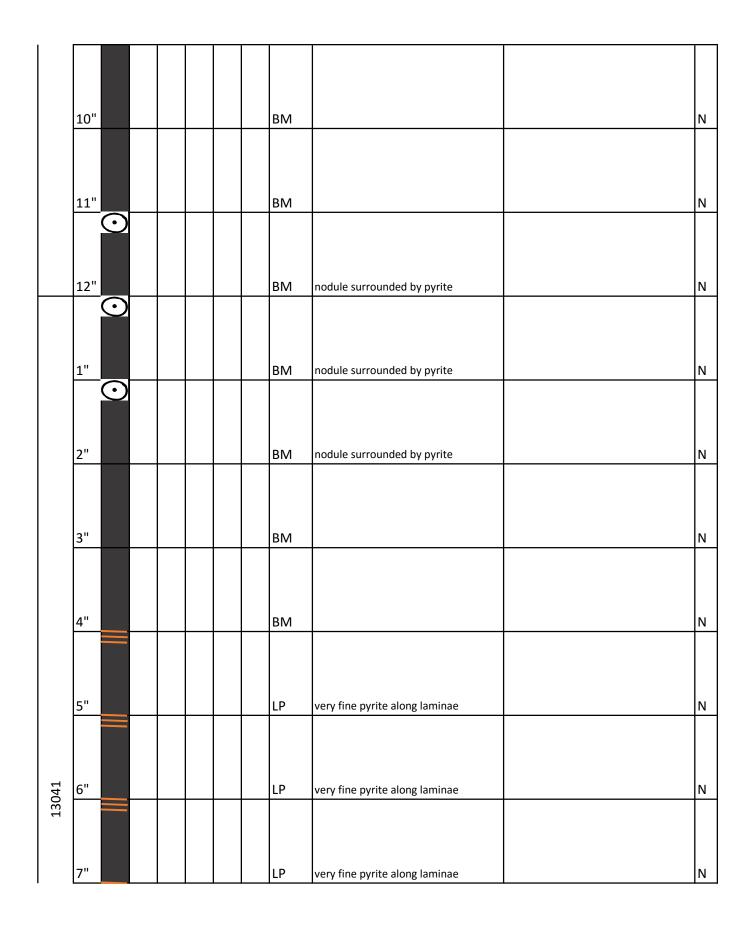
					Т
8"		E	3M		N
9"		E	ЗM		r
10"		E	3M		r
11"			ЗM		r
			5101		ť
12"		<u> </u> E	BM		٢
1"		E	3M		ľ
2"		E	ЗM		r
3"		E	BM		r
4"			ЗM		r
					ť
5"			P	fine pyrite along laminae	ſ

ECOT       6"       LP       fine pyrite along laminae         7"       LP       fine pyrite along laminae         8"       LP       fine pyrite along laminae	N N
7" LP fine pyrite along laminae	
7" LP fine pyrite along laminae	
7" LP fine pyrite along laminae	N
	N
	<u> </u>
8" LP fine pyrite along laminae	
8" LP fine pyrite along laminae	
8"     LP     fine pyrite along laminae	
	N
9" BM	N
	N
10" BM	N
11" BM	Ν
12" BM	N
1" BM	N
2" BM	Ν
3" BM	N

1				1			1	
	4"				BM			N
	4							
	5"				BM			N
	611							
13038	6"		 		 BM			N
	7"				BM			N
	8"		 		 BM	sparse pyrite		N
	9"				BM			N
	10"				BM			N
	11"				BM			N
	12"				BM			N
	1"				BM			Ν



1										$\square$
	12"				L	LM				N
	1"				L	LM				N
	2"				L	LM				Ν
	3"		 			LM				N
	4"					LM				N
	4									
	5"				L	LM				N
13040	6"				L	LM				Ν
13										
	7"		 		L	LM				N
	8"	$\left  \right $		-+		LM				N
	9"					LM				N
1	9				[L	LIVI				IN



8"				LP	very fine pyrite along laminae		
9"	_			LP	very fine pyrite along laminae		
10"				LP	very fine pyrite along laminae		
	=						
11"				LP	very fine pyrite along laminae	light laminae	
12"				ВM			
1"				BM	sparse very fine pyrite		
2"		-	-	BM	sparse very fine pyrite		
3"				BM	sparse very fine pyrite		
4"		-		BM	sparse very fine pyrite		
5"				ВМ			

1								
13042	6"				BM			Ν
13								
	7"				BM			N
	<u> </u>				Bitti			
	8"		 		BM			Ν
	9"				BM			N
	10"				BM			N
	11"				BM			N
	1.2"							
	12"		 		BM			N
	1"				BM			Ν
	2"				LP	sparse very fine pyrite		N
	Ľ–				LT	sparse very mie pyrite		
						very fine pyrite along laminae,		
						variation in thickness of laminae,		
	3"				LP	coarse pyrite	pyritized bioturbation	Ν
-								

	4"			LP	very fine pyrite along laminae, variation in thickness of laminae, coarse pyrite	pyritized bioturbation	N
	5"			LP	very fine pyrite along laminae, variation in thickness of laminae, coarse pyrite	pyritized bioturbation	N
143	6"			LP	very fine pyrite along laminae, variation in thickness of laminae, coarse pyrite		N
13043	7"			LP	very fine pyrite along laminae, variation in thickness of laminae, coarse pyrite		N
	8"			BM	sparse very fine pyrite		N
	9"						
				BM	sparse very fine pyrite		<u>N</u>
	10"			BM	sparse very fine pyrite		<u>N</u>
	11"			BM	sparse very fine pyrite		<u>N</u>
	12"			BM			N
	1"			BM			N

							$\square$
	2"				BM		N
	3"				BM		N
	4"				LM		N
							<u> </u>
	5"				LM		N
13044	6"				LM		N
1							
	7"				BM		N
	/				DIVI		
	8"				BM		N
	9"				BM		N
	10"				BM		N
	11"				BM		N

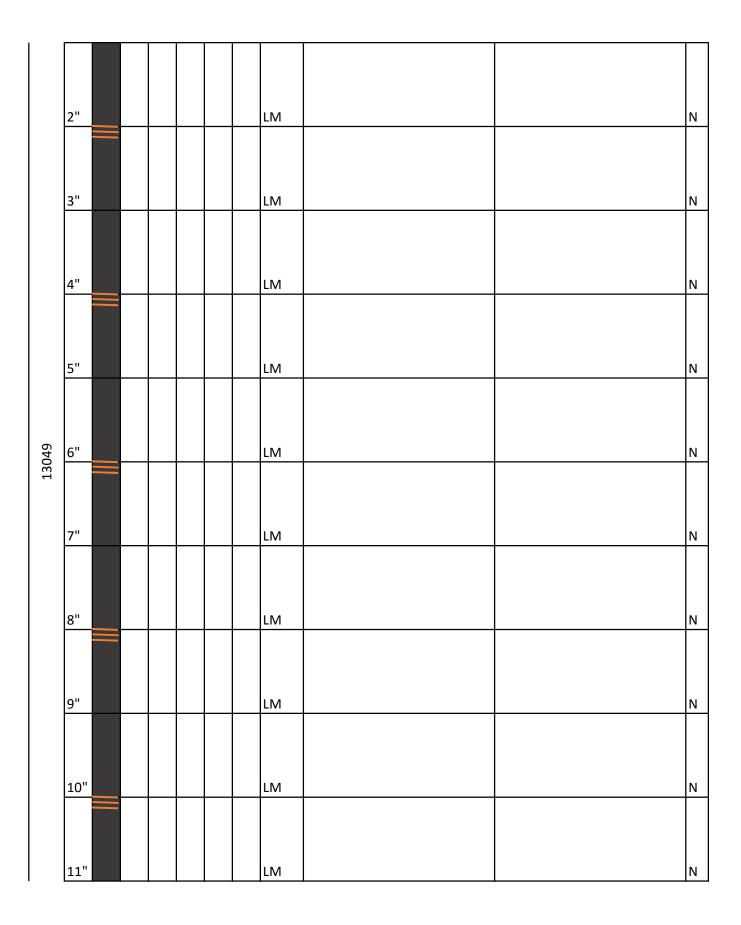
	12"				BM		Ν
	1"				LM		N
	1						
	2"				LM		Ν
	<b>2</b> "				1.5.4		N
	3"				LM		N
	4"				LM	sparse very fine pyrite	N
	5"		 		LM	sparse very fine pyrite	Ν
45	6"				LM	sparse very fine pyrite	N
13045							
	7"	-	 		LM	sparse very fine pyrite	Ν
	8"				LM	sparse very fine pyrite	N
	-	-+					
	9"				LM		Ν

	10"		 		LM		Ν
	11"				LM		N
	4.011						
	12"			 	LM		N
	1"				LΜ		Ν
	2"				LM		N
	2	=					
	3"		 	 	LM		Ν
	4"				LM		N
						nuvita hatugan laminas	
	5"				 LM	pyrite between laminae	N
13046	6"				 LΜ		Ν
13							
	7"				LM		N
	Ľ.				L		1

8"	LM		
9"	LM		
10"	LM		
11"	LM		
11			
12"	LM		
1"	LM		
2"	LM		
3"	LM	brown nodule within laminae	
4"	LM		
5"	LM		

1							
147	6"				LM		Y
13047							
	7"				LP	very fine pyrite	Y
	8"				LP	very fine pyrite	N
	0						
	9"				LM		Ν
	10"	 	 		LM		Y
	11"				LM		Y
	12"				LM		Ν
	4.1				1.5.4		V
	1"				LM		Y
	2"				LM		Y
	3"				LM		Y

	4"				LM	light laminae with very fine pyrite	N
	5"				LM		Y
13048	6"				LM		Y
13(							
	7"				LM		Y
	8"				LM		Y
	9"				LM	brown layers	N
	10"				LM		N
	11"				LM		Y
	12"				LM		Y
	1"				LM		N

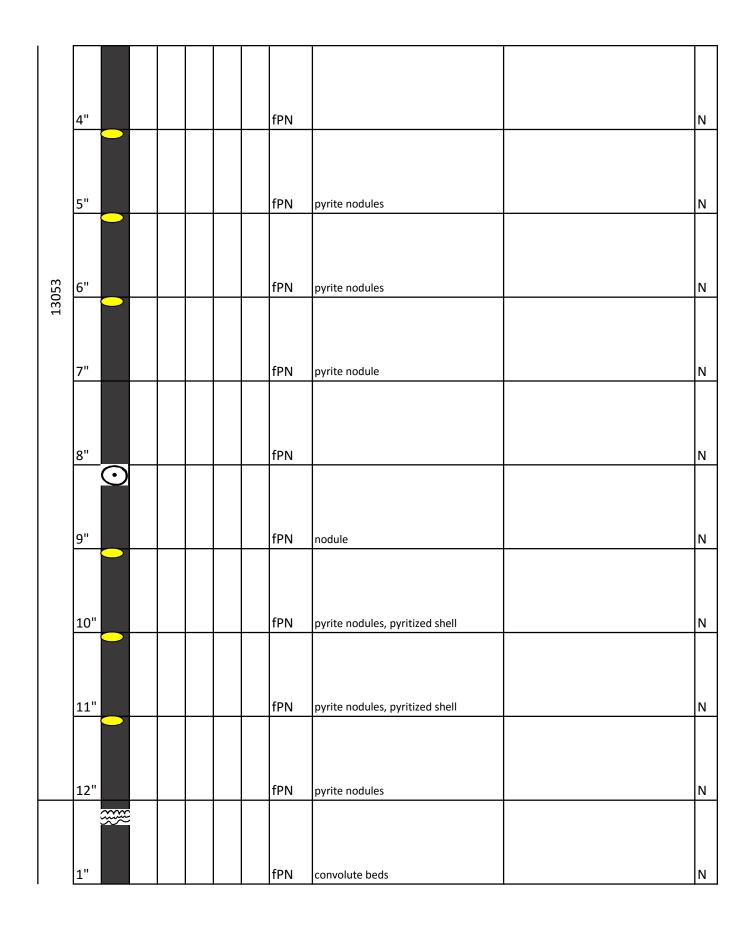


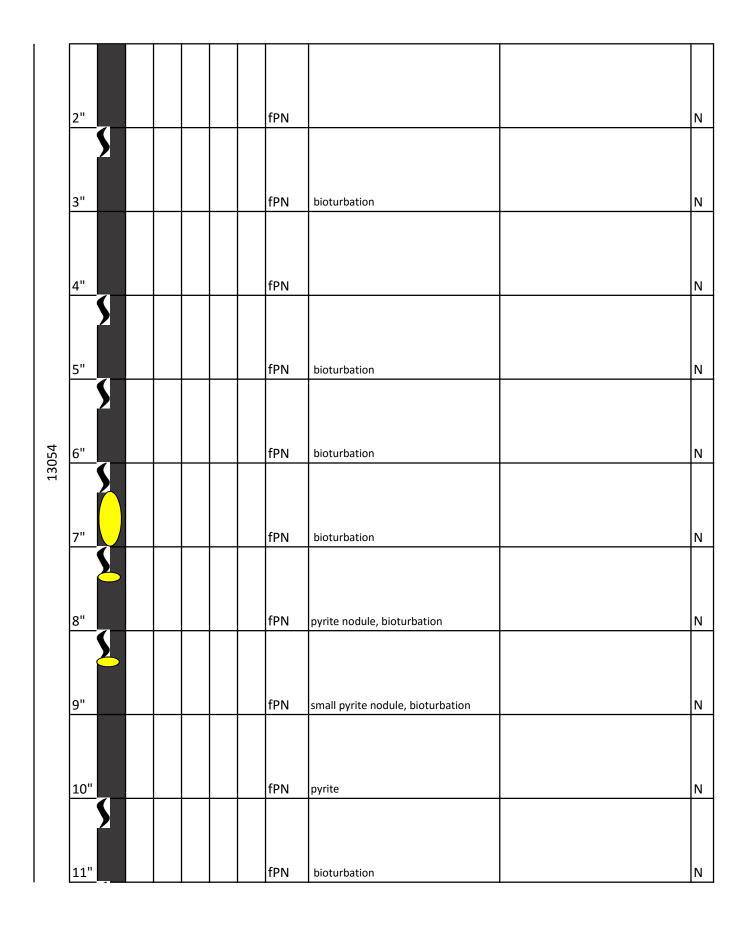
	12"				LM		N
	1"				LM		N
	2"				LM		N
	2	=	 				
	3"				 LM		N
	4"				LM		N
	5"				LM		N
50	6"				LM		N
13050	-						
	7"				LM		N
	8"				 LM		N
	9"				LM		N

			Γ					
	10"	 _			M			N
	11"			L	M	lighter colored laminations		Ν
	12"				M	lighter colored laminations		N
							continuous parallel planar laminations	
	1"	 _		L	M		of varying thickness	N
							continuous parallel planar laminations	
	2"			L	M		of varying thickness	N
	3"				M		continuous parallel planar laminations of varying thickness	N
							continuous parallel planar laminations	
	4"	 _		L	M	very fine pyrite	of varying thickness	N
	5"				M	very fine pyrite	continuous parallel planar laminations of varying thickness	N
	6"				NA	von fino purito	continuous parallel planar laminations	N
13051		+			M	very fine pyrite	of varying thickness	N
						very fine pyrite, sparse pyrite	continuous parallel planar laminations	
	7"			L		between laminae	of varying thickness	Ν

					continuous parallel planar laminations	
8"			LM	very fine pyrite	of varying thickness	Ν
9"			LM		continuous parallel planar laminations of varying thickness	N
5			2.111			
10"			LM		continuous parallel planar laminations of varying thickness	N
					continuous parallel planar laminations	
11"			LM		of varying thickness	N
1.0.11					continuous parallel planar laminations	
12"			LM		of varying thickness	N
1"			LM		continuous parallel planar laminations of varying thickness	N
					continuous parallel planar laminations	
2"			LM		of varying thickness	N
					continuous parallel planar laminations	
3"			LM	pyrite nodule cut by laminations	of varying thickness	Ν
4"		_	LM		continuous parallel planar laminations of varying thickness	N
1			LM	major facies change	continuous parallel planar laminations of varying thickness	N

1	<u> </u>	<u></u>				
13052	6"			СРВ	numerous pyrite nodules decreasing upwards	N
13		<u></u>				
	7"	<u></u>		СРВ	numerous pyrite nodules decreasing upwards	N
		~~~~				
	8"			СРВ	numerous pyrite nodules decreasing upwards	N
	9"			 fPN		N
	10"			 fPN		N
	11"			 fPN		N
	12"			fPN		N
						N
	1"			fPN	pyrite nodules	N
	2"			fPN	pyrite nodules	N
	3"			fPN		N



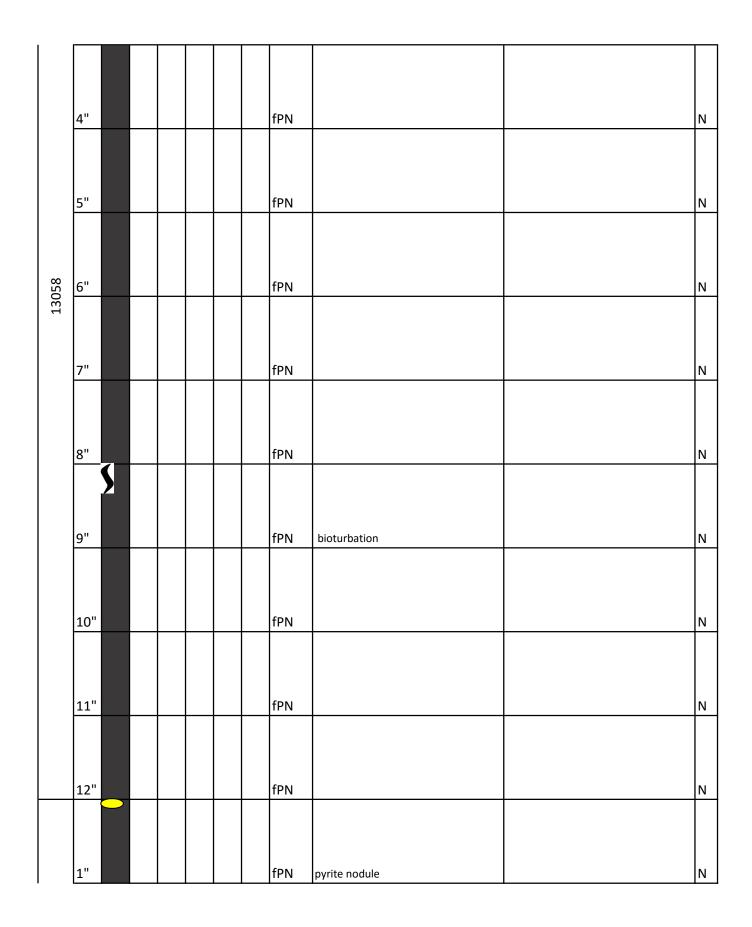


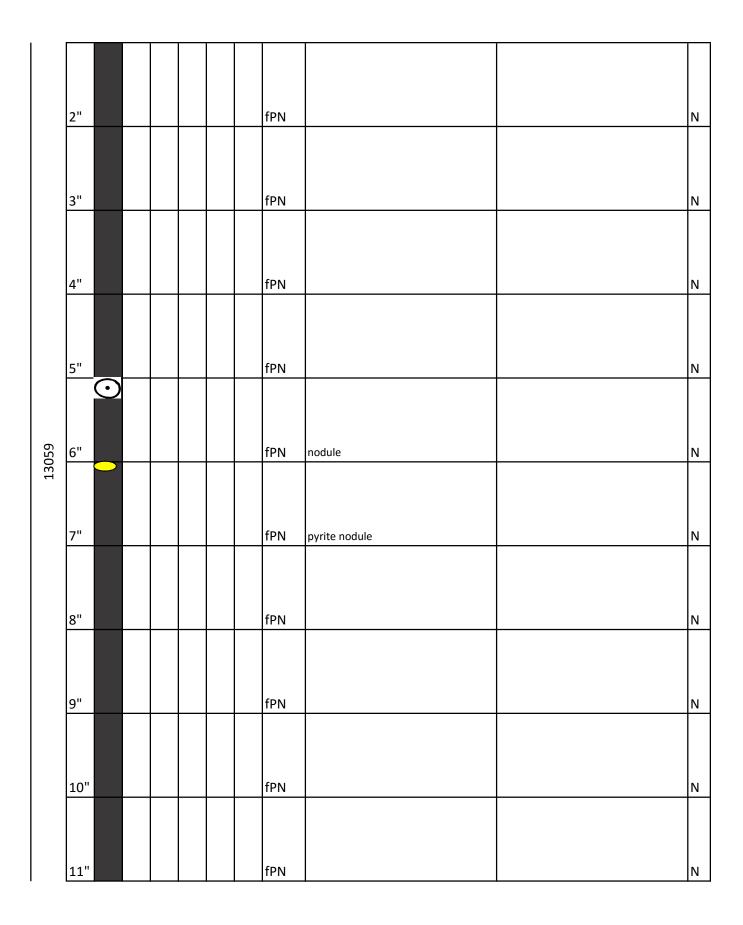
1							
		2					
	12"				fPN	bioturbation	Ν
	1"				1 DN		
	1			 	 fPN		N
	2"				fPN		Ν
	3"				fPN		N
	5				IPN		
	4"				fPN		Ν
		$\odot$					
	5"				fPN	nodules	
	5				TPN	nodules	N
13055	6"				fPN		N
13(							
	7"				fPN		
	<u>/</u>						N
	8"				fPN		N
	0"				for the second sec		
	9"				fPN		Ν

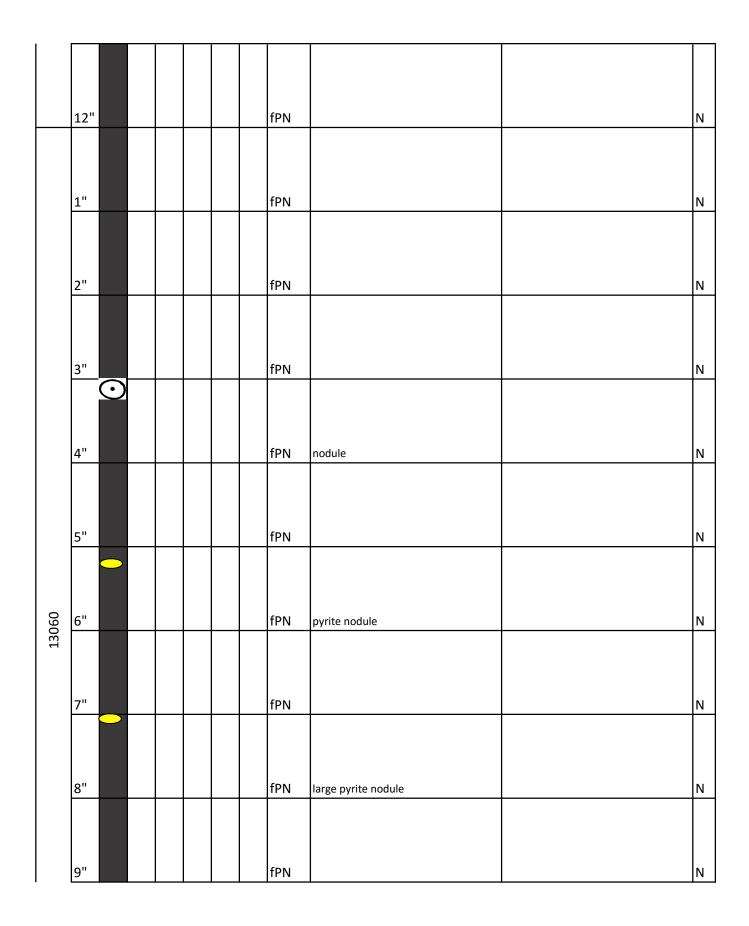
	10"				fPN				N
	11"				fPN				N
	12"		 		fPN				N
	1"		 	 	fPN				N
	2"				fPN				N
	2				IPIN				
	3"				fPN		w	vavy beds	N
	4"				fPN				N
	5"		 		fPN				N
13056	6"				fPN				N
	7"				fDN				
I	Ľ				fPN				N

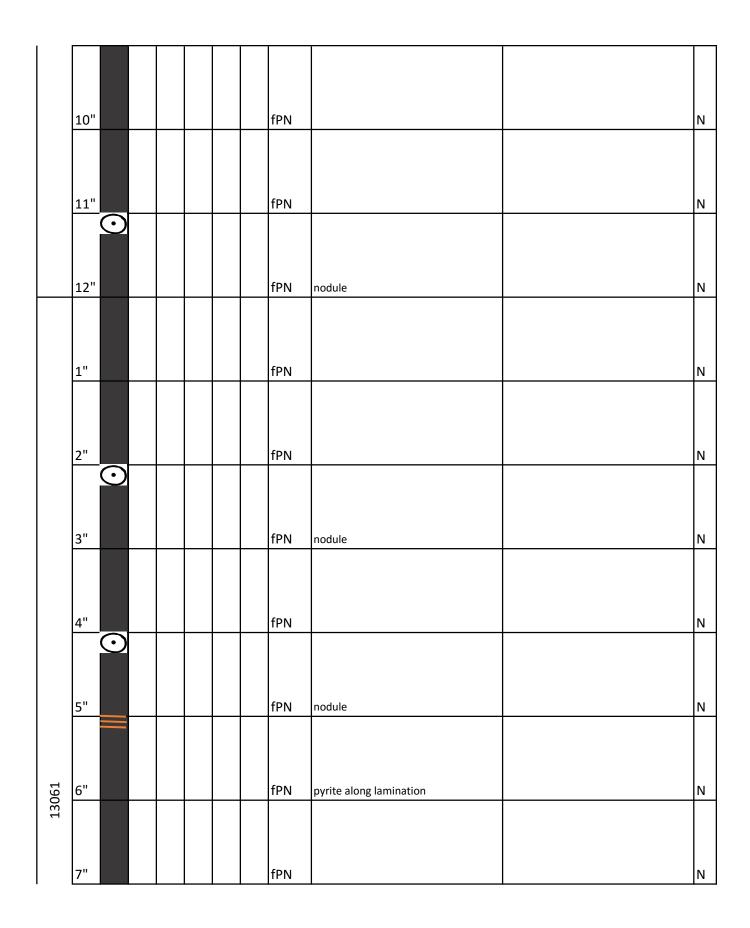
				-
8"		 fPN		_
9"		 fPN		_
10"	$\downarrow$ $\downarrow$	 fPN		_
11"		 fPN		-
12"		fPN		
1"		fPN		
2"		fPN		
3"		fPN		
4"		fPN		
5"		fPN		

)57	6"				fPN		Ν
13057							
	7"				fPN		Ν
	8"				fPN		N
	0						
	9"				fPN		Ν
	10"	 	 		fPN		Ν
	11"				fPN		N
	12"				fPN		Ν
					(0.1)		
	1"				fPN		N
	2"				fPN	pyrite nodule	N
	3"				fPN		Ν



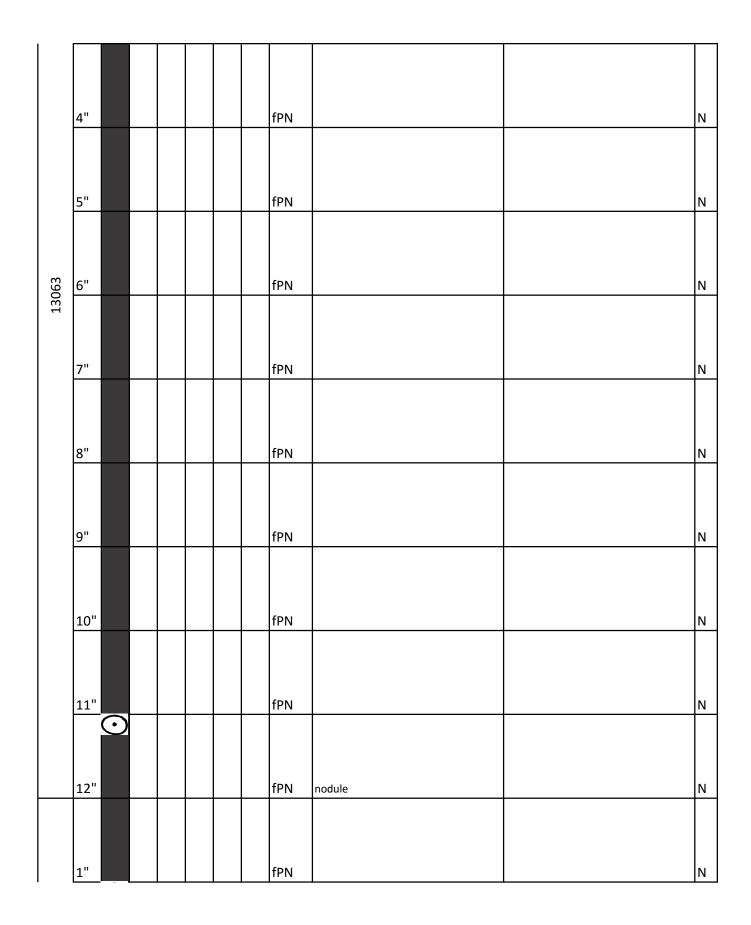






8"	fPN		
9"	fPN		
10"	fPN		
$\odot$			
11"	fon.	n och do	
	fpn	nodule	
12"	fPN		
1"	fPN		
$\overline{\mathbf{O}}$			
2"	fPN	nodule	
3"	fPN		
4"	fPN		
5"	fPN	nodules	

1								1
2	c"				fDN			
13062	6"	 	 	 	fPN			N
, L								
					(24)			
	7"				fPN			Ν
					( <b>5</b> .)			
	8"				fPN			Ν
	9"	 	 		fPN			N
	10"				fPN			Ν
	11"				fPN			Ν
	12"				fPN			Ν
	1"				fPN			Ν
	2"				fPN			Ν
	3"				fPN			N
	L		 · · · · ·			ļ	Į	-

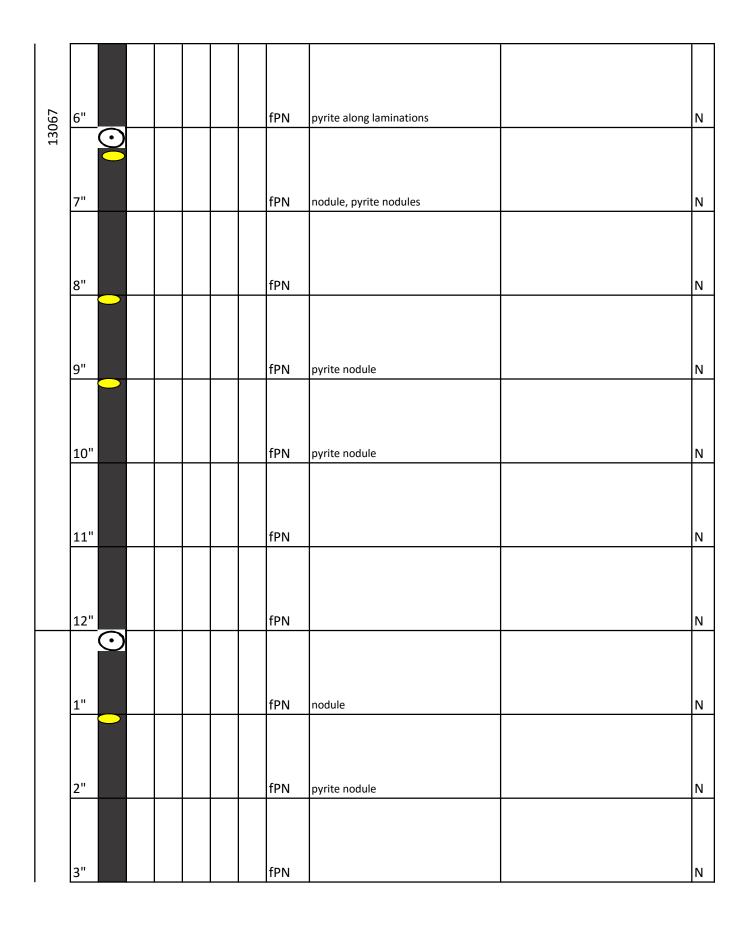


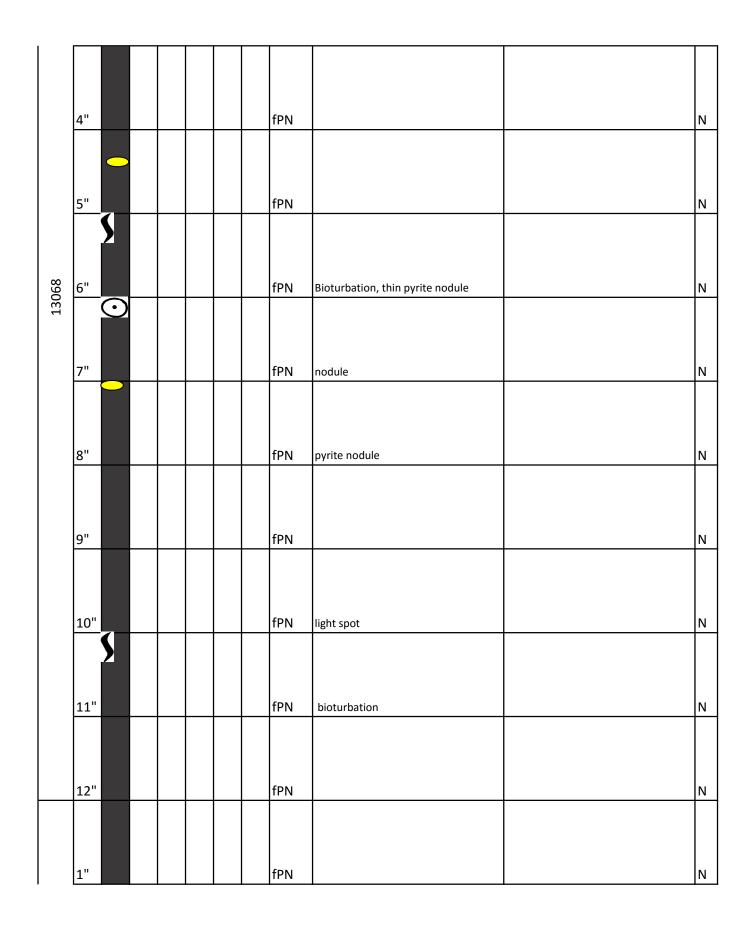
		$\odot$					
	2"				fPN	nodule	N
					<b>-</b>		
	3"				 fPN		N
	4"				fPN	contorted beds	N
	5"		 	 	 fPN		N
54	6"				fPN		N
13064							
	7"				fPN		N
	0"				fDN		N
	8"				 fPN		N
	9"				fPN		N
	10"				 fPN		N
	11"				fPN		N

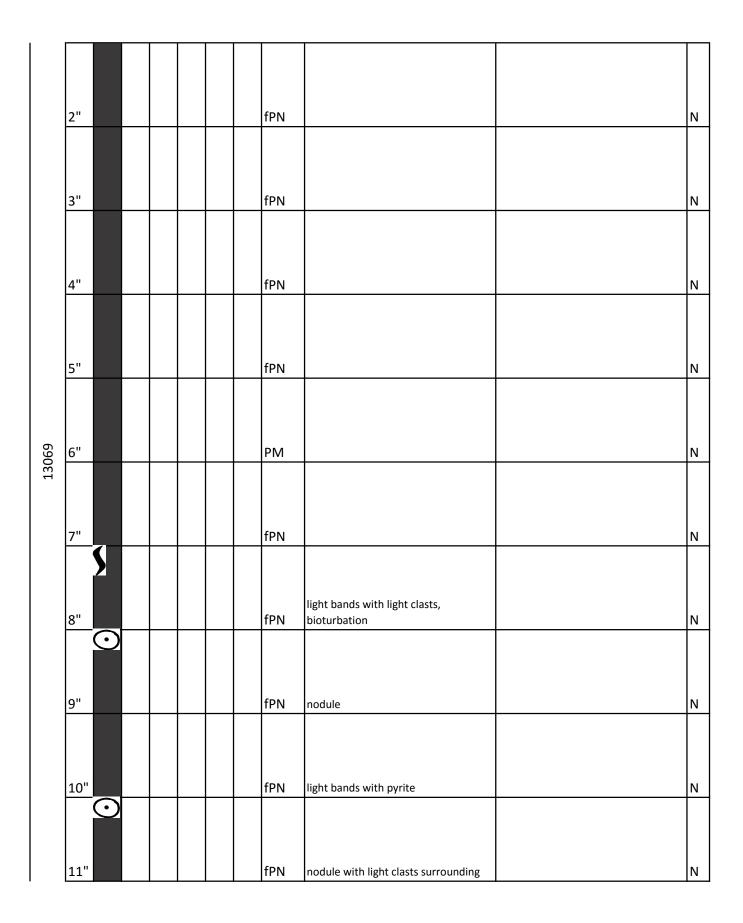
	12"				fPN	pyrite nodule	N
	1"				fPN		N
	<b>a</b> "				fon.		
	2"		 		fPN		N
	3"				fPN		N
	4"		 		fPN		N
	5"		 		fPN		N
55	6"				fPN		N
13065	0		 	 			
	7"				fPN		N
	8"				fPN	pyrite nodule	N
	<b>.</b>				( <b>-</b> • ·		
	9"				fPN	pyrite nodule	Ν

	10"				fPN		N
		$\odot$		 			
	11"				fPN	nodule	N
	12"				fPN		N
		$\odot$					
	1"				fPN	nodule	N
	2"	0			fPN		N
	3"				fPN	small pyrite nodule	N
					(2)		
	4"		 	 	 fPN		N
	5"				fPN		N
66	6"				fPN		N
13066	-						
	7"				fPN		N

8"		fPN		
9"		fPN		
10"		fPN	small pyrite nodule	
11"		fPN		
12"	_	fPN		
1"		fPN		
2"		fPN		
3"		fPN		
4"		fPN		
5"		fPN		





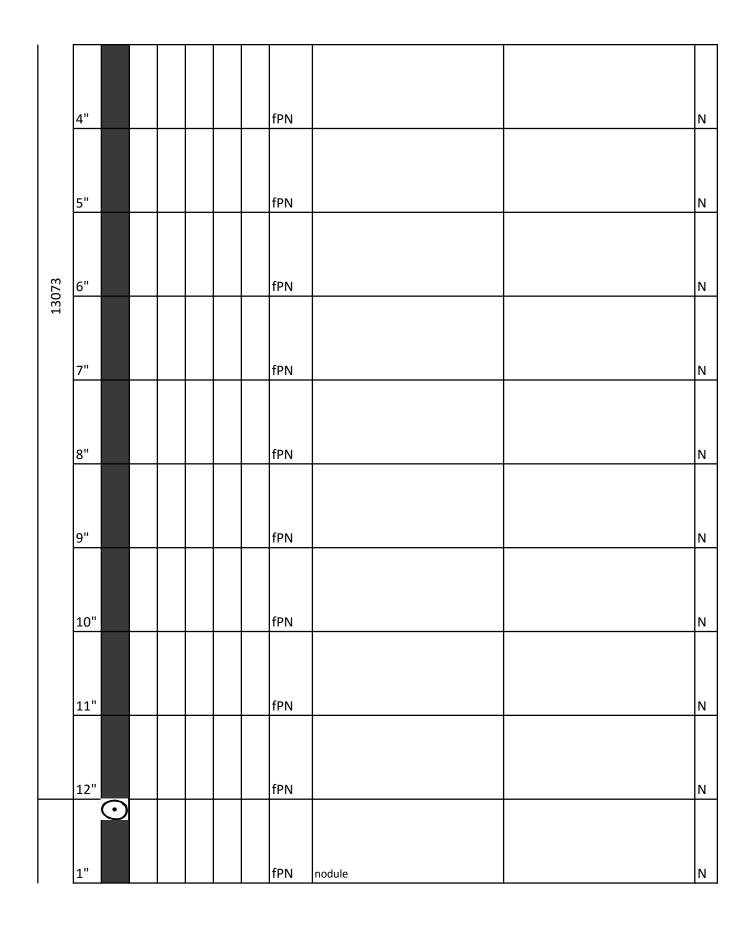


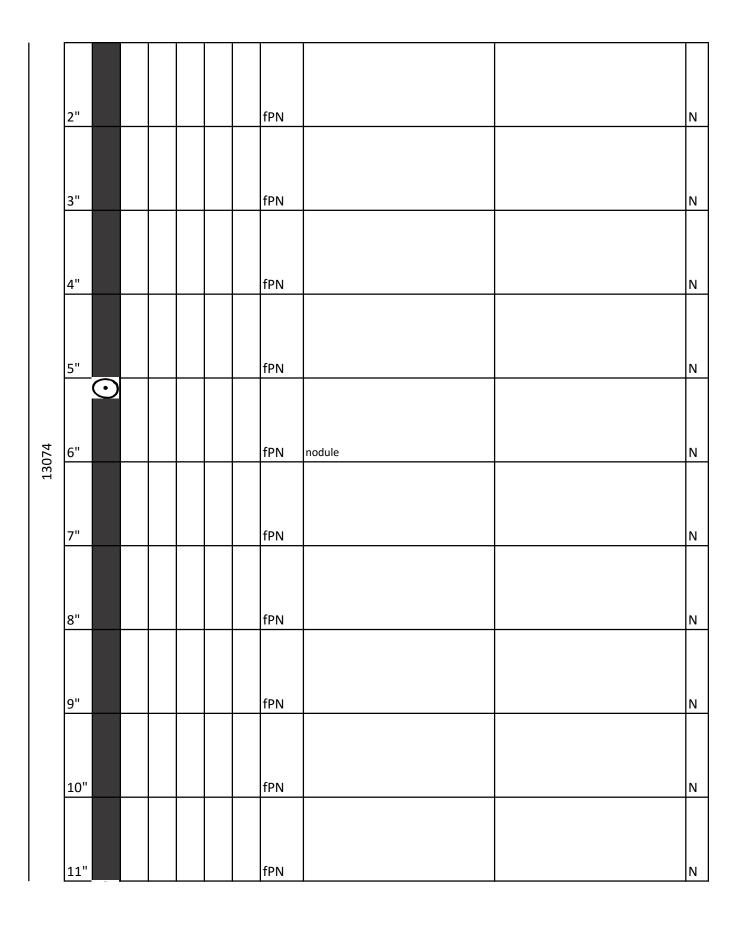
		\$					
	12"				fPN	bioturbation	N
		$\odot$		 			
					( <b>5</b> .)		
	1"			 	 fPN	nodule	N
	2"			 	fPN		N
	3"				fPN		N
	4"				fPN		N
	5"				fPN		N
70	6"				fPN		N
13070							
	7"				fPN		
		$\odot$			IPN		N
	8"			 	 fPN	nodule with yellowish patch	N
	9"				fPN		N

	10"				fPN		N
	10						
	111				(DN)		
	11"				fPN		N
	10"				(2.1)		
	12"			 	fPN		N
	1"	_		 	fPN		N
	2"				fPN		N
	$\odot$	)					
	3"				fPN	nodule	N
	4"				fPN		N
	5"				fPN		N
71	6"				fPN		N
13071	Ċ						
	7"				fDN	nodulo	N
	/				fPN	nodule	Ν

8"	fPN		
0			
9"	fPN		
10"	fPN	nodule	
11"	fPN		
12"	fPN		
1"	fPN		
2"	fPN		
3"	fPN		
4"	fPN		
5"	fPN		

1			T						1
13072	6"					PM			Ν
130									
	7"					fPN			Ν
		$\odot$							
						_	nodule with light clasts surrounding,		
	8"			 		fPN	laminae		Ν
	9"					fPN			N
	9			 		IPIN			
	10"					fPN			N
									1
	11"					fPN			Ν
	12"					fPN			Ν
	1"			 		fPN			Ν
		$\odot$							
	2"		-+		-+	fPN	small nodule		N
	2"					fDN			N
1	3"					fPN			Ν



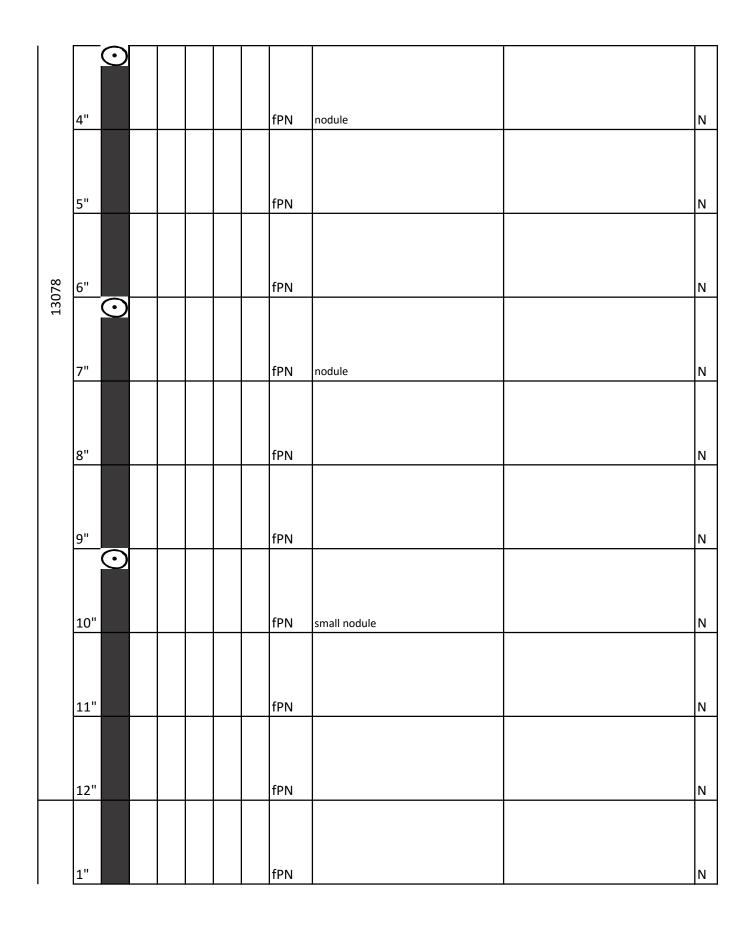


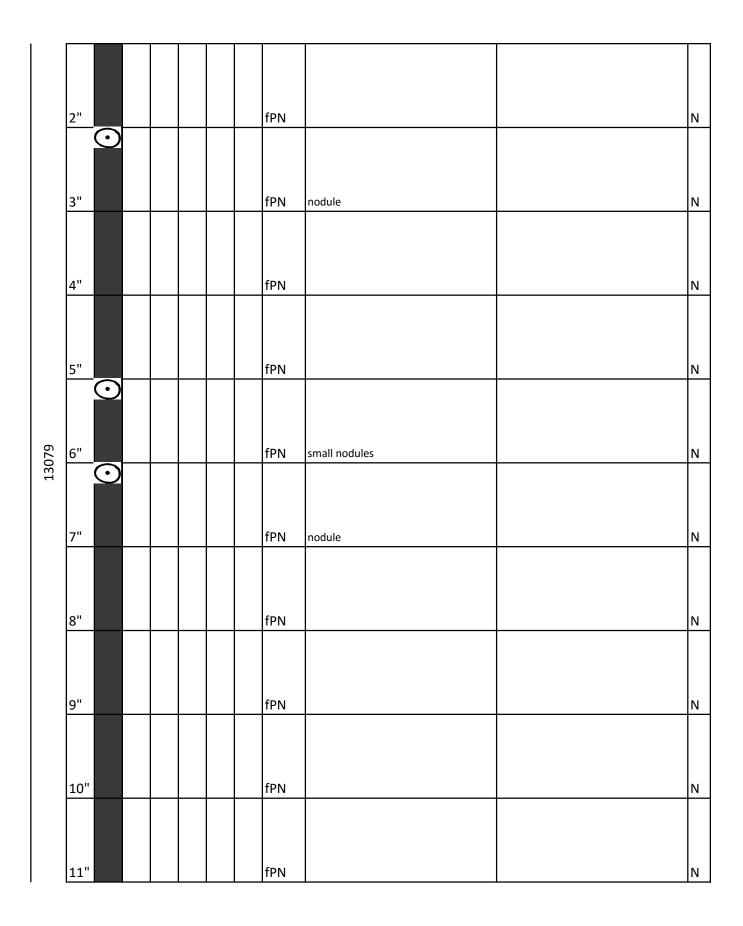
[		$\bigcirc$					
		$\bigcirc$					
	12"				fPN	nodule	N
	1"				fPN	jumbled and unable to describe	Ν
	2"				fPN	jumbled and unable to describe	Ν
	3"				fPN	jumbled and unable to describe	N
	-						
	4"				fPN	jumbled and unable to describe	Ν
	5"				fPN	jumbled and unable to describe	Ν
ъ	<b>C</b> 11				(0.1)		
13075	6"		 	 	fPN	jumbled and unable to describe	N
1							
	7"				fPN	jumbled and unable to describe	N
						-	1
	8"				fPN	jumbled and unable to describe	Ν
	9"				fPN	jumbled and unable to describe	Ν

	10"				fPN	jumbled and unable to describe	Ν
	11"				fPN	jumbled and unable to describe	N
	11			 	IPN	Jumpled and unable to describe	
	12"				fPN	jumbled and unable to describe	Ν
	1"				fPN	jumbled and unable to describe	N
	±	 	 	 			
	2"				fPN	jumbled and unable to describe	Ν
	3"				fPN	jumbled and unable to describe	N
	5						
	4"				fPN	jumbled and unable to describe	N
	5"				fPN	jumbled and unable to describe	N
	-					-	
13076	6"				fPN	jumbled and unable to describe	Ν
13							
	7"				fPN	jumbled and unable to describe	N
	· ·						<u> </u>

8"       i       i       fPN       jumbled and unable to describe         9"       i       i       i       i       i         10"       i       i       i       i       i         11"       i       i       i       i       i         12"       i       fPN       jumbled and unable to describe       i         11"       i       i       i       i       i         12"       i       fPN       i       i       i         11"       i       i       i       i       i       i         11"       i       fPN       i       i       i       i						
10"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         1"       fPN       jumbled and unable to describe         2"       fPN       jumbled and unable to describe         3"       fPN       jumbled and unable to describe         4"       fPN       jumbled and unable to describe	8"			fPN	jumbled and unable to describe	-
10"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable t						
11"       fPN       jumbled and unable to describe         12"       fPN       jumbled and unable to describe         11"       fPN       jumbled and unable to describe         1"       fPN       jumbled and unable to describe         2"       fPN       jumbled and unable to describe         2"       fPN       jumbled and unable to describe         4"       fPN       jumbled and unable to describe	9"			fPN	jumbled and unable to describe	
12"       fPN       jumbled and unable to describe         1"       fPN         1"       fPN         2"       fPN         3"       fPN         4"       fPN	10"			fPN	jumbled and unable to describe	
12"       fPN       jumbled and unable to describe         1"       fPN         1"       fPN         2"       fPN         3"       fPN         4"       fPN						
1"       fPN         2"       fPN         2"       fPN         3"       fPN         3"       fPN         4"       fPN	11"			fPN	jumbled and unable to describe	-
1"       fPN         2"       fPN         2"       fPN         3"       fPN         3"       fPN         4"       fPN	1.2.1			fDN		
2"  fPN  3"  fPN  fPN  fPN  fPN  fPN  fPN  fPN  fP					Jumpled and unable to describe	-
3"	1"			fPN		
3"	2"			fPN		
4" fPN						-
	3"			 fPN		
	4"			fDN		
		Э				-
5" fPN nodule						

1							1
13077	6"				fPN		Ν
130							
	7"				fPN		N
	8"				fPN		N
	-						
	9"				fPN		Ν
	1.0"				(2)		
	10"				fPN		N
	11"				fPN		N
	12"				fPN		Ν
	1"				fPN		N
	Ľ				IPIN		N
	2"				fPN		N
	3"				fPN		Ν





	12"				fPN		N
		$\odot$					
	1"				fPN	nodule	N
	2"			 	 fPN		N
	3"	$\odot$	 	 	 fPN		N
	4"		 	 	 fPN	nodule	N
	5"				fPN		N
30	6"				fPN		N
13080							
	7"				fPN		N
	8"				fPN		N
	9"				fPN		N

10"	$\odot$			fPN	small nodule	N
11"				fPN		N
12"				fPN		N