12. SEDIMENT THIN SECTION DATA

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Sample Designation ^a																
	Observable Porosity				% Sand & Silt	Particle Size Mode (mm >0.002)						Packing				
	Inter-particle		Intra-particle			> 2.0	1.0 - 2.0	0.5 - 1.0	0.25 - 0.5	0.125 - 0.25	0.062 0.125	Mud Supported	Grain Supported			
	Good	Fair	Good	Fair									Interstitial Mud	Interstitial Void	Interstitial Cement	
1 9 5 114-117																
3 7 1 109-112									/							
3 10 Catcher					68					/		X				
4 1 1 0-37																
4 1 4 95																
4 2 1 36-39																
4 2 1 36-39																
4 2 1 40-41						/						/				
4 3 1 118-122									/							
4 4 1 51-55		/														
4 4 1 51-55	/		/							/			/			
4 4 1 51-55																
5 1 2 33-37																
5 1 2 83-85				/			/									
5 1 3 28-30				/			/							/		
5 2 1 3-7										/		/				
5 2 1 3-7			/							/	/					
5 2 1 29-32			/							/			/			
5 2 1 69-72			/							/			/			
5 3 1 top					12					/						
5A 1 Catcher					5					/						
5A 2 1 5																
5A 2 1 15.5-21.5																
5A 2 Catcher					15					/						
5A 3 Catcher			/		20					/						
5A 4 1 9-12										/						
5A 4 1 9-12										/	/					
5A 5 Catcher					20					/	/	X				
5A 6 Catcher										/	/	X				
5A 7 Top of Catcher					5					/	/	X				
5A 7 Middle of Catcher					5					/	/	X				
5A 7 Bumper sub					30			/							X	
6 6 1 129-132										/						
6 6 2 0-5										/						
6 6 Catcher					1					/	X					
7 2 Catcher					15					/				X		

^aHole-Core-Section-Depth in centimeters from top of section.

Key: / = present
X = abundant

Particulate Components

Carbonate																	Non-Carbonate			
Non-Skeletal Particles					Skeletal Particles												Quartz			
Total %	Pellets or Lumps	Intraclasts	Oolites	Others	Total %	Mollusc	Echinoderm	Coral	Stromatoporoid	Bryozoa	Algae	Foraminifera	Ostracod	Radiolaria	Sponge Spics.	Calcspheres	Others	Total %	Straight Extinction	Undulose Extinction
					10					/		X						15		/
					2							/						2	/	
																		4	/	
					60	X						/								
					2							/								
10	/				40	/						X								
					55	X	/													
50	X				2											/				
40	X				5	/								/						
70	X	/			10		X					/				/				
70					5		/					/				/				
10	X				2							/								
					5									X						
					2									X						
					20									X						
					20									X						
					5									X						
					5									X						
					30	/					X	X								
					55							/			X			2	/	
					50							/			X			2	/	
					5										/			5	/	

12. SEDIMENT THIN SECTION DATA - Continued

Sample Designation ^a	Particulate Components															
	Non-Carbonate															
	Feldspar				Rock Fragments						Organic					
	Total %	Multiple Twinning	Cross-Hatched Twinning	Untwinned or Simple Twins	Total %	Quartzose	Micaceous	Shale	Volcanic	Chert	Total %	Radiolaria	Sponge Spics.	Plant Frags.	Diatoms	Others
1 9 5 114-117																
3 7 1 109-112																
3 10 Catcher	1			/												
4 1 1 0-37																
4 1 4 95	1	/														
4 2 1 36-39																
4 2 1 36-39																
4 2 1 40-41																
4 3 1 118-122																
4 4 1 51-55																
4 4 1 51-55																
4 4 1 51-55																
5 1 2 33-37																
5 1 2 83-85																
5 1 3 28-30																
5 2 1 3-7																
5 2 1 3-7																
5 2 1 29-32																
5 2 1 69-72																
5 3 1 top																
5A 1 Catcher										5	/					
5A 2 1 5										10	X					
5A 2 1 15.5-21.5										20	X					
5A 2 Catcher										15	X					
5A 3 Catcher										20	X					
5A 4 1 9-12																
5A 4 1 9-12																
5A 5 Catcher																
5A 6 Catcher																
5A 7 Top of Catcher																
5A 7 Middle of Catcher																
5A 7 Bumper sub																
6 6 1 129-132										5		/				
6 6 2 0-5										5		/				
6 6 Catcher																
7 2 Catcher										50	/	X				

^aHole-Core-Section-Depth in centimeters from top of Section.

Key: X = abundant
/ = present

Particulate Components													Matrix or Cement									
Non-Carbonate													Matrix or Cement									
Miscellaneous													Carbonate					Non-Carbonate				
Total %	Mica		Phosphate	Glauconite	Pyrite	Manganese	Iron Oxides	Heavy Mineral		Barite or Celestite	Glass	Others	Calcite		Dolomite		Siderite	Evaporites				
	Colorless	Dark						Stable	Unstable				Micrite (%)	Sparite (%)	Macro (%)	Micro (%)		Total %	Anhydrite	Gypsum	Halite	
52	/						X	/					90									
													25									
														3								
													40									
													98									
													100									
														50								
													100									
													100									
														45								
													50	5	5							
													45	5	3							
														20								
														20	5							
																88						
													95									
													98									
													80									
													80									
													95									
													90									
													20	50								
1	/			/									35									
1	/			/									37									
1					X																	
5			/	/			/							30								

12. SEDIMENT THIN SECTION DATA - Continued

Sample Designation ^a	Matrix or Cement															
	Clays					Silica			Miscellaneous							
	Total %	Kaolinite	Illite-Sericite	Chlořite	Matrix Undiff.	Total %	Quartz	Chert	Total %	Bitumen	Phosphate	Coal	Pyrite	Mn-Fe Oxides	Zeolites	
1 9 5 114-117						95		X	5					X		
3 7 1 109-112																
3 10 Catcher						7		/								
4 1 1 0-37	83		X						10					X		
4 1 4 95	90				X				5					X		
4 2 1 36-39						95		X	5					X		
4 2 1 36-39						95		X	5					X		
4 2 1 40-41																
4 3 1 118-122																
4 4 1 51-55																
4 4 1 51-55																
4 4 1 51-55	40		X			50		X	2				/			
5 1 2 33-37																
5 1 2 83-85																
5 1 3 28-30																
5 2 1 3-7	7		X						1						/	
5 2 1 3-7									2					/	/	
5 2 1 29-32																
5 2 1 69-72																
5 3 1 top																
5A 1 Catcher						93		X	2				/			
5A 2 1 5						80		X	10				X			
5A 2 1 15.5-21.5						70		X	10				X			
5A 2 Catcher						70		X	15				/	/		
5A 3 Catcher						75		X	5				/	/		
5A 4 1 9-12													/			
5A 4 1 9-12													/			
5A 5 Catcher																
5A 6 Catcher																
5A 7 Top of Catcher																
5A 7 Middle of Catcher																
5A 7 Bumper sub																
6 6 1 129-132	1				/				1				/			
6 6 2 0-5	4				/				1				/			
6 6 Catcher																
7 2 Catcher						5		/								

^aHole-Core-Section-Depth in centimeters from top of Section.

/ Present
 X Abundant

Structures / Textures											Remarks
Fractures											
Silica	Carbonate	Anhydrite	Others								