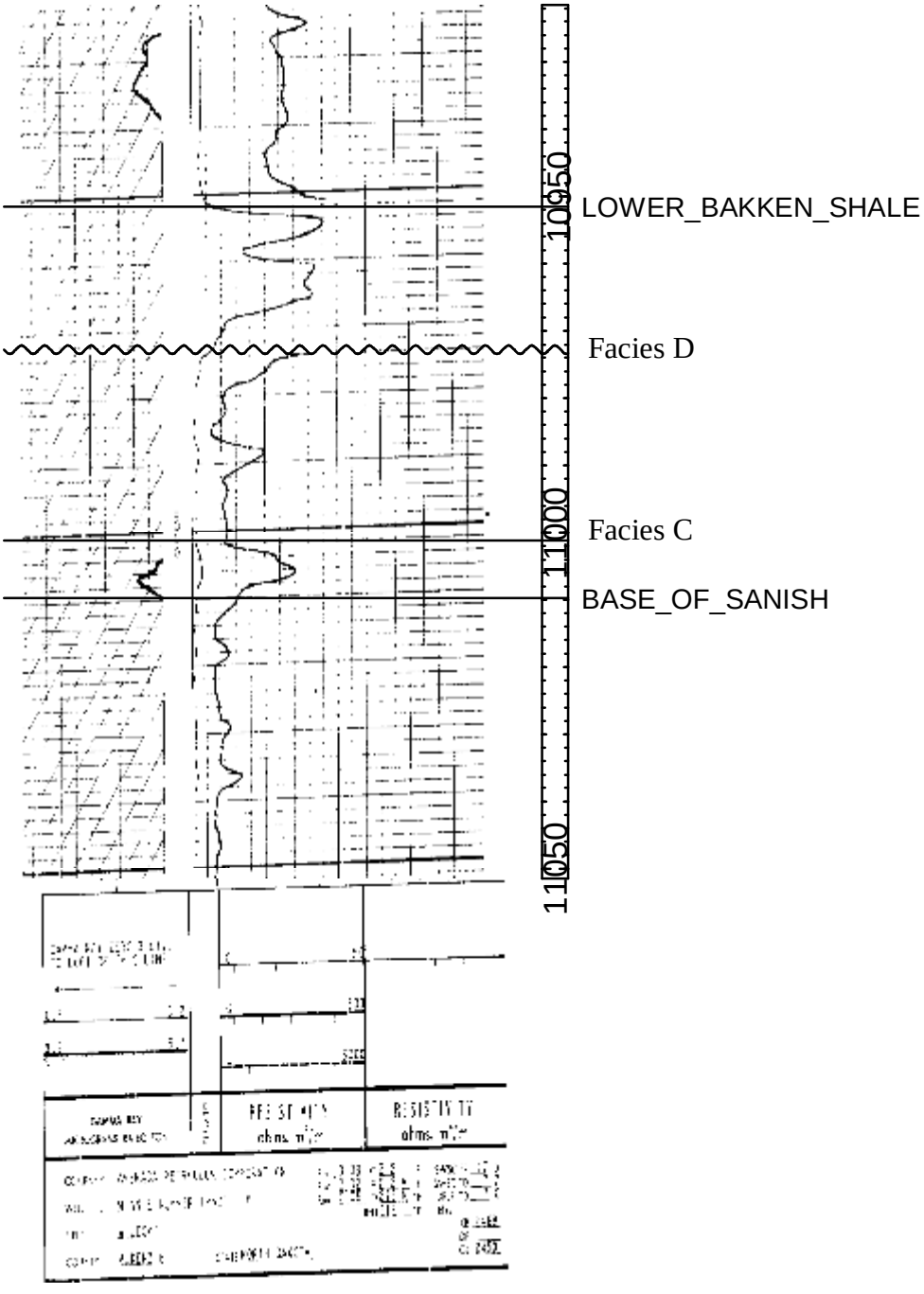
Appendix A.11
Core #11
Minnie Kummer #1 Core Descriptions
150N 96W Sec 25
Core to Log = -4'

Depth (ft)	Composition	Primary Structures	Secondary Structures	Single Diagnostic Criteria	Additional Diagnostic Criteria	Facies
10,962' 10,969'	Grayish black (N2) to dark black (N1) shale	Vague parallel-laminations, very thin, platy,				LBS
10,969' 10,973'	Grayish black (N2) silty dolomite (5%) to very light gray silty dolomite (N8) (95%), very fine, 88 - 125 µ, well sorted, well packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation, Fluid escape structures	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Herringbone x-bedding -Flaser bedding? -Syneresis cracks	D
10,973' 10,976'	Light green (5 G 8/1) to greenish gray (5 G 6/1) slightly dolomitic shale (40%) to very light gray silty dolomite (N8) (60%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,976' 10,979'	Light green to greenish gray slightly dolomitic shale (30%) to very light gray silty dolomite (70%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation,	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Wavy flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,979' 10,980'	Light green to greenish gray slightly dolomitic shale (60%) to very light gray silty dolomite (40%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,980' 10,981'	Light green to greenish gray slightly dolomitic shale (70%) to very light gray silty dolomite (30%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation,	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,981' 10,982'	Light green to greenish gray slightly dolomitic shale (20%) to very light gray silty	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading	-Mud drapes -Uni- and bidirectional Reactivation surfaces	-Herringbone x-bedding -Flaser bedding -Syneresis cracks	D

	dolomite (80%), 66-88µ, well-sorted, tightly packed		features, brecciation	-Bottom sets -Flame structures		
10,982' 10,983'	Light green to greenish gray slightly dolomitic shale (50%) to very light gray silty dolomite (50%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation,	-Mud drapes -Flame structures	-Flaser bedding -Herringbone x-bedding	D
10,983' 10,984'	Light green to greenish gray slightly dolomitic shale (30%) to very light gray silty dolomite (70%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,984' 10,987'	Light green to greenish gray slightly dolomitic shale (10%) to very light gray silty dolomite (90%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD, dark layering	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,987' 10,993'	Light green to greenish gray slightly dolomitic shale (50%) to very light gray silty dolomite (50%), 66-88µ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD, dark layering	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D



Described Core Interval: 10,962’ – 10,993’.