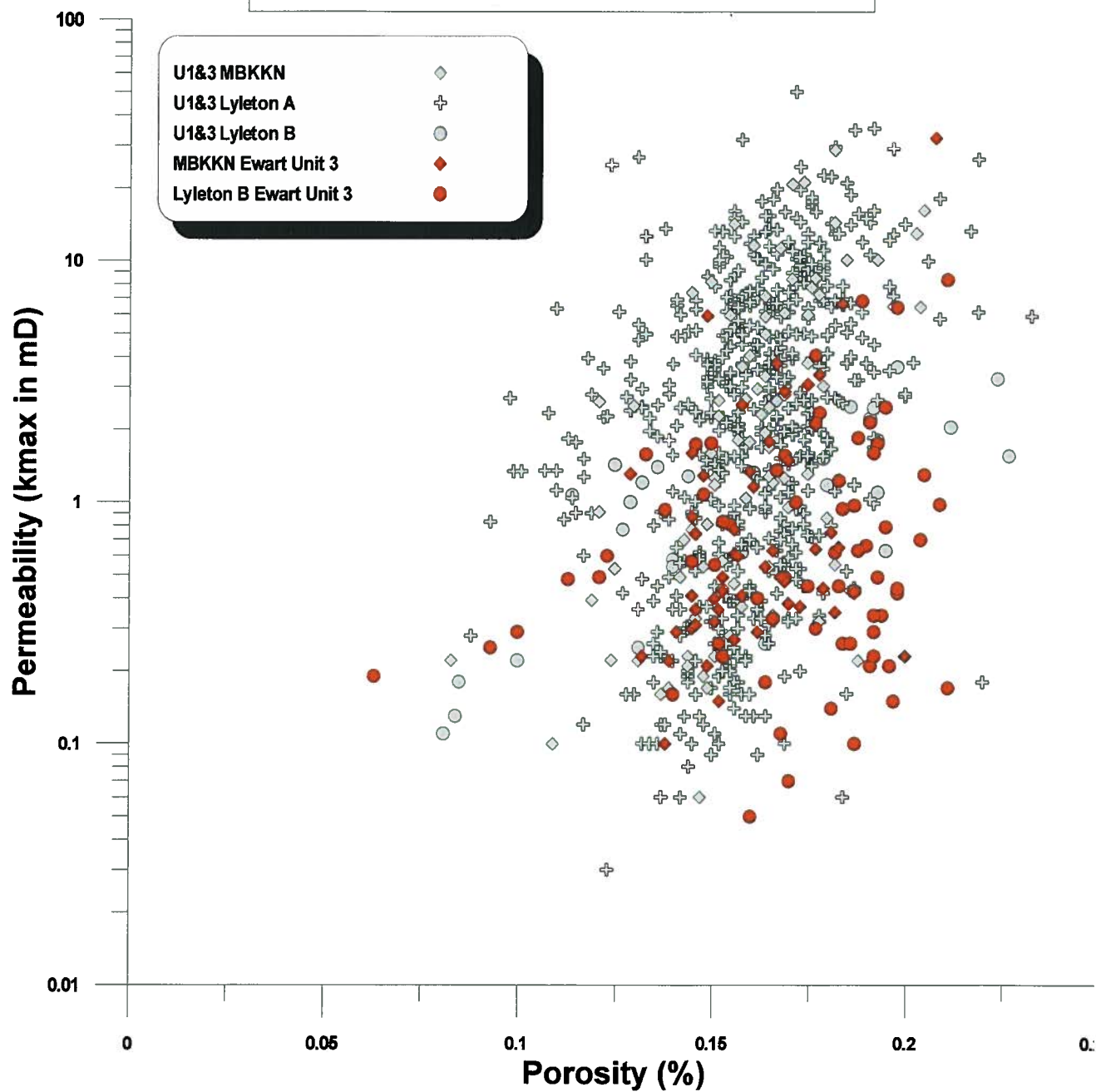
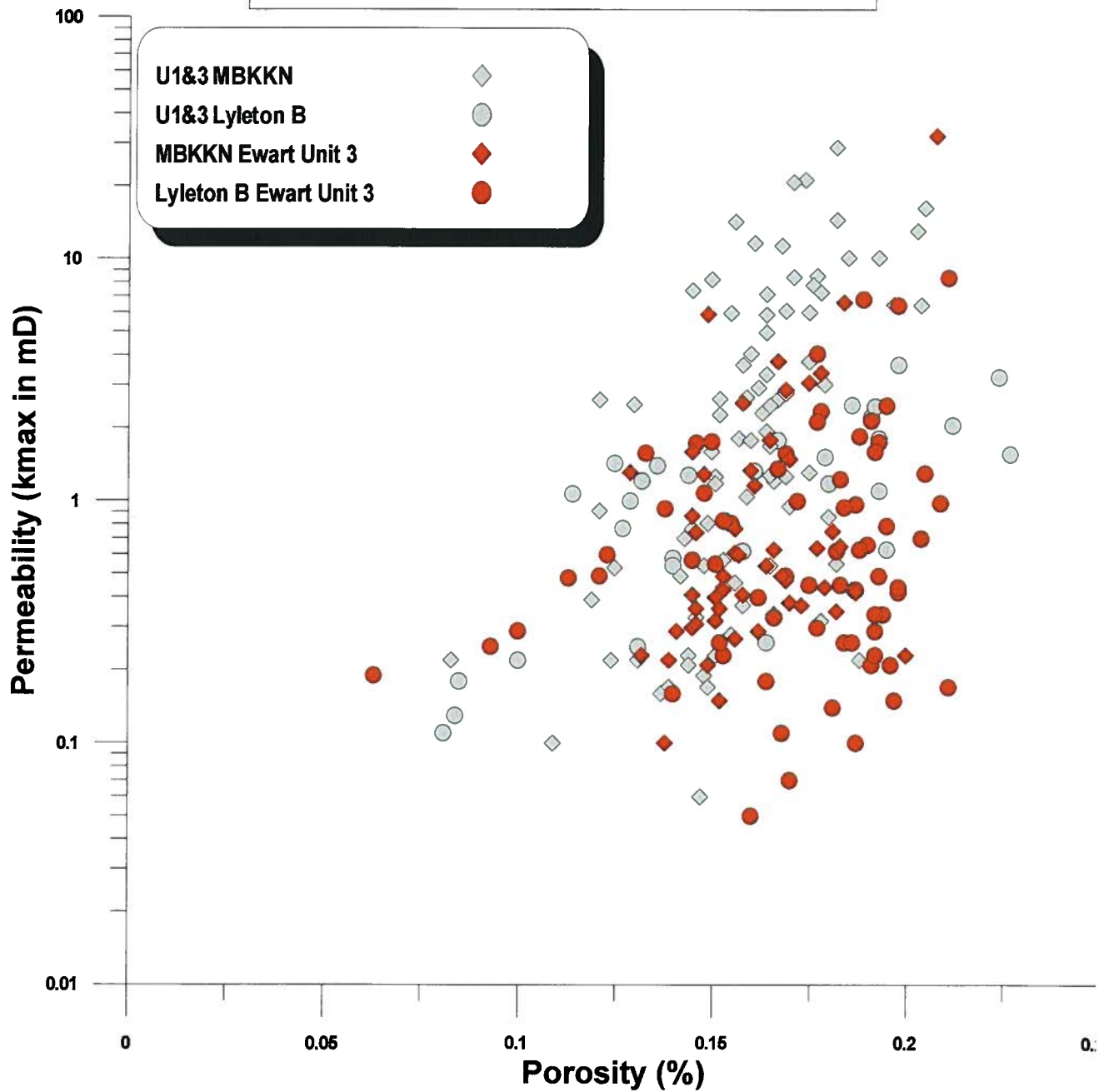


**Comparison of Porosity and Permeability
Sinclair Units 1 and 3 vs Ewart Unit 3**



**Comparison of Porosity and Permeability
Units 1 and 3 vs Ewart Unit 3
(without Lyleton A plotted)**



Ewart Unit 3 - Section 29-008-28W1M
Middle Bakken/Three Forks Fm (Lyleton) Rock and Fluid Properties

Formation Pressure		8,900 kPa @ -392 mSS	Initial Average Reservoir Pressure
Formation Temperature		30°C	
Saturation Pressure		2034 kPa	Bubble Point
GOR		6-10 m ³ /m ³	Gas-Oil Ratio
API Oil Gravity		37-41	
Swi (fraction)		0.4	Initial Water Saturation
Produced Water Sp. Gr.		1.11	
Produced Water pH		7.1-7.3	
Produced Water TDS (mg/L)		133,000-140,000	
Wettability		Moderately oil-wet	
Average Air Permeability	Middle Bakken	1.682	Wt. Average Core Data
	Lyleton B	0.970	(kmax>1 mD)
Average Porosity (Fraction)	Middle Bakken	0.161	Wt. Average Core Data
	Lyleton B	0.172	(kmax>1 mD)

Wt Average from all MBKKN/Lyleton Cores in Section 29-8-28W1M plus 1 section around Section 29
Lyleton A not included as it is eroded in the area of Ewart Unit 3