

SIEVING ERROR: 0,3%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Musclera** ANALYST & DATE: CIIRC, 13-09-07

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	μm		φ		GRAIN SIZE DISTRIBUTION						
					GRAVEL		SAND		FINE SAND		CLAY
MODE 1:	780,0	0,364			GRAVEL: 0,0%	COARSE SAND: 68,3%					
MODE 2:					SAND: 100,0%	MEDIUM SAND: 13,9%					
MODE 3:					MUD: 0,0%	FINE SAND: 1,2%					
D ₁₀ :	403,5	-0,158			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%					
MEDIAN or D ₅₀ :	764,7	0,387			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%					
D ₉₀ :	1115,9	1,310			MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%					
(D ₉₀ / D ₁₀):	2,766	-8,274			FINE GRAVEL: 0,0%	FINE SILT: 0,0%					
(D ₉₀ - D ₁₀):	712,5	1,468			V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%					
(D ₇₅ / D ₂₅):	1,515	6,115			V COARSE SAND: 16,4%	CLAY: 0,0%					
(D ₇₅ - D ₂₅):	313,6	0,600									

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	φ	μm	φ	
MEAN (\bar{x}):	761,0	663,0	0,478	731,4	0,451	Coarse Sand
SORTING (σ):	284,2	2,233	0,569	1,464	0,549	Moderately Well Sorted
SKEWNESS (S_K):	0,436	-6,129	0,968	-0,221	0,221	Fine Skewed
KURTOSIS (K'):	4,641	49,48	5,261	1,363	1,363	Leptokurtic

