

SIEVING ERROR: 0,1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Mota de Sant Pere** ANALYST & DATE: CIIRC, 18-10-07
SAMPLE TYPE: Unimodal, Very Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Very Well Sorted Fine Sand

	μm ϕ		GRAIN SIZE DISTRIBUTION			
	MODE 1:	137,5	2,868	GRAVEL: 0,0%	COARSE SAND: 0,0%	
MODE 2:			SAND: 100,0%	MEDIUM SAND: 2,3%		
MODE 3:			MUD: 0,0%	FINE SAND: 78,1%		
D ₁₀ :	113,8	2,266		V FINE SAND: 19,6%		
MEDIAN or D ₅₀ :	145,6	2,780	V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D ₉₀ :	207,9	3,136	COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D ₉₀ / D ₁₀):	1,827	1,384	MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D ₉₀ - D ₁₀):	94,15	0,870	FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D ₇₅ / D ₂₅):	1,402	1,197	V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D ₇₅ - D ₂₅):	51,61	0,487	V COARSE SAND: 0,0%	CLAY: 0,0%		

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	157,2	151,6	2,722	151,1	2,727	Fine Sand
SORTING (σ):	39,13	1,268	0,343	1,267	0,341	Very Well Sorted
SKEWNESS ($s\%$):	1,343	-0,497	0,497	0,225	-0,225	Coarse Skewed
KURTOSIS (k):	6,816	14,76	14,76	0,919	0,919	Mesokurtic

