

SIEVING ERROR: -0,6%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Llarg de Vilanova i la Geltrú** ANALYST & DATE: CIIRC, 18-10-2007

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

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm		ϕ		GRAIN SIZE DISTRIBUTION			
MODE 1:	390,0	1,364			GRAVEL: 0,0%	COARSE SAND: 25,6%		
MODE 2:					SAND: 99,9%	MEDIUM SAND: 59,6%		
MODE 3:					MUD: 0,1%	FINE SAND: 12,2%		
D ₁₀ :	227,0	0,621				V FINE SAND: 1,5%		
MEDIAN or D ₅₀ :	388,5	1,364			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D ₉₀ :	650,1	2,139			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D ₉₀ / D ₁₀):	2,864	3,443			MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D ₉₀ - D ₁₀):	423,1	1,518			FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D ₇₅ / D ₂₅):	1,687	1,780			V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D ₇₅ - D ₂₅):	208,3	0,754			V COARSE SAND: 1,0%	CLAY: 0,0%		

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	420,8	383,3	1,384	388,4	1,364	Medium Sand
SORTING (σ):	178,3	1,552	0,634	1,519	0,603	Moderately Well Sorted
SKEWNESS (S_K):	1,238	-0,843	0,843	-0,046	0,046	Symmetrical
KURTOSIS (K):	6,052	7,816	7,816	1,125	1,125	Leptokurtic

