

SIEVING ERROR: 0,0%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Castelldefels** ANALYST & DATE: CIIRC, 27-09-07
SAMPLE TYPE: Trimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm		ϕ		GRAIN SIZE DISTRIBUTION						
MODE 1:	231,0	2,119			GRAVEL: 0,0%	COARSE SAND: 11,2%					
MODE 2:	327,5	1,616			SAND: 100,0%	MEDIUM SAND: 42,9%					
MODE 3:	780,0	0,364			MUD: 0,0%	FINE SAND: 44,1%					
D ₁₀ :	151,9	0,951				V FINE SAND: 1,8%					
MEDIAN or D ₅₀ :	266,8	1,906	V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%							
D ₉₀ :	517,4	2,719	COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%							
(D ₉₀ / D ₁₀):	3,407	2,860	MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%							
(D ₉₀ - D ₁₀):	365,6	1,769	FINE GRAVEL: 0,0%	FINE SILT: 0,0%							
(D ₇₅ / D ₂₅):	2,043	1,759	V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%							
(D ₇₅ - D ₂₅):	199,1	1,031	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}):	308,4	275,3	1,861	272,3	1,877	Medium Sand
SORTING (σ):	149,8	1,585	0,664	1,610	0,688	Moderately Well Sorted
SKEWNESS (S_K):	1,148	0,222	-0,222	0,073	-0,073	Symmetrical
KURTOSIS (K):	4,016	2,349	2,349	0,852	0,852	Platykurtic

