

SIEVING ERROR: 0,0%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Santa Susanna** ANALYST & DATE: CIIRC, 01-06-07

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

SEDIMENT NAME: Moderately Well Sorted Very Coarse Sand

	μm		ϕ		GRAIN SIZE DISTRIBUTION			
MODE 1:	1290,0	-0,362			GRAVEL: 0,0%	COARSE SAND: 42,9%		
MODE 2:	780,0	0,364			SAND: 99,9%	MEDIUM SAND: 3,1%		
MODE 3:					MUD: 0,1%	FINE SAND: 0,0%		
D ₁₀ :	589,9	-0,596				V FINE SAND: 0,0%		
MEDIAN or D ₅₀ :	1049,9	-0,070			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D ₉₀ :	1511,7	0,761			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D ₉₀ / D ₁₀):	2,563	-1,277			MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D ₉₀ - D ₁₀):	921,8	1,358			FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D ₇₅ / D ₂₅):	1,807	-1,076			V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D ₇₅ - D ₂₅):	594,1	0,854			V COARSE SAND: 53,9%	CLAY: 0,0%		

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1045,5	962,6	0,029	990,9	0,013	Coarse Sand
SORTING (σ):	355,2	1,676	0,549	1,442	0,528	Moderately Well Sorted
SKEWNESS (S_K):	0,065	-6,659	1,652	-0,239	0,239	Fine Skewed
KURTOSIS (K):	2,177	85,91	18,54	0,768	0,768	Platykurtic

