

SIEVING ERROR: 0,0%

### SAMPLE STATISTICS

SAMPLE IDENTITY: **Segur de Calafell** ANALYST & DATE: CIIRC, 27-02-08

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

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm		φ		GRAIN SIZE DISTRIBUTION			
MODE 1:	327,5	1,616			GRAVEL: 0,0%	COARSE SAND: 0,0%		
MODE 2:	137,5	2,868			SAND: 100,0%	MEDIUM SAND: 68,5%		
MODE 3:					MUD: 0,0%	FINE SAND: 28,8%		
D <sub>10</sub> :	140,3	1,265				V FINE SAND: 2,6%		
MEDIAN or D <sub>50</sub> :	301,2	1,731			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D <sub>90</sub> :	416,0	2,833			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2,965	2,239			MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	275,7	1,568			FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1,587	1,444			V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>75</sub> - D <sub>25</sub> ):	130,6	0,666			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 ( $\bar{x}$ ):	290,7	271,1	1,883	266,6	1,907	Medium Sand
SORTING ( $\sigma$ ):	96,10	1,467	0,553	1,505	0,590	Moderately Well Sorted
SKEWNESS ( $S_K$ ):	-0,129	-0,933	0,933	-0,383	0,383	Very Fine Skewed
KURTOSIS ( $K$ ):	2,233	4,579	4,579	1,109	1,109	Mesokurtic

