

SIEVING ERROR: 0,4%

### SAMPLE STATISTICS

SAMPLE IDENTITY: **Llevant Barcelona** ANALYST & DATE: CIIRC, 7-11-07

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

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	μm		φ		GRAIN SIZE DISTRIBUTION			
MODE 1:	550,0	0,868			GRAVEL: 0,0%	COARSE SAND: 48,5%		
MODE 2:					SAND: 100,0%	MEDIUM SAND: 44,8%		
MODE 3:					MUD: 0,0%	FINE SAND: 1,4%		
D <sub>10</sub> :	323,5	0,235				V FINE SAND: 0,6%		
MEDIAN or D <sub>50</sub> :	515,0	0,957			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D <sub>90</sub> :	849,6	1,628			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2,626	6,926			MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	526,1	1,393			FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1,697	2,340			V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>75</sub> - D <sub>25</sub> ):	276,7	0,763			V COARSE SAND: 4,7%	CLAY: 0,0%		

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	φ	μm	φ	
MEAN ( $\bar{x}$ ):	563,2	518,4	0,948	522,4	0,937	Coarse Sand
SORTING ( $\sigma$ ):	233,5	1,494	0,580	1,461	0,547	Moderately Well Sorted
SKEWNESS ( $S_k$ ):	1,362	-0,288	0,288	0,059	-0,059	Symmetrical
KURTOSIS ( $K$ ):	5,720	5,288	5,288	0,957	0,957	Mesokurtic

