

SIEVING ERROR: 1,3%

### SAMPLE STATISTICS

SAMPLE IDENTITY: **Punta de la Tordera** ANALYST & DATE: CIIRC, 28-05-07  
SAMPLE TYPE: Unimodal, Very Well Sorted TEXTURAL GROUP: Sand  
SEDIMENT NAME: Very Well Sorted Coarse Sand

	$\mu\text{m}$		$\phi$		GRAIN SIZE DISTRIBUTION			
MODE 1:	925,0		0,117		GRAVEL: 0,0%	COARSE SAND: 71,8%		
MODE 2:					SAND: 99,7%	MEDIUM SAND: 2,4%		
MODE 3:					MUD: 0,3%	FINE SAND: 0,0%		
D <sub>10</sub> :	629,8		-0,187			V FINE SAND: 0,0%		
MEDIAN or D <sub>50</sub> :	905,8		0,143		V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
D <sub>90</sub> :	1138,3		0,667		COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1,807		-3,570		MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	508,4		0,854		FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1,302		-58,095		V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>75</sub> - D <sub>25</sub> ):	233,3		0,381		V COARSE SAND: 25,5%	CLAY: 0,0%		

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	898,0	855,3	0,212	880,8	0,183	Coarse Sand
SORTING ( $\sigma$ ):	208,2	1,534	0,502	1,259	0,332	Very Well Sorted
SKEWNESS ( $S_K$ ):	0,019	-9,338	7,510	-0,226	0,226	Fine Skewed
KURTOSIS ( $K$ ):	5,427	127,7	100,0	1,229	1,229	Leptokurtic

