

SIEVING ERROR: 0,1%

**SAMPLE STATISTICS**

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

SAMPLE TYPE: Bimodal, Well Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$		$\phi$		GRAIN SIZE DISTRIBUTION																							
	MODE 1:	MODE 2:	MODE 3:	D <sub>10</sub> :	MEDIAN or D <sub>50</sub> :	D <sub>90</sub> :	(D <sub>90</sub> / D <sub>10</sub> ):	(D <sub>90</sub> - D <sub>10</sub> ):	(D <sub>75</sub> / D <sub>25</sub> ):	(D <sub>75</sub> - D <sub>25</sub> ):	GRAVEL:	COARSE SAND:	SAND:	MEDIUM SAND:	FINE SAND:	V FINE SAND:	V COARSE GRAVEL:	V COARSE SILT:	COARSE GRAVEL:	COARSE SILT:	MEDIUM GRAVEL:	MEDIUM SILT:	FINE GRAVEL:	FINE SILT:	V FINE GRAVEL:	V FINE SILT:	CLAY:	
	327,5	231,0	169,5	271,3	406,1	2,397	236,7	1,540	118,0	0,623	0,0%	2,6%	100,0%	56,7%	40,0%	0,8%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	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 ( $\bar{x}$ ):	284,5	268,7	1,896	267,6	1,902	Medium Sand
SORTING ( $\sigma$ ):	93,11	1,383	0,468	1,393	0,478	Well Sorted
SKEWNESS ( $S_K$ ):	0,908	-0,056	0,056	-0,052	0,052	Symmetrical
KURTOSIS ( $K$ ):	4,266	2,888	2,888	1,037	1,037	Mesokurtic

