

SIEVING ERROR: 1,5%

**SAMPLE STATISTICS**

SAMPLE IDENTITY: **Cabrera** ANALYST & DATE: CIIRC, 14-09-07

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

SEDIMENT NAME: Very Well Sorted Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
			GRAVEL: 0,0%	COARSE SAND: 61,6%	SAND: 99,9%	MEDIUM SAND: 37,0%
MODE 1:	550,0	0,868	MUD: 0,1%	FINE SAND: 0,0%		
MODE 2:			V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
MODE 3:			COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
D <sub>10</sub> :	426,1	0,385	MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
MEDIAN or D <sub>50</sub> :	538,3	0,894	FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
D <sub>90</sub> :	765,8	1,231	V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1,797	3,196	V COARSE SAND: 1,3%	CLAY: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	339,6	0,846				
(D <sub>75</sub> / D <sub>25</sub> ):	1,370	1,699				
(D <sub>75</sub> - D <sub>25</sub> ):	172,0	0,454				

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	569,3	549,3	0,862	549,6	0,863	Coarse Sand
SORTING ( $\sigma$ ):	145,5	1,323	0,381	1,260	0,333	Very Well Sorted
SKEWNESS ( $S_K$ ):	1,580	-5,349	3,460	0,140	-0,140	Coarse Skewed
KURTOSIS ( $K$ ):	8,510	107,1	65,38	0,999	0,999	Mesokurtic

