

SIEVING ERROR: 0,2%

### SAMPLE STATISTICS

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

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

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$		$\phi$		GRAIN SIZE DISTRIBUTION							
					GRAVEL		SAND		MUD		FINE SAND	
MODE 1:	390,0	1,364			0,0%	0,0%	100,0%	0,0%	0,0%	0,0%	30,0%	61,4%
MODE 2:											6,0%	0,7%
MODE 3:												
D <sub>10</sub> :	268,0	0,505										
MEDIAN or D <sub>50</sub> :	418,8	1,256										
D <sub>90</sub> :	704,8	1,900										
(D <sub>90</sub> / D <sub>10</sub> ):	2,630	3,764										
(D <sub>90</sub> - D <sub>10</sub> ):	436,8	1,395										
(D <sub>75</sub> / D <sub>25</sub> ):	1,641	1,813										
(D <sub>75</sub> - D <sub>25</sub> ):	212,5	0,715										

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	460,5	423,6	1,231	426,4	1,230	Medium Sand
SORTING ( $\sigma$ ):	190,3	1,530	0,561	1,444	0,530	Moderately Well Sorted
SKEWNESS ( $S_k$ ):	1,572	-2,429	0,070	0,081	-0,081	Symmetrical
KURTOSIS ( $K$ ):	7,468	37,18	4,350	1,040	1,040	Mesokurtic

