

SIEVING ERROR: 0,2%

### SAMPLE STATISTICS

SAMPLE IDENTITY: **Principal Estartit** ANALYST & DATE: CIIRC, 18-06-09

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

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$		$\phi$		GRAIN SIZE DISTRIBUTION					
					GRAVEL		SAND		FINE SAND	
MODE 1:	225,0	2,161			GRAVEL: 0,0%	SAND: 100,0%		FINE SAND: 65,1%		
MODE 2:					MUD: 0,0%			V FINE SAND: 0,3%		
MODE 3:					V COARSE GRAVEL: 0,0%	COARSE GRAVEL: 0,0%		COARSE SILT: 0,0%		
D <sub>10</sub> :	164,5	1,271			COARSE GRAVEL: 0,0%	MEDIUM GRAVEL: 0,0%		MEDIUM SILT: 0,0%		
MEDIAN or D <sub>50</sub> :	229,0	2,127			FINE GRAVEL: 0,0%	V FINE GRAVEL: 0,0%		FINE SILT: 0,0%		
D <sub>90</sub> :	414,3	2,604			V COARSE SAND: 0,3%	CLAY: 0,0%				
(D <sub>90</sub> / D <sub>10</sub> ):	2,519	2,049								
(D <sub>90</sub> - D <sub>10</sub> ):	249,9	1,333								
(D <sub>75</sub> / D <sub>25</sub> ):	1,442	1,291								
(D <sub>75</sub> - D <sub>25</sub> ):	87,15	0,528								

  

	METHOD OF MOMENTS			FOLK & WARD METHOD			Description
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic		
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$		
MEAN ( $\bar{x}$ ):	267,7	246,0	2,023	238,9	2,065		Fine Sand
SORTING ( $\sigma$ ):	130,0	1,441	0,527	1,421	0,507		Moderately Well Sorted
SKEWNESS ( $S_K$ ):	2,805	1,313	-1,313	0,287	-0,287		Coarse Skewed
KURTOSIS ( $K$ ):	13,04	5,008	5,008	1,406	1,406		Leptokurtic

