

SIEVING ERROR: 0,5%

### SAMPLE STATISTICS

SAMPLE IDENTITY: **Prat d'en Forés** ANALYST & DATE: CIIRC, 06-06-08

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

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$		$\phi$		GRAIN SIZE DISTRIBUTION							
					GRAVEL		COARSE SAND		MEDIUM SAND		FINE SAND	
MODE 1:	390,0	1,364			0,0%	0,0%	3,6%		58,2%		37,9%	
MODE 2:	225,0	2,161			100,0%							
MODE 3:					0,0%							
D <sub>10</sub> :	168,5	1,162										
MEDIAN or D <sub>50</sub> :	300,2	1,736			V COARSE GRAVEL: 0,0%				V COARSE SILT: 0,0%			
D <sub>90</sub> :	447,0	2,570			COARSE GRAVEL: 0,0%				COARSE SILT: 0,0%			
(D <sub>90</sub> / D <sub>10</sub> ):	2,653	2,212			MEDIUM GRAVEL: 0,0%				MEDIUM SILT: 0,0%			
(D <sub>90</sub> - D <sub>10</sub> ):	278,5	1,408			FINE GRAVEL: 0,0%				FINE SILT: 0,0%			
(D <sub>75</sub> / D <sub>25</sub> ):	1,807	1,618			V FINE GRAVEL: 0,0%				V FINE SILT: 0,0%			
(D <sub>75</sub> - D <sub>25</sub> ):	171,4	0,853			V COARSE SAND: 0,0%				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 ( $\bar{x}$ ):	305,6	285,1	1,810	285,2	1,810	Medium Sand
SORTING ( $\sigma$ ):	107,6	1,441	0,527	1,452	0,538	Moderately Well Sorted
SKEWNESS ( $S_K$ ):	0,468	-0,199	0,199	-0,174	0,174	Fine Skewed
KURTOSIS ( $K$ ):	2,693	2,415	2,415	0,796	0,796	Platykurtic

