

SIEVING ERROR: 0,2%

**SAMPLE STATISTICS**

SAMPLE IDENTITY: **Cristall** ANALYST & DATE: CIIRC, 21-09-07

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

SEDIMENT NAME: Very Well Sorted Very Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	1090,0	-0,119	GRAVEL: 0,0%	COARSE SAND: 36,1%		
MODE 2:			SAND: 100,0%	MEDIUM SAND: 0,1%		
MODE 3:			MUD: 0,0%	FINE SAND: 0,0%		
D <sub>10</sub> :	832,5	-0,493	V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
MEDIAN or D <sub>50</sub> :	1070,6	-0,098	COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
D <sub>90</sub> :	1407,5	0,265	MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1,691	-0,536	FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	575,0	0,758	V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1,328	-0,345	V COARSE SAND: 63,8%	CLAY: 0,0%		
(D <sub>75</sub> - D <sub>25</sub> ):	305,2	0,409				

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	1096,9	1043,9	-0,100	1077,9	-0,108	Very Coarse Sand
SORTING ( $\sigma$ ):	242,6	1,629	0,334	1,237	0,307	Very Well Sorted
SKEWNESS ( $S_K$ ):	0,321	-11,417	4,284	0,042	-0,042	Symmetrical
KURTOSIS ( $K$ ):	5,048	161,4	93,73	1,030	1,030	Mesokurtic

