

SIEVING ERROR: 0,0%

**SAMPLE STATISTICS**

SAMPLE IDENTITY: **Hortets** ANALYST & DATE: CIIRC, 04-11-08

SAMPLE TYPE: Polymodal, Poorly Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Very Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	225,0	2,161	GRAVEL: 0,0%	COARSE SAND: 20,8%		
MODE 2:	1500,0	-0,582	SAND: 100,0%	MEDIUM SAND: 22,5%		
MODE 3:	780,0	0,364	MUD: 0,0%	FINE SAND: 25,9%		
D <sub>10</sub> :	190,7	-0,656	V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%		
MEDIAN or D <sub>50</sub> :	515,8	0,955	COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%		
D <sub>90</sub> :	1575,6	2,391	MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%		
(D <sub>90</sub> / D <sub>10</sub> ):	8,264	-3,645	FINE GRAVEL: 0,0%	FINE SILT: 0,0%		
(D <sub>90</sub> - D <sub>10</sub> ):	1384,9	3,047	V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%		
(D <sub>75</sub> / D <sub>25</sub> ):	4,752	-9,380	V COARSE SAND: 30,2%	CLAY: 0,0%		
(D <sub>75</sub> - D <sub>25</sub> ):	917,5	2,249				

  

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	629,7	357,9	0,970	540,3	0,888	Coarse Sand
SORTING ( $\sigma$ ):	504,2	4,799	1,126	2,345	1,230	Poorly Sorted
SKEWNESS ( $S_K$ ):	0,812	-2,550	0,031	0,073	-0,073	Symmetrical
KURTOSIS ( $K$ ):	2,424	10,34	1,780	0,655	0,655	Very Platykurtic

