

SIEVING ERROR: 0,0%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Pont d'en Botifarreta** ANALYST & DATE: CIIRC, 20-09-07

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

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	μm		φ		GRAIN SIZE DISTRIBUTION					
					GRAVEL		COARSE SAND		FINE SAND	
MODE 1:	655,0	0,616			0,0%	73,1%		0,0%		
MODE 2:					100,0%	11,0%		0,0%		
MODE 3:					0,0%	0,0%		0,0%		
D ₁₀ :	488,3	-0,228			V COARSE GRAVEL: 0,0%		V COARSE SILT: 0,0%		V FINE SAND: 0,0%	
MEDIAN or D ₅₀ :	688,3	0,539			COARSE GRAVEL: 0,0%		COARSE SILT: 0,0%		MEDIUM SILT: 0,0%	
D ₉₀ :	1171,0	1,034			MEDIUM GRAVEL: 0,0%		MEDIUM SILT: 0,0%		FINE SILT: 0,0%	
(D ₉₀ / D ₁₀):	2,398	-4,542			FINE GRAVEL: 0,0%		FINE SILT: 0,0%		V FINE SILT: 0,0%	
(D ₉₀ - D ₁₀):	682,7	1,262			V FINE GRAVEL: 0,0%		V FINE SILT: 0,0%		CLAY: 0,0%	
(D ₇₅ / D ₂₅):	1,505	3,544			V COARSE SAND: 15,9%					
(D ₇₅ - D ₂₅):	285,7	0,590								

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	φ	μm	φ	
MEAN (\bar{x}):	744,0	640,3	0,488	710,6	0,493	Coarse Sand
SORTING (σ):	297,3	2,413	0,489	1,415	0,501	Moderately Well Sorted
SKEWNESS (S_K):	1,269	-6,118	0,065	0,203	-0,203	Coarse Skewed
KURTOSIS (K):	5,852	45,50	10,82	1,227	1,227	Leptokurtic

