SAMPLE STATISTICS

SIEVING ERROR: 0,1%

SAMPLE IDENTITY: **Vilafortuny**

ANALYST & DATE: CIIRC, 04-06-08

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Sand

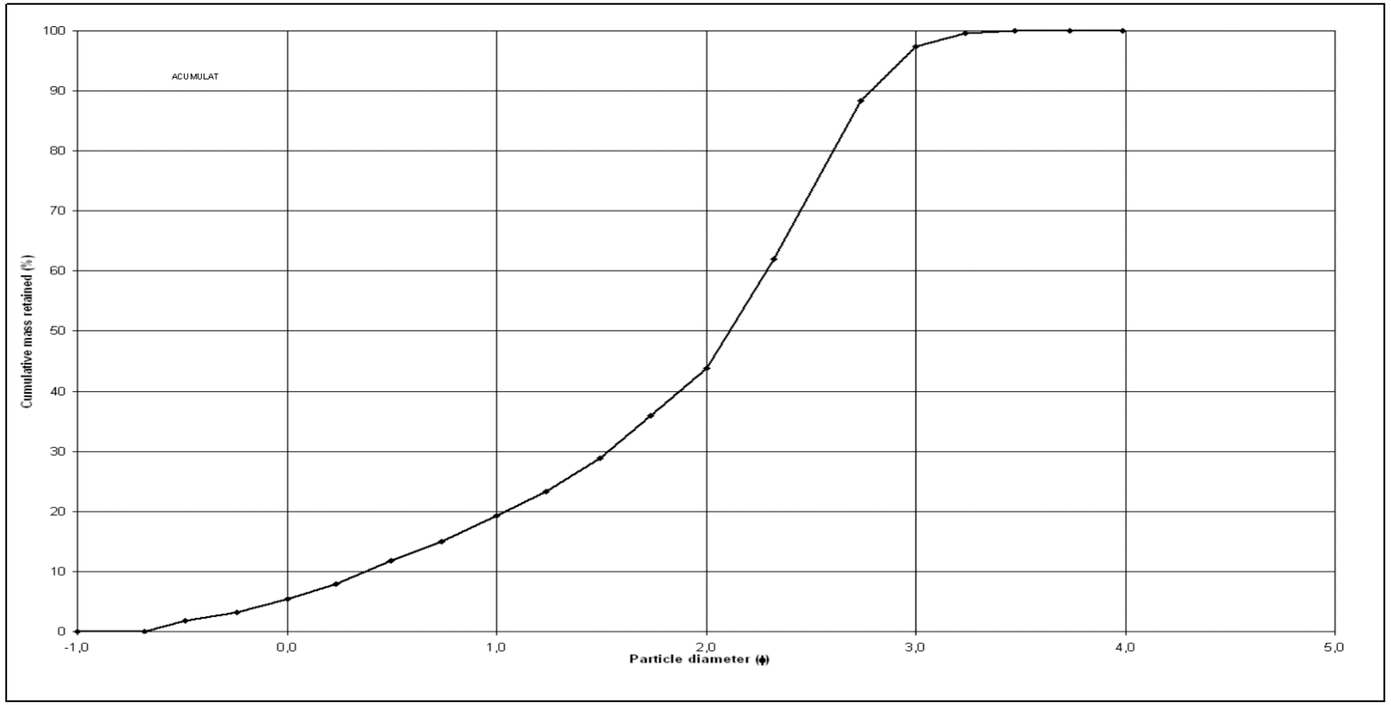
SEDIMENT NAME: Moderately Sorted Fine Sand

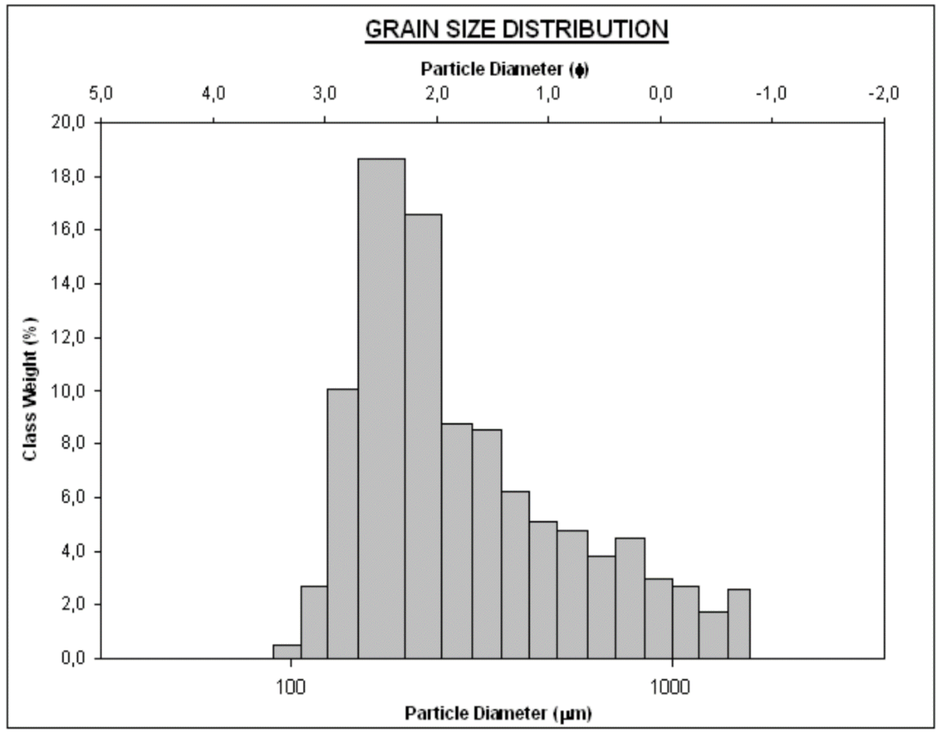
	µm	ϕ
MODE 1:	175,0	2,529
MODE 2:	780,0	0,364
MODE 3:		
D_{10}:	145,0	0,375
MEDIAN or D_{50}:	231,6	2,110
D_{90}:	771,0	2,786
(D_{90} / D_{10}):	5,318	7,426
(D_{90} - D_{10}):	626,0	2,411
(D_{75} / D_{25}):	2,322	1,926
(D_{75} - D_{25}):	229,3	1,215

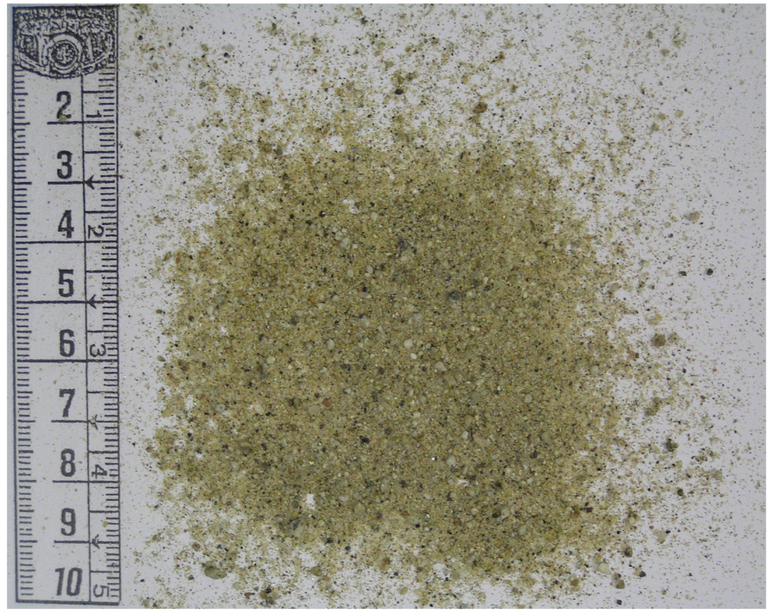
GRAIN SIZE DISTRIBUTION

GRAVEL: 0,0%	COARSE SAND: 13,8%
SAND: 100,0%	MEDIUM SAND: 24,5%
MUD: 0,0%	FINE SAND: 53,6%
	V FINE SAND: 2,6%
V COARSE GRAVEL: 0,0%	V COARSE SILT: 0,0%
COARSE GRAVEL: 0,0%	COARSE SILT: 0,0%
MEDIUM GRAVEL: 0,0%	MEDIUM SILT: 0,0%
FINE GRAVEL: 0,0%	FINE SILT: 0,0%
V FINE GRAVEL: 0,0%	V FINE SILT: 0,0%
V COARSE SAND: 5,5%	CLAY: 0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	354,5	279,1	1,841	275,6	1,859	Medium Sand
SORTING (σ):	292,9	1,887	0,916	1,891	0,919	Moderately Sorted
SKEWNESS (Sk):	2,093	0,824	-0,824	0,426	-0,426	Very Coarse Skewed
KURTOSIS (K):	7,142	3,352	3,352	1,005	1,005	Mesokurtic







Tarragona	Baix Camp	Cambrils	Platja de Vilafortuny	Tram 4	Codi: BCCA088