SAMPLE STATISTICS

SIEVING ERROR: 0,3%

SAMPLE IDENTITY: **Ardiaca**

ANALYST & DATE: CIIRC, 06-06-08

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

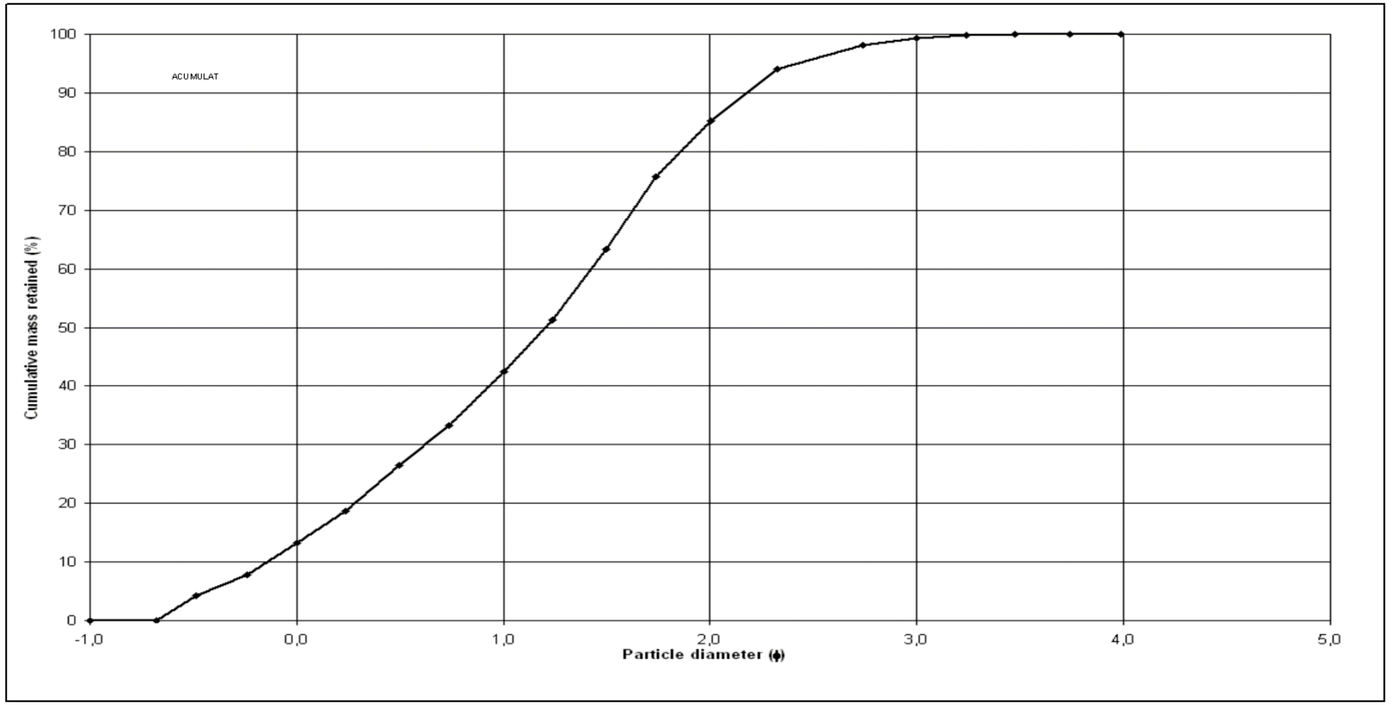
SEDIMENT NAME: Moderately Sorted Medium Sand

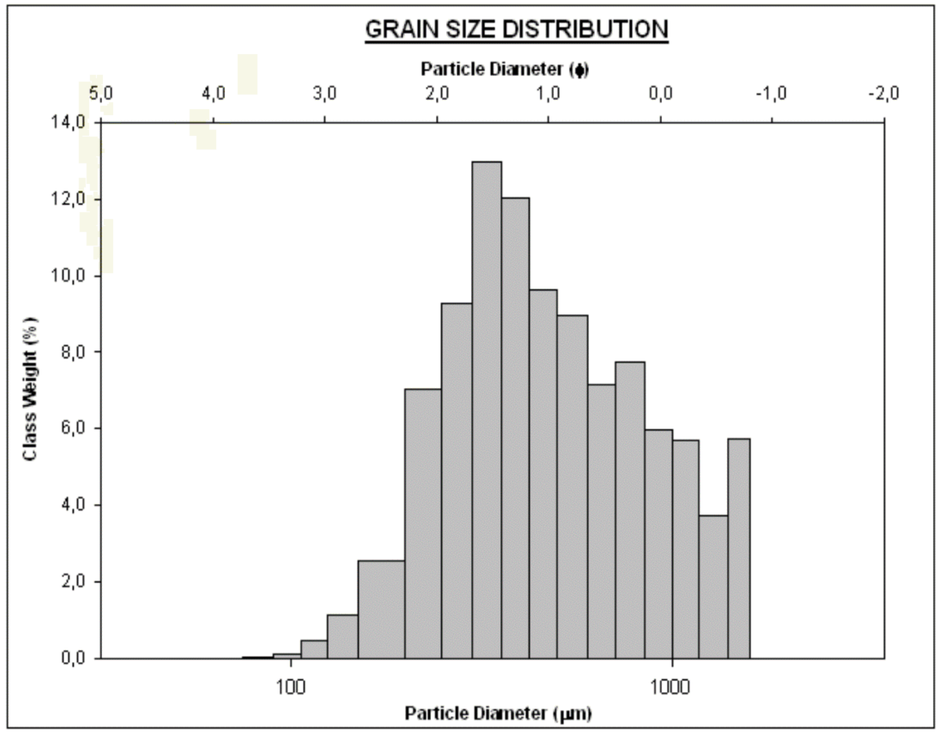
	µm	ϕ
MODE 1:	327,5	1,616
MODE 2:	780,0	0,364
MODE 3:	1500,0	-0,582
D_{10}:	221,6	-0,144
MEDIAN or D_{50}:	434,8	1,202
D_{90}:	1104,9	2,174
(D_{90} / D_{10}):	4,986	-15,105
(D_{90} - D_{10}):	883,3	2,318
(D_{75} / D_{25}):	2,427	3,878
(D_{75} - D_{25}):	432,1	1,279

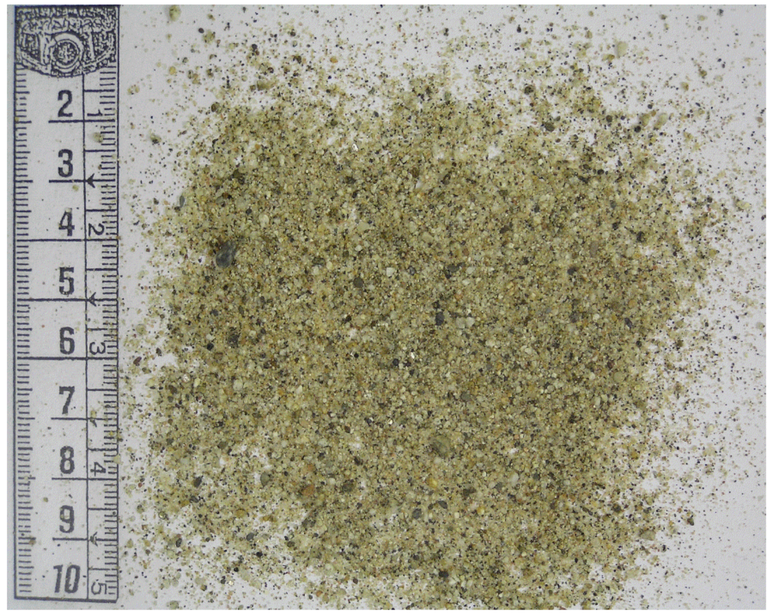
GRAIN SIZE DISTRIBUTION

GRAVEL: 0,0%	COARSE SAND: 29,2%
SAND: 100,0%	MEDIUM SAND: 42,8%
MUD: 0,0%	FINE SAND: 14,1%
	V FINE SAND: 0,6%
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: 13,2%	CLAY: 0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	559,2	465,8	1,102	467,8	1,096	Medium Sand
SORTING (σ):	349,2	1,816	0,861	1,858	0,894	Moderately Sorted
SKEWNESS (Sk):	1,172	0,142	-0,142	0,160	-0,160	Coarse Skewed
KURTOSIS (K):	3,570	2,391	2,391	0,915	0,915	Mesokurtic







Tarragona	Baix Camp	Cambrils	Platja de l'Ardiaca	Tram 4	Codi: BCCA082