## SAMPLE STATISTICS

SIEVING ERROR: 0,3%

SAMPLE IDENTITY: **Fosca**

ANALYST & DATE: CIIRC, 20-04-09

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

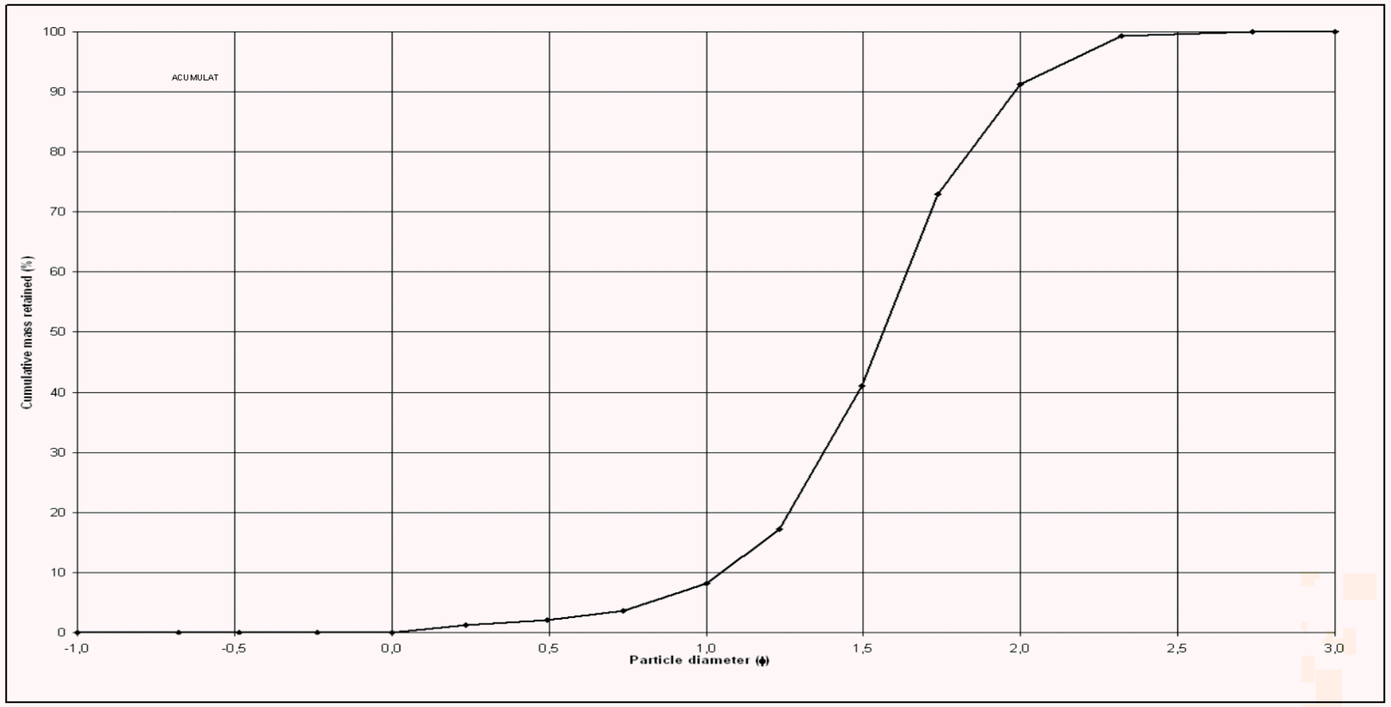
SEDIMENT NAME: Well Sorted Medium Sand

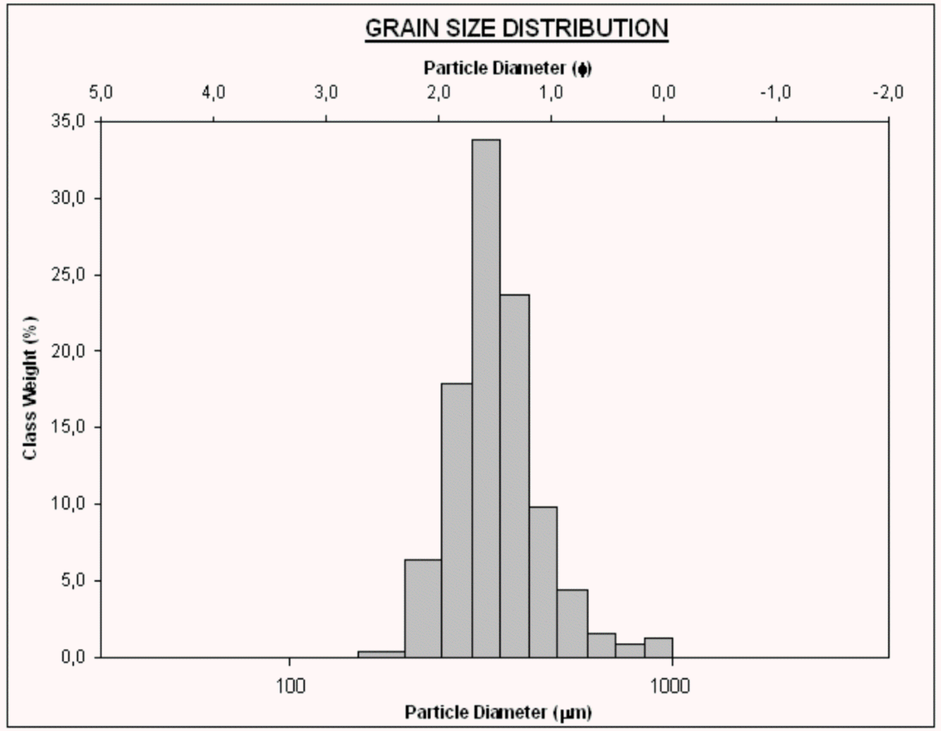
| | µm | ϕ |
|---|---|---|
| MODE 1: | 327,5 | 1,616 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 253,2 | 1,048 |
| MEDIAN or $D_{50}$: | 338,7 | 1,562 |
| $D_{90}$: | 483,5 | 1,982 |
| ($D_{90}$ / $D_{10}$): | 1,910 | 1,890 |
| ($D_{90}$ - $D_{10}$): | 230,3 | 0,933 |
| ($D_{75}$ / $D_{25}$): | 1,363 | 1,338 |
| ($D_{75}$ - $D_{25}$): | 106,6 | 0,446 |

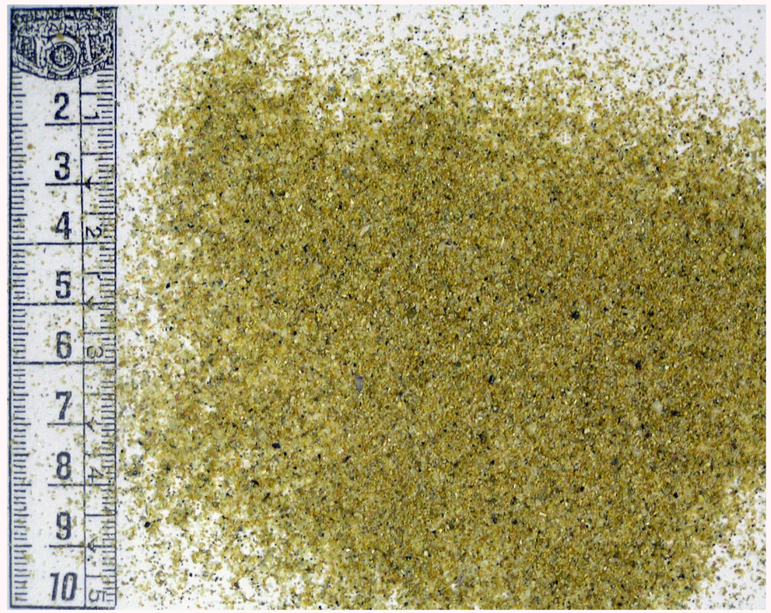
GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 8,1% |
| SAND: 100,0% | MEDIUM SAND: 83,1% |
| MUD: 0,0% | FINE SAND: 8,7% |
| | V FINE SAND: 0,0% |
| 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: 0,0% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic µm | Geometric µm | Logarithmic ϕ | Geometric µm | Logarithmic ϕ | Description |
| MEAN ($\bar{x}$): | 362,0 | 346,6 | 1,529 | 340,6 | 1,554 | Medium Sand |
| SORTING ($\sigma$): | 113,5 | 1,311 | 0,391 | 1,296 | 0,375 | Well Sorted |
| SKEWNESS ($Sk$): | 2,180 | 0,755 | -0,755 | 0,076 | -0,076 | Symmetrical |
| KURTOSIS ($K$): | 10,26 | 4,641 | 4,641 | 1,223 | 1,223 | Leptokurtic |



| Girona | Baix Empordà | Palamós | Platja de la Fosca | Tram 18 | Codi: BEPA034 |
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