## SAMPLE STATISTICS

SIEVING ERROR: 0,1%

SAMPLE IDENTITY: **Garraf**

ANALYST & DATE: CIIRC, 19-10-07

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

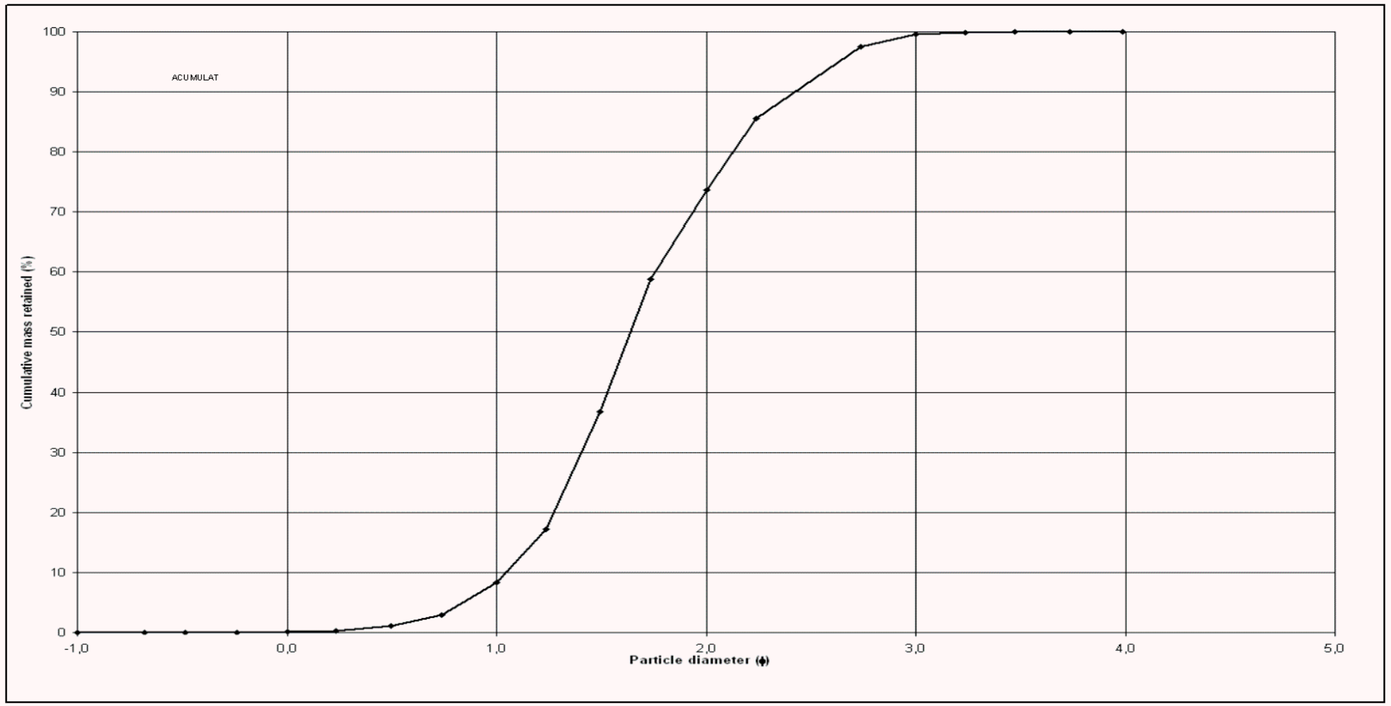
SEDIMENT NAME: Moderately Well Sorted Medium Sand

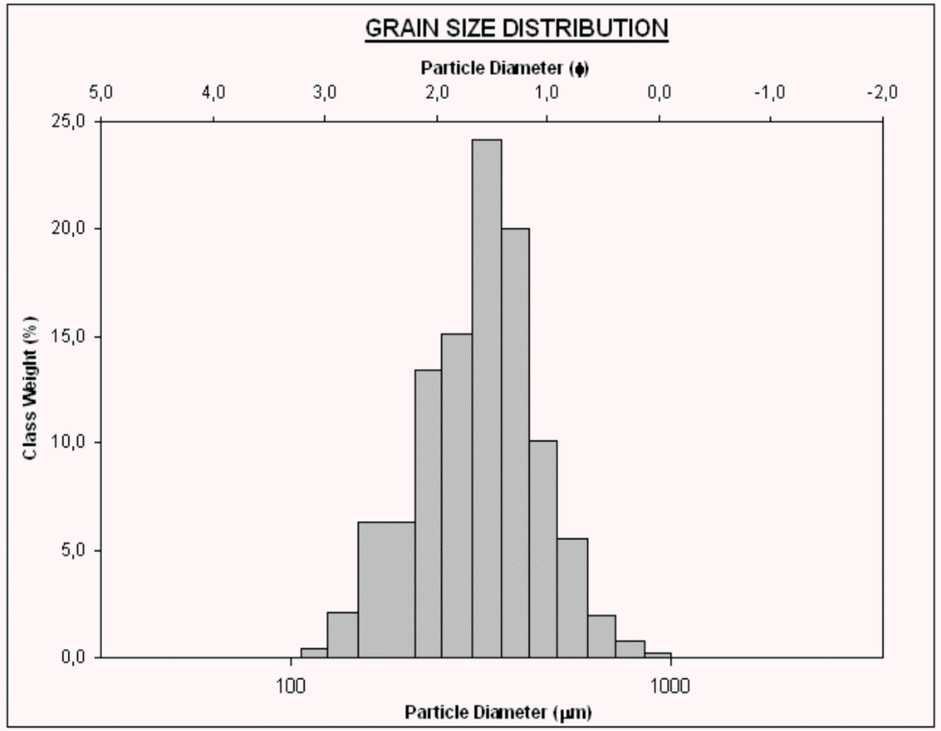
| | µm | $\phi$ |
|---|---|---|
| MODE 1: | 327,5 | 1,616 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 186,3 | 1,044 |
| MEDIAN or $D_{50}$: | 320,8 | 1,640 |
| $D_{90}$: | 485,1 | 2,424 |
| ($D_{90}$ / $D_{10}$): | 2,604 | 2,323 |
| ($D_{90}$ - $D_{10}$): | 298,8 | 1,381 |
| ($D_{75}$ / $D_{25}$): | 1,613 | 1,516 |
| ($D_{75}$ - $D_{25}$): | 150,4 | 0,690 |

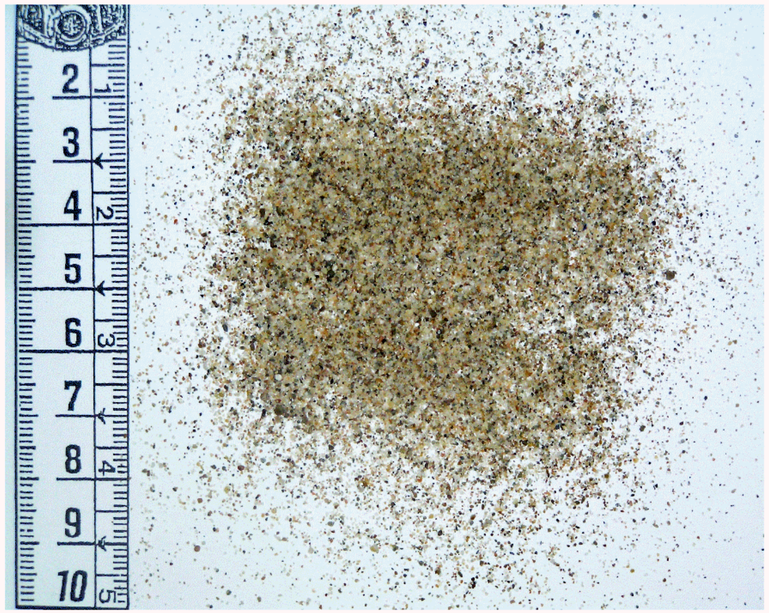
GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 8,3% |
| SAND: 100,0% | MEDIUM SAND: 65,3% |
| MUD: 0,0% | FINE SAND: 25,9% |
| | V FINE SAND: 0,4% |
| 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: 0,1% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic µm | Geometric µm | Logarithmic $\phi$ | Geometric µm | Logarithmic $\phi$ | Description |
| MEAN ($\bar{x}$): | 333,4 | 311,0 | 1,685 | 311,5 | 1,683 | Medium Sand |
| SORTING ($\sigma$): | 121,8 | 1,442 | 0,529 | 1,437 | 0,523 | Moderately Well Sorted |
| SKEWNESS ($Sk$): | 1,155 | -0,410 | 0,410 | -0,117 | 0,117 | Fine Skewed |
| KURTOSIS ($K$): | 6,121 | 5,843 | 5,843 | 1,066 | 1,066 | Mesokurtic |



| Barcelona | Garraf | Sitges | Platja de Garraf | Tram 7 | Codi: GASI026 |
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