## SAMPLE STATISTICS

SIEVING ERROR: 0,0%

SAMPLE IDENTITY: **Gava**

ANALYST & DATE: CIIRC, 27-09-07

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

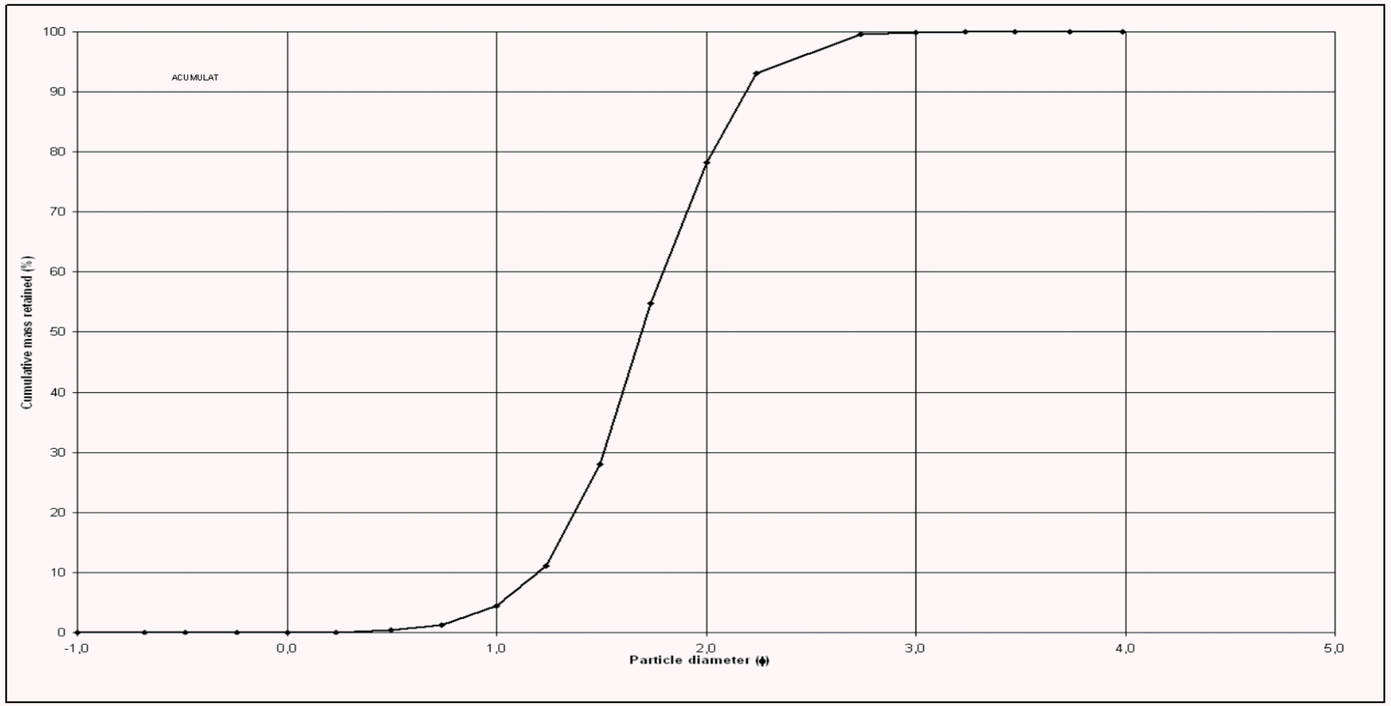
SEDIMENT NAME: Well Sorted Medium Sand

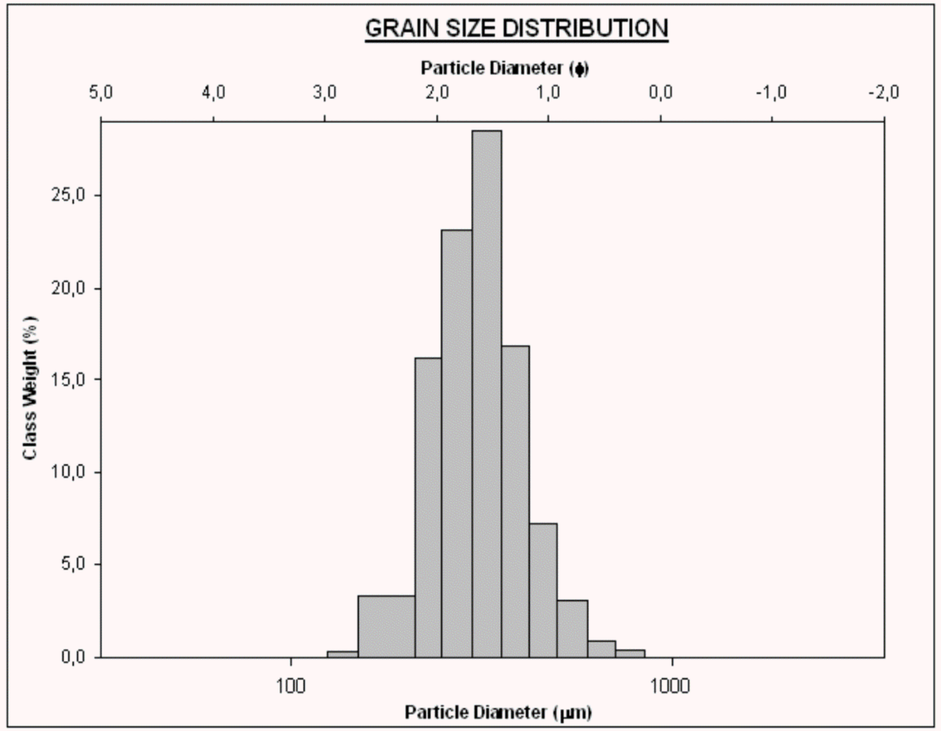
| | µm | ϕ |
|---|---|---|
| MODE 1: | 327,5 | 1,616 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 219,3 | 1,196 |
| MEDIAN or $D_{50}$: | 309,1 | 1,694 |
| $D_{90}$: | 436,6 | 2,189 |
| ($D_{90}$ / $D_{10}$): | 1,991 | 1,831 |
| ($D_{90}$ - $D_{10}$): | 217,3 | 0,993 |
| ($D_{75}$ / $D_{25}$): | 1,430 | 1,357 |
| ($D_{75}$ - $D_{25}$): | 110,3 | 0,516 |

GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 4,5% |
| SAND: 100,0% | MEDIUM SAND: 73,7% |
| MUD: 0,0% | FINE SAND: 21,7% |
| | V FINE SAND: 0,1% |
| 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 ($\bar{x}$): | 321,9 | 308,0 | 1,699 | 308,0 | 1,699 | Medium Sand |
| SORTING ($\sigma$): | 94,21 | 1,326 | 0,407 | 1,323 | 0,404 | Well Sorted |
| SKEWNESS ($Sk$): | 1,226 | -0,023 | 0,023 | -0,017 | 0,017 | Symmetrical |
| KURTOSIS ($K$): | 5,955 | 4,899 | 4,899 | 1,088 | 1,088 | Mesokurtic |



| Barcelona | Baix Llobregat | Gavà | Platja de Gavà | Tram 8 | Codi: BLGA030 |
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