## SAMPLE STATISTICS

SIEVING ERROR: 0,1%

SAMPLE IDENTITY: **Cavaió**

ANALYST & DATE: CIIRC, 21-06-07

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

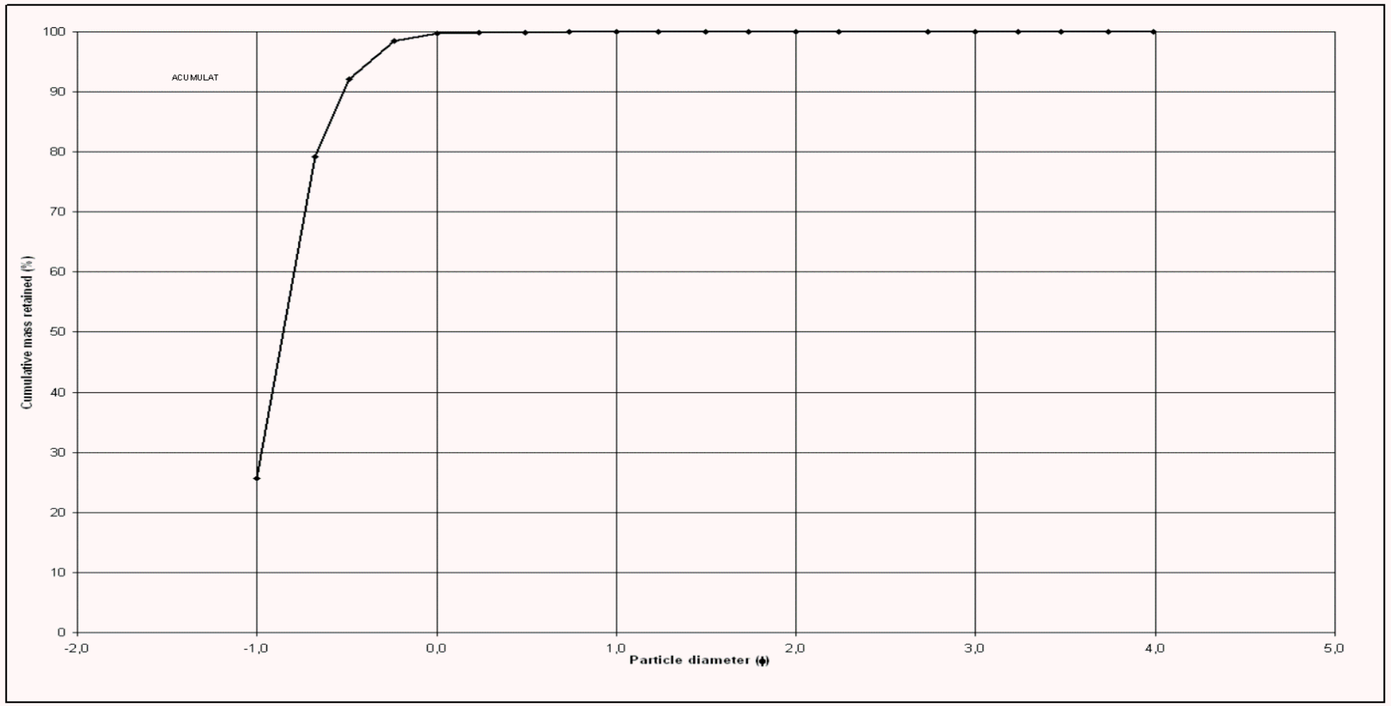
SEDIMENT NAME: Very Well Sorted Very Coarse Sand

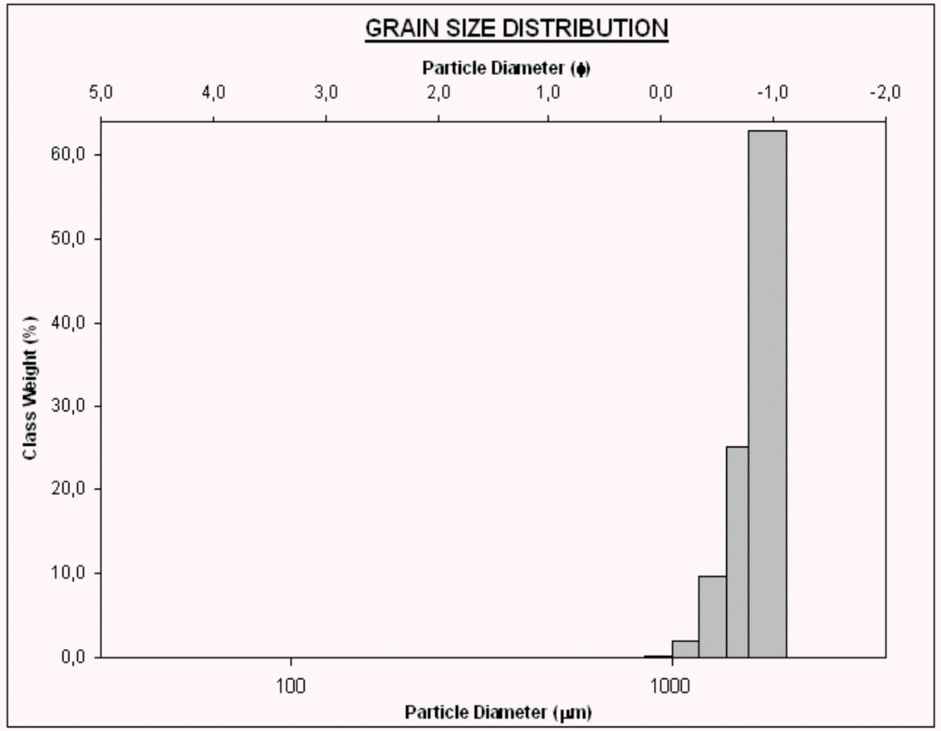
| | µm | ϕ |
|---|---|---|
| MODE 1: | 1800,0 | -0,839 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 1430,6 | -1,121 |
| MEDIAN or $D_{50}$: | 1807,0 | -0,854 |
| $D_{90}$: | 2174,5 | -0,517 |
| ($D_{90}$ / $D_{10}$): | 1,520 | 0,461 |
| ($D_{90}$ - $D_{10}$): | 743,9 | 0,604 |
| ($D_{75}$ / $D_{25}$): | 1,208 | 0,720 |
| ($D_{75}$ - $D_{25}$): | 339,5 | 0,273 |

GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 0,2% |
| SAND: 100,0% | MEDIUM SAND: 0,0% |
| MUD: 0,0% | FINE SAND: 0,0% |
| | 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: 99,7% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | µm | µm | ϕ | µm | ϕ | |
| MEAN ($\bar{x}$): | 1256,5 | 249,4 | -0,548 | 1619,0 | -0,695 | Very Coarse Sand |
| SORTING ($\sigma$): | 755,9 | 25,53 | 0,371 | 0,985 | -0,022 | Very Well Sorted |
| SKEWNESS ($Sk$): | -0,973 | -1,114 | 1,833 | -9,721 | 9,721 | Very Fine Skewed |
| KURTOSIS ($K$): | 2,100 | 2,246 | 25,73 | -0,266 | -0,266 | Very Platykurtic |



| Barcelona | Maresme | Arenys de Mar | Platja del Cavaió | Tram 15 | Codi: MAAM079 |
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