## SAMPLE STATISTICS

SIEVING ERROR: 0,1%

SAMPLE IDENTITY: **Banys de Mongat**

ANALYST & DATE: CIIRC, 20-09-07

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

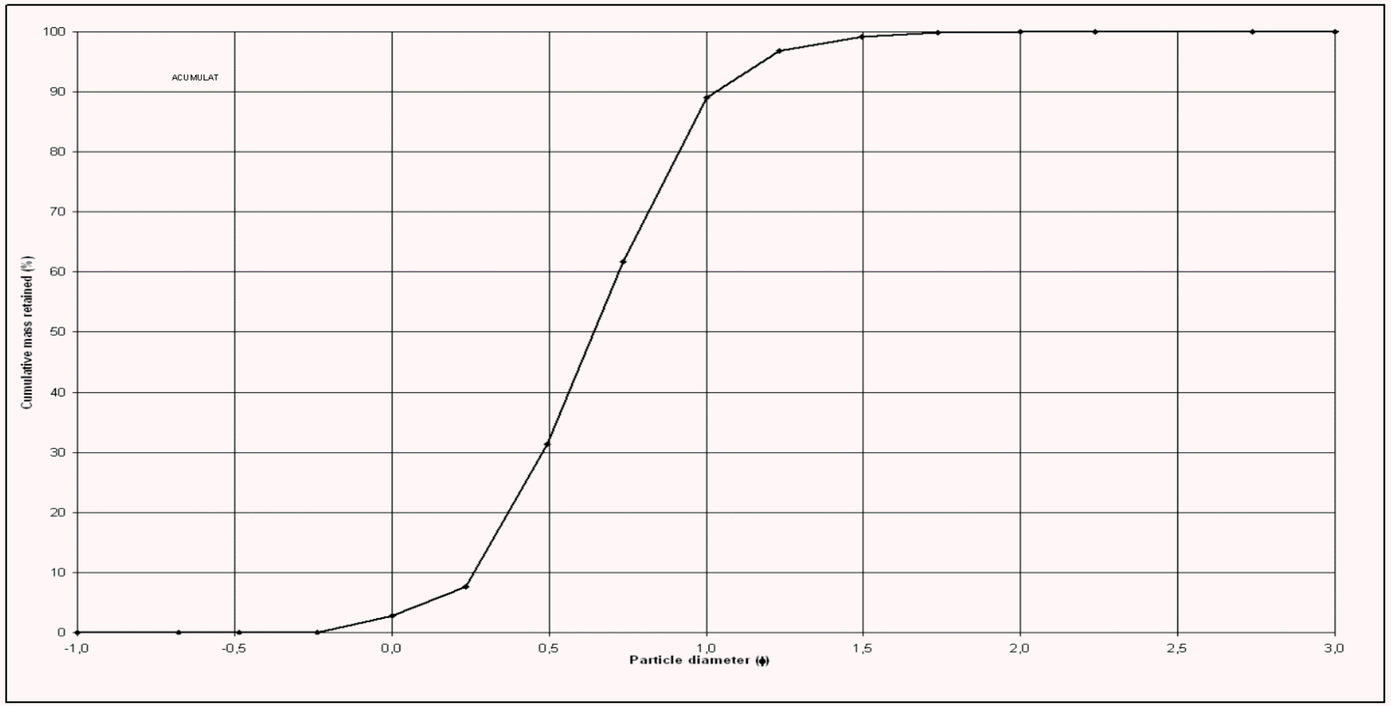
SEDIMENT NAME: Very Well Sorted Coarse Sand

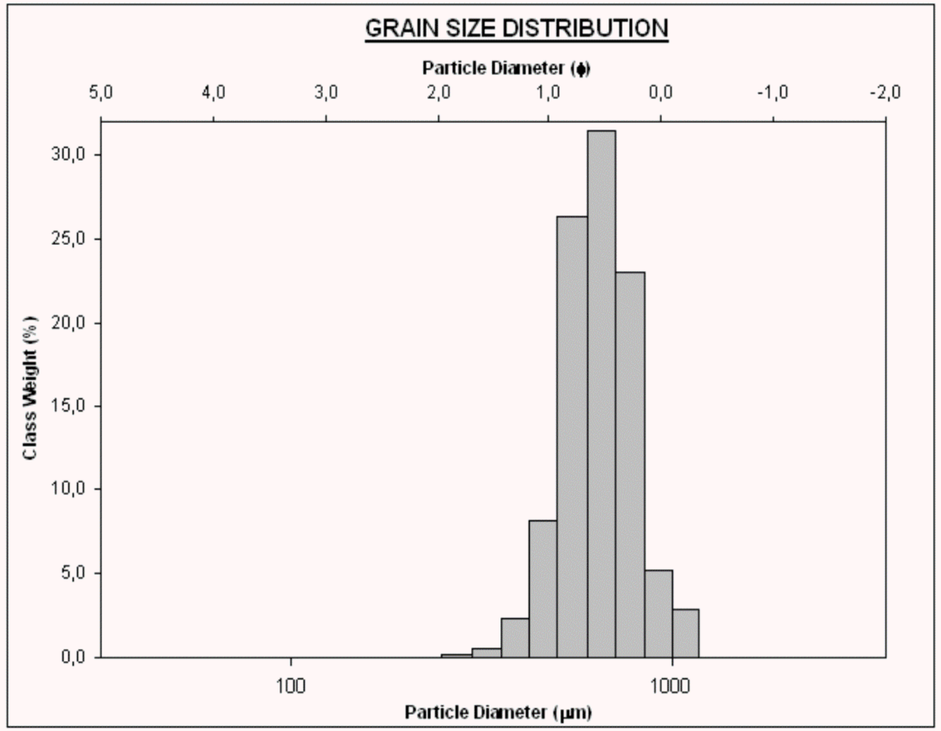
| | µm | $\phi$ |
|---|---|---|
| MODE 1: | 655,0 | 0,616 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 490,7 | 0,260 |
| MEDIAN or $D_{50}$: | 640,2 | 0,643 |
| $D_{90}$: | 834,9 | 1,027 |
| ($D_{90}$ / $D_{10}$): | 1,702 | 3,947 |
| ($D_{90}$ - $D_{10}$): | 344,3 | 0,767 |
| ($D_{75}$ / $D_{25}$): | 1,357 | 2,037 |
| ($D_{75}$ - $D_{25}$): | 195,9 | 0,440 |

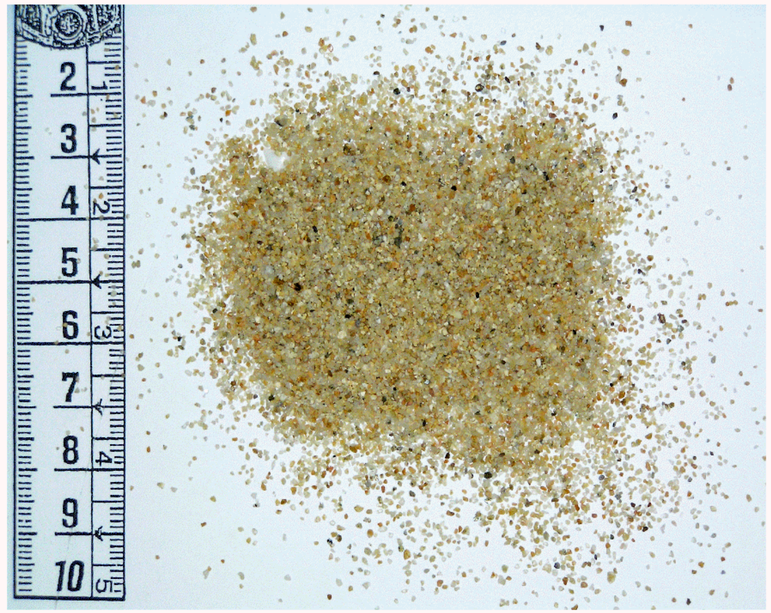
GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 86,4% |
| SAND: 100,0% | MEDIUM SAND: 10,9% |
| 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: 2,8% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | µm | µm | $\phi$ | µm | $\phi$ | |
| MEAN ($\bar{x}$): | 657,1 | 639,1 | 0,646 | 641,7 | 0,640 | Coarse Sand |
| SORTING ($\sigma$): | 144,8 | 1,246 | 0,317 | 1,247 | 0,319 | Very Well Sorted |
| SKEWNESS ($Sk$): | 0,633 | -0,136 | 0,136 | 0,008 | -0,008 | Symmetrical |
| KURTOSIS ($K$): | 3,764 | 3,506 | 3,506 | 0,998 | 0,998 | Mesokurtic |



| Barcelona | Maresme | Montgat | Platja Banys de Mongat | Tram 10 | Codi: MAMO052 |
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