## SAMPLE STATISTICS

SIEVING ERROR: 0,0%

SAMPLE IDENTITY: **Cala Gastell**

ANALYST & DATE: CIIRC, 01-10-08

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

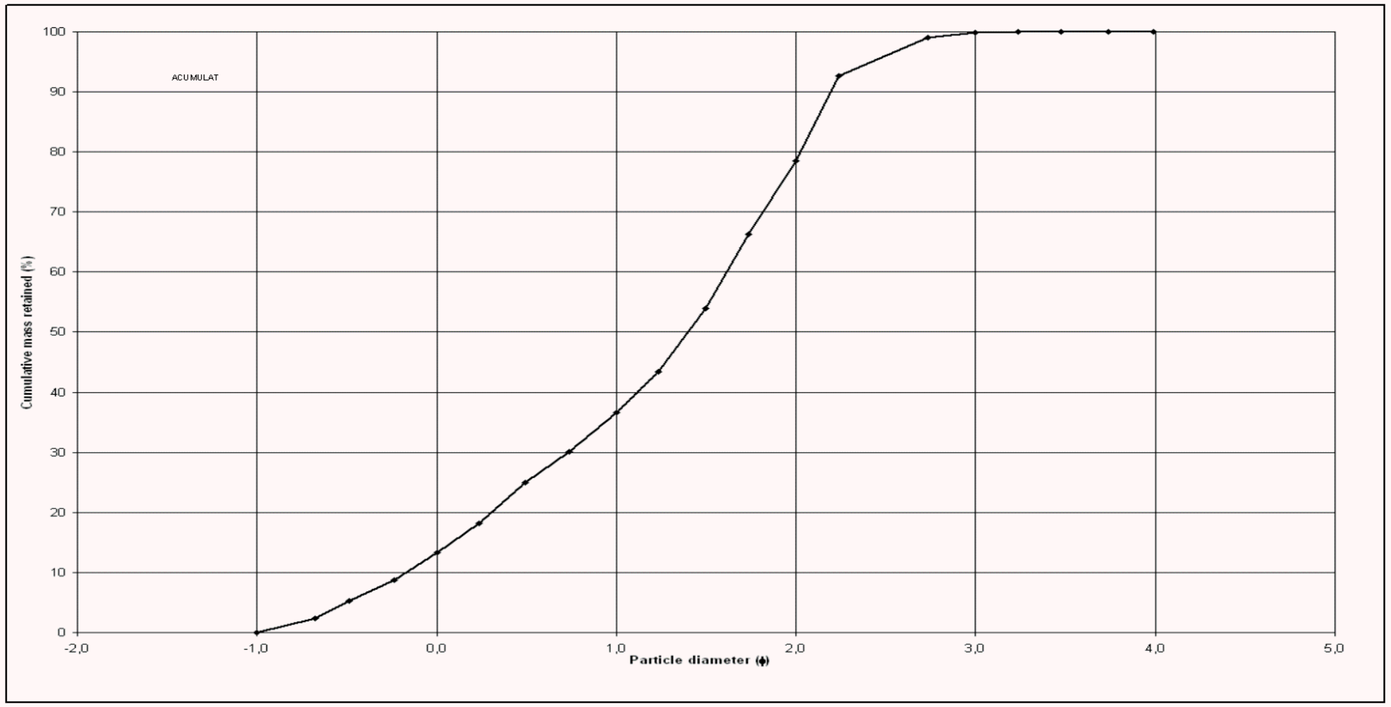
SEDIMENT NAME: Moderately Sorted Medium Sand

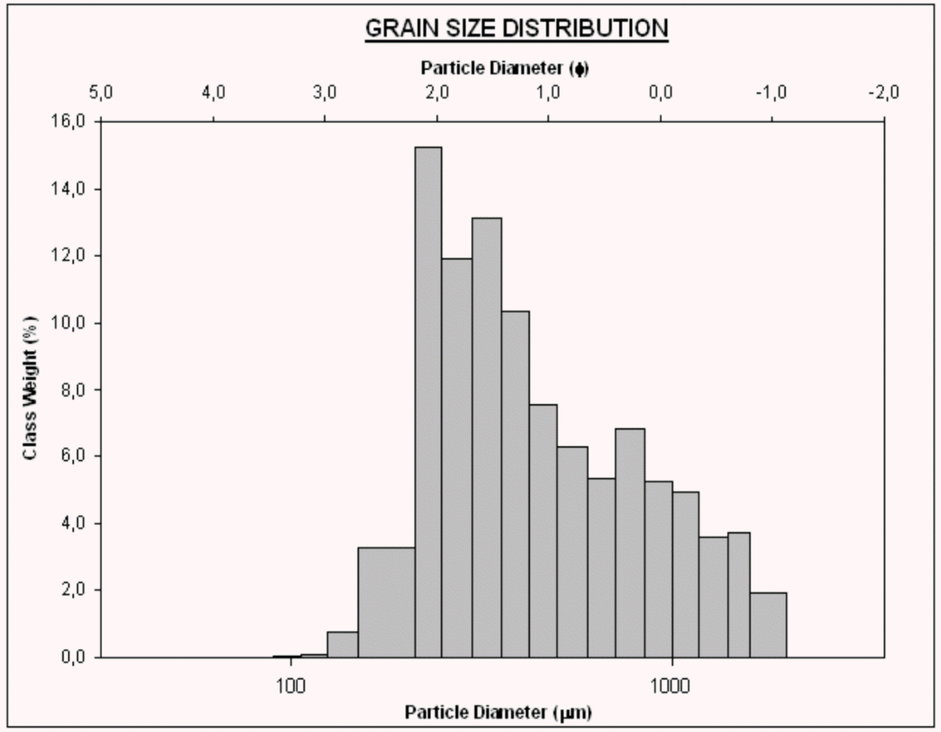
| | µm | $\phi$ |
|---|---|---|
| MODE 1: | 231,0 | 2,119 |
| MODE 2: | 327,5 | 1,616 |
| MODE 3: | 780,0 | 0,364 |
| $D_{10}$: | 218,7 | -0,171 |
| MEDIAN or $D_{50}$: | 379,8 | 1,397 |
| $D_{90}$: | 1126,0 | 2,193 |
| ($D_{90}$ / $D_{10}$): | 5,149 | -12,806 |
| ($D_{90}$ - $D_{10}$): | 907,4 | 2,364 |
| ($D_{75}$ / $D_{25}$): | 2,696 | 3,900 |
| ($D_{75}$ - $D_{25}$): | 446,9 | 1,431 |

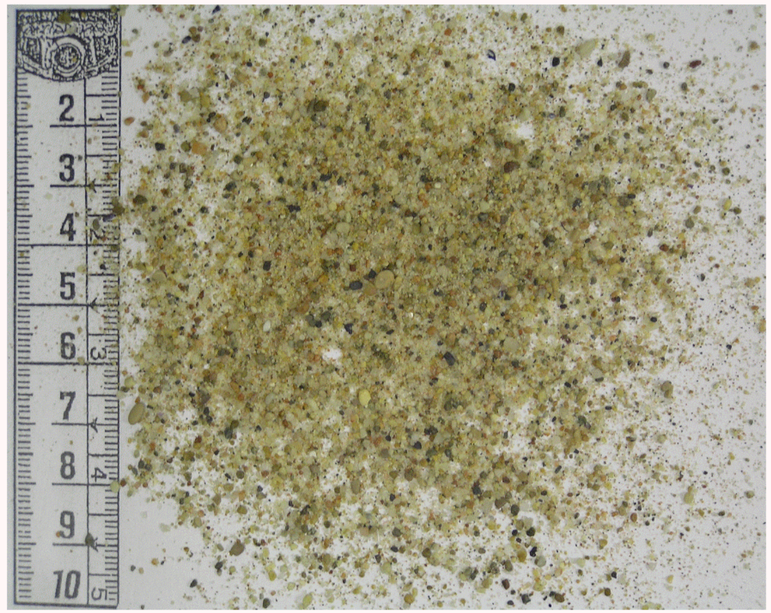
GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 23,3% |
| SAND: 100,0% | MEDIUM SAND: 41,9% |
| MUD: 0,0% | FINE SAND: 21,3% |
| | V FINE SAND: 0,2% |
| 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: 13,3% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | µm | µm | $\phi$ | µm | $\phi$ | |
| MEAN ($\bar{x}$): | 540,1 | 435,8 | 1,198 | 433,2 | 1,207 | Medium Sand |
| SORTING ($\sigma$): | 386,9 | 1,872 | 0,905 | 1,909 | 0,933 | Moderately Sorted |
| SKEWNESS ($Sk$): | 1,511 | 0,486 | -0,486 | 0,295 | -0,295 | Coarse Skewed |
| KURTOSIS ($K$): | 4,669 | 2,377 | 2,377 | 0,837 | 0,837 | Platykurtic |



| Tarragona | Baix Camp | Vandellòs i l'Hospitalet de l'Infant | Cala Gastell | Tram 3 | Codi: BCHI065 |
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