

SIEVING ERROR: -0,3%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Garbí de Llorell** ANALYST & DATE: CIIRC, 23-03-09

SAMPLE TYPE: Bimodal, Moderately Well Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Very Coarse Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | |
|---------------------------------------|---------------|--------|-------------------------|---------------------|
| MODE 1: | 1090,0 | -0,119 | GRAVEL: 0,0% | COARSE SAND: 29,4% |
| MODE 2: | 780,0 | 0,364 | SAND: 100,0% | MEDIUM SAND: 9,4% |
| MODE 3: | | | MUD: 0,0% | FINE SAND: 1,7% |
| D ₁₀ : | 465,9 | -1,032 | | V FINE SAND: 0,1% |
| MEDIAN or D ₅₀ : | 1109,8 | -0,150 | V COARSE GRAVEL: 0,0% | V COARSE SILT: 0,0% |
| D ₉₀ : | 2045,4 | 1,102 | COARSE GRAVEL: 0,0% | COARSE SILT: 0,0% |
| (D ₉₀ / D ₁₀): | 4,390 | -1,067 | MEDIUM GRAVEL: 0,0% | MEDIUM SILT: 0,0% |
| (D ₉₀ - D ₁₀): | 1579,5 | 2,134 | FINE GRAVEL: 0,0% | FINE SILT: 0,0% |
| (D ₇₅ / D ₂₅): | 2,009 | -0,650 | V FINE GRAVEL: 0,0% | V FINE SILT: 0,0% |
| (D ₇₅ - D ₂₅): | 766,6 | 1,006 | V COARSE SAND: 59,2% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|-----------------------|-----------------------------|----------------------------|-----------------------|----------------------------|-----------------------|------------------------|
| | Arithmetic μm | Geometric μm | Logarithmic ϕ | Geometric μm | Logarithmic ϕ | Description |
| MEAN (\bar{x}): | 930,9 | 436,4 | 0,091 | 1064,9 | -0,091 | Very Coarse Sand |
| SORTING (σ): | 529,1 | 9,043 | 0,709 | 1,621 | 0,697 | Moderately Well Sorted |
| SKEWNESS (S_K): | -0,153 | -2,259 | 1,287 | -0,404 | 0,404 | Very Fine Skewed |
| KURTOSIS (K): | 2,214 | 6,482 | 5,958 | 0,803 | 0,803 | Platykurtic |

