GOBIERNO DE ESPAÑA — MINISTERIO DE MEDIO AMBIENTE Y MEDIO RURAL Y MARINO — SECRETARIA GENERAL DEL MAR — DIRECCIÓN GENERAL DE SOSTENIBILIDAD DE LA COSTA Y DEL MAR

UTE: Intecsa-Inarsa · tecnoambiente · GEOMYTSA

Laboratorio: GEOMYTSA Geofísica Mar y Tierra

| | | | | | |
|---|---|---|---|---|---|
| **Proyecto:** | *Estudio Ecocartográfico del Litoral de las Islas de Menorca, Ibiza y Formentera. Ref.- 28-4811* | **Ref. muestra:** | **IF-433** | **Profundidad (m):** | **8.04** |
| | | **Sistema de Referencia:** | | **ED50** | **X= 368858** |
| **Isla(s):** | **Ibiza-Formentera** | **Proyección:** | | **UTM (Huso 31)** | **Y= 4281696** |
| | | **Fecha:** | **2009** | **Peso inicial (gr):** | **100.00** |

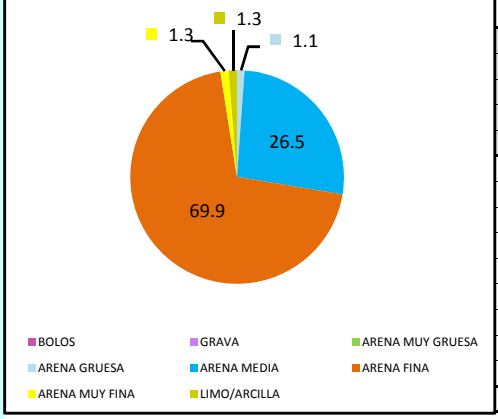
## *ANÁLISIS FÍSICO-QUÍMICOS*

| Materia Orgánica (%) | REDOX (mV) | Metales Pesados (mg/kg) | | | | |
|---|---|---|---|---|---|---|
| | | Cadmio | Cobre | Mercurio | Plomo | Vanadio |
| 1.7 | 102 | 0.16 | <2.5 | <0.25 | 3.1 | 134 |

## *ANÁLISIS GRANULOMÉTRICOS*

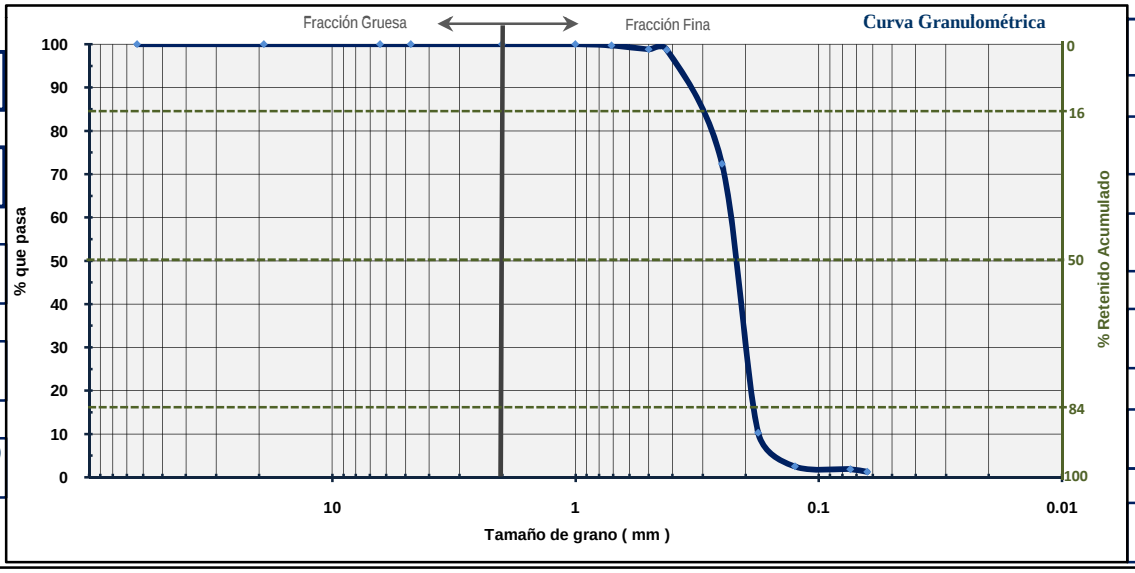
**Norma:** ASTM *(Escala Wentworth)*

**Proporción de materiales en la muestra (%).**

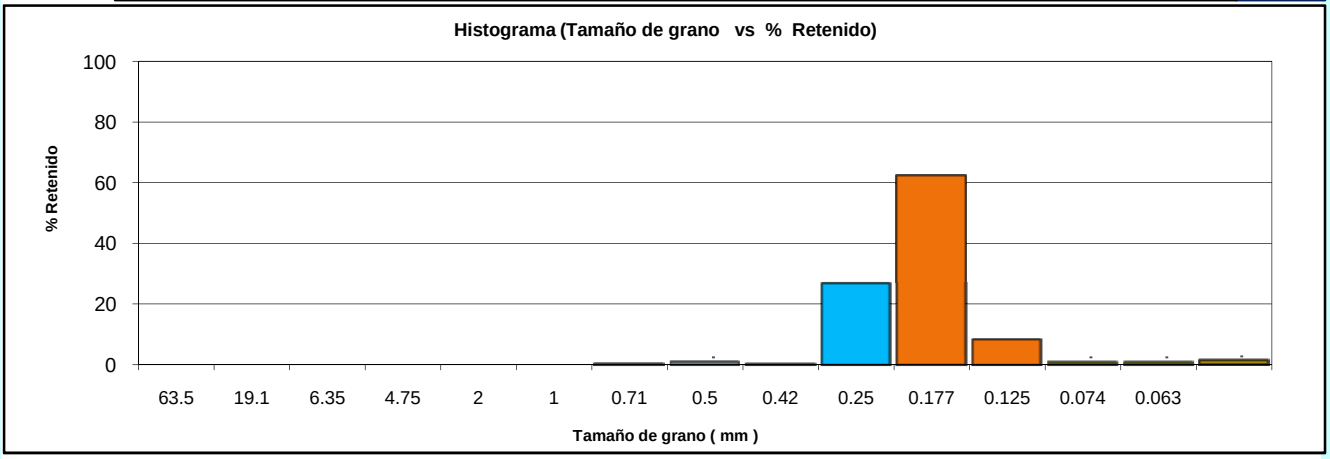



| Tamiz | Diámetro de grano ( mm ) | Peso retenido (Acumulado) (gr) | % *retenido* | % *retenido* (Acumulado) | % *que pasa* | |
|---|---|---|---|---|---|---|
| 2.5" | 63.5 | 0.00 | 0.00 | 0.00 | 100.00 | Fracción gruesa |
| 3/4" | 19.1 | 0.00 | 0.00 | 0.00 | 100.00 | |
| 1/4" | 6.35 | 0.00 | 0.00 | 0.00 | 100.00 | |
| Nº 4 | 4.75 | 0.00 | 0.00 | 0.00 | 100.00 | |
| Nº10 | 2 | 0.00 | 0.00 | 0.00 | 100.00 | |
| Nº18 | 1 | 0.00 | 0.00 | 0.00 | 100.00 | Fracción fina |
| Nº25 | 0.71 | 0.30 | 0.30 | 0.30 | 99.70 | |
| Nº35 | 0.5 | 1.13 | 0.83 | 1.13 | 98.87 | |
| Nº40 | 0.42 | 1.28 | 0.15 | 1.28 | 98.72 | |
| Nº60 | 0.25 | 27.60 | 26.32 | 27.60 | 72.40 | |
| Nº80 | 0.177 | 89.68 | 62.08 | 89.68 | 10.32 | |
| Nº120 | 0.125 | 97.50 | 7.82 | 97.50 | 2.50 | |
| Nº200 | 0.074 | 98.13 | 0.63 | 98.13 | 1.87 | |
| Nº230 | 0.063 | 98.75 | 0.62 | 98.75 | 1.25 | |
| | < 0.063 | 100.00 | 1.25 | 100.00 | | |

| | |
|---|---|
| **Moda** | **AF** |
| **D50 (mm)** | **0.22** |
| **D84 (mm)** | **0.18** |
| **D16 (mm)** | **0.32** |
| **MEDIA (mm)** | **0.19** |




| | |
|---|---|
| $\Phi_{50}$ | **2.16** |
| $\Phi_{84}$ | **2.44** |
| $\Phi_{16}$ | **1.62** |
| $M_\Phi$ | **2.08** |
| $\sigma_\Phi$ | **0.41** |
| $A_\Phi$ | **-0.21** |




**Bolos (B)** · **Gravas (G)** · **Arena muy gruesa (AMG)** · **Arena gruesa (AG)** · **Arena media (AM)** · **Arena fina (AF)** · **Arena muy fina (AMF)** · **Limo/Arcilla (F)**