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-283** | **Profundidad (m):** | **45.80** |
| | | **Sistema de Referencia:** | | **ED50** | **X= 380440** |
| **Isla(s):** | **Ibiza-Formentera** | **Proyección:** | | **UTM (Huso 31)** | **Y= 4320206** |
| | | **Fecha:** | **2009** | **Peso inicial (gr):** | **100.00** |

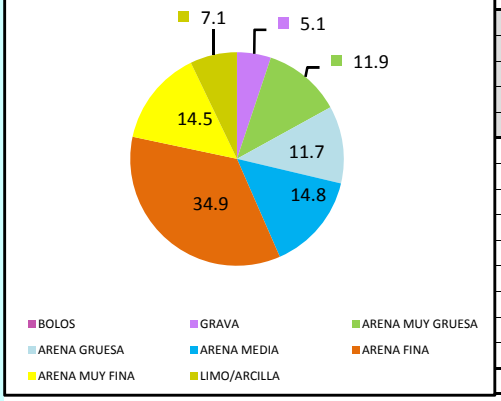
## *ANÁLISIS FÍSICO-QUÍMICOS*

| Materia Orgánica (%) | REDOX (mV) | Metales Pesados (mg/kg) | | | | |
|---|---|---|---|---|---|---|
| | | Cadmio | Cobre | Mercurio | Plomo | Vanadio |
| 1.8 | 124 | 0.11 | 4 | <0.25 | <2.5 | 106 |

## *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 | 5.10 | 5.10 | 5.10 | 94.90 | |
| Nº18 | 1 | 16.95 | 11.85 | 16.95 | 83.05 | Fracción fina |
| Nº25 | 0.71 | 22.86 | 5.91 | 22.86 | 77.14 | |
| Nº35 | 0.5 | 28.69 | 5.83 | 28.69 | 71.31 | |
| Nº40 | 0.42 | 29.84 | 1.15 | 29.84 | 70.16 | |
| Nº60 | 0.25 | 43.45 | 13.61 | 43.45 | 56.55 | |
| Nº80 | 0.177 | 65.21 | 21.76 | 65.21 | 34.79 | |
| Nº120 | 0.125 | 78.35 | 13.14 | 78.35 | 21.65 | |
| Nº200 | 0.074 | 84.31 | 5.96 | 84.31 | 15.69 | |
| Nº230 | 0.063 | 92.86 | 8.55 | 92.86 | 7.14 | |
| | < 0.063 | 100.00 | 7.14 | 100.00 | | |

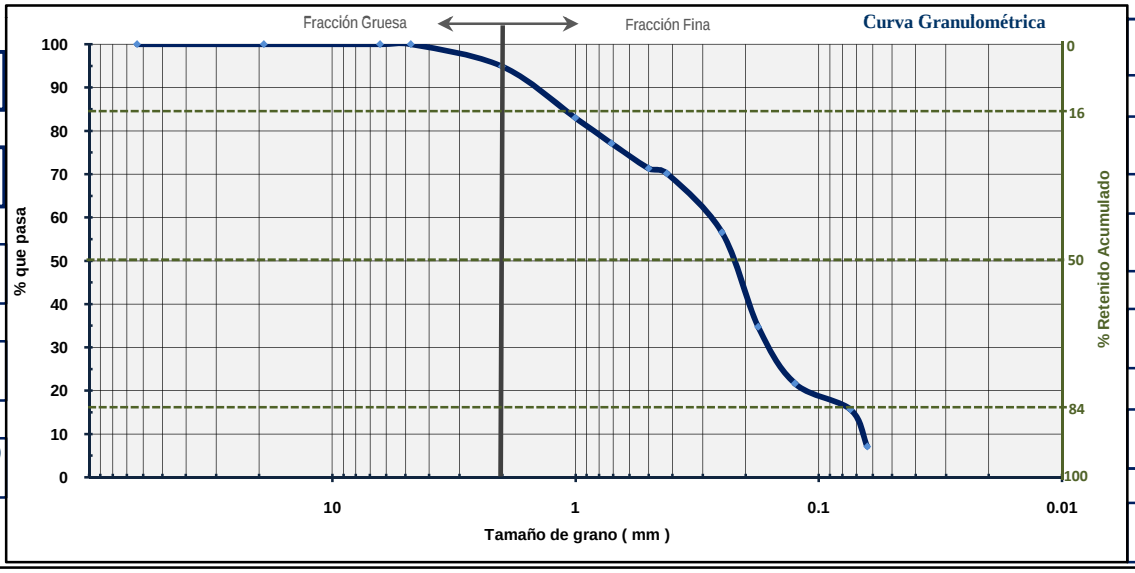
**Moda** AF

**D50 (mm)** 0.23

**D84 (mm)** 0.08

**D16 (mm)** 1.08

**MEDIA (mm)** 0.40




$\Phi_{50}$ 2.13

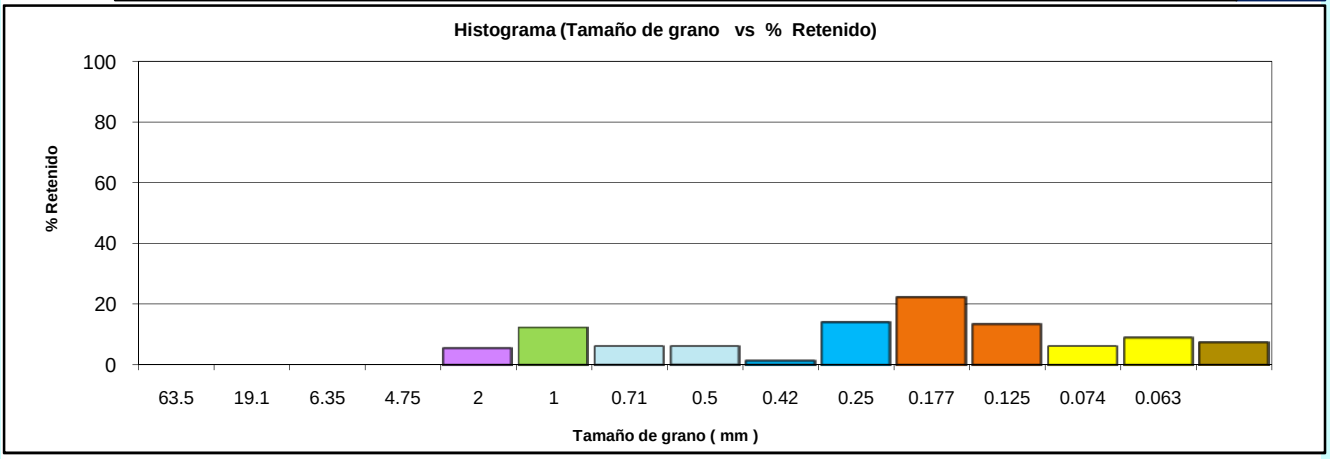
$\Phi_{84}$ 3.71

$\Phi_{16}$ -0.11

$M_\Phi$ 1.91

$\sigma_\Phi$ 1.91

$A_\Phi$ -0.12




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