



GEO ESTUDIOS
SERVICIOS Y CONSULTORIA GEOTÉCNICA

LABORATORIO DE MATERIALES SERVICIO Y CONSULTORIA

DISTRIBUCIÓN DEL TAMAÑO DE PARTÍCULAS (ANÁLISIS HIDROMÉTRICO)

| | | | |
|----------------|-----------------|-----------------|-------|
| Obra: | Canal de acceso | Profundidad: | |
| Localización: | | Perforación N°: | ES-14 |
| Requerido por: | Consulsua | Muestra N°: | 4 |

| | |
|------------------|--------|
| Hidrómetro tipo: | 152 H |
| Peso seco: | 100 gr |
| Gs: | 2.77 |

| Tiempo (min) | Lectura de hidrómetro (g/l) | Temperatura (°C) | α | Pasante (%) | K | Le (cm) | D (mm) |
|--------------|-----------------------------|------------------|-----------|-------------|-----------|---------|----------|
| 1 | 60 | 24 | 0.9760726 | 58.56 | 0.0125858 | 6.464 | 0.031999 |
| 2 | 59 | 24 | 0.9760726 | 57.59 | 0.0125858 | 6.6279 | 0.022912 |
| 4 | 56 | 24 | 0.9760726 | 54.66 | 0.0125858 | 7.1196 | 0.016791 |
| 8 | 53 | 24 | 0.9760726 | 51.73 | 0.0125858 | 7.6113 | 0.012276 |
| 15 | 51 | 24 | 0.9760726 | 49.78 | 0.0125858 | 7.9391 | 0.009156 |
| 30 | 49 | 24 | 0.9760726 | 47.83 | 0.0125858 | 8.2669 | 0.006607 |
| 60 | 46 | 24 | 0.9760726 | 44.90 | 0.0125858 | 8.7586 | 0.004809 |
| 90 | 44 | 24 | 0.9760726 | 42.95 | 0.0125858 | 9.0864 | 0.003999 |
| 250 | 41 | 24 | 0.9760726 | 40.02 | 0.0125858 | 9.5781 | 0.002463 |
| 480 | 38 | 24 | 0.9760726 | 37.09 | 0.0125858 | 10.0698 | 0.001823 |
| 1440 | 35 | 24 | 0.9760726 | 34.16 | 0.0125858 | 10.5615 | 0.001078 |
| 2880 | 34 | 24 | 0.9760726 | 33.19 | 0.0125858 | 10.7254 | 0.000768 |

