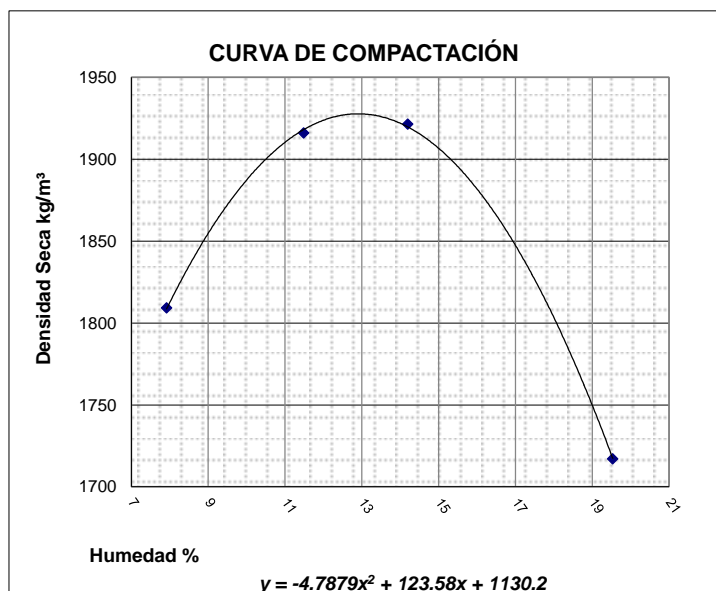


| ENSAYO DE COMPACTACIÓN PROCTOR MODIFICADO   |            |        |        |                        |        |                            |              |                              |       |       |       |       |        |       |       |
|---|------------|--------|--------|------------------------|--------|----------------------------|--------------|------------------------------|-------|-------|-------|-------|--------|-------|-------|
| PROYECTO: Estadio Alejandro Serrano Aguilar |            |        |        | POZO: PCA01 Muestra 01 |        |                            |              | DESCRIPCIÓN: Arcilla y Grava |       |       |       |       |        |       |       |
|   |            |        |        |                        |        |                            |              | PROFUNDIDAD: 6,00m           |       |       |       |       |        |       |       |
| DATOS DEL MOLDE                             |            |        |        |                        |        | CARACTERÍSTICAS DEL ENSAYO |              |                              |       |       |       |       |        |       |       |
| Ensayo:                                     |            |        | Tipo A |                        |        | Peso Molde:                | P Mol.(gr)=  |                              |       | 6700  |       |       |        |       |       |
| Molde:                                      | #=         |        |        | 1                      |        | Peso Martillo:             | P Mart.(gr)= |                              |       | 4535  |       |       |        |       |       |
| Diámetro:                                   | φ=         |        |        | 15.3                   | cm     | Altura de Caída:           | Hc(cm)=      |                              |       | 45.72 |       |       |        |       |       |
| Longitud:                                   | L=         |        |        | 11.7                   | cm     | # de Capas:                | #=           |                              |       | 5     |       |       |        |       |       |
| Area:                                       | A=         |        |        | 183.85                 | cm²    | Golpes por Capa:           | gps/cap      |                              |       | 56    |       |       |        |       |       |
| Volumen:                                    | V=(A . L)= |        |        | 2151.09                | cm³    | Material Pasante:          | #=           |                              |       | 4     |       |       |        |       |       |
| EJECUCIÓN DEL ENSAYO                        |            |        |        |                        |        |                            |              |                              |       |       |       |       |        |       |       |
| DATOS PARA LA CURVA:                        |            |        |        |                        |        |                            |              |                              |       |       |       |       |        |       |       |
| MUESTRA #:                                  | 1          |        |        | 2                      |        |                            | 3            |                              |       | 4     |       |       | 5      |       |       |
| W. MOL.+SUE. HUM. (gr)                      | 10900      |        |        | 11295                  |        |                            | 11420        |                              |       | 11220 |       |       | 11115  |       |       |
| W. SUELO HUM. (gr)                          | 4200       |        |        | 4595                   |        |                            | 4720         |                              |       | 4520  |       |       | 4415   |       |       |
| HUMEDAD PROM. (%)                           | 7.92       |        |        | 11.49                  |        |                            | 14.20        |                              |       | 16.18 |       |       | 19.53  |       |       |
| DENS. HUMEDA (Kg/m³)                        | 1952       |        |        | 2136                   |        |                            | 2194         |                              |       | 2101  |       |       | 2052   |       |       |
| DENS. SECA (Kg/m³)                          | 1809       |        |        | 1916                   |        |                            | 1921         |                              |       |       |       |       | 1717   |       |       |
| CONTENIDOS DE HUMEDAD:                      |            |        |        |                        |        |                            |              |                              |       |       |       |       |        |       |       |
| MUESTRA #:                                  | 1          |        |        | 2                      |        |                            | 3            |                              |       | 4     |       |       | 5      |       |       |
| CAPSULA #:                                  | 157        | 183    | 107    | 199                    | 110    | 97                         | 121          | 186                          | 188   | 202   | 184   | 128   | 120    | 109   | 194   |
| CAP. + SUELO HUM. (gr)                      | 126.08     | 126.76 | 123.08 | 103.28                 | 106.23 | 111.21                     | 85.42        | 108.81                       | 95.09 | 88.64 | 75.25 | 79.5  | 103.15 | 89.21 | 94.8  |
| CAP. + SUELO SECO. (gr)                     | 117.99     | 118.66 | 115.08 | 94.28                  | 96.85  | 101.47                     | 76.66        | 97.36                        | 85.26 | 78.6  | 66.8  | 70.52 | 89.09  | 76.98 | 81.93 |
| PESO DE CAP. (gr)                           | 16.25      | 15.68  | 14.31  | 15.59                  | 15.01  | 17.2                       | 15.44        | 16.25                        | 15.85 | 16.81 | 15.09 | 14.26 | 16.99  | 14.45 | 16.08 |
| PESO DE AGUA (gr)                           | 8.09       | 8.1    | 8      | 9                      | 9.38   | 9.74                       | 8.76         | 11.45                        | 9.83  | 10.04 | 8.45  | 8.98  | 14.06  | 12.23 | 12.87 |
| PESO SUELO SECO (gr)                        | 101.74     | 102.98 | 100.77 | 78.69                  | 81.84  | 84.27                      | 61.22        | 81.11                        | 69.41 | 61.79 | 51.71 | 56.26 | 72.1   | 62.53 | 65.85 |
| CONTEN. DE HUM. (%)                         | 7.95       | 7.87   | 7.94   | 11.44                  | 11.46  | 11.56                      | 14.31        | 14.12                        | 14.16 | 16.25 | 16.34 | 15.96 | 19.50  | 19.56 | 19.54 |
| HUMEDAD PROM. (%)                           | 7.92       |        |        | 11.49                  |        |                            | 14.20        |                              |       | 16.18 |       |       | 19.53  |       |       |



**RESULTADOS**

Densidad seca máxima  
Humedad Óptima

1928 Kg/m³  
12.91 %

*P. Williams*

RESPONSABLE