



**PARA:** *PREFECTURA DEL GUAYAS*  
**PROYECTO:** *REHABILITACION DE LA VIA CONEXIÓN E30 - PEDRO VELEZ - CARLOS JULIO AROSEMENA*

**C#34 - MUESTRA # 2**

**DESCRIPCIÓN DE MUESTRA:** *Arcilla limo-arenosa café rojiza*  
**ESPECIFICACIONES:** *humedad natural: 52.04%*

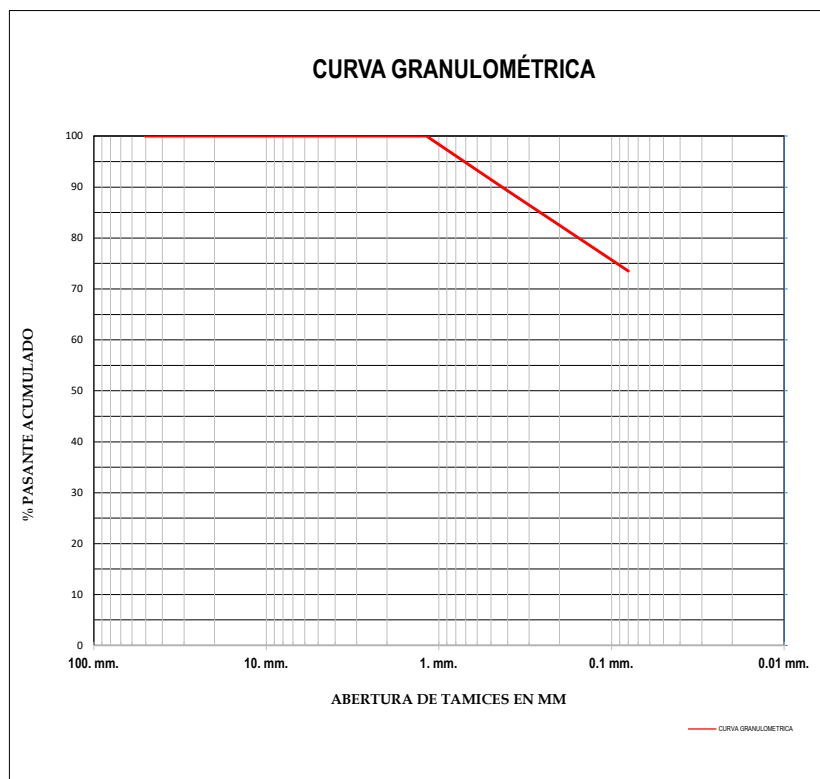
**LÍMITES DE ATTERBERG**  
**NORMA: ASTM D4318**

|                       |     |                         |     |
|-----------------------|-----|-------------------------|-----|
| <i>Límite Líquido</i> | 25% | <b>ESPECIFICACIONES</b> | --- |
| <i>Ind. Plástico</i>  | 6%  |                         | --- |

**ENSAYO GRANULOMÉTRICO**  
**NORMA : ASTM D422**

| <i>TAMIZ</i> | <i>PESO.</i> | <i>RETENIDO</i> | <i>PASANTE</i> | <i>ESPECIF.</i>         |
|--------------|--------------|-----------------|----------------|-------------------------|
| <i>#</i>     | <i>Grms</i>  | <i>%</i>        | <i>%</i>       | <i>AASHTO M-147 / B</i> |
| 4 "          |              |                 | 100.00         |                         |
| 3 "          |              | 0.00            | 100.00         |                         |
| 2 1/2 "      |              | 0.00            | 100.00         |                         |
| 2 "          |              | 0.00            | 100.00         |                         |
| 1 1/2 "      |              | 0.00            | 100.00         |                         |
| 1 "          |              | 0.00            | 100.00         |                         |
| 3/4 "        |              | 0.00            | 100.00         |                         |
| 1/2 "        |              | 0.00            | 100.00         |                         |
| 3/8 "        |              | 0.00            | 100.00         |                         |
| 1/4 "        |              | 0.00            | 100.00         |                         |
| No. 4        |              | 0.00            | 100.00         |                         |
| No. 8        |              | 0.00            | 100.00         |                         |
| No. 10       |              | 0.00            | 100.00         |                         |
| No. 16       |              | 0.00            | 100.00         |                         |
| No. 20       |              | 0.00            | 100.00         |                         |
| No. 30       |              | 0.00            | 100.00         |                         |
| No. 40       | 7.40         | 10.05           | 89.95          |                         |
| No. 50       |              | 0.00            | 89.95          |                         |
| No. 60       |              | 0.00            | 89.95          |                         |
| No. 80       |              | 0.00            | 89.95          |                         |
| No. 100      |              | 0.00            | 89.95          |                         |
| No. 200      | 12.10        | 16.44           | 73.51          |                         |
| Fondo        | 54.12        | 73.51           |                |                         |

|               |         |
|---------------|---------|
| <b>GRAVA</b>  | 0.00 %  |
| <b>ARENA</b>  | 26.49 % |
| <b>S.FINO</b> | 73.51 % |



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*Jose Antonio Cordova P.*  
*Gerente General*