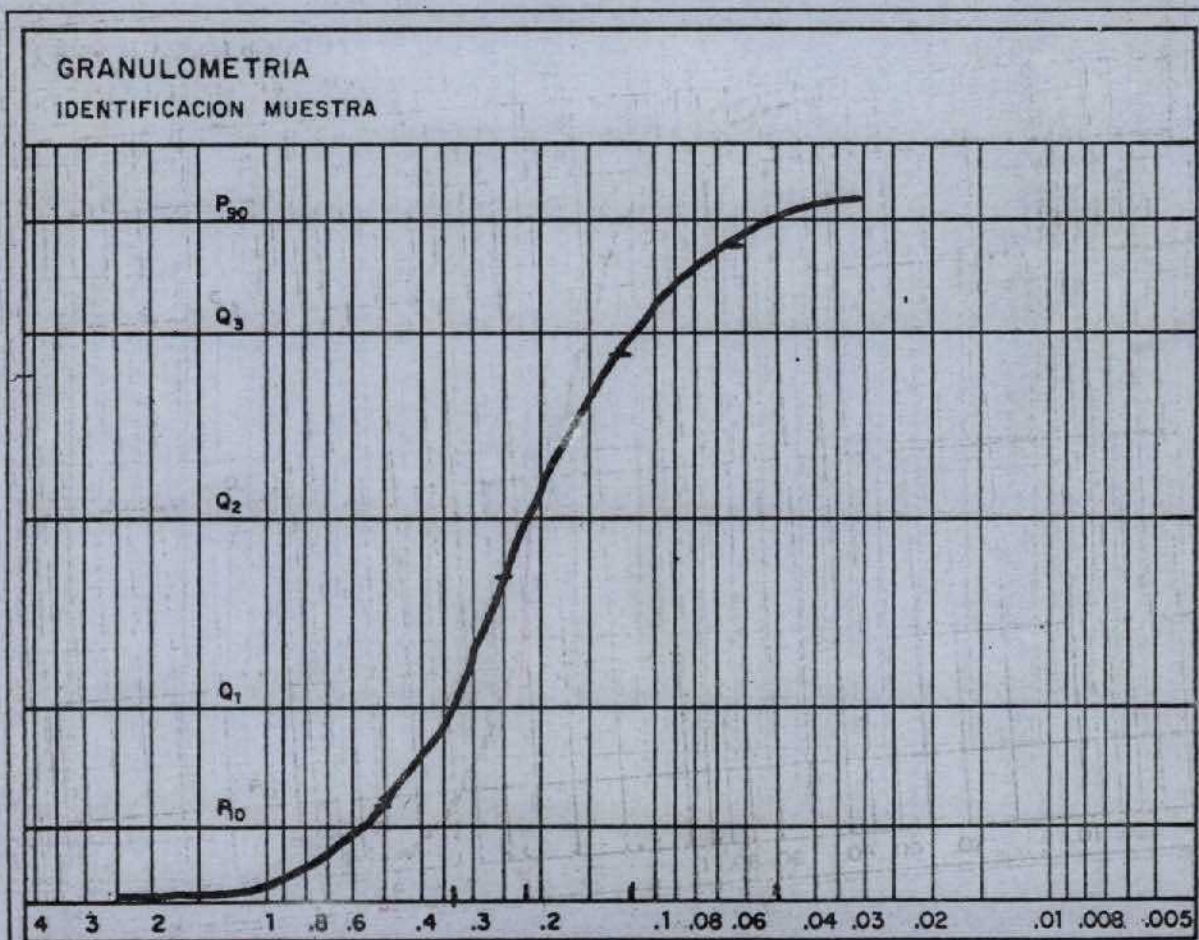


| Tamiz      | Ø mm. | gr. | % gr. | Σ % gr. |
|------------|-------|-----|-------|---------|
| 4          |       |     |       |         |
| 20         |       |     | 0,69  | 0,69    |
| 1          |       |     | 1,22  | 1,91    |
| 0,5        |       |     | 10,56 | 12,47   |
| 0,25       |       |     | 28,82 | 41,29   |
| 0,125      |       |     | 30,00 | 71,29   |
| 0,063      |       |     | 14,97 | 86,26   |
| R          |       |     | 13,51 | 99,77   |
| TOTALES... |       |     |       |         |

| IDENTIFICACION MUESTRA           |                                     |
|----------------------------------|-------------------------------------|
| 218-216-EP-LA-118                |                                     |
| P <sub>10</sub>                  | Localidad                           |
| P <sub>90</sub> 0,05 mm          |                                     |
| Q <sub>1</sub>                   | Coordenadas                         |
| Q <sub>2</sub>                   | Formación                           |
| Q <sub>3</sub>                   | Litología                           |
| Md 0,212 mm                      |                                     |
| So                               | Tratamiento de la muestra           |
| Sk                               |                                     |
| Ig Sk                            | Op - Fluvial - Löss - Play. marina. |
| dm                               | Ne - " "                            |
| d <sub>m</sub>                   |                                     |
| Qd <sub>p</sub> 0,7 φ            |                                     |
| g = Ig G                         |                                     |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %                |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)                       |
| Hé 0,56 φ                        | Total                               |
| 1% 1,54 mm                       | Util                                |
|                                  | Permeabilidad:                      |
| grava 0,69 %                     | 1                                   |
| arena 85,57 %                    | 11                                  |
| Limo                             | Contenido en carbonatos %           |
| arcillo 13,51 %                  | Calcita %                           |
|                                  | Dolomita %                          |



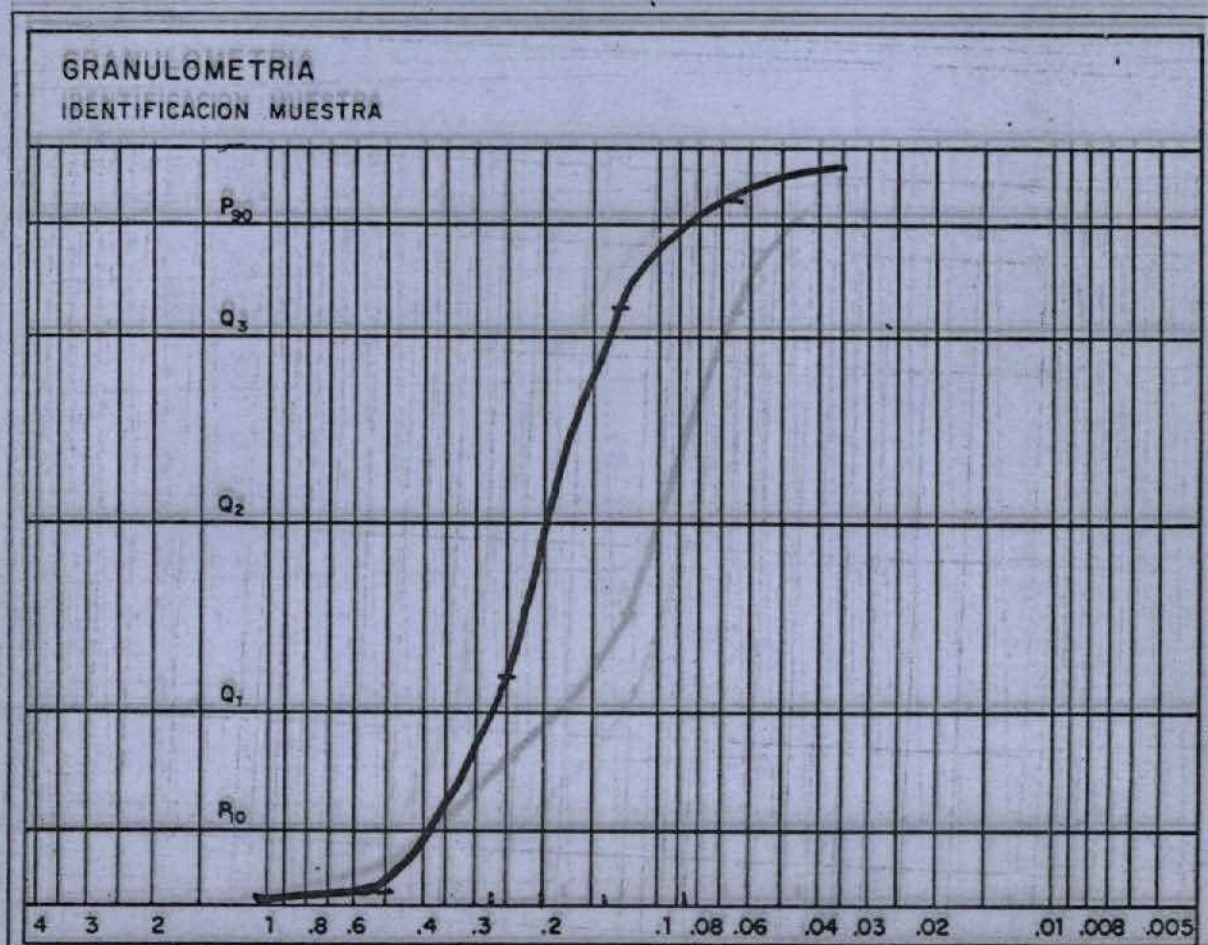
| Tomiz      | Ø<br>mm. | gr. | %<br>gr. | ± %<br>gr. |
|------------|----------|-----|----------|------------|
| 4          |          |     |          |            |
| 2/         |          |     |          |            |
| 1          |          |     | 0,08     | 0,08       |
| 0,5        |          |     | 1,94     | 2,02       |
| 0,25       |          |     | 28,73    | 30,75      |
| 0,125      |          |     | 49,26    | 50,01      |
| 0,062      |          |     | 12,93    | 12,94      |
| R          |          |     | 7,12     | 100,06     |
| TOTALES... |          |     |          |            |

IDENTIFICACION MUESTRA  
**28-26-EP-LA-119**

P<sub>10</sub> .....  
P<sub>90</sub> **0,084 mm**  
Q<sub>1</sub> .....  
Q<sub>2</sub> .....  
Q<sub>3</sub> .....  
M<sub>d</sub> **0,2 mm**  
S<sub>0</sub> .....  
S<sub>k</sub> .....  
lg S<sub>k</sub> .....  
d<sub>m</sub> .....  
d<sub>M</sub> .....  
Q<sub>d</sub> **0,48 φ**  
g = lg G .....  
P<sub>10</sub>/P<sub>90</sub> .....  
Q<sub>2</sub>/Q<sub>1</sub> .....  
Hé **0,4 φ**  
1% **0,7 mm**

grava **5** %  
arena **93,94** %  
Limo **1** %  
arcilla **7,12** %

Localidad .....  
Coordenadas .....  
Formación .....  
Litología .....  
Tratamiento de la muestra .....  
**Ep - Playa. mar. Fluvial - Duna**  
**Ar - Play. mar.**  
Humedad (10 5° C.) % .....  
Porosidad (%)  
Total .....  
Util .....  
Permeabilidad: .....  
Contenido en carbonatos % .....  
Calcita % .....  
Dolomita % .....

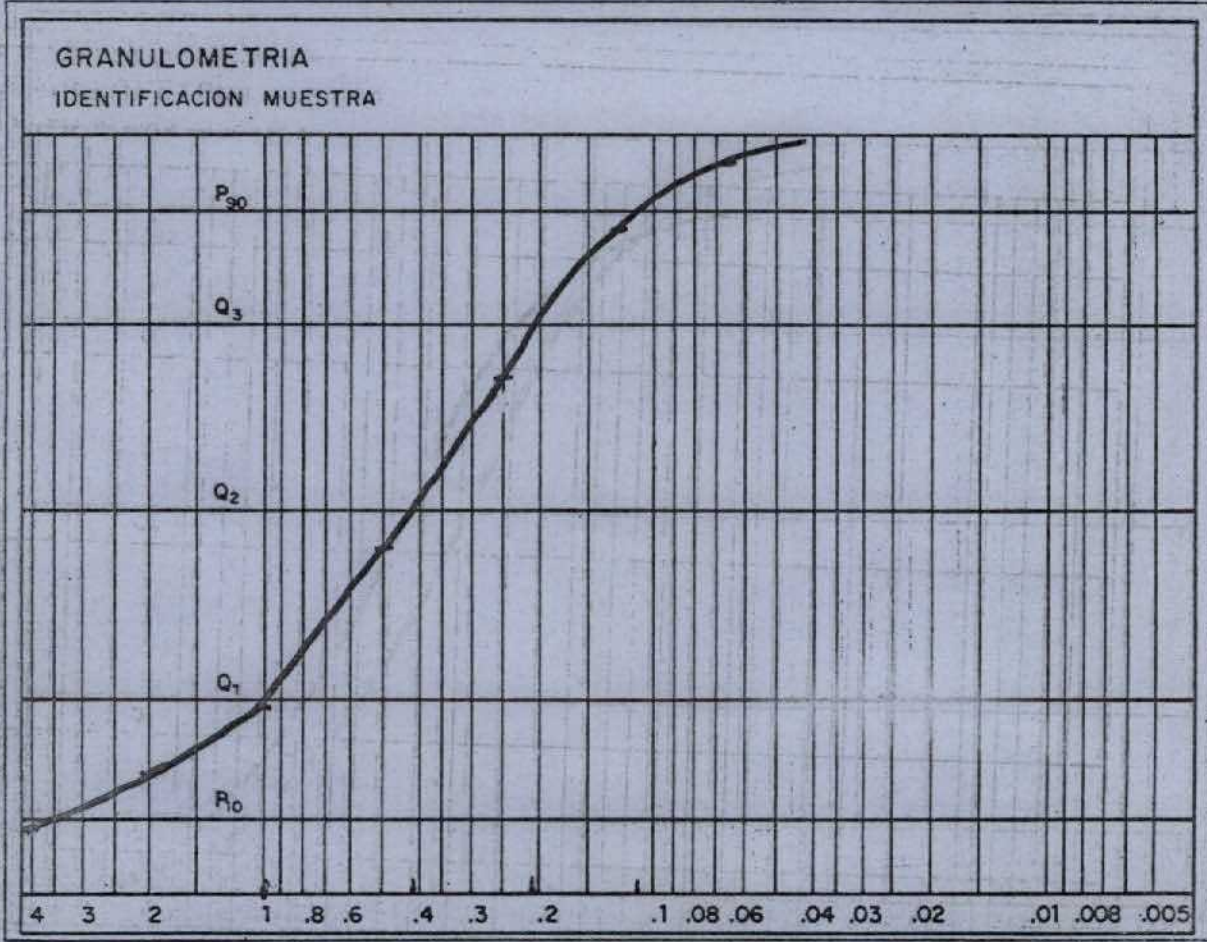


GRANULOMETRIA

IDENTIFICACION MUESTRA

The graph displays a granulometric curve on a semi-logarithmic scale. The vertical axis represents cumulative percentage passing, with major grid lines at 0, 20, 40, 60, 80, and 100. The horizontal axis represents sieve size in millimeters, with values 4, 3, 2, 1, .8, .6, .4, .3, .2, .1, .08, .06, .04, .03, .02, .01, .008, and .005. The curve is an S-shape, indicating a well-sorted material. Key points labeled on the curve include  $P_{90}$  at approximately 90% passing for sieve size 0.075 mm,  $Q_3$  at approximately 75% passing for sieve size 0.25 mm,  $Q_2$  at approximately 50% passing for sieve size 0.425 mm,  $Q_1$  at approximately 25% passing for sieve size 0.75 mm, and  $P_0$  at 0% passing for sieve size 4.75 mm.

| Sieve Size (mm) | Cumulative % Passing |
|-----------------|----------------------|
| 4.75            | 0                    |
| 4.0             | ~2                   |
| 3.0             | ~5                   |
| 2.0             | ~10                  |
| 1.5             | ~15                  |
| 1.18            | ~20                  |
| 0.85            | ~30                  |
| 0.75            | ~25                  |
| 0.6             | ~40                  |
| 0.425           | ~50                  |
| 0.3             | ~65                  |
| 0.25            | ~75                  |
| 0.15            | ~90                  |
| 0.075           | ~95                  |
| 0.075           | 100                  |



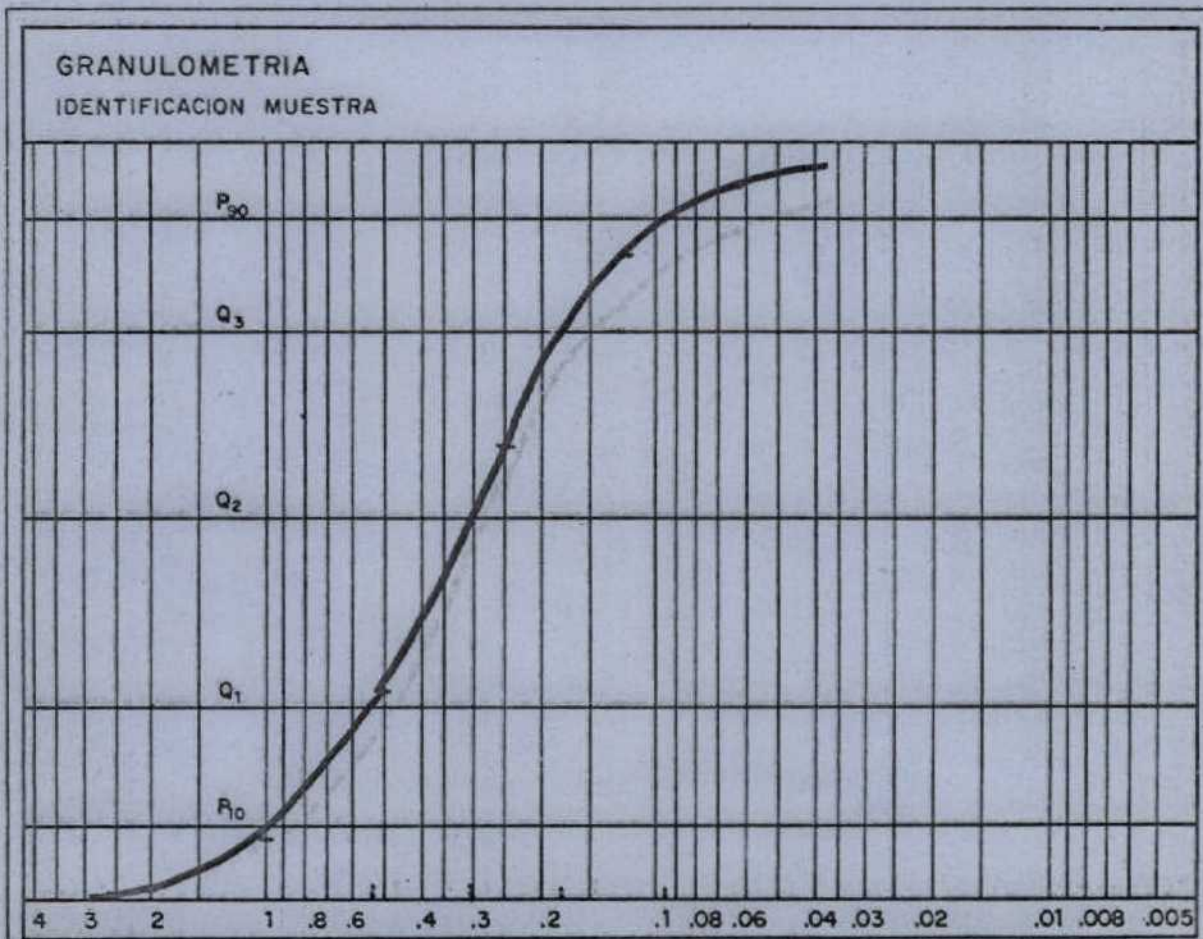
| Tomiz | Ø mm. | gr. | % gr. | Σ % gr. |
|-------|-------|-----|-------|---------|
| 4     |       |     |       |         |
| 2     |       |     | 2'32  | 2'32    |
| 1     |       |     | 6'67  | 8'99    |
| 0'5   |       |     | 18'05 | 27'04   |
| 0'25  |       |     | 54'58 | 81'62   |
| 0'125 |       |     | 24'79 | 106'41  |
| 0'062 |       |     | 8'03  | 114'44  |
| R     |       |     | 5'45  | 120'89  |

| IDENTIFICACION MUESTRA           |                                       |
|----------------------------------|---------------------------------------|
| 28-26-EP-LA-261181               |                                       |
| P <sub>10</sub>                  | Localidad                             |
| P <sub>90</sub> 0.0924 m         | Coordenadas                           |
| Q <sub>1</sub>                   | Formación                             |
| Q <sub>2</sub>                   | Litología                             |
| Q <sub>3</sub>                   | Tratamiento de la muestra             |
| Md 0.3 mm                        | Ap. - Fluvial - abess - Play. maris - |
| S <sub>0</sub>                   | He - Fluvial - Loess                  |
| Sk                               |                                       |
| Ig Sk                            |                                       |
| dm                               |                                       |
| d <sub>M</sub>                   |                                       |
| Qd <sub>90</sub> 0.80            |                                       |
| g = Ig G                         |                                       |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %                  |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)                         |
| Hé 0.74                          | Total                                 |
| 1°/o                             | Util                                  |
|                                  | Permeabilidad:                        |
| grava 2.32 %                     | 1                                     |
| arena 74.40 %                    | 11                                    |
| Limo                             | Contenido en carbonatos %             |
| arcilla 5.45 %                   | Calcita %                             |
|                                  | Dolomita %                            |

| TOTALES... |  |  |  |  |
|------------|--|--|--|--|
|            |  |  |  |  |



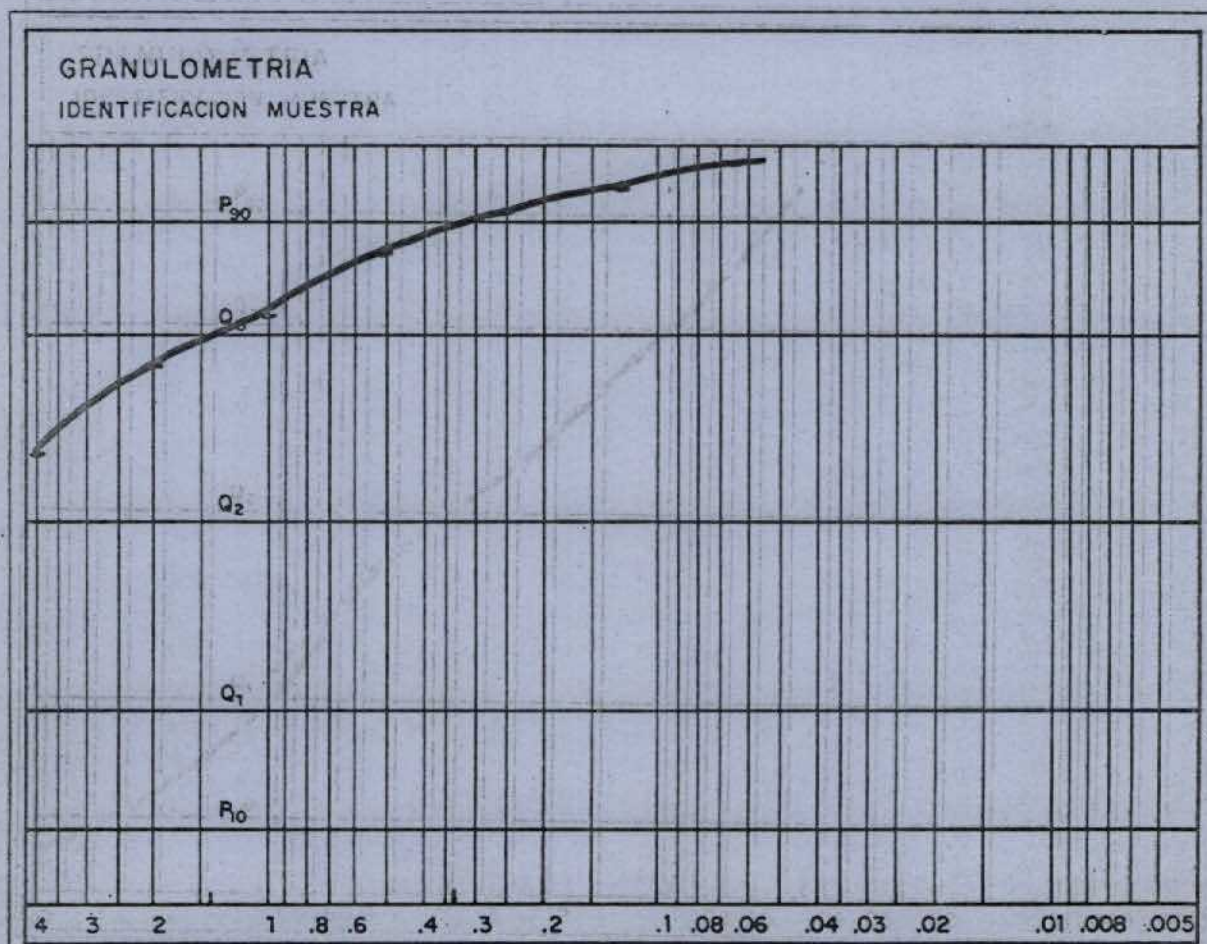


| Tamiz       | Ø<br>mm. | gr.   | %<br>gr. | Σ %<br>gr. |
|-------------|----------|-------|----------|------------|
| 4           |          | 60    | 60       |            |
| 20          |          | 11,01 | 71,01    |            |
| 1           |          | 6,50  | 77,51    |            |
| 0,5         |          | 9,20  | 86,71    |            |
| 0,25        |          | 4,43  | 91,14    |            |
| 0,125       |          | 3,74  | 94,88    |            |
| 0,062       |          | 2,91  | 97,79    |            |
| 0           |          | 2,14  | 99,93    |            |
| TOTALES.... |          |       |          |            |

IDENTIFICACION MUESTRA  
**28-26-EP-LA - 204**

P<sub>10</sub> .....  
P<sub>90</sub> **0.34mm**  
Q<sub>1</sub> .....  
Q<sub>2</sub> .....  
Q<sub>3</sub> .....  
M .....  
S<sub>0</sub> .....  
Sk .....  
lg Sk .....  
dm .....  
d<sub>M</sub> .....  
Qd .....  
g = lg G .....  
P<sub>10</sub>/P<sub>90</sub> .....  
Q<sub>2</sub>/Q<sub>1</sub> .....  
Hé .....  
grava **71,01** %  
arena **26,78** %  
Limo **2,14** %  
arcillo **2,14** %

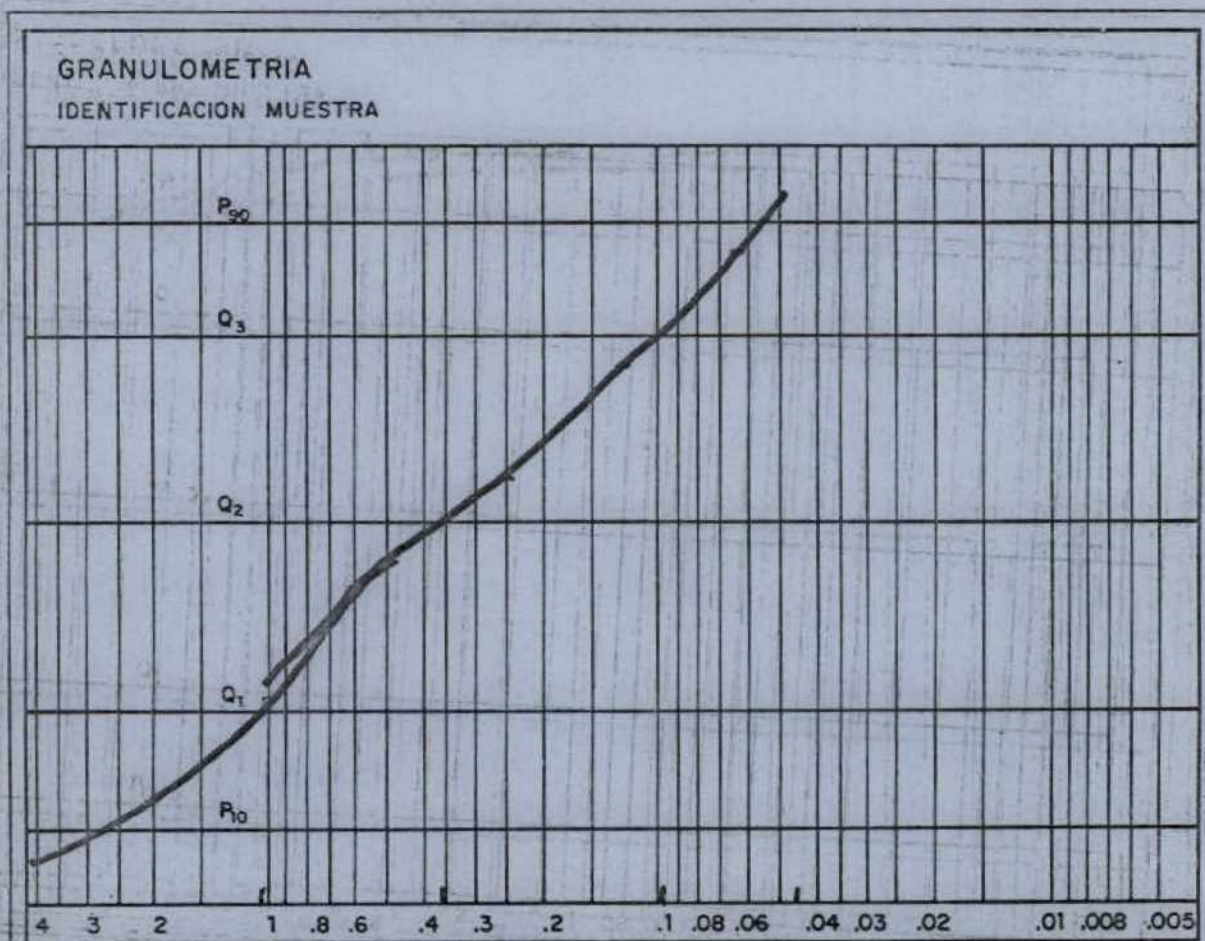
Localidad .....  
Coordenadas .....  
Formación .....  
Litología .....  
Tratamiento de la muestra .....  
Humedad (10 5° C.) ..... %  
Porosidad (%) .....  
Total .....  
Util .....  
Permeabilidad: .....  
Contenido en carbonatos ..... %  
Calcita ..... %  
Dolomita ..... %



| Tomiz      | Ø mm. | gr. | % gr. | ± % gr. |
|------------|-------|-----|-------|---------|
|            | 4     |     | 6'94  | 6'94    |
|            | 2     |     | 6'47  | 13'41   |
|            | 1     |     | 13'76 | 27'17   |
|            | 0'5   |     | 15'17 | 42'34   |
|            | 0'25  |     | 13'82 | 56'16   |
|            | 0'125 |     | 13'22 | 69'38   |
|            | 0'062 |     | 13'44 | 82'82   |
|            | 0     |     | 17'59 | 100'41  |
| TOTALES... |       |     |       |         |

| IDENTIFICACION MUESTRA           |                                        |
|----------------------------------|----------------------------------------|
| 28-26-EP-LA-207                  |                                        |
| P <sub>10</sub>                  | Localidad                              |
| P <sub>90</sub> 0,046 mm         | Coordenadas                            |
| Q <sub>1</sub>                   | Formación                              |
| Q <sub>2</sub>                   | Litología                              |
| Q <sub>3</sub>                   | Tratamiento de la muestra              |
| Md 0,35 mm                       | Ap - Fluvial - Suizo - (Horno glassal) |
| S <sub>0</sub>                   | He - Fluvial                           |
| Sk                               |                                        |
| Ig Sk                            |                                        |
| dm                               |                                        |
| d <sub>m</sub>                   |                                        |
| Qd <sub>p</sub> 1,64 p           |                                        |
| g = Ig G                         |                                        |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %                   |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)                          |
| He 1,5 p                         | Total                                  |
|                                  | Util                                   |
|                                  | Permeabilidad:                         |
| grava 13,41 %                    | 1                                      |
| arena 69,41 %                    | 11                                     |
| Limo                             | Contenido en carbonatos %              |
| arcilla 17,59 %                  | Calcita %                              |
|                                  | Dolomita %                             |





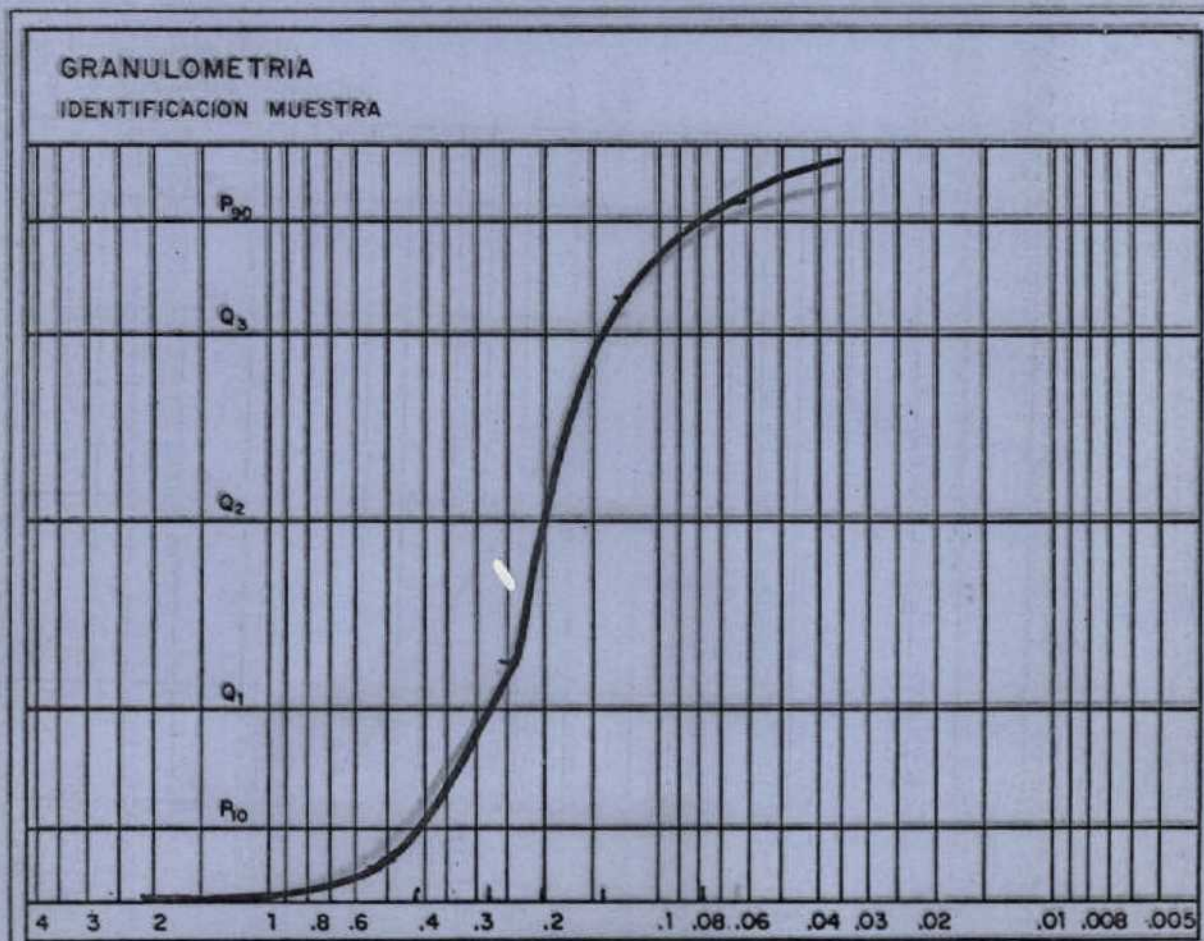
| Tomiz | Ø<br>mm. | gr. | %<br>gr. | ± %<br>gr. |
|-------|----------|-----|----------|------------|
|       | 4        |     |          |            |
|       | 3        |     | 0,25     | 0,25       |
|       | 1        |     | 0,21     | 0,46       |
|       | 0,5      |     | 5,38     | 5,84       |
|       | 0,25     |     | 25,40    | 31,30      |
|       | 0,14     |     | 50,64    | 81,94      |
|       | 0,062    |     | 9,91     | 71,85      |
|       | R        |     | 79,8     | 79,63      |
| TOTAL |          |     |          |            |

### IDENTIFICACION MUESTRA

## 28-26-EP-LA-213

|                                  |             |
|----------------------------------|-------------|
| P <sub>10</sub>                  | Localidad   |
| P <sub>90</sub>                  | Coordenadas |
| Q <sub>1</sub>                   | Formación   |
| Q <sub>2</sub>                   | Litología   |
| Q <sub>3</sub>                   |             |
| M <sub>d</sub>                   |             |
| S <sub>0</sub>                   |             |
| Sk                               |             |
| Ig Sk                            |             |
| dm                               |             |
| d <sub>M</sub>                   |             |
| Qdp                              |             |
| g = Ig G                         |             |
| P <sub>10</sub> /P <sub>90</sub> |             |
| Q <sub>2</sub> /Q <sub>1</sub>   |             |
| Hé                               |             |
| 1/2                              |             |
| grava                            | %           |
| areno                            | %           |
| Limo                             | %           |
| arcillo                          | %           |

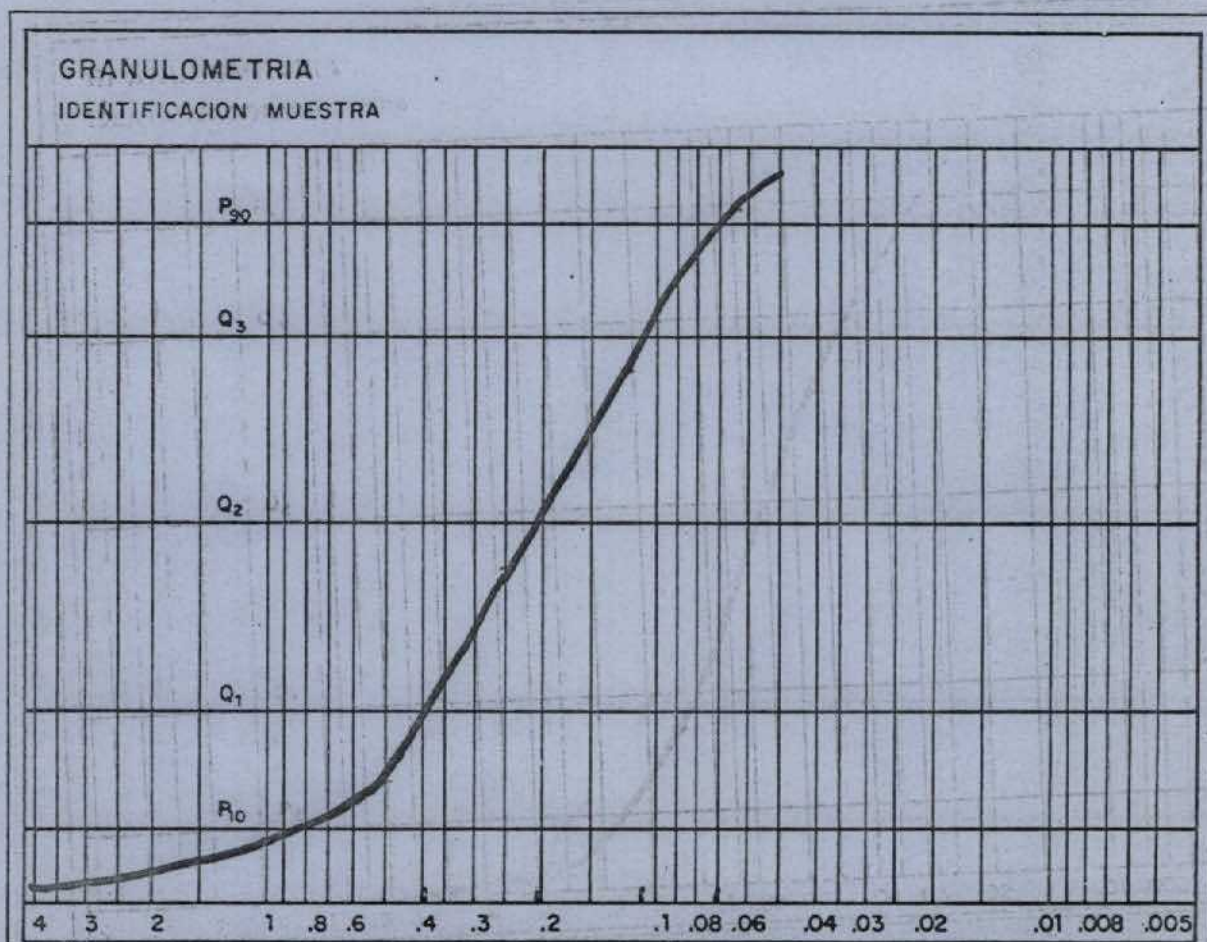
|                           |  |
|---------------------------|--|
| Tratamiento de la muestra |  |
| Qp = Play. mar. fluvial   |  |
| He = Play. mar. fluvial   |  |
| Humedad (10 5°C.) %       |  |
| Porosidad (%)             |  |
| Total                     |  |
| Util                      |  |
| Permeabilidad:            |  |
| I                         |  |
| II                        |  |
| Contenido en carbonatos % |  |
| Calcito %                 |  |
| Dolomito %                |  |



| Tomiz      | Ø mm. | gr. | % gr. | ± % gr. |
|------------|-------|-----|-------|---------|
| L          | 4     |     | 219   | 219     |
|            | 2     |     | 258   | 477     |
|            | 1     |     | 350   | 857     |
|            | 0.5   |     | 713   | 1570    |
|            | 0.25  |     | 2798  | 4358    |
|            | 0.125 |     | 4058  | 8426    |
|            | 0.063 |     | 472   | 9198    |
|            | R     |     | 752   | 9950    |
| TOTALES... |       |     |       |         |

**IDENTIFICACION MUESTRA**  
 28-26 ED-LA-228

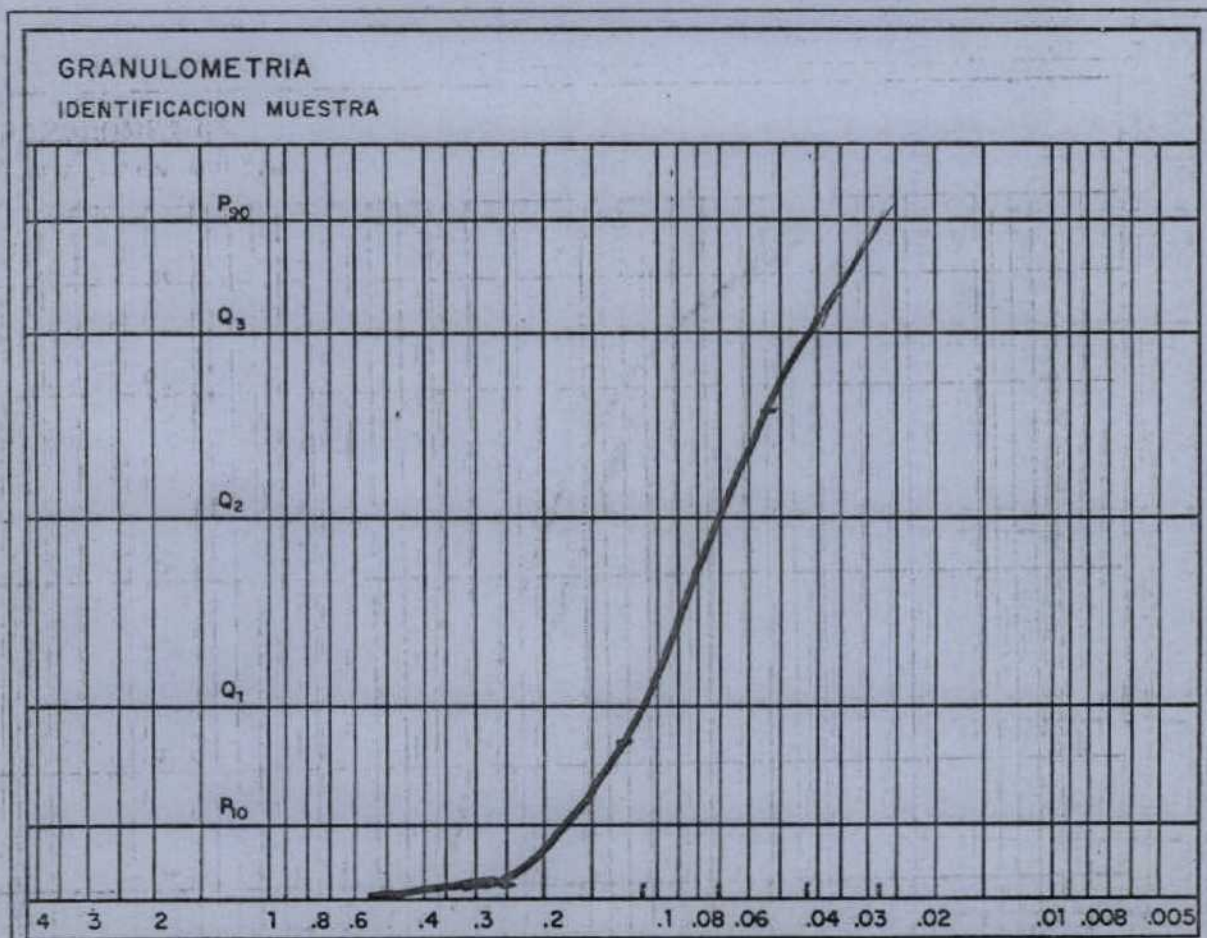
|                                  |                                |
|----------------------------------|--------------------------------|
| P <sub>10</sub>                  | Localidad                      |
| P <sub>90</sub> 0.07 mm          | Coordenadas                    |
| Q <sub>1</sub>                   | Formación                      |
| Q <sub>2</sub>                   | Litología                      |
| Q <sub>3</sub>                   | Tratamiento de la muestra      |
| M <sub>d</sub> 0.25 mm           |                                |
| S <sub>0</sub>                   |                                |
| S <sub>k</sub>                   | Op - Fluvial - Leess - Playas. |
| Ig S <sub>k</sub>                | He - " "                       |
| cm                               |                                |
| d <sub>M</sub>                   |                                |
| Q <sub>dP</sub> 0.98             |                                |
| g = Ig G                         |                                |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10.5° C.) %           |
| Q <sub>2</sub> /Q <sub>1</sub>   | Total Porosidad (%)            |
| Hé 0.85                          | Total                          |
|                                  | Util                           |
|                                  | Permeabilidad:                 |
| grava 4.77 %                     |                                |
| arena 87.21 %                    |                                |
| Limo 7.50 %                      | Contenido en carbonatos %      |
| arcilla                          | Calcita %                      |
|                                  | Dolomita %                     |



| Tomiz   | Ø<br>mm. | gr.   | %<br>gr. | ± %<br>gr. |
|---------|----------|-------|----------|------------|
| 4       |          |       |          |            |
| 2       |          |       |          |            |
| 1       |          |       |          |            |
| 0.5     |          | 0.13  | 0.13     |            |
| 0.25    |          | 2.64  | 2.58     |            |
| 0.125   |          | 19.56 | 22.58    |            |
| 0.0625  |          | 47.27 | 69.67    |            |
| 0.03125 |          | 30.31 | 44.98    |            |
| TOTALES |          |       |          |            |

| IDENTIFICACION MUESTRA           |                             |
|----------------------------------|-----------------------------|
| 28-216-EP-LA-2/33                |                             |
| P <sub>10</sub>                  | Localidad                   |
| P <sub>90</sub> 0.0224m          |                             |
| Q <sub>1</sub>                   | Coordenadas                 |
| Q <sub>2</sub>                   | Formación                   |
| Q <sub>3</sub>                   | Litología                   |
| Md 0.074m                        | Tratamiento de la muestra   |
| S <sub>0</sub>                   |                             |
| Sk                               | Aq - Fluvial - Sess - Raf.  |
| Ig Sk                            | He - " - " - Estuero (Raf.) |
| dm                               | - p. edico -                |
| d <sub>M</sub>                   |                             |
| Qd <sub>p</sub> 0.684            |                             |
| g = Ig G                         |                             |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %        |
| Q <sub>2</sub> /Q <sub>1</sub>   | Parosidad (%)               |
| Hé 0.64                          | Total                       |
| 1% 0.44m                         | Util                        |
|                                  | Permeabilidad:              |
| grava 69.67%                     | 11                          |
| arena 30.31%                     |                             |
| Limo                             | Contenido en carbonatos %   |
| arcilla                          | Calcita %                   |
|                                  | Dolomita %                  |





| Tomiz      | Ø<br>mm. | gr.   | %<br>gr. | ± %<br>gr. |
|------------|----------|-------|----------|------------|
|            | 4        |       |          |            |
|            | 2        | 0'39  | 0'39     |            |
|            | 1        | 1'38  | 1'17     |            |
|            | 0'5      | 2'50  | 4'24     |            |
|            | 0'25     | 13'88 | 18'15    |            |
|            | 0'125    | 51'46 | 70'11    |            |
|            | 0'062    | 17'28 | 84'57    |            |
|            | R        | 12'70 | 100'     |            |
| TOTALES... |          |       |          |            |

**IDENTIFICACION MUESTRA**  
 28-24-EP-LA - 29S

---

P<sub>10</sub> ..... Localidad .....

P<sub>90</sub> ..... 0,054 mm.....

Q<sub>1</sub> ..... Coordenadas .....

Q<sub>2</sub> ..... Formación .....

Q<sub>3</sub> ..... Litología .....

Md ..... 0,18 mm.....

S<sub>0</sub> ..... Tratamiento de la muestra .....

Sk ..... Exp. Playa mar Fluvial.....

Ig Sk ..... He- Playa- (Duna?).....

d<sub>M</sub> .....

Qd<sub>p</sub> ..... 0,45 p.....

g = Ig G .....

P<sub>10</sub>/P<sub>90</sub> .....

Q<sub>2</sub>/Q<sub>1</sub> .....

Hé ..... 0,25 p.....

1% ..... 1'5 mm.....

---

grava ..... 0,39 %.....

arena ..... 87,00 %.....

Limo ..... } 12,70 %.....

arcillo ..... }

---

Humedad (10 5° C.) ..... %

Porosidad (%) .....

Total ..... %

Util ..... %

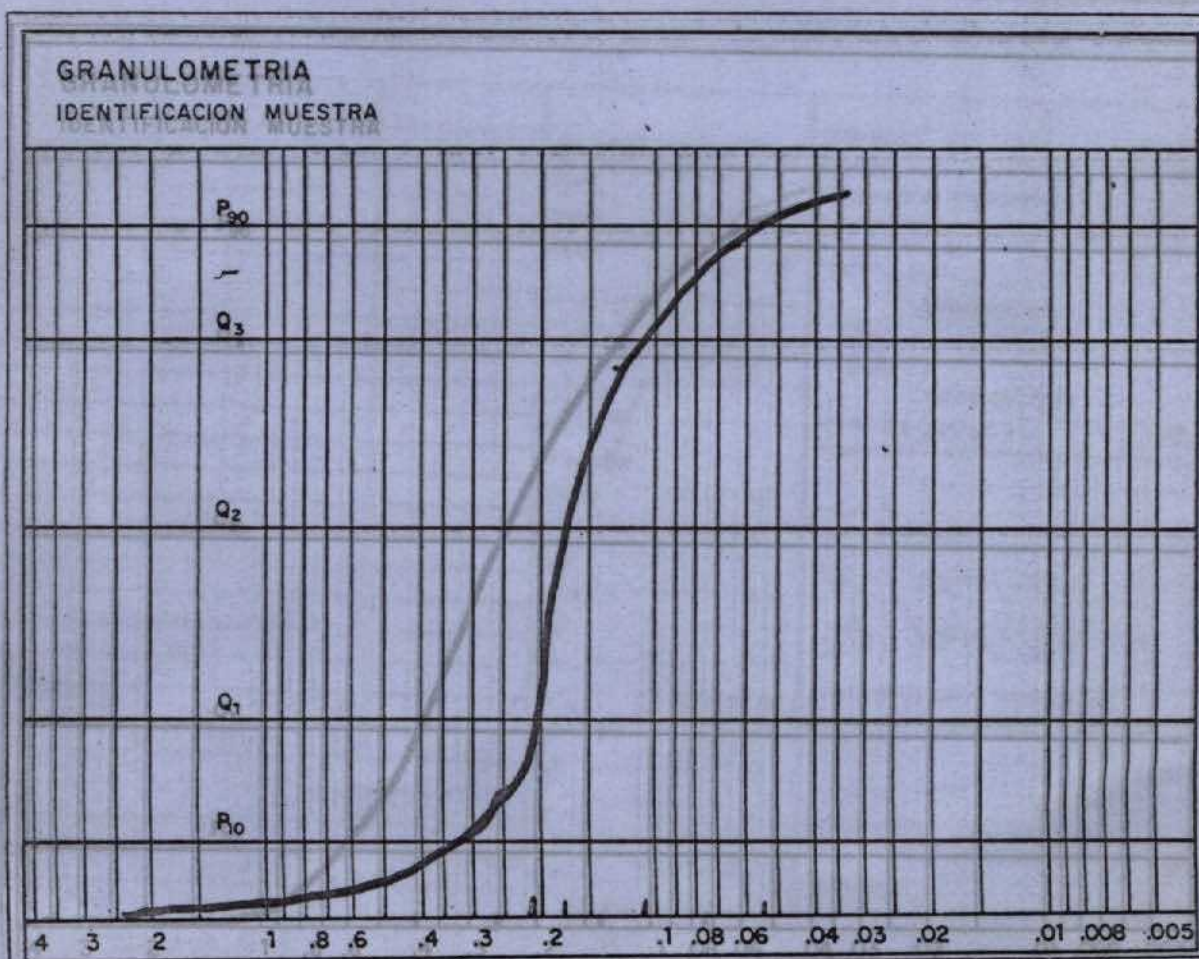
Permeabilidad: .....

---

Contenido en carbonatos ..... %

Calcita ..... %

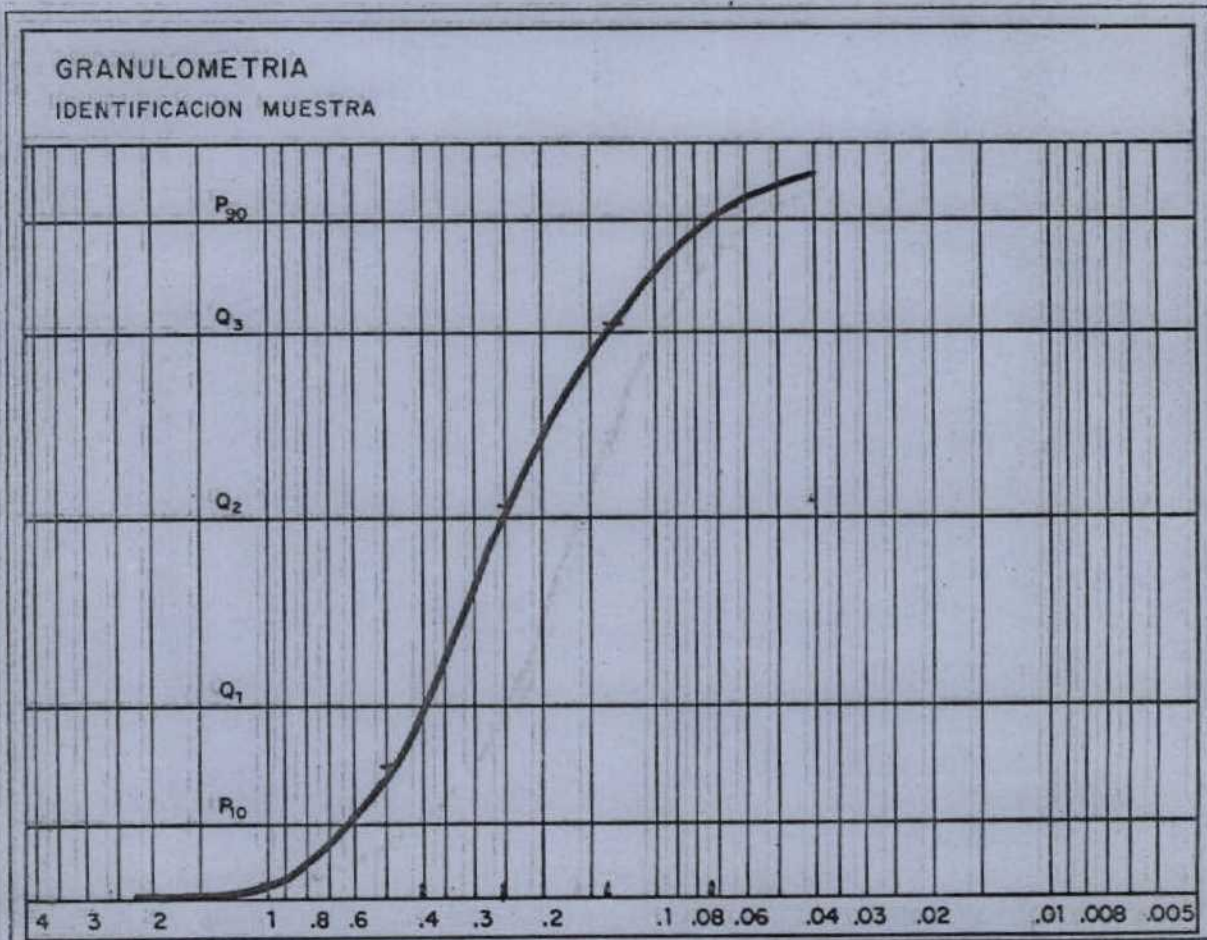
Dolomita ..... %



GRANULOMETRIA  
IDENTIFICACIÓN MUESTRA

The graph displays a granulometric curve for a sample. The vertical axis represents cumulative percentage (P) from 0 to 100, with major grid lines every 10 units and minor grid lines every 2 units. The horizontal axis represents sieve size in millimeters (mm) on a logarithmic scale, with major labels at 4, 3, 2, 1, .8, .6, .4, .3, .2, .1, .08, .06, .04, .03, .02, .01, .008, and .005. The curve is an S-shape, indicating a well-sorted material. Key points are marked on the curve: P<sub>90</sub> at approximately 0.075 mm, Q<sub>3</sub> at approximately 0.15 mm, Q<sub>2</sub> at approximately 0.25 mm, Q<sub>1</sub> at approximately 0.425 mm, and P<sub>10</sub> at approximately 0.85 mm.

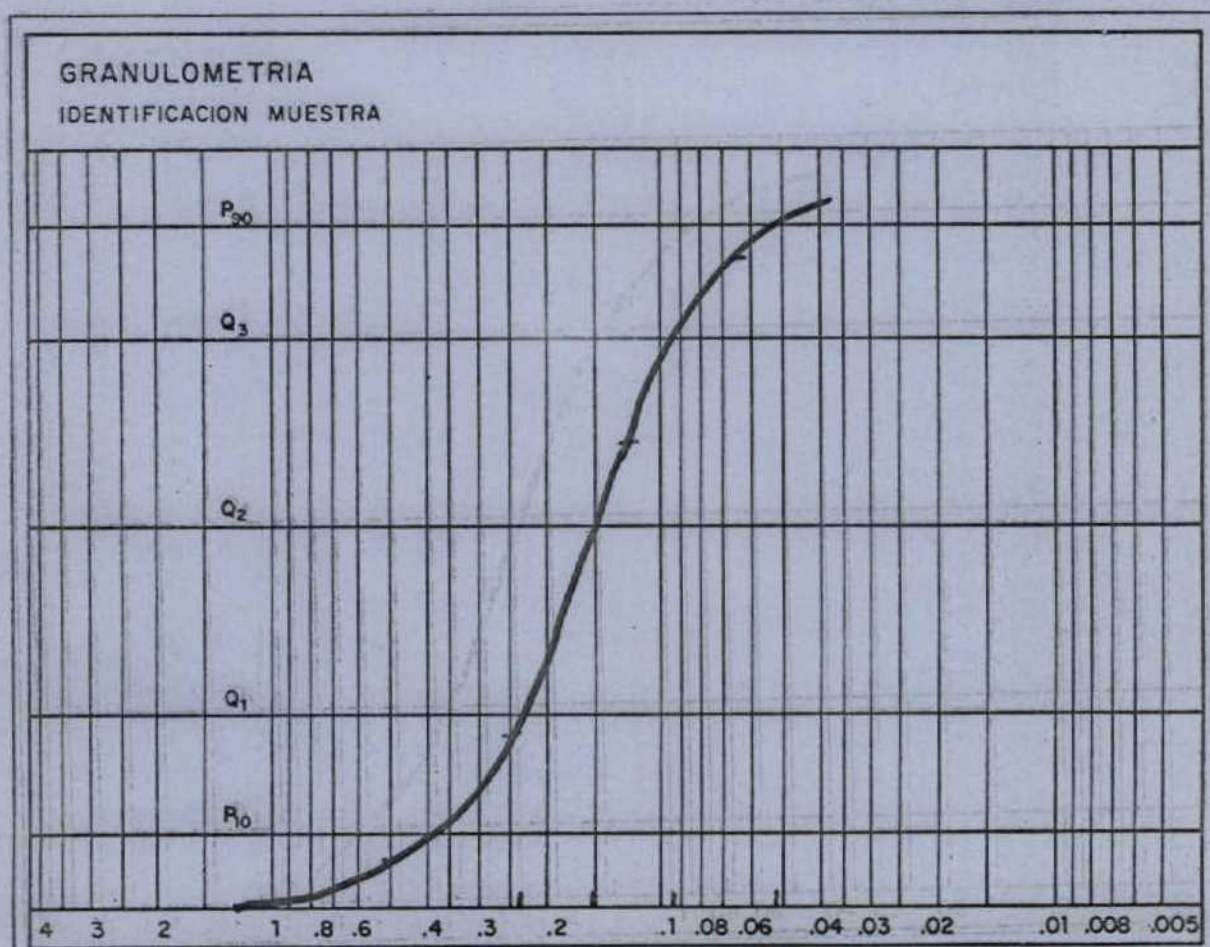
| Point           | Sieve Size (mm) | Cumulative Percentage (%) |
|-----------------|-----------------|---------------------------|
| P <sub>90</sub> | 0.075           | 90                        |
| Q <sub>3</sub>  | 0.15            | 75                        |
| Q <sub>2</sub>  | 0.25            | 50                        |
| Q <sub>1</sub>  | 0.425           | 25                        |
| P <sub>10</sub> | 0.85            | 10                        |



| Tomiz      | Ø mm. | gr. | % gr. | ± % gr. |
|------------|-------|-----|-------|---------|
| 4          |       |     |       |         |
| 2          |       |     |       |         |
| 1          |       |     | 0,27  | 0,27    |
| 0,5        |       |     | 7,12  | 7,39    |
| 0,25       |       |     | 14,88 | 22,27   |
| 0,125      |       |     | 42,31 | 64,64   |
| 0,063      |       |     | 19,87 | 34,51   |
| R.         |       |     | 15,40 | 79,91   |
| TOTALES... |       |     |       |         |

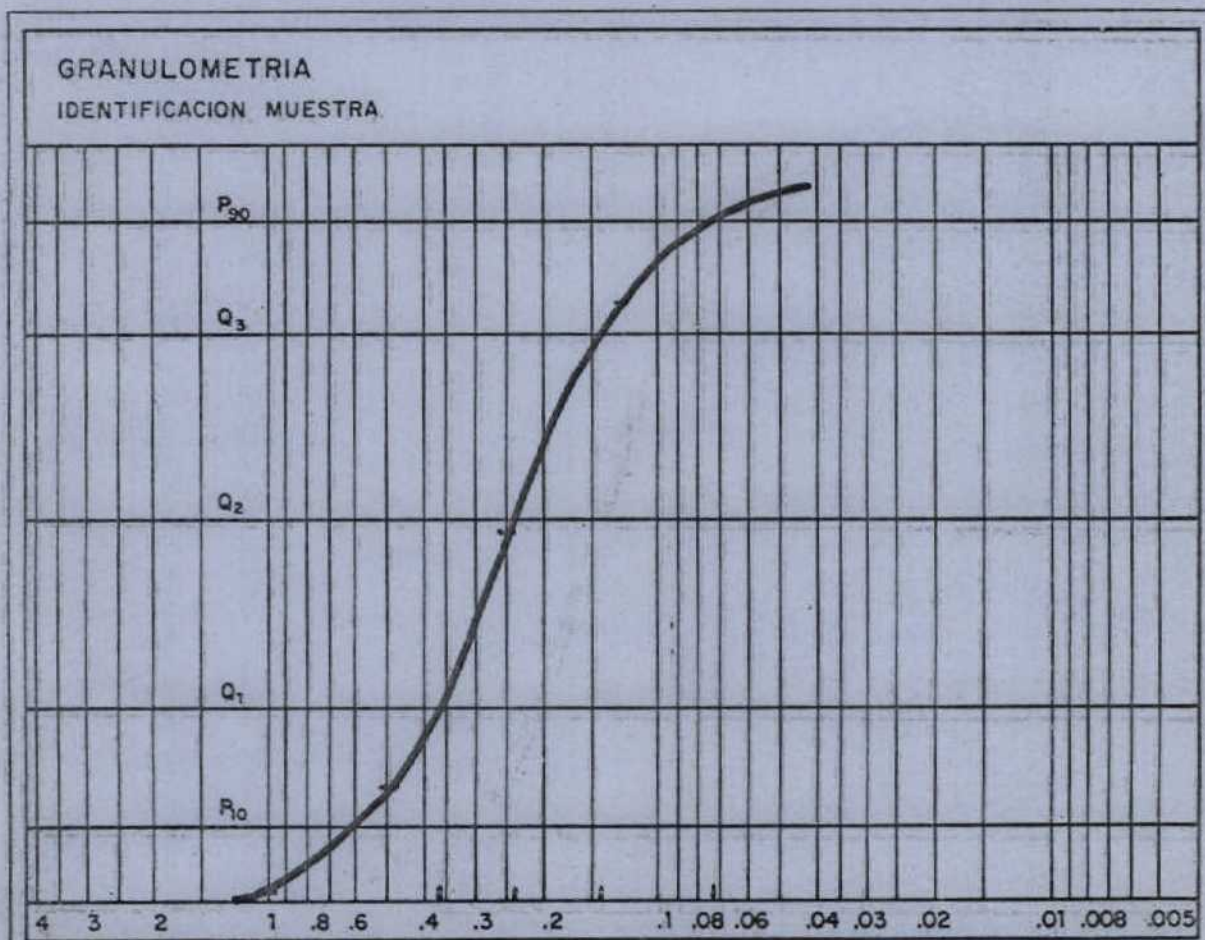
| IDENTIFICACION MUESTRA           |                           |
|----------------------------------|---------------------------|
| 218-26-EP-LA-301                 |                           |
| P <sub>10</sub>                  | Localidad                 |
| P <sub>90</sub> 0,053mm          |                           |
| Q <sub>1</sub>                   | Coordenadas               |
| Q <sub>2</sub>                   | Formación                 |
| Q <sub>3</sub>                   | Litología                 |
| Md 0,15mm                        | Tratamiento de la muestra |
| So                               |                           |
| Sk                               | Off-Plays. - m. n. -      |
| Ig Sk                            | He-Plays. m. n. -         |
| dm                               |                           |
| d <sub>M</sub>                   |                           |
| Q <sub>d</sub> 2,62%             |                           |
| g = Ig G                         |                           |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %      |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)             |
| Hé 0,64                          | Total                     |
| 1%                               | Util                      |
|                                  | Permeabilidad:            |
| grava                            | 11                        |
| arena 84,51%                     |                           |
| Limo                             | Contenido en carbonatos % |
| arcilla 15,40%                   | Calcita %                 |
|                                  | Dolomita %                |



| Tomiz      | Ø mm. | gr. | % gr. | ± % gr. |
|------------|-------|-----|-------|---------|
| 4          |       |     |       |         |
| 3          |       |     |       |         |
| 1          |       |     | 1.66  | 1.66    |
| 0.5        |       |     | 17.16 | 18.83   |
| 0.25       |       |     | 29.92 | 48.74   |
| 0.125      |       |     | 30.48 | 71.22   |
| 0.062      |       |     | 11.90 | 91.12   |
| R          |       |     | 8.76  | 99.88   |
| TOTALES... |       |     |       |         |

**IDENTIFICACION MUESTRA**  
**28-26-EP-LA-303**

|                                  |                           |
|----------------------------------|---------------------------|
| P <sub>10</sub>                  | Localidad                 |
| P <sub>90</sub> 0.072 mm         | Coordenadas               |
| Q <sub>1</sub>                   | Formación                 |
| Q <sub>2</sub>                   | Litología                 |
| Q <sub>3</sub>                   | Tratamiento de la muestra |
| M <sub>d</sub> 0.24 mm           | Qp - Play. med.           |
| S <sub>0</sub>                   | He - Play. med.           |
| Sk                               |                           |
| Ig Sk                            |                           |
| dm                               |                           |
| d <sub>w</sub>                   |                           |
| Q <sub>d</sub> 0.654             |                           |
| g = Ig G                         |                           |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %      |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)             |
| He 0.64                          | Total                     |
|                                  | Util                      |
|                                  | Permeabilidad:            |
| grova 11 %                       |                           |
| arena 91.12 %                    |                           |
| Limo 78.76 %                     | Contenido en carbonatos % |
| arcilla 1.12 %                   | Calcita %                 |
|                                  | Dolomita %                |



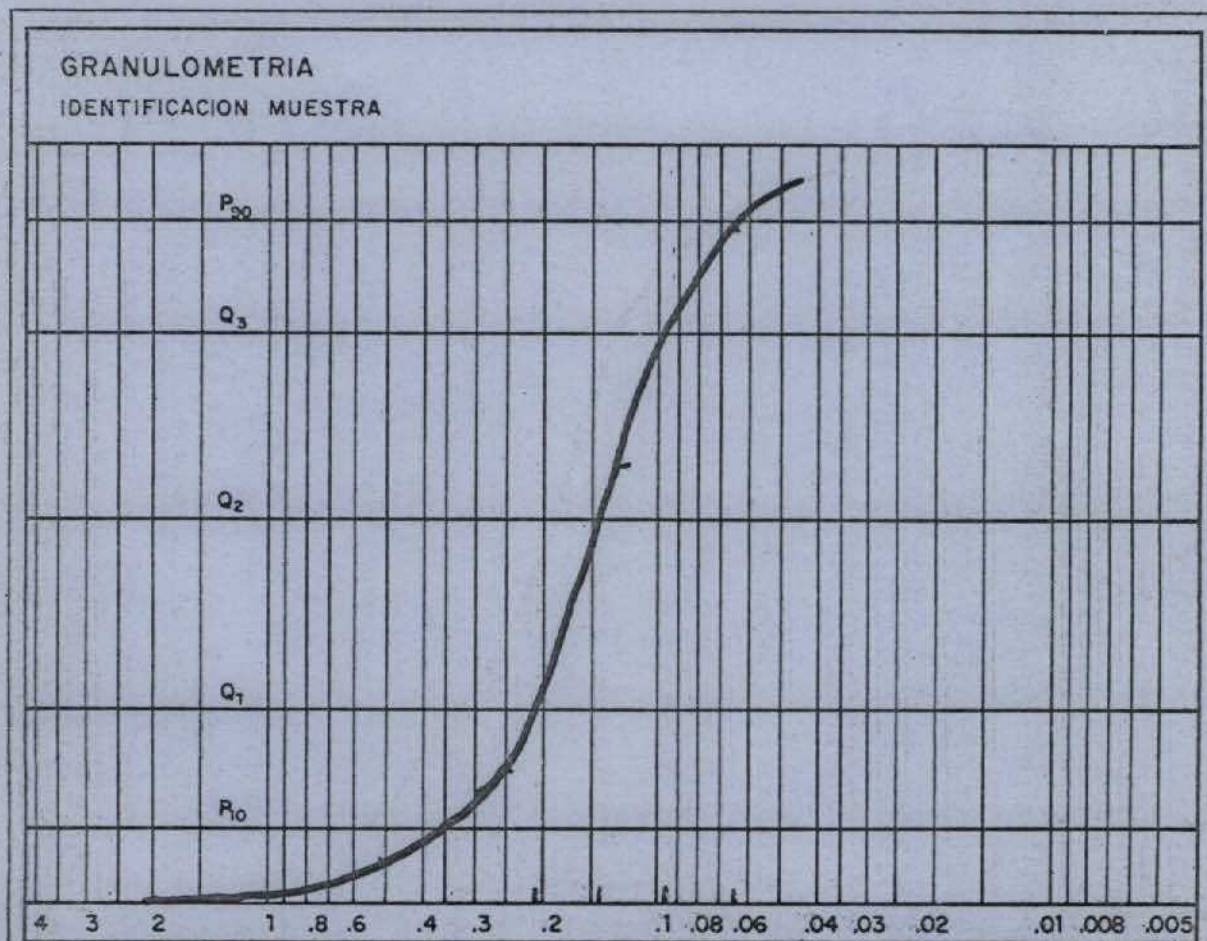
| Tamiz       | Ø mm. | gr.   | % gr. | Σ % gr. |
|-------------|-------|-------|-------|---------|
| 4           |       |       |       |         |
| 2           | 0.19  | 0.19  | 0.19  |         |
| 1           |       | 0.32  | 0.51  |         |
| 0.5         |       | 5.18  | 5.69  |         |
| 0.25        |       | 14.87 | 20.56 |         |
| 0.125       |       | 38.24 | 58.80 |         |
| 0.063       |       | 30.36 | 89.16 |         |
| R           |       | 10.72 | 99.88 |         |
| TOTALES.... |       |       |       |         |

IDENTIFICACION MUESTRA  
28-26-EP-LA 305

P<sub>10</sub> .....  
P<sub>90</sub> 0.063 mm  
Q<sub>1</sub> .....  
Q<sub>2</sub> .....  
Q<sub>3</sub> .....  
M<sub>d</sub> 0.14 mm  
S<sub>o</sub> .....  
Sk .....  
lg Sk .....  
dm .....  
d<sub>m</sub> .....  
Q<sub>d</sub> 0.54 φ  
g = lg G .....  
P<sub>10</sub>/P<sub>90</sub> .....  
Q<sub>2</sub>/Q<sub>1</sub> .....  
Hé 0.5 φ  
1% 0.9 mm

grava 0.19 %  
arena 88.97 %  
Limo 10.72 %  
arcilla 0 %

Localidad .....  
Coordenadas .....  
Formación .....  
Litología .....  
Tratamiento de la muestra .....  
Humedad (10 5° C.) ..... %  
Porosidad (%)  
Total .....  
Util .....  
Permeabilidad: .....  
Contenido en carbonatos ..... %  
Calcita ..... %  
Dolomita ..... %

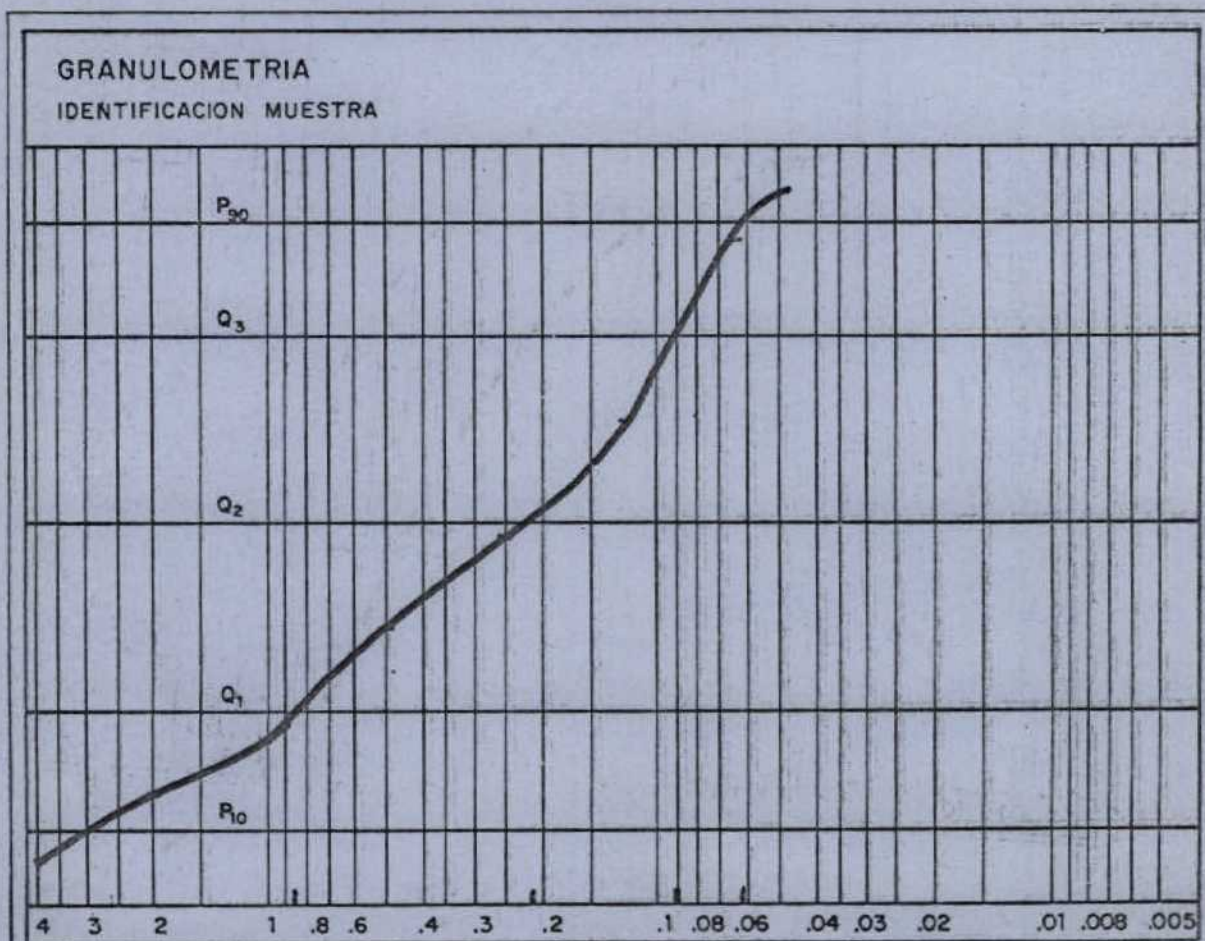




| Tamiz | Ø<br>mm. | gr. | %<br>gr. | Σ %<br>gr. |
|-------|----------|-----|----------|------------|
| 4     |          |     | 5.59     | 5.59       |
| 2     |          |     | 8.47     | 14.06      |
| 1     |          |     | 11.44    | 25.50      |
| 0.5   |          |     | 14.34    | 39.84      |
| 0.25  |          |     | 11.51    | 51.35      |
| 0.125 |          |     | 20.34    | 71.69      |
| 0.062 |          |     | 14.70    | 86.39      |
| R     |          |     | 11.59    | 100.00     |

| IDENTIFICACION MUESTRA           |                           |
|----------------------------------|---------------------------|
| 28-26 EPLA - 307                 |                           |
| P <sub>10</sub>                  | Localidad                 |
| P <sub>90</sub> 0.061 mm         | Coordenadas               |
| Q <sub>1</sub>                   | Formación                 |
| Q <sub>2</sub>                   | Litología                 |
| Q <sub>3</sub>                   | Tratamiento de la muestra |
| Md 0.212 mm                      | Ed - Fluvial - Lento      |
| S <sub>0</sub>                   | He - Fluvial - Suelo.     |
| S <sub>k</sub>                   |                           |
| Ig S <sub>k</sub>                |                           |
| dm                               |                           |
| d <sub>m</sub>                   |                           |
| Qd <sub>p</sub> 1.58 p           |                           |
| g = Ig G                         |                           |
| P <sub>10</sub> /P <sub>90</sub> | Humedad (10 5° C.) %      |
| Q <sub>2</sub> /Q <sub>1</sub>   | Porosidad (%)             |
| He 1.24                          | Total                     |
|                                  | Util                      |
|                                  | Permeabilidad:            |
| grava 14.56 %                    | Contenido en carbonatos % |
| arena 73.91 %                    | Calcita %                 |
| Limo 11.59 %                     | Dolomita %                |
| arcilla                          |                           |
| TOTALES...                       |                           |



| Tomiz      | Ø mm. | gr. | % gr. | Σ % gr. |
|------------|-------|-----|-------|---------|
| 4          |       |     | 2.37  | 2.37    |
| 2          |       |     | 5.62  | 7.99    |
| 1          |       |     | 12.32 | 20.31   |
| 0.5        |       |     | 24.32 | 44.67   |
| 0.25       |       |     | 26.60 | 71.27   |
| 0.125      |       |     | 16.64 | 87.91   |
| 0.062      |       |     | 7.25  | 95.16   |
| R          |       |     | 4.39  | 99.55   |
| TOTALES... |       |     |       |         |

| IDENTIFICACION MUESTRA           |          | 28-26-EP-LA-308                                   |       |
|----------------------------------|----------|---------------------------------------------------|-------|
| P <sub>10</sub>                  |          | Localidad                                         |       |
| P <sub>90</sub>                  | 0.1 mm.  | Coordenadas                                       |       |
| Q <sub>1</sub>                   |          | Formación                                         |       |
| Q <sub>2</sub>                   |          | Edad                                              | Weald |
| Q <sub>3</sub>                   |          | Litología                                         |       |
| Md                               | 0.42 mm. | Tratamiento de la muestra                         |       |
| So                               |          | Q <sub>clp</sub> = Fluvial - Dep. - clay - marine |       |
| Sk                               |          | He = Fluvial                                      |       |
| Ig Sk                            |          |                                                   |       |
| dm                               |          |                                                   |       |
| d <sub>w</sub>                   |          |                                                   |       |
| Q <sub>d</sub> p                 | 0.81 p   |                                                   |       |
| g = Ig G                         |          |                                                   |       |
| P <sub>10</sub> /P <sub>90</sub> |          | Humedad (10 5° C.) %                              |       |
| Q <sub>2</sub> /Q <sub>1</sub>   |          | Porosidad (%)                                     |       |
| He                               | 0.8 p    | Total                                             |       |
|                                  |          | Util                                              |       |
|                                  |          | Permeabilidad:                                    |       |
| grava                            | 7.99 %   |                                                   |       |
| arena                            | 87.17 %  |                                                   |       |
| Limo                             |          | Contenido en carbonatos %                         |       |
| arcilla                          | 4.39 %   | Calcita %                                         |       |
|                                  |          | Dolomita %                                        |       |

