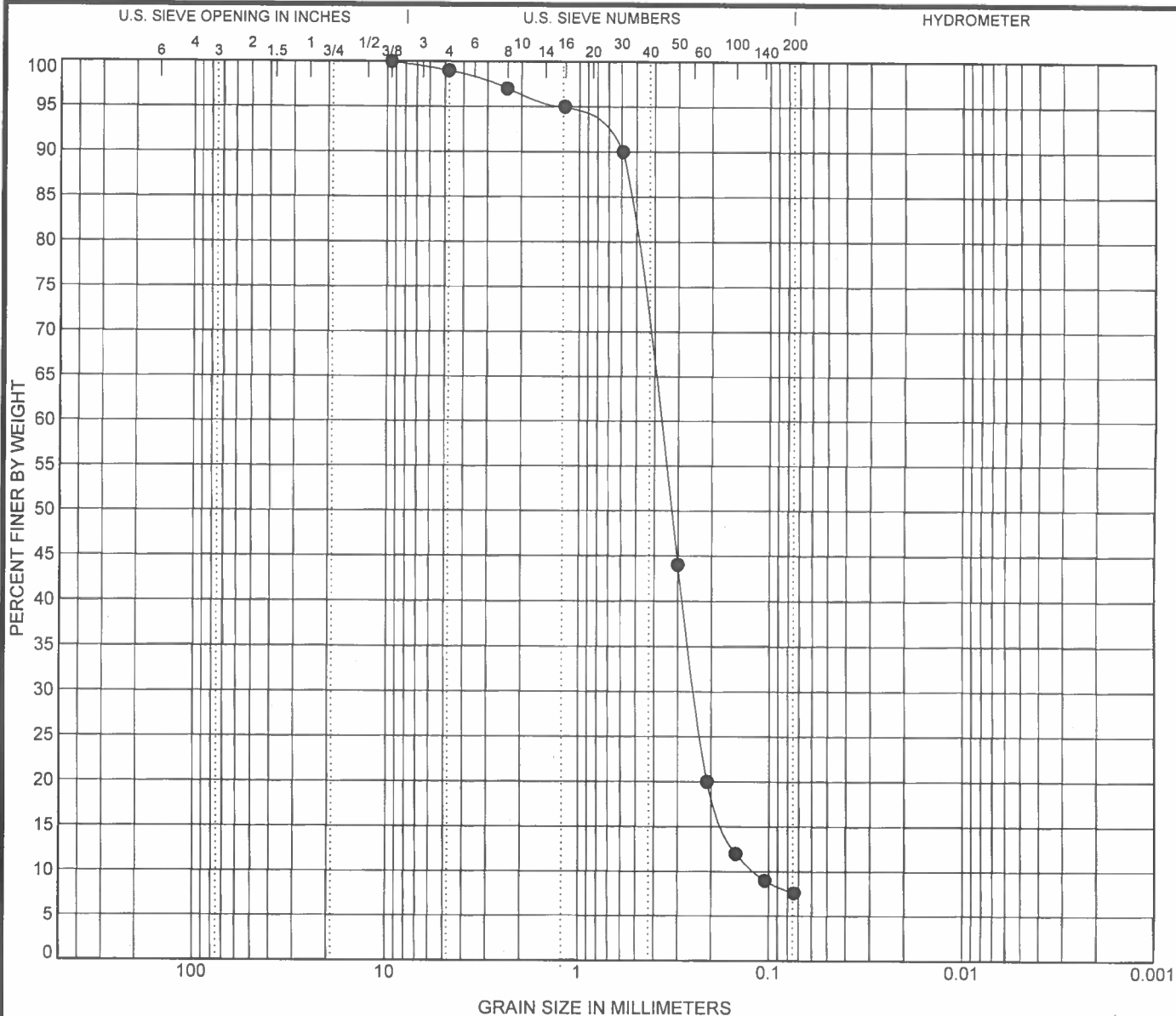


U.S. GRAIN SIZE G114145 SAND BORROW AREA GPJ US LAB GDT 4/15/14



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

| Specimen ID             | Depth | Classification |      |       |       | LL      | PL    | PI    | Cc    | Cu   |
|-------------------------|-------|----------------|------|-------|-------|---------|-------|-------|-------|------|
| ● Port of Bay City; B-4 | 0.0'  | B-4; 0' - 2'   |      |       |       |         |       |       | 1.33  | 3.22 |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
| Specimen ID             | Depth | D100           | D60  | D30   | D10   | %Gravel | %Sand | %Silt | %Clay |      |
| ● Port of Bay City; B-4 | 0.0'  | 9.5            | 0.38 | 0.244 | 0.118 | 1.0     |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |
|                         |       |                |      |       |       |         |       |       |       |      |

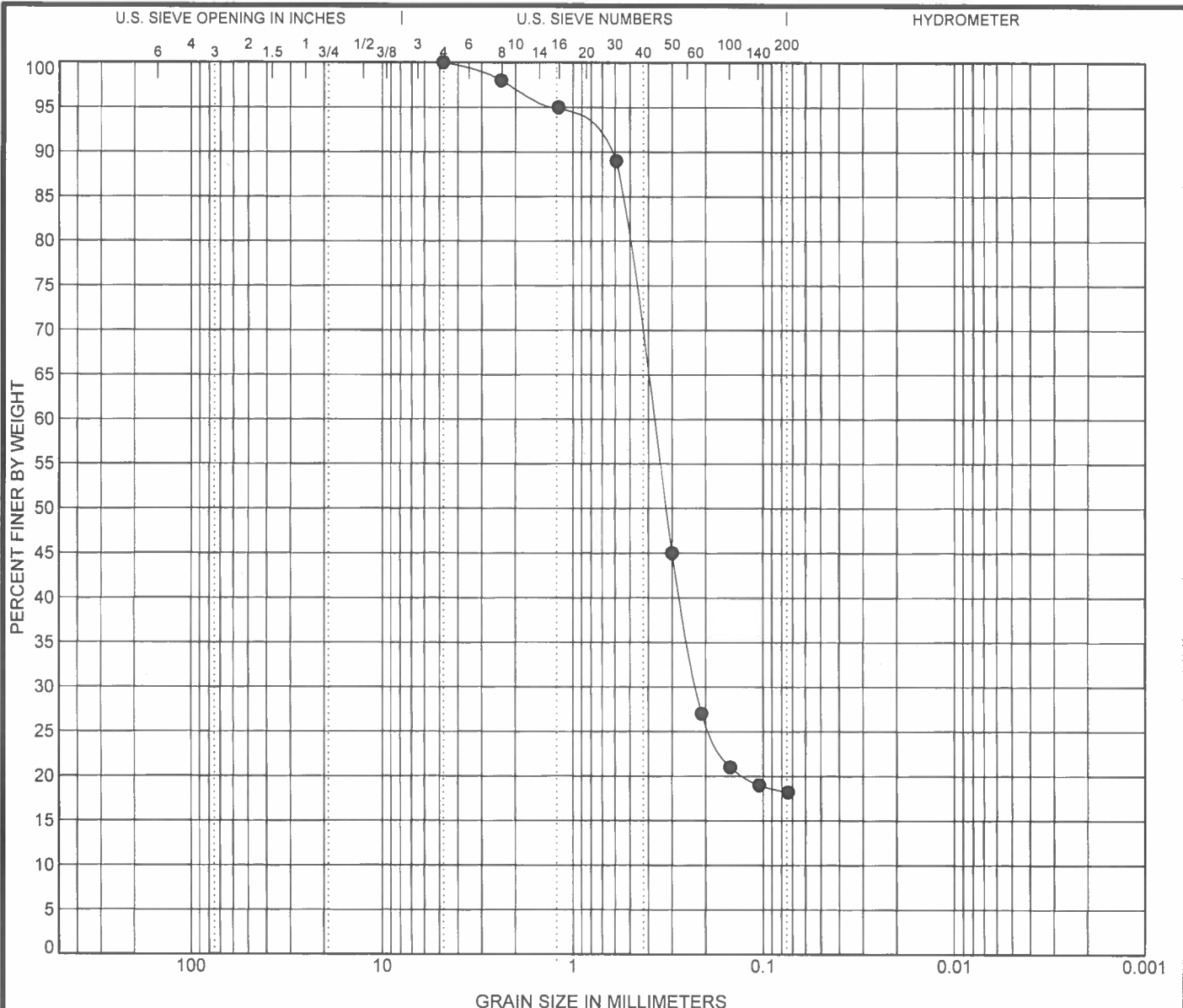


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### GRAIN SIZE DISTRIBUTION

Project: Prop. Sand Borrow Area Projects  
 Location: Brazoria & Matagorda Counties, TX  
 Number: G114145

US GRAIN SIZE G114145 SAND BORROW AREA GPJ US LAB GDT 4/25/14



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

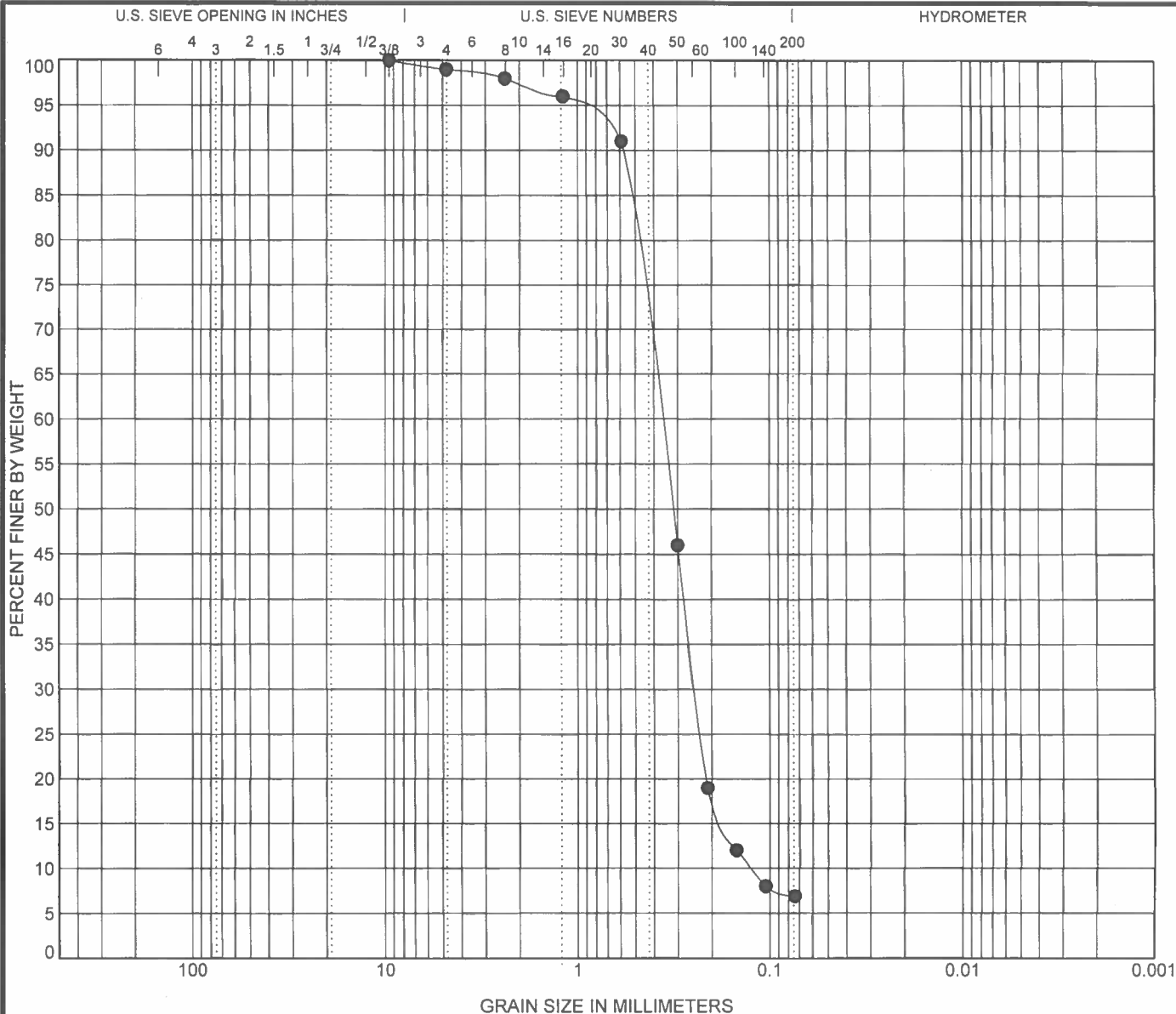
| Specimen ID |                       | Depth | Classification |       |       |     |         | LL    | PL    | PI    | Cc | Cu |
|-------------|-----------------------|-------|----------------|-------|-------|-----|---------|-------|-------|-------|----|----|
| ●           | Port of Bay City; B-4 | 2.0'  | B-4; 2' - 4'   |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
| Specimen ID |                       | Depth | D100           | D60   | D30   | D10 | %Gravel | %Sand | %Silt | %Clay |    |    |
| ●           | Port of Bay City; B-4 | 2.0'  | 4.78           | 0.378 | 0.223 |     | 0.0     |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |
|             |                       |       |                |       |       |     |         |       |       |       |    |    |



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Project: Prop. Sand Borrow Area Projects  
 Location: Brazoria & Matagorda Counties, TX  
 Number: G114145



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

| Specimen ID             | Depth | Classification | LL | PL | PI | Cc   | Cu   |
|-------------------------|-------|----------------|----|----|----|------|------|
| ● Port of Bay City; B-4 | 4.0'  | B-4; 4' - 6'   |    |    |    | 1.27 | 2.96 |
|                         |       |                |    |    |    |      |      |
|                         |       |                |    |    |    |      |      |
|                         |       |                |    |    |    |      |      |

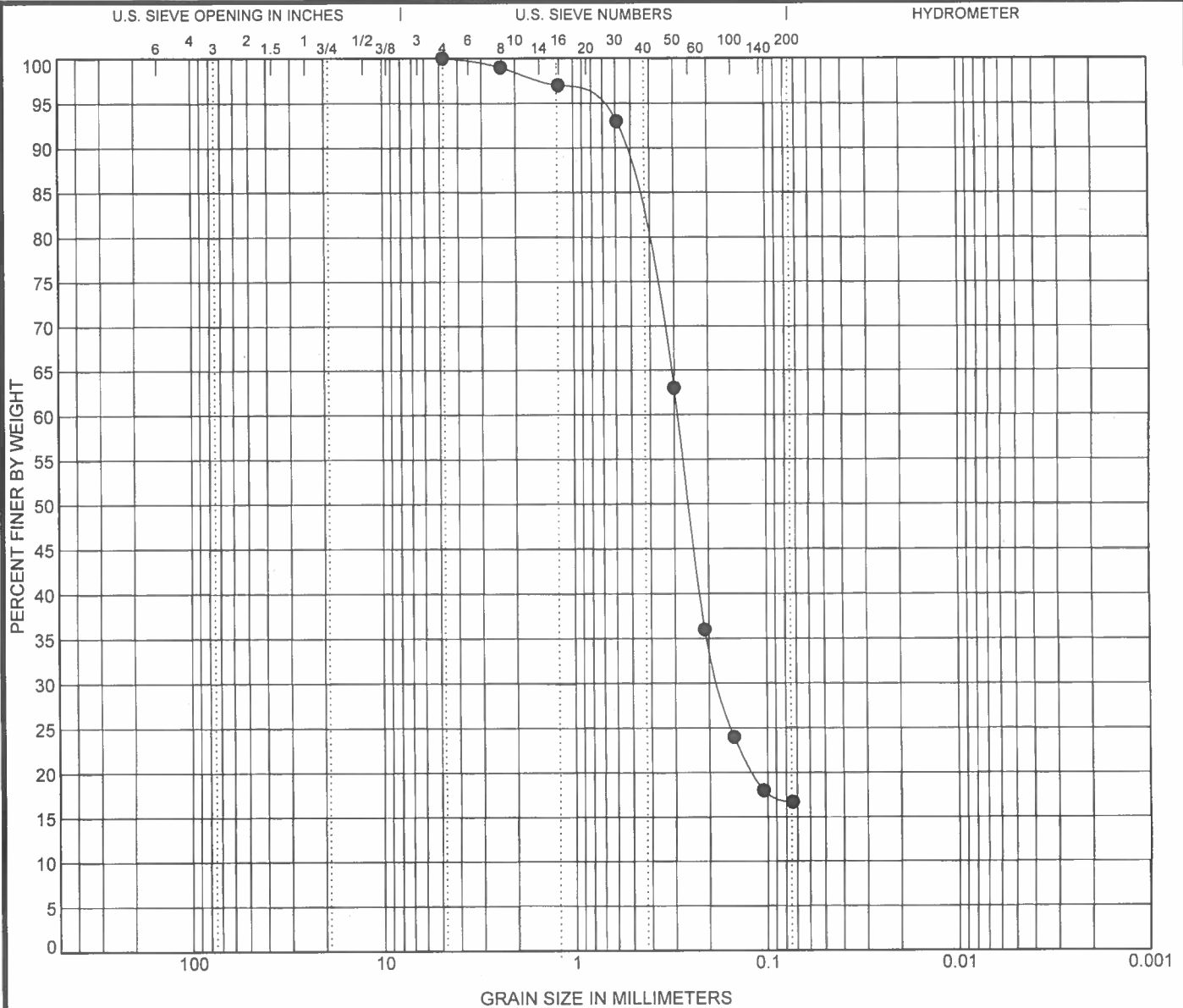
| Specimen ID             | Depth | D100 | D60  | D30   | D10   | %Gravel | %Sand | %Silt | %Clay |
|-------------------------|-------|------|------|-------|-------|---------|-------|-------|-------|
| ● Port of Bay City; B-4 | 4.0'  | 9.5  | 0.37 | 0.243 | 0.125 | 1.0     |       |       |       |
|                         |       |      |      |       |       |         |       |       |       |
|                         |       |      |      |       |       |         |       |       |       |
|                         |       |      |      |       |       |         |       |       |       |



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## GRAIN SIZE DISTRIBUTION

Project: Prop. Sand Borrow Area Projects  
 Location: Brazoria & Matagorda Counties, TX  
 Number: G114145



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

| Specimen ID             | Depth | Classification |       |       |     | LL      | PL    | PI    | Cc    | Cu |
|-------------------------|-------|----------------|-------|-------|-----|---------|-------|-------|-------|----|
| ● Port of Bay City; B-4 | 6.0'  | B-4; 6' - 8'   |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
| Specimen ID             | Depth | D100           | D60   | D30   | D10 | %Gravel | %Sand | %Silt | %Clay |    |
| ● Port of Bay City; B-4 | 6.0'  | 4.78           | 0.288 | 0.177 |     | 0.0     |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |
|                         |       |                |       |       |     |         |       |       |       |    |

## GRAIN SIZE DISTRIBUTION

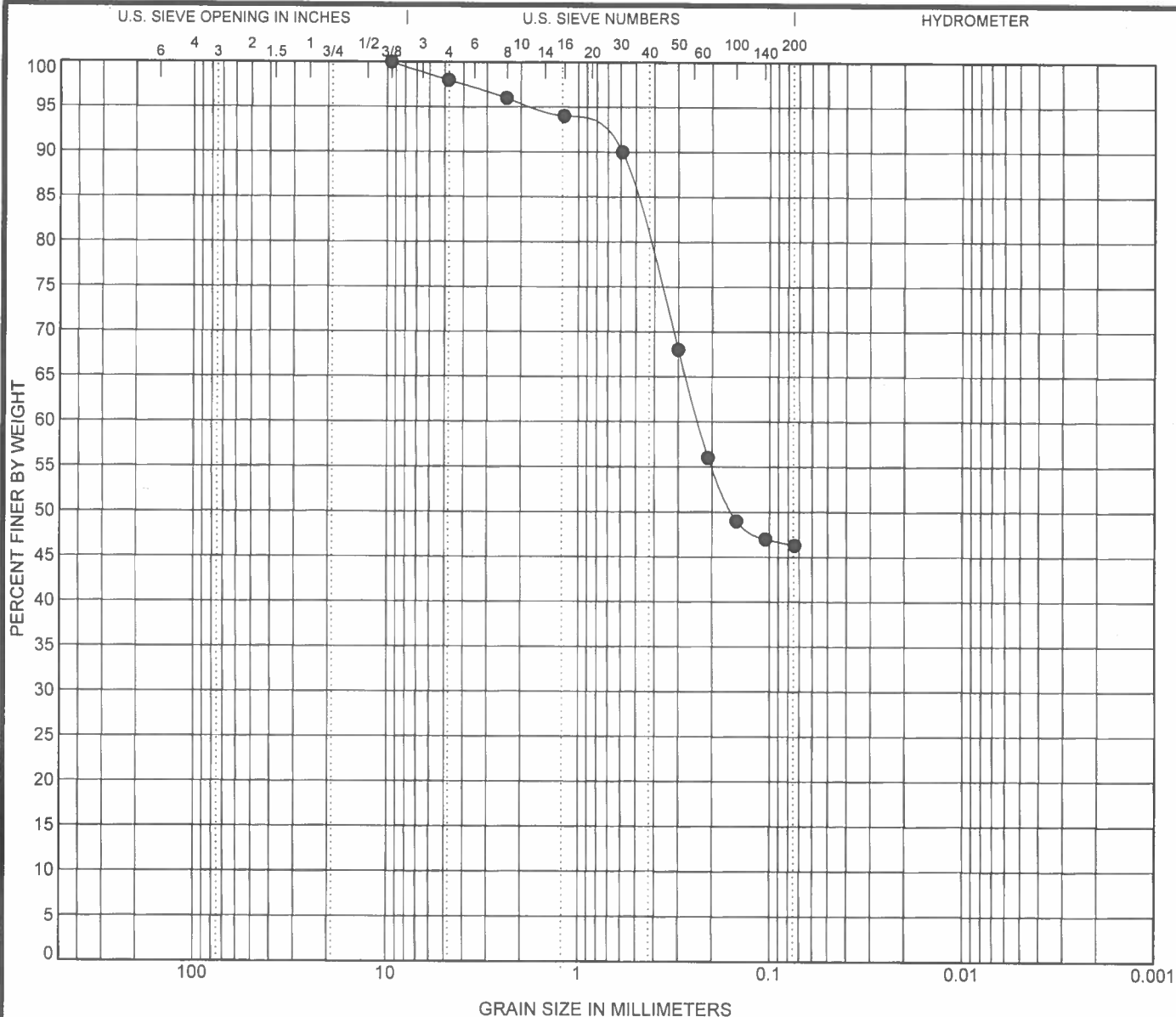


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Project: Prop. Sand Borrow Area Projects

Location: Brazoria & Matagorda Counties, TX

Number: G114145



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

| Specimen ID             | Depth | Classification | LL | PL | PI | Cc | Cu |
|-------------------------|-------|----------------|----|----|----|----|----|
| ● Port of Bay City; B-4 | 8.0'  | B-4; 8' - 10'  |    |    |    |    |    |
|                         |       |                |    |    |    |    |    |
|                         |       |                |    |    |    |    |    |
|                         |       |                |    |    |    |    |    |

| Specimen ID             | Depth | D100 | D60   | D30 | D10 | %Gravel | %Sand | %Silt | %Clay |
|-------------------------|-------|------|-------|-----|-----|---------|-------|-------|-------|
| ● Port of Bay City; B-4 | 8.0'  | 9.5  | 0.237 |     |     | 2.0     |       |       |       |
|                         |       |      |       |     |     |         |       |       |       |
|                         |       |      |       |     |     |         |       |       |       |
|                         |       |      |       |     |     |         |       |       |       |



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 Number: G114145