

Client: United States Army Corps of Engineers

Project: Colorado River to Matagorda Bay; Contract DACW64-03-D-0008; Delivery Order 0037

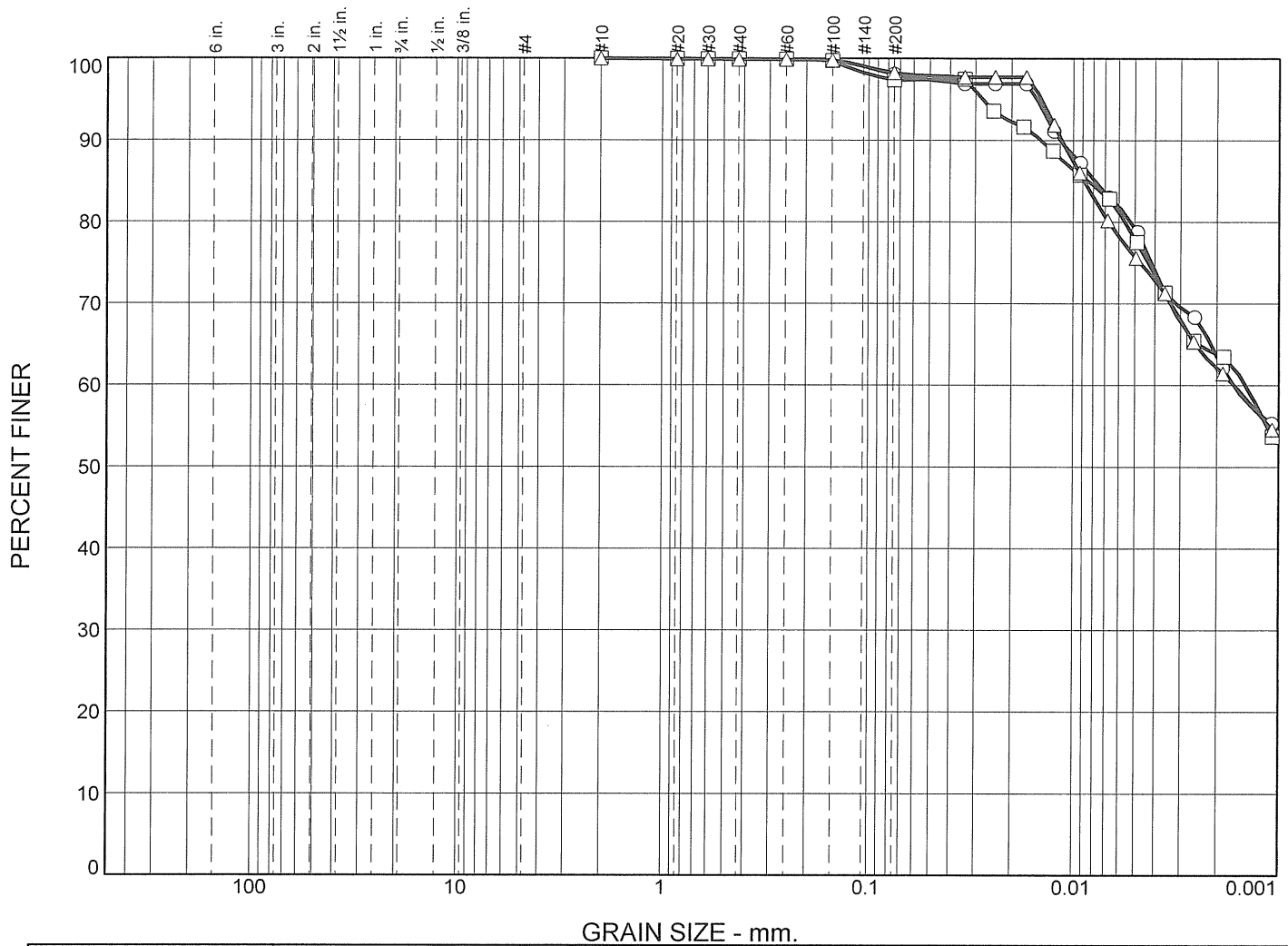
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TOLUNAY-WONG ENGINEERS, INC.



# Particle Size Distribution Report (ASTM D 422)



|   | % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|---|-------|----------|------|--------|--------|------|---------|------|
|   |       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| ○ | 0.0   | 0.0      | 0.0  | 0.0    | 0.1    | 1.8  | 34.5    | 63.6 |
| □ | 0.0   | 0.0      | 0.0  | 0.0    | 0.1    | 2.5  | 33.5    | 63.9 |
| △ | 0.0   | 0.0      | 0.0  | 0.0    | 0.1    | 1.6  | 36.1    | 62.2 |
|   |       |          |      |        |        |      |         |      |
|   |       |          |      |        |        |      |         |      |

| SOIL DATA |              |            |             |                      |      |
|-----------|--------------|------------|-------------|----------------------|------|
| SYMBOL    | SOURCE       | SAMPLE NO. | DEPTH (ft.) | Material Description | USCS |
| ○         | Grab Samples | A-70       | Surface     |                      | CH   |
| □         | Grab Samples | A-71       | Surface     |                      | CH   |
| △         | Grab Samples | A-72       | Surface     |                      | CH   |
|           |              |            |             |                      |      |
|           |              |            |             |                      |      |

**Tolunay-Wong  
Engineers, Inc.  
Houston, Texas**

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**Project No.:** 03-859-037