

12 July 1971

GDLR NO 1595

PROJECT: SABINE NECHES WATERWAYBORING NO. 77-219

## TEST DATA SUMMARY

LOCATION: Lat. 29° 30' 53", Long. 93° 41' 44"

DATE COMPLETED \_\_\_\_\_

| FIELD NO. | Sample Depth, Feet |      | CLASSIFICATION<br><br>ELEVATION TOP BORING _____               | Length of sample recy'd | SYMBOL   | CONSISTENCY | POCKET (1)<br>PENETROMETER | STAN. PENET.<br>BLOWS/FT (2) | MOISTURE<br>CONTENT % | DRY DENSITY | P. c. f. | L.L. | P.L. | Lab Sample No. | BAR L.S. | SIEVE ANALYSIS |      |       |           |                                 |        |        |         |  |  |
|-----------|--------------------|------|----------------------------------------------------------------|-------------------------|----------|-------------|----------------------------|------------------------------|-----------------------|-------------|----------|------|------|----------------|----------|----------------|------|-------|-----------|---------------------------------|--------|--------|---------|--|--|
|           | From               | To   |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          | PERCENT        |      |       | WT. INIT. | ACC. WT. RTND.<br>SIEVE NO. (3) |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          | GRVL           | SAND | FINES |           | NO. 4                           | NO. 10 | NO. 40 | NO. 200 |  |  |
|           | 0.0                | 35.5 | # water 0.0-35.5                                               |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
| 1C        | 35.5               | 37.5 | Dark gray clayey sand 35.5-37.5<br>with random shell fragments | 2.0                     | SC       | VS          | 0.0                        |                              | 31                    |             |          |      |      | 5545           | 5        | 0              | 56   | 44    | 50        | 0                               | 0      | 1      | 28      |  |  |
| 2C        | 37.5               | 39.5 | Dark gray sandy clayey 37.5-39.5<br>silt with random shells    | 2.0                     | ML<br>CL | VS          | 0.0                        |                              | 40                    |             |          |      |      | 5546           | 4.0      | 0              | 16   | 84    | 50        | 0                               | 0      | 0      | 8       |  |  |
| 3C        | 39.5               | 41.5 | Dark gray sandy clay 39.5-41.5<br>with random shells           | 2.0                     | CL       | VS          | 0.0                        |                              | 37                    |             |          |      |      | 5547           | 11       | 0              | 28   | 72    | 50        | 0                               | 0      | 0      | 14      |  |  |
| 4C        | 41.5               | 43.5 | Gray clay to gray 41.5-43.5<br>and brown (lean) clay           | 2.0                     | CH       | VS          | 0.0                        |                              | 43                    |             | 63       | 22   |      | 5548           |          | 0              | 14   | 86    | 50        | 0                               | 0      | 0      | 7       |  |  |
| 5C        | 43.5               | 45.5 | Gray & brown clay with random silt<br>seams                    | 2.0                     |          | VS          | 0.0                        |                              | 39                    |             |          |      |      | 5549           |          |                |      |       |           |                                 |        |        |         |  |  |
| 6C        | 45.5               | 47.5 | Gray & brown clay with random silt<br>seams                    | 2.0                     |          | ST          | 1.50                       |                              | 31                    |             |          |      |      | 5550           |          |                |      |       |           |                                 |        |        |         |  |  |
| 7C        | 47.5               | 49.5 | Gray & brown clay with random silt<br>seams                    | 2.0                     |          | ST          | 1.75                       |                              | 37                    |             | 81       | 27   |      | 5551           |          | 0              | 0    | 100   | 50        | 0                               | 0      | 0      | 0       |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      | #information obtained from driller's log                       |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |
|           |                    |      |                                                                |                         |          |             |                            |                              |                       |             |          |      |      |                |          |                |      |       |           |                                 |        |        |         |  |  |

KEY: CONSISTENCY — COHESIVE SOILS CONSISTENCY — COHESIONLESS SOILS  
 VS S H ST VST H VL L H D VD  
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

(1) Tons/Sq. Ft. Unconfined Compressive Strength  
 (2) Split Barrel Sampler  
 (3) Acc. Wt. Retd. ÷ Init. Wt. x 100 = % Retd.

Bottomed at \_\_\_\_\_ Water at \_\_\_\_\_ Tide Reading +2.4BORING NO. 77-219Sheet 1 of sheets 1

