

# LOG OF BORING

Project : MTBE Improvement Areas-Tenneco Natural Gas Liquids Corp., La Porte, Texas  
 Client : M.W. Kellogg Company Houston, Texas  
 Boring No. : B-107  
 File No. : 90-0422  
 Date : 7-11-90  
 Elevation : +9 ft.  
 Dry Augered 0 to 12 ft. Water at Dry ft.; Caving at ft.  
 Wash Bored 12 to 30 ft. Water at ft. after

| ELEV  | SOIL SYMBOLS<br>SAMPLER SYMBOLS<br>AND FIELD TEST DATA | Description                                                      | Wc<br>(%) | Dens.<br>(pcf) | Qu or UU<br>(tsf) | Str<br>(%) | LL | PI | #200<br>(%) |
|-------|--------------------------------------------------------|------------------------------------------------------------------|-----------|----------------|-------------------|------------|----|----|-------------|
| DEPTH |                                                        |                                                                  |           |                |                   |            |    |    |             |
| 0     | 4.50                                                   | Very stiff gray & tan CLAY "FILL"<br>w/calcareous nodules        | 18        |                |                   |            |    |    |             |
|       | 0.50                                                   | -soft below 2'                                                   | 25        |                |                   |            |    |    |             |
|       | 0.75                                                   | -firm below 4'                                                   | 32        |                |                   |            |    |    |             |
| 5     | 0.50                                                   | Soft tan CLAY (CH)                                               | 34        |                |                   |            |    |    |             |
|       | 0.50                                                   | -w/organic matter below 8'                                       | 46        |                |                   |            |    |    |             |
| 10    | 2.00                                                   | -stiff, gray w/calcareous nodules<br>below 10'<br>-w/shell @ 10' | 28        |                |                   |            |    |    |             |
|       | 2.00                                                   | -tan & light gray w/many ferrous<br>& calcareous nodules @ 13.5' | 14        | 121            |                   |            |    |    |             |
| 15    |                                                        |                                                                  |           |                |                   |            |    |    |             |
|       | 1.75                                                   | -gray & tan below 18'                                            | 31        |                |                   |            |    |    |             |
| 20    |                                                        |                                                                  |           |                |                   |            |    |    |             |
|       | 3.00                                                   | -very stiff @ 23'-25'                                            |           |                |                   |            |    |    |             |
| 25    |                                                        |                                                                  |           |                |                   |            |    |    |             |
|       | 2.50                                                   |                                                                  |           |                |                   |            |    |    |             |
| 30    |                                                        |                                                                  |           |                |                   |            |    |    |             |

Bottom @ 30'