

054-46

LOG of BORING NO. B-12

DATE: January 30, 1998 SURFACE ELEVATION: 31.5 LOCATION: See Plan

| DEPTH, ft | SAMPLES | N VALUE OR CORE RECOVERY | SAMPLE TYPE | DESCRIPTION | STRATUM ELEVATION | POCKET PENETROMETER | WATER CONTENT, % | LIQUID LIMIT, % | PLASTIC LIMIT, % | OTHER TESTS |
|-----------|---------|--------------------------|-------------|---|-------------------|---------------------|------------------|-----------------|------------------|-------------|
| 0 | | | | | | tsf | | | | |
| | | 13 | SS | Dense gray and brown micaceous silty fine sand, trace gravel | | | 20.6 | | | |
| | | 24 | SS | | | | 24.9 | | | |
| 5 | | 19 | SS | Stiff to very stiff gray and brown mottled micaceous sandy silty clay | | | 29.6 | | | |
| | | 29 | SS | -- with 4" sand layer at 7.8 ft | | | 27.3 | | | |
| | | 8 | SS | -- becoming medium stiff to stiff | | | 31.3 | | | |
| 10 | | 13 | SS | Stiff dark gray micaceous silty clay | | | 19.4 | | | |
| | | 10 | SS | | | | 43.6 | | | |
| 15 | | 16 | SS | -- with some light gray sand lenses | | | 47.5 | | | |
| | | 7 | SS | -- becoming medium stiff with occasional organic inclusions | | | 48.2 | | | |
| 25 | | 4 | SS | | | | 61.6 | | | |
| | | | ST | -- no recovery | | | 63.1 | | | |
| 30 | | 5 | SS | | | | 36.1 | | | |
| 35 | | | | | | | | | | |

Continued on Sheet 2 of 2

Completion Depth: 60.0 ft Water Depth: _____ ft After _____ hrs
 Project No.: 97G193 _____ ft After _____ hrs
 Project Name: Star Enterprise DMSA-II _____ ft After _____ hrs
 Drilling Method: Hollow-Stem Augers and Mud Rotary _____ ft After _____ hrs

LOG of BORING NO. B-12

DATE: January 30, 1998 SURFACE ELEVATION: 31.5 LOCATION: See Plan

| DEPTH, ft | SAMPLES | N VALUE OR CORE RECOVERY | SAMPLE TYPE | DESCRIPTION | STRATUM ELEVATION | POCKET PENETROMETER | WATER CONTENT, % | LIQUID LIMIT, % | PLASTIC LIMIT, % | OTHER TESTS |
|-----------|---------|--------------------------|-------------|--|-------------------|---------------------|------------------|-----------------|------------------|-------------|
| 35 | | | | | | tsf | | | | |
| 38 | | 5 | SS | Medium stiff dark gray micaceous silty clay | | | 35.3 | | | |
| 42 | | 5 | SS | | | | 40.9 | | | |
| 45 | | | | | | | 45.5 | | | |
| 48 | | 7 | SS | | -18.1 | | 71.1 | | | |
| 50 | | | | Dark brown fibrous peat | -20.0 | | 191.5 | | | |
| 53 | | 2 | SS | Soft gray micaceous silty clay, trace organics | | | 105.3 | | | |
| 58 | | | | | | | | | | |
| 60 | | WOH | SS | | -28.5 | | 55.8 | | | |
| 65 | | | | | | | | | | |
| 70 | | | | | | | | | | |

Completion Depth: 60.0 ft

Water Depth: _____ ft After _____ hrs

Project No.: 97G193

_____ ft After _____ hrs

Project Name: Star Enterprise DMSA-II

_____ ft After _____ hrs

Drilling Method: Hollow-Stem Augers and Mud Rotary

_____ ft After _____ hrs