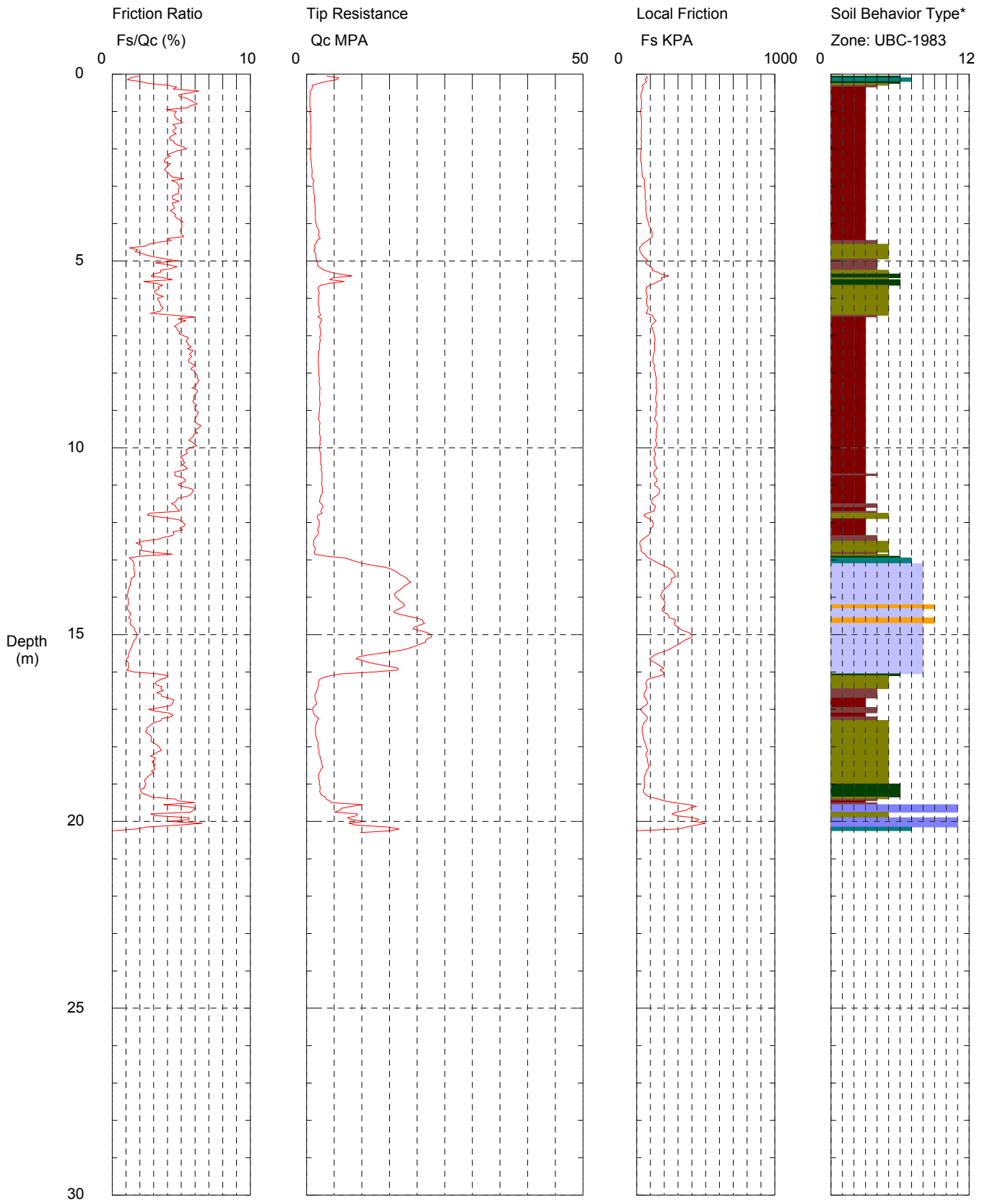


# USGS

Operator: Tom Noce  
 Sounding: 54 BZA018  
 Cone Used: DDG0770

CPT Date/Time: 1/7/2006 2:39:47 PM  
 Location: San Bernard WR Autotour loop 3  
 Job Number: Qal



Maximum Depth = 20.30 meters

Depth Increment = 0.050 meters

- |                          |                             |                            |                                |
|--------------------------|-----------------------------|----------------------------|--------------------------------|
| 1 sensitive fine grained | 4 silty clay to clay        | 7 silty sand to sandy silt | 10 gravelly sand to sand       |
| 2 organic material       | 5 clayey silt to silty clay | 8 sand to silty sand       | 11 very stiff fine grained (*) |
| 3 clay                   | 6 sandy silt to clayey silt | 9 sand                     | 12 sand to clayey sand (*)     |

\*Soil behavior type and SPT based on data from UBC-1983