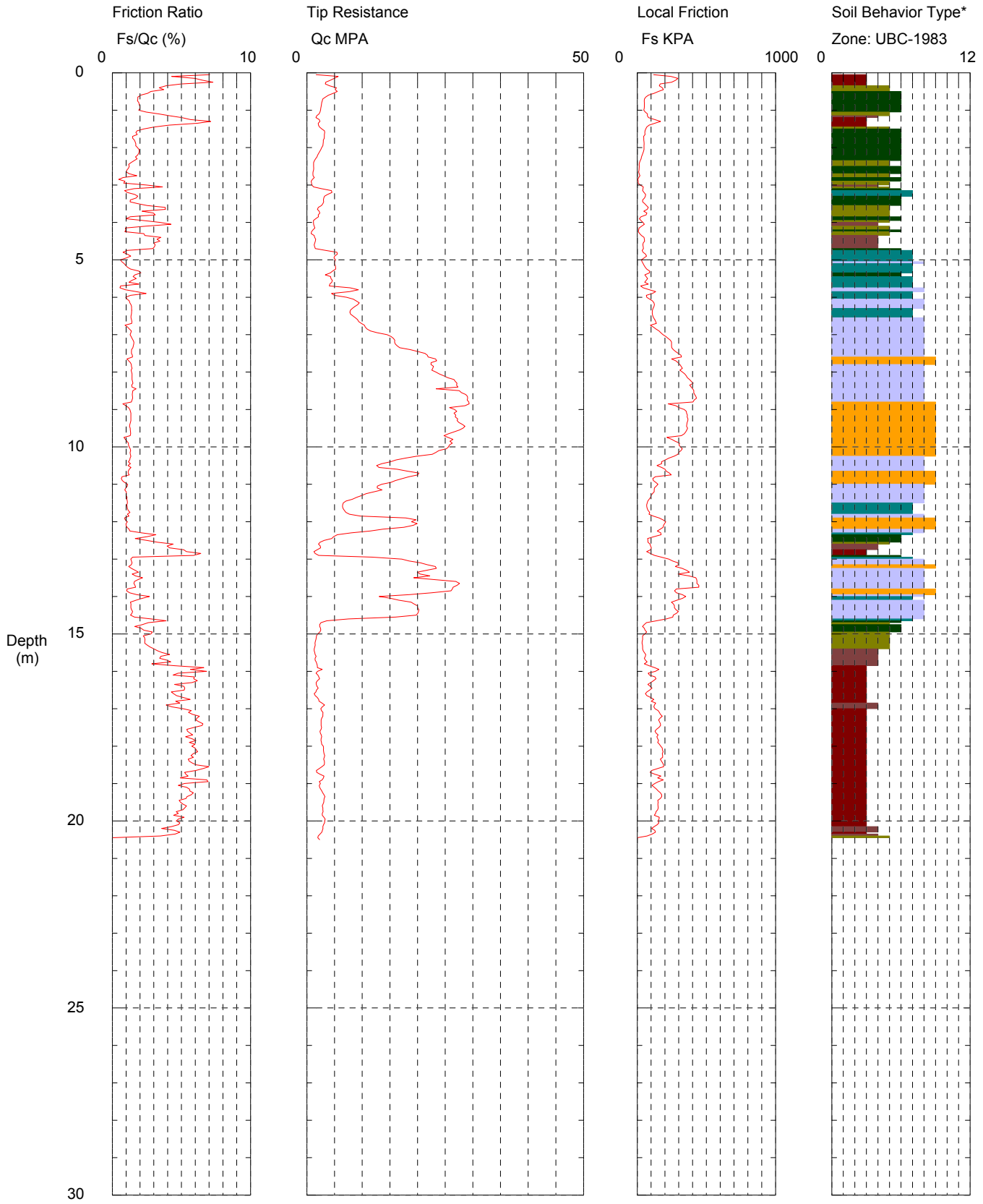


USGS

Operator: Tom Noce
 Sounding: CMN007
 Cone Used: DDG0766

CPT Date/Time: 1/15/2005 10:33:36 AM
 Location: Gem Estates Qas
 Job Number: Rio Grande Valley Texas



Maximum Depth = 20.50 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