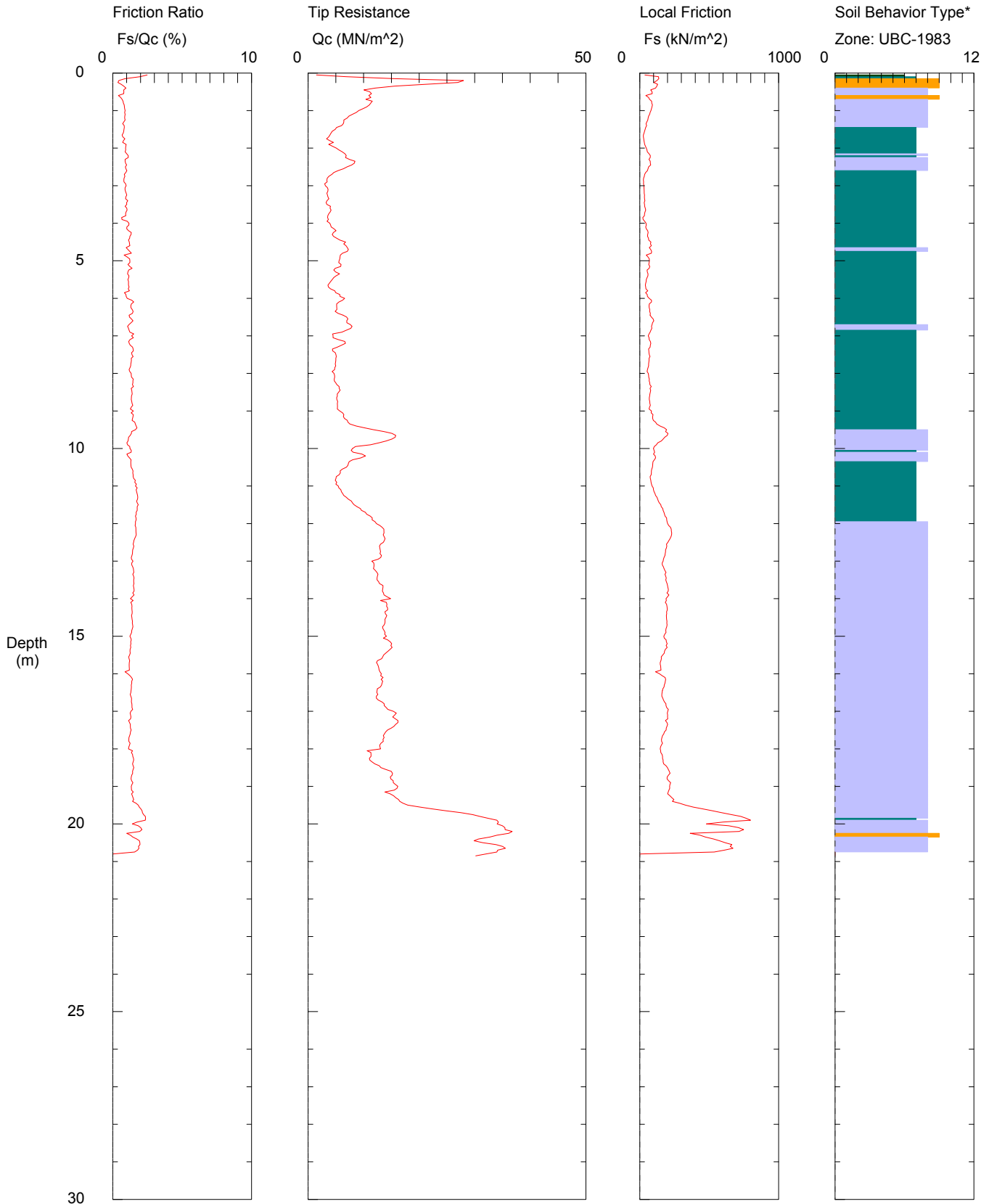


US Geological Survey

Operator: Tom Noce
 Sounding: POR012
 Cone Used: 766tc

CPT Date/Time: 09-25-04 11:01
 Location: DA 3
 Job Number: Indiana Dunes



Maximum Depth = 20.85 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