

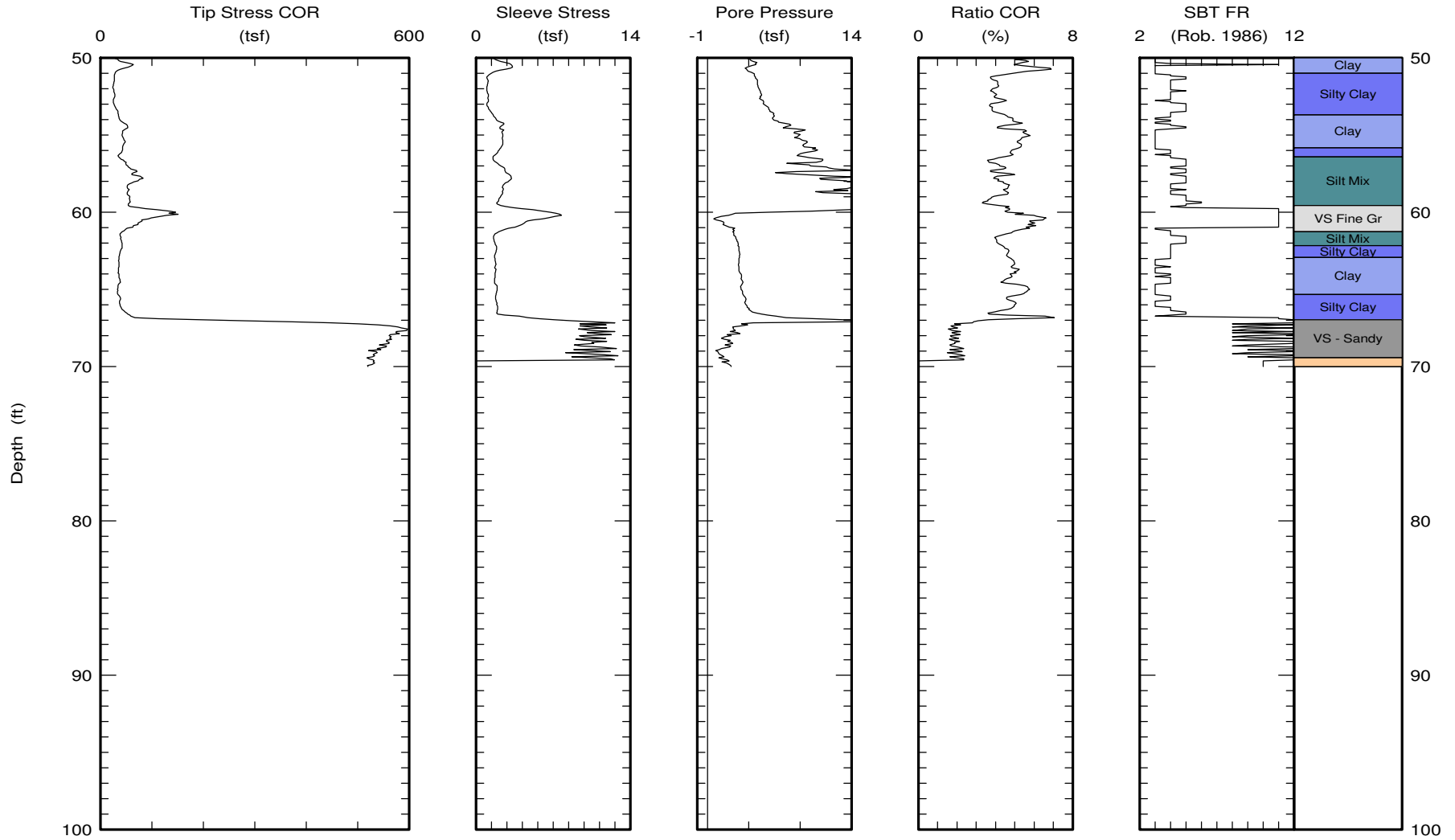


Kehoe Testing & Engineering
Office: (714) 901-7270
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rich@kehoetesting.com
www.kehoetesting.com

CPT Data
30 ton rig

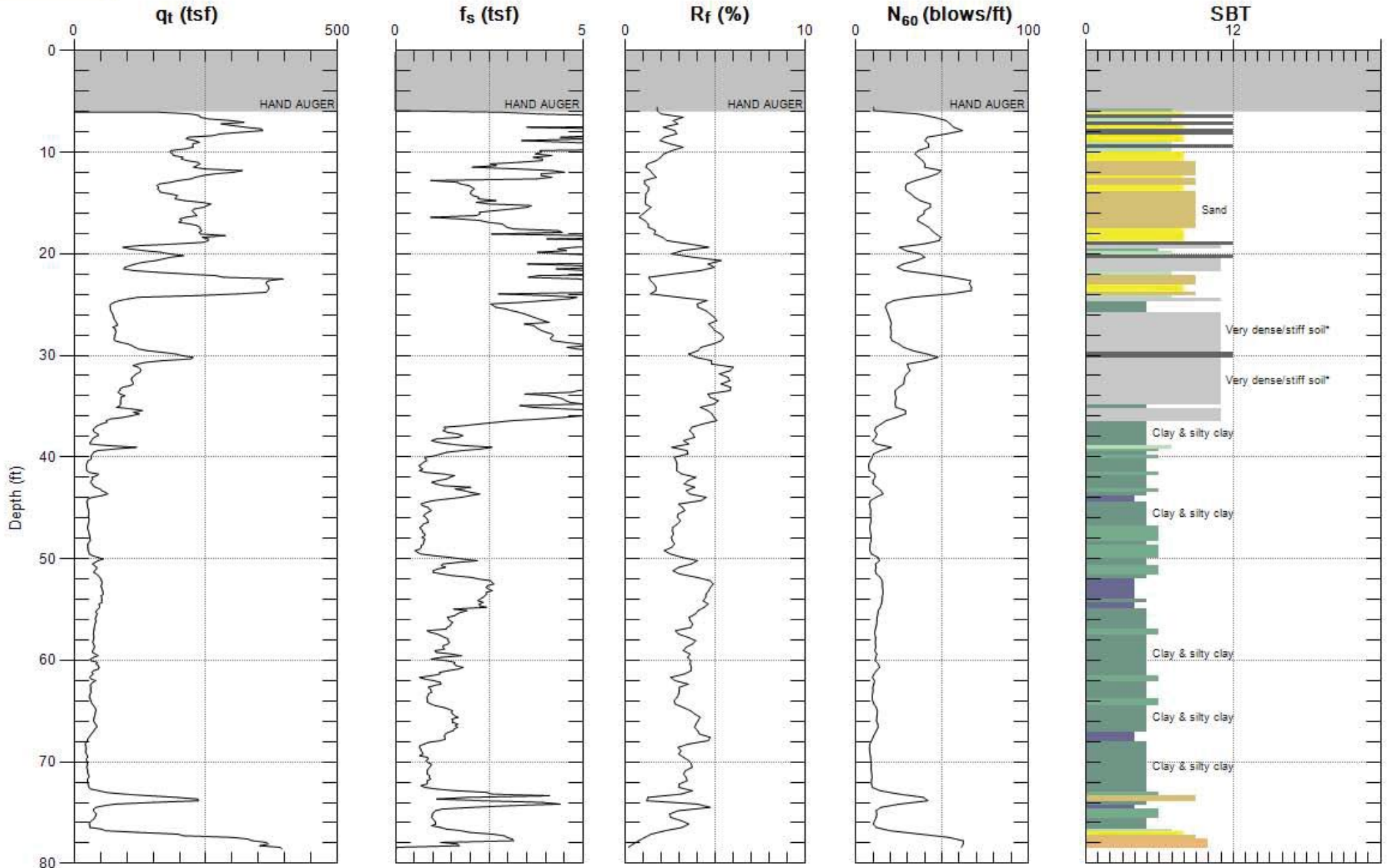
Date: 26/Feb/2011
Test ID: C-120
Project: LosAngeles

Customer: MACTEC
Job Site: Beverly Hills High School



Maximum depth: 70.01 (ft)
Page 2 of 2

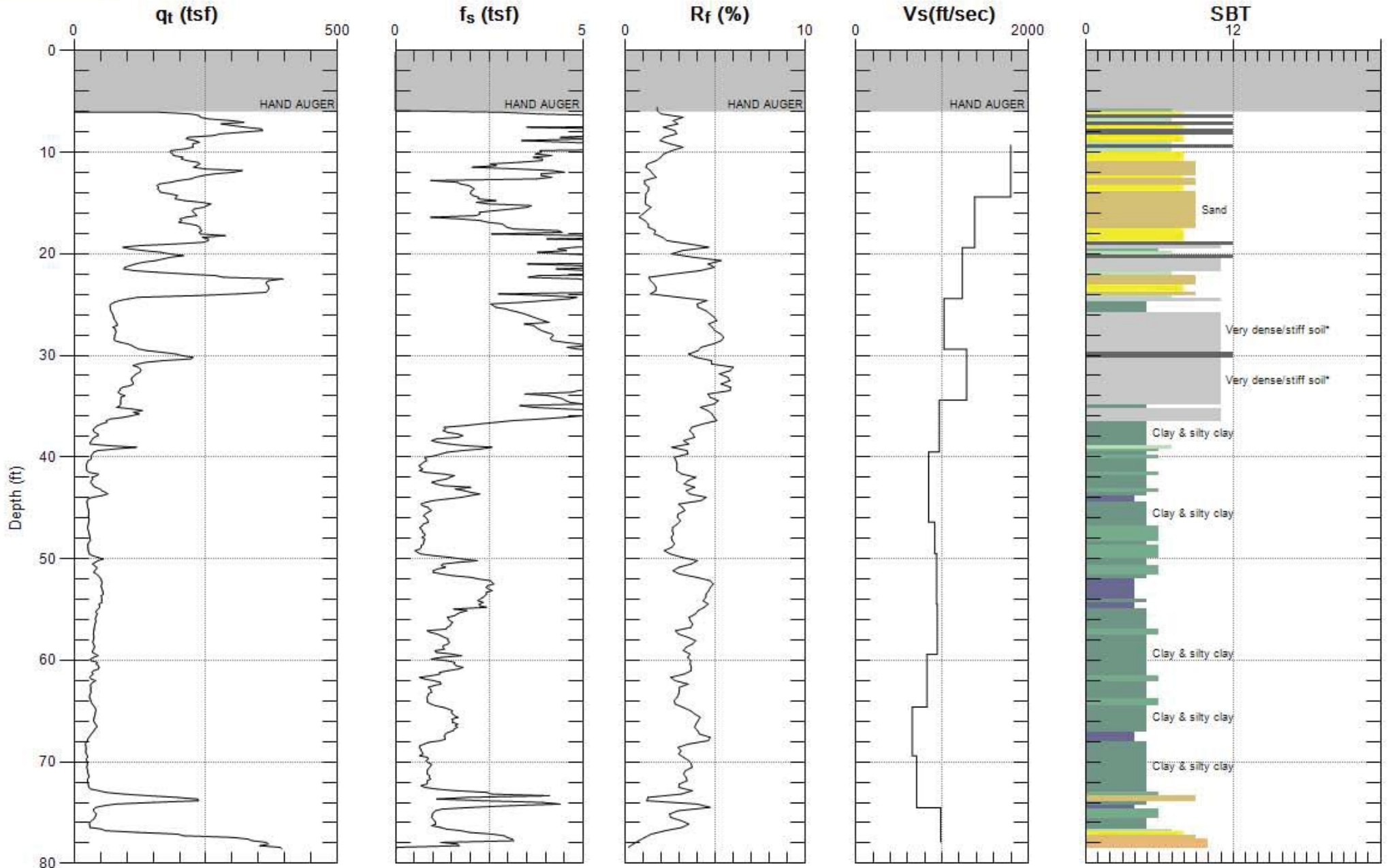
Figure A-4.27



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.28

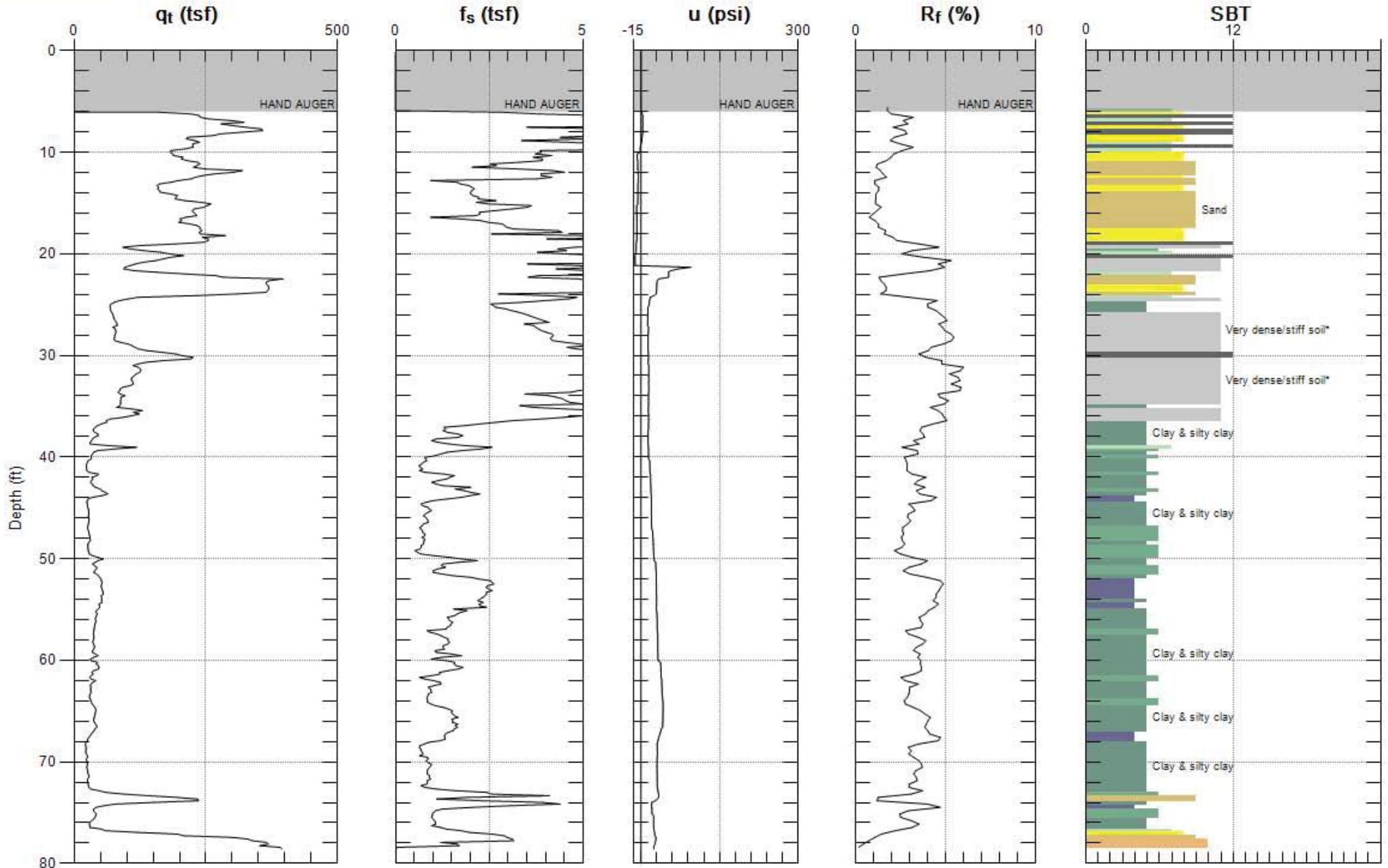
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.29

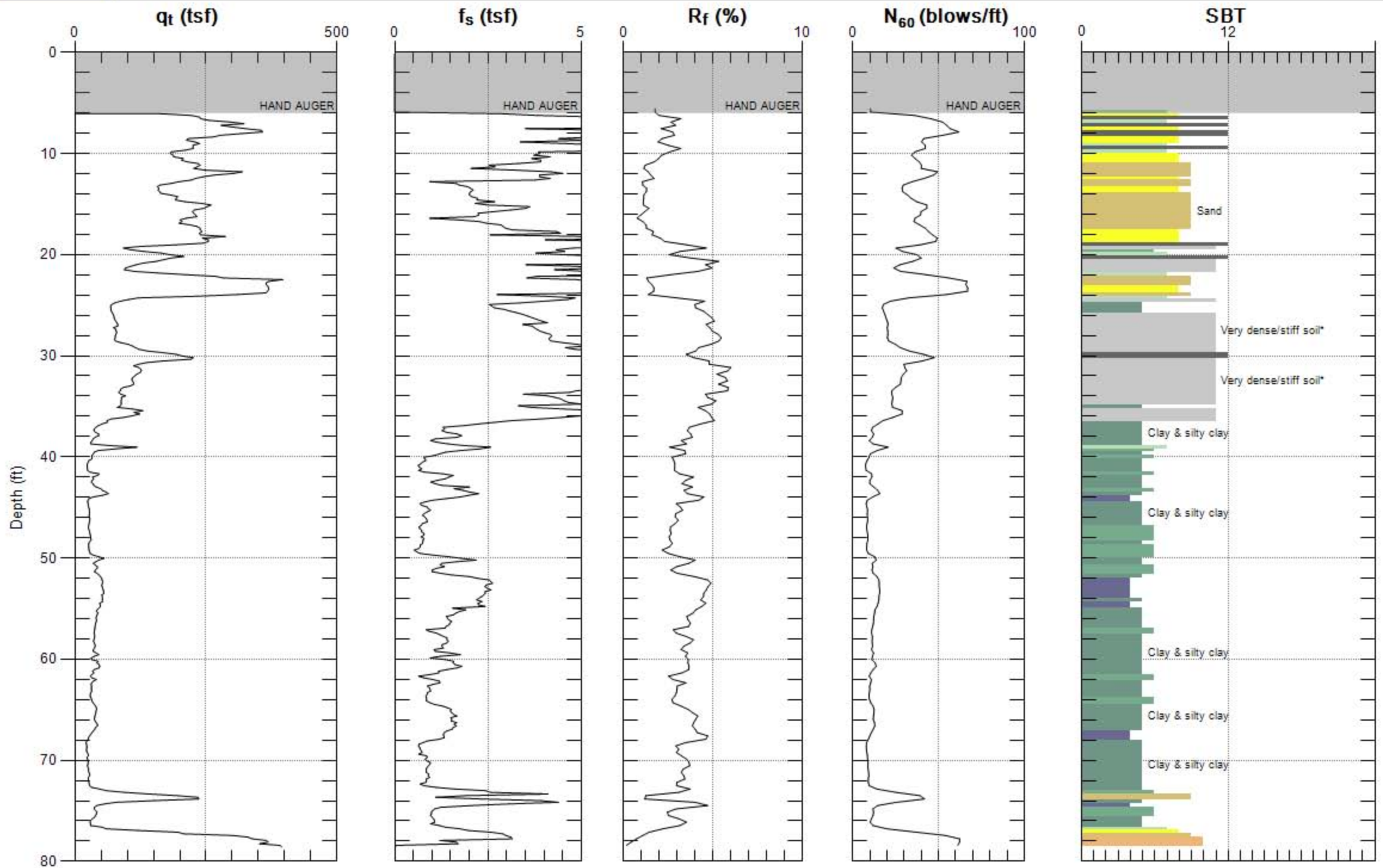
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.30

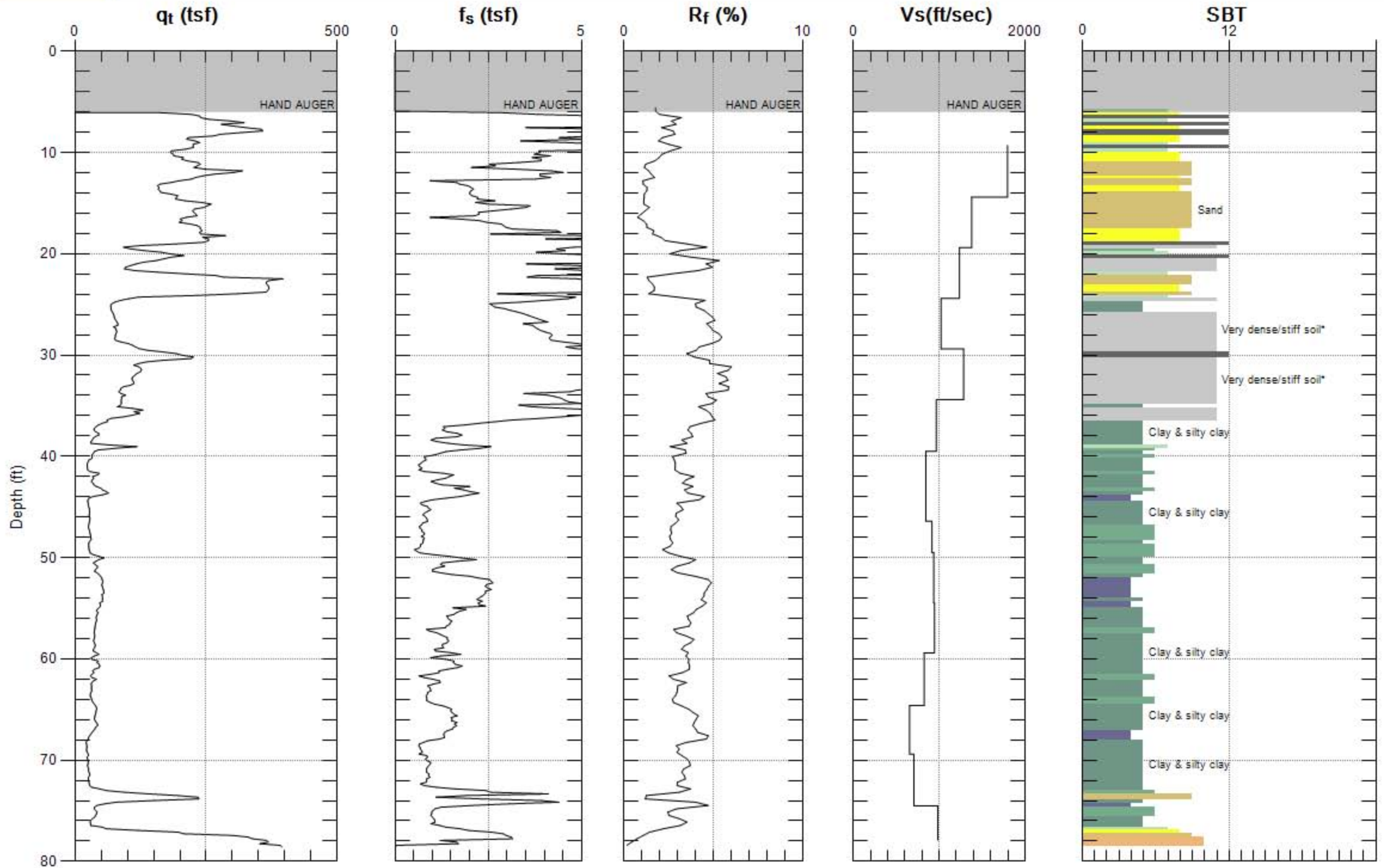
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.31

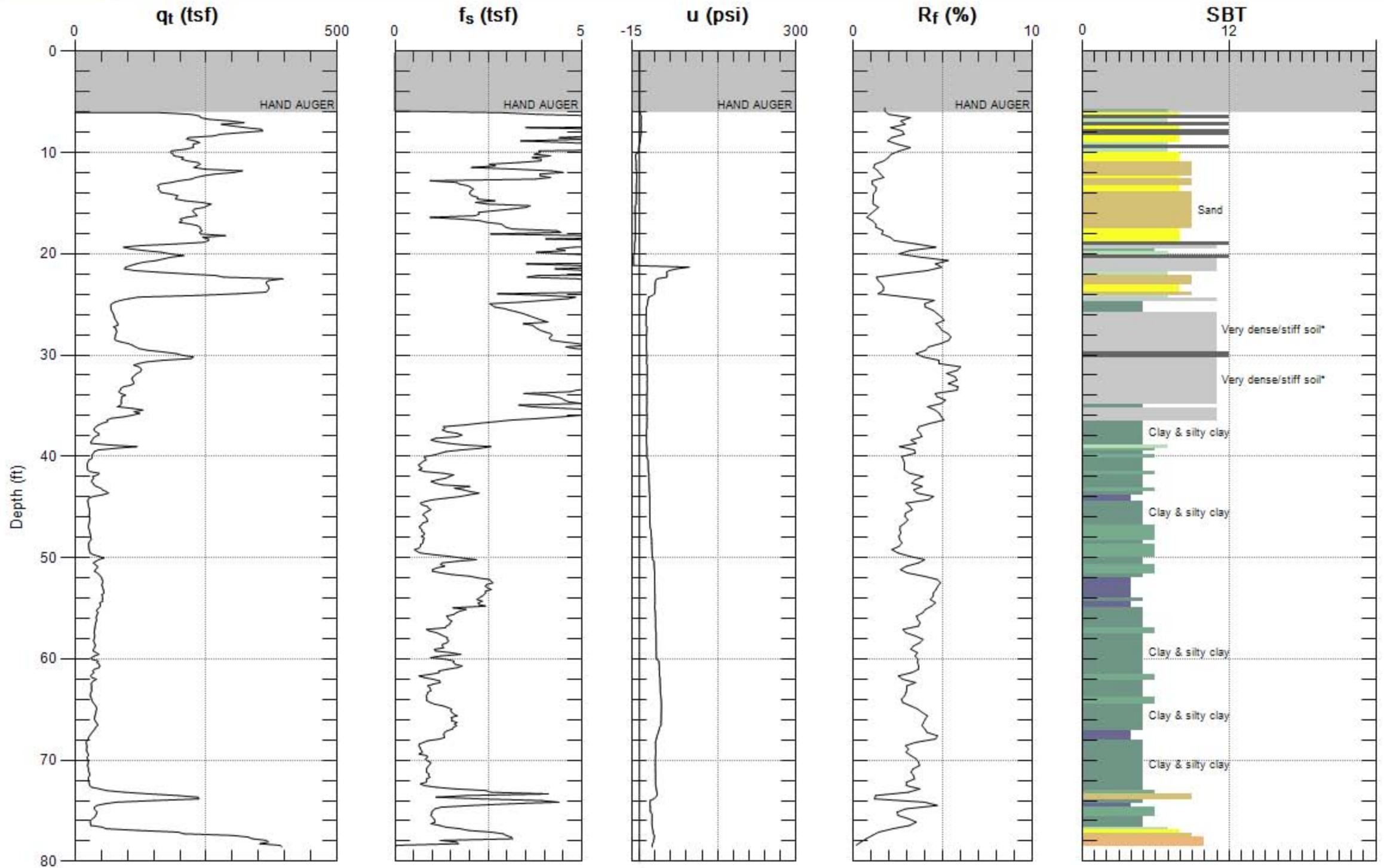
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.32

SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 78.576 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.33

SBT: Soil Behavior Type (Robertson 1990)



CPT Data

Job Number 04.0911-0016 CPT Number C-121
 Operator Daniel Garza Date and Time 28-Jun-2011 09:55:45
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

Hand augered 6'

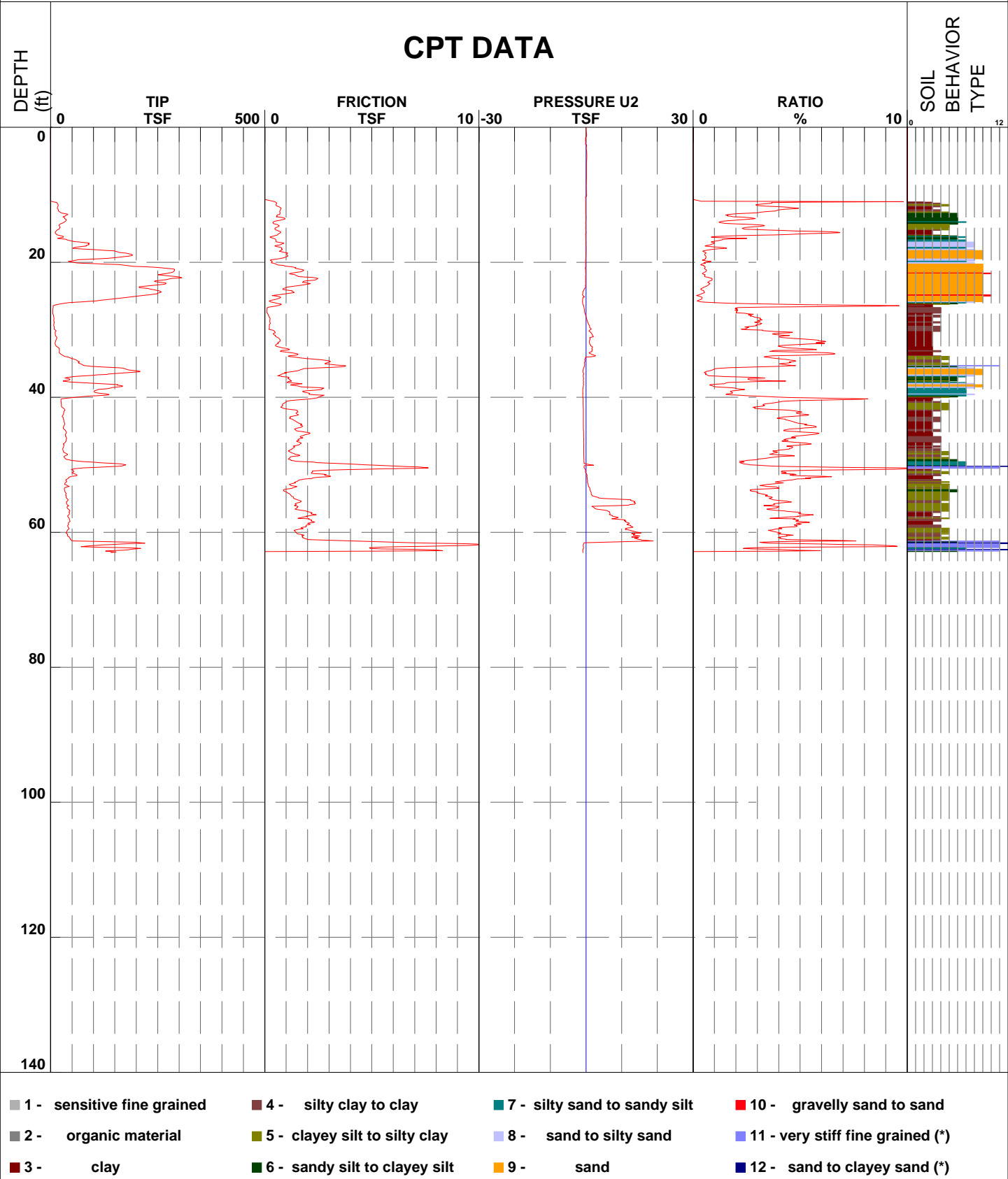
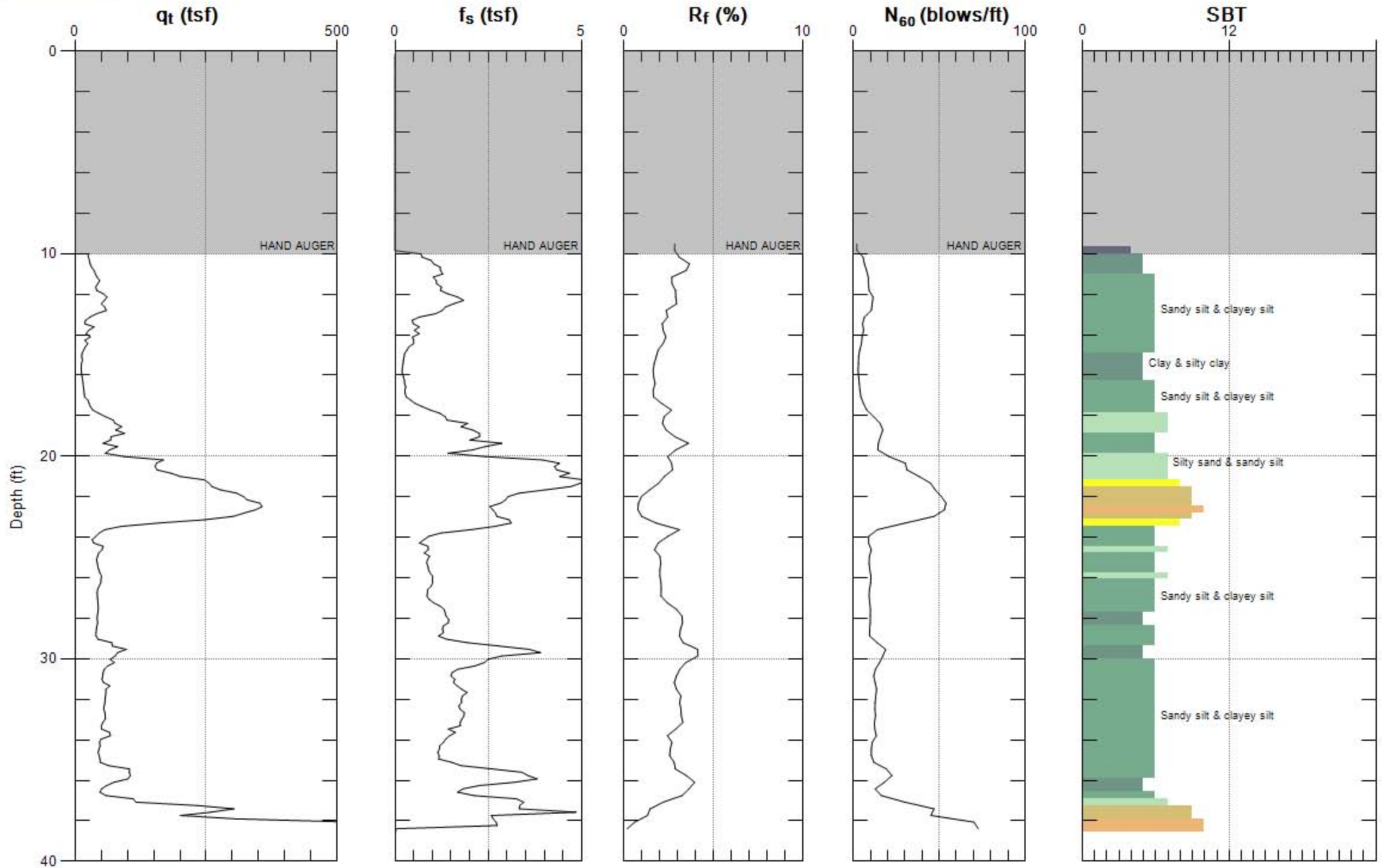


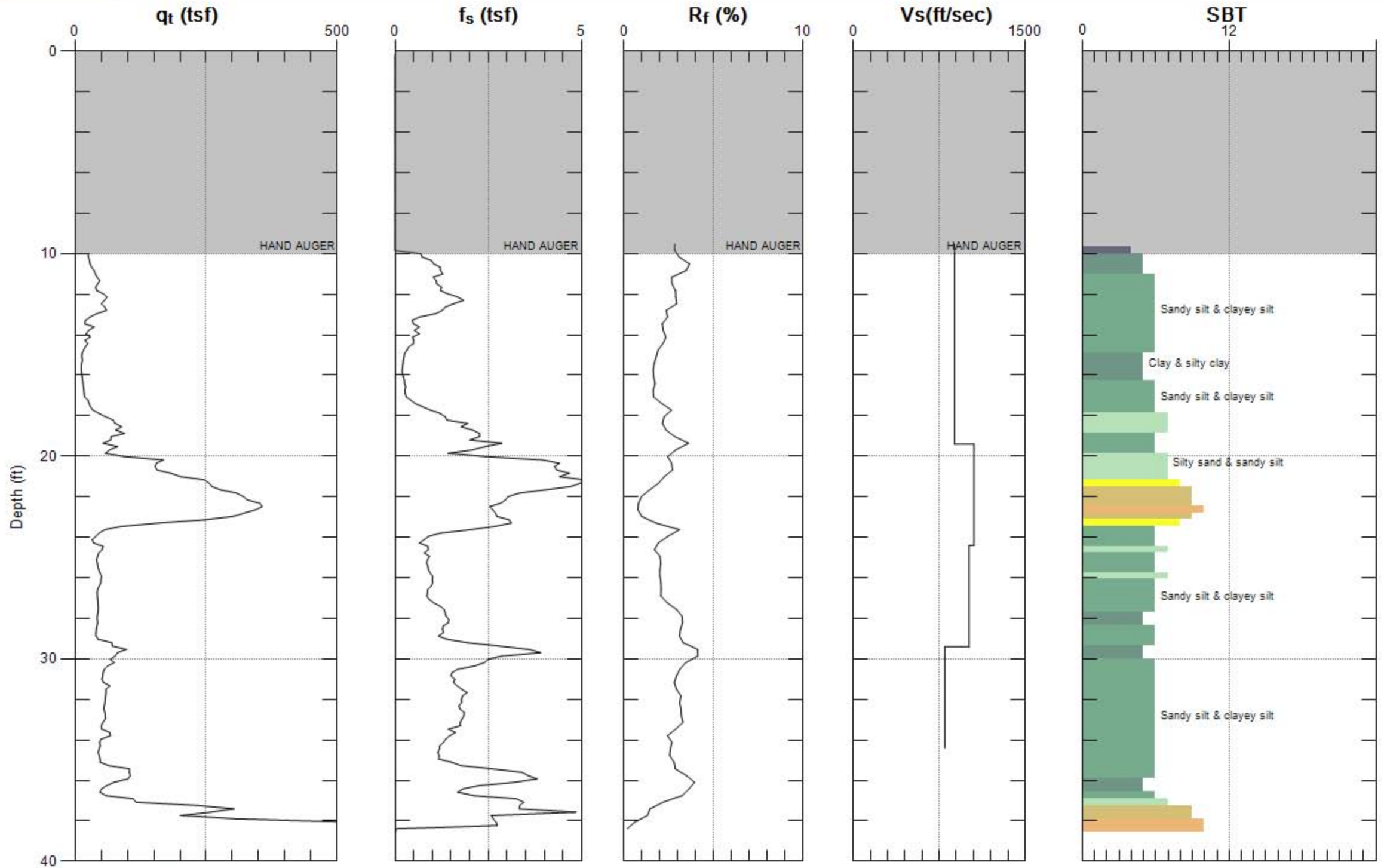
Figure A-4.34



Max. Depth: 38.550 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.35

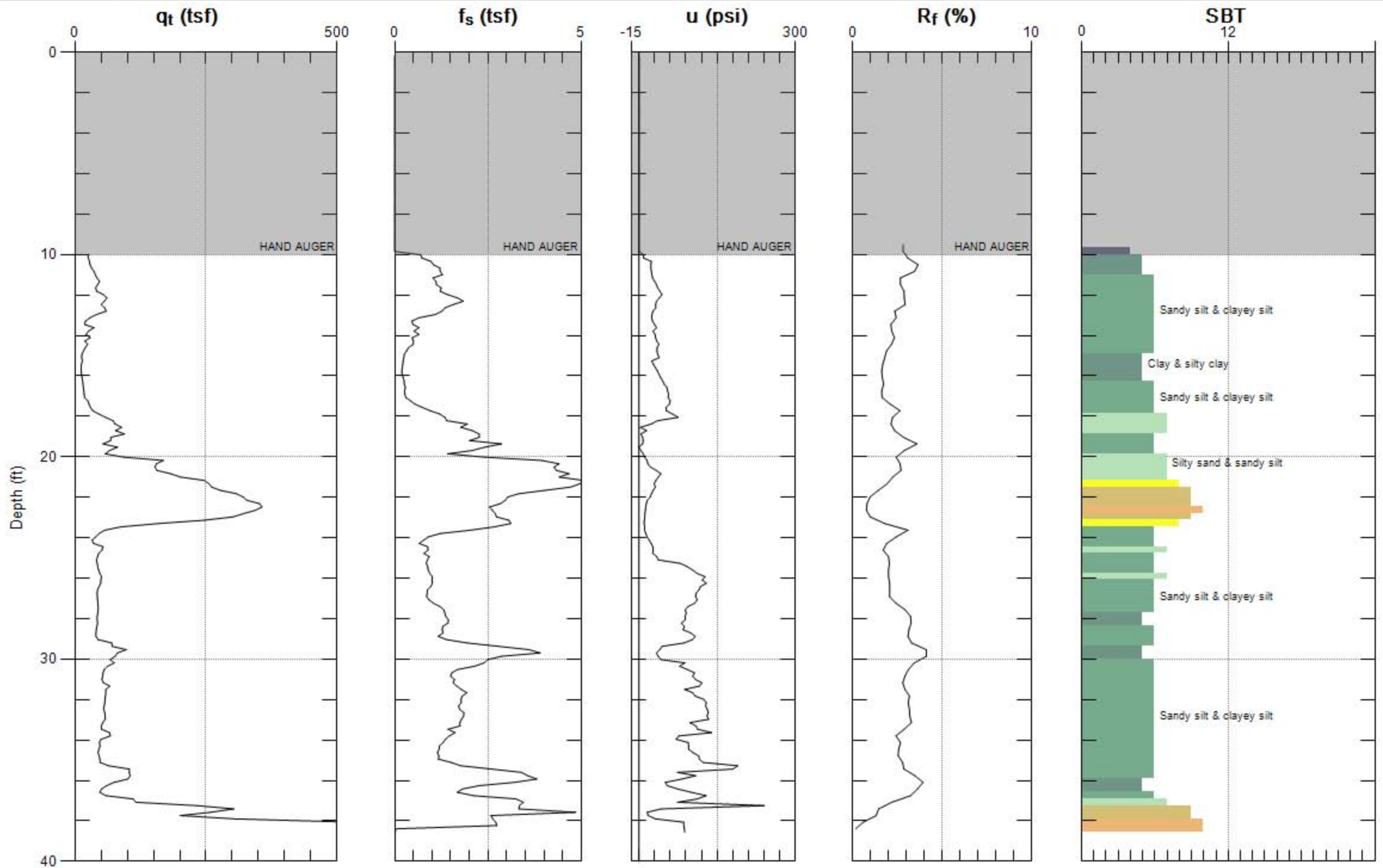
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 38.550 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.36

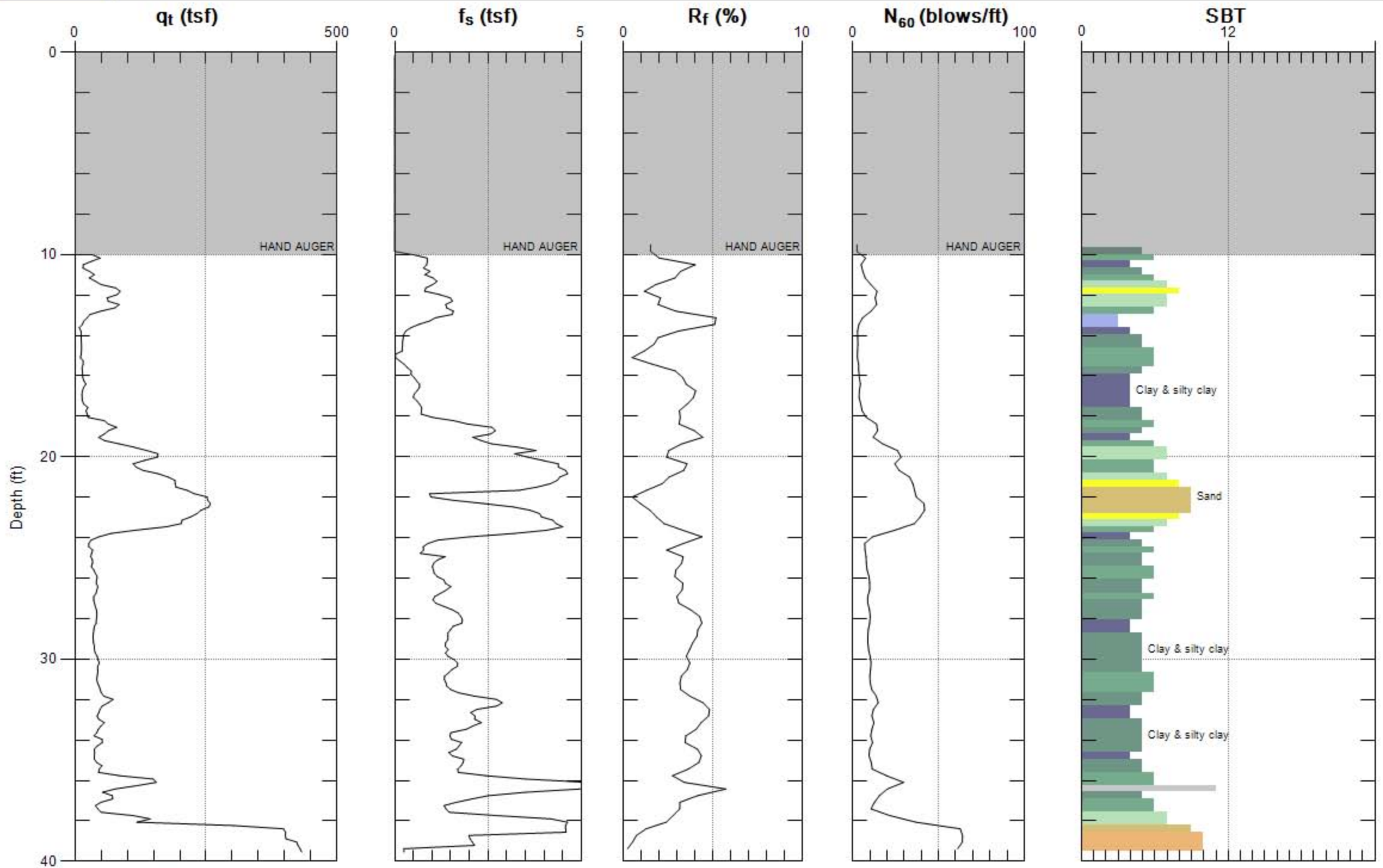
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 38.550 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.37

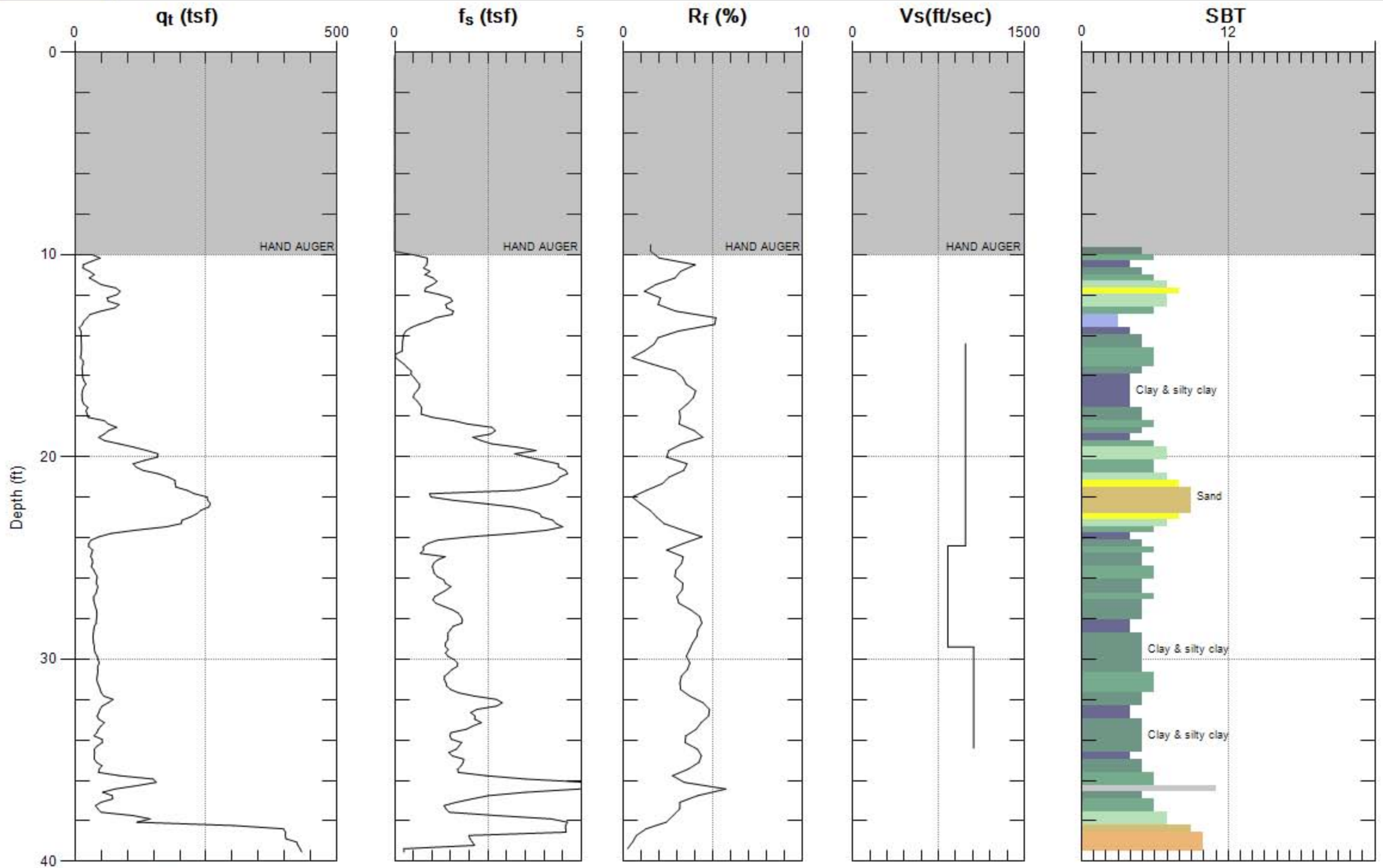
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 39.534 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.38

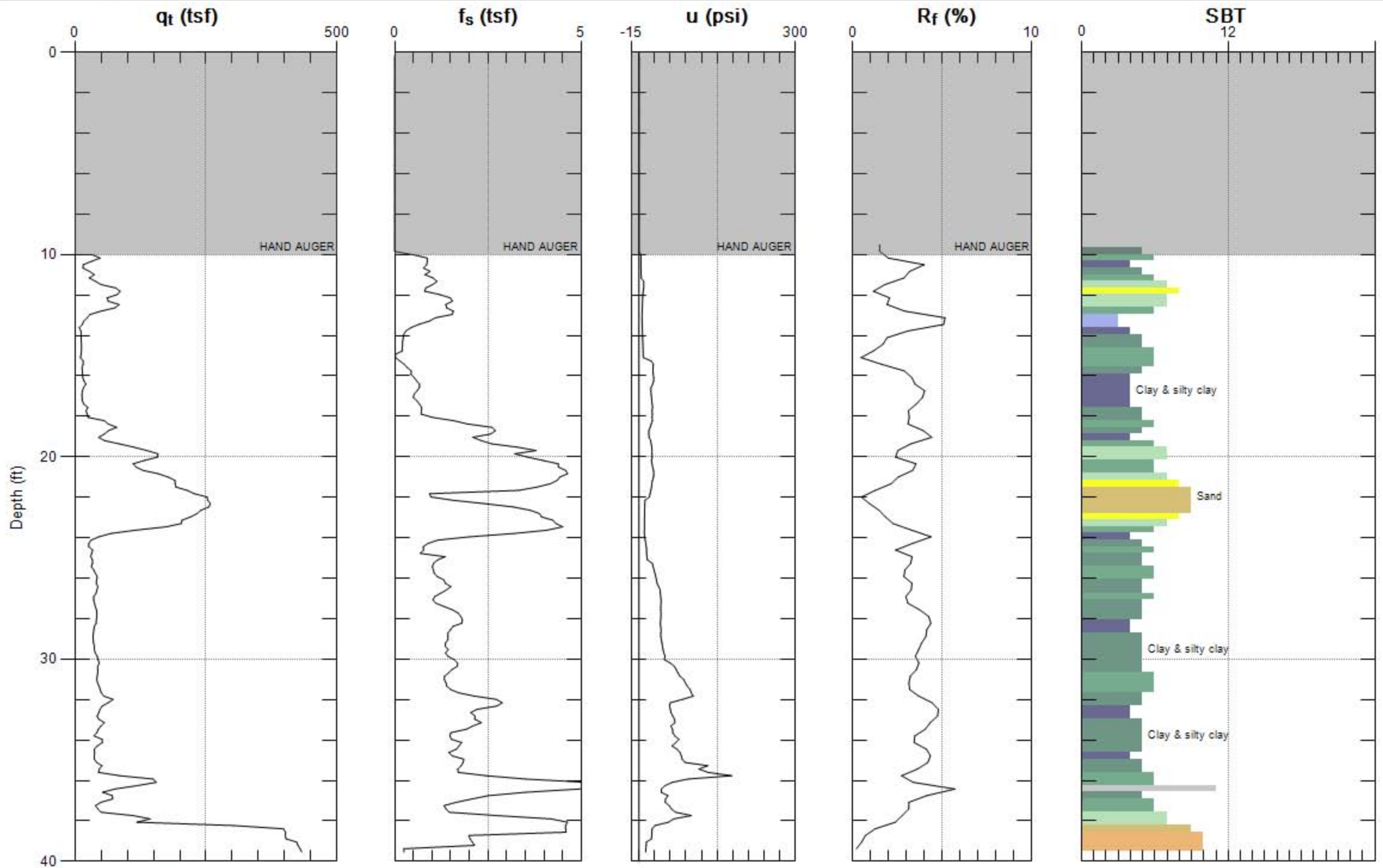
SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 39.534 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.39

SBT: Soil Behavior Type (Robertson 1990)



Max. Depth: 39.534 (ft)
Avg. Interval: 0.328 (ft)

Figure A-4.40

SBT: Soil Behavior Type (Robertson 1990)



CPT Data

Job Number 04.0911-0016 CPT Number C-124
 Operator Daniel Garza Date and Time 04-Jun-2011 07:56:50
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

Hand augered 6

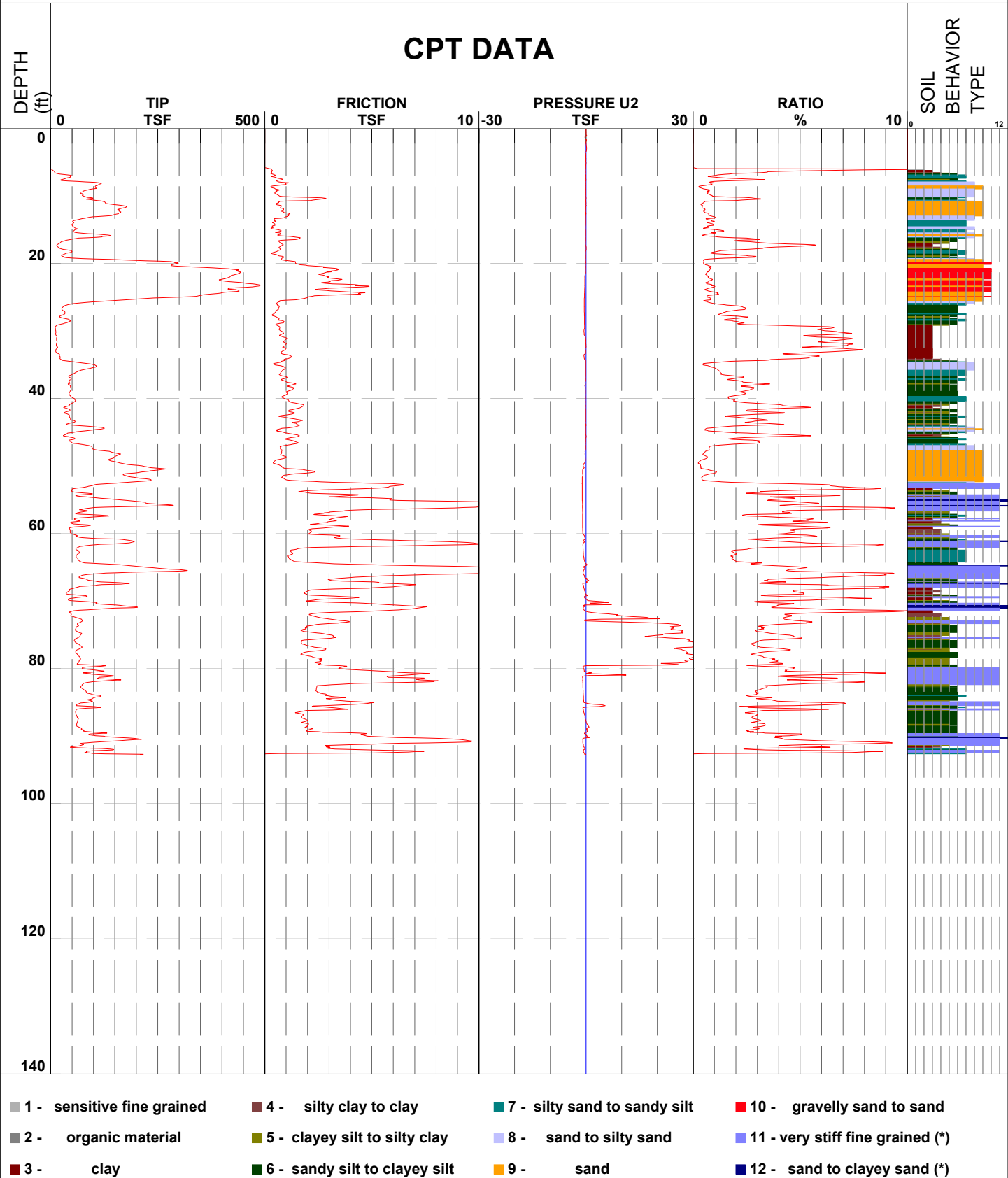


Figure A-4.41

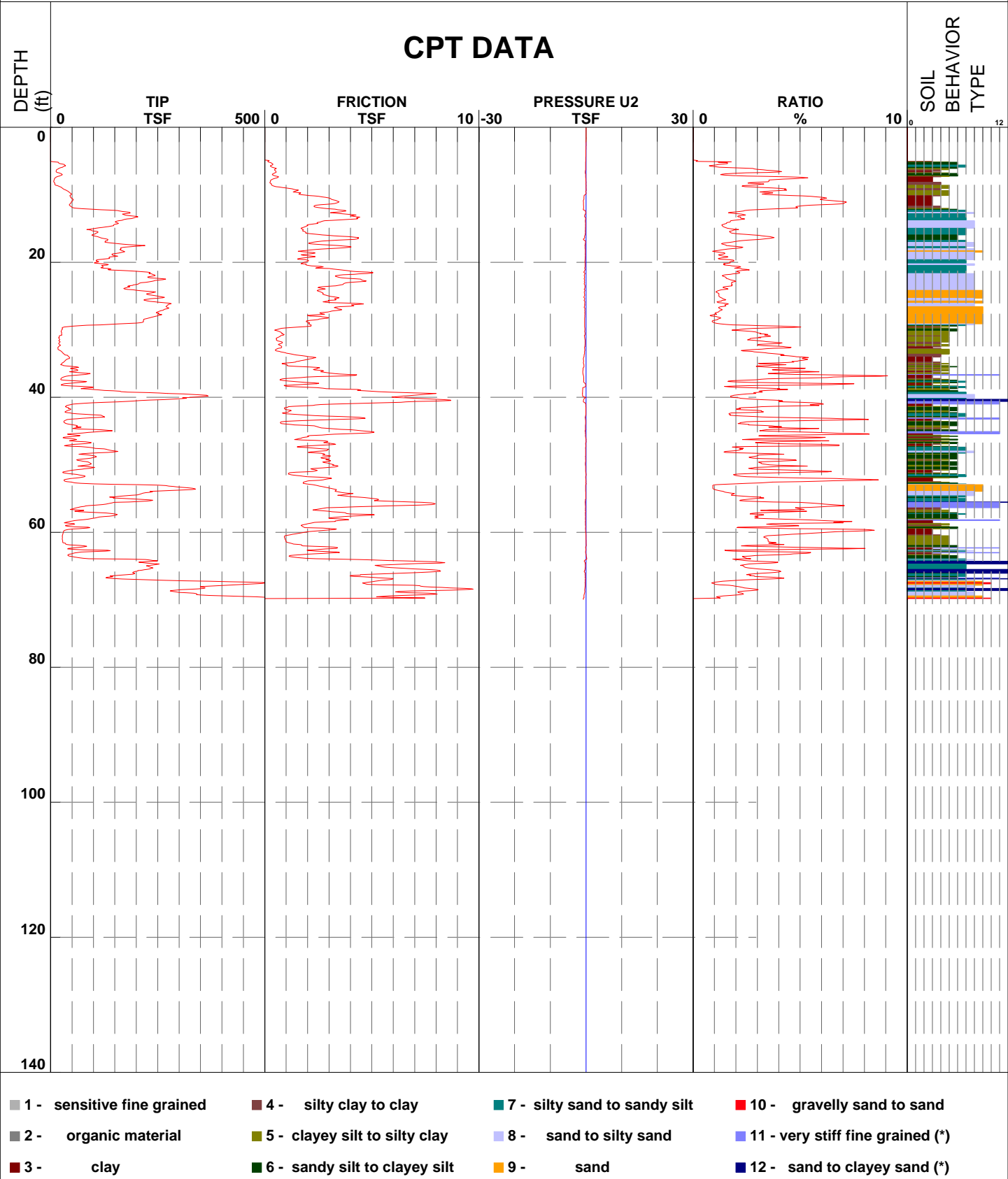


CPT Data

Job Number 04.0911-0016 CPT Number C-127
 Operator Daniel Garza Date and Time 23-Jun-2011 08:18:10
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

Hand augered 5'



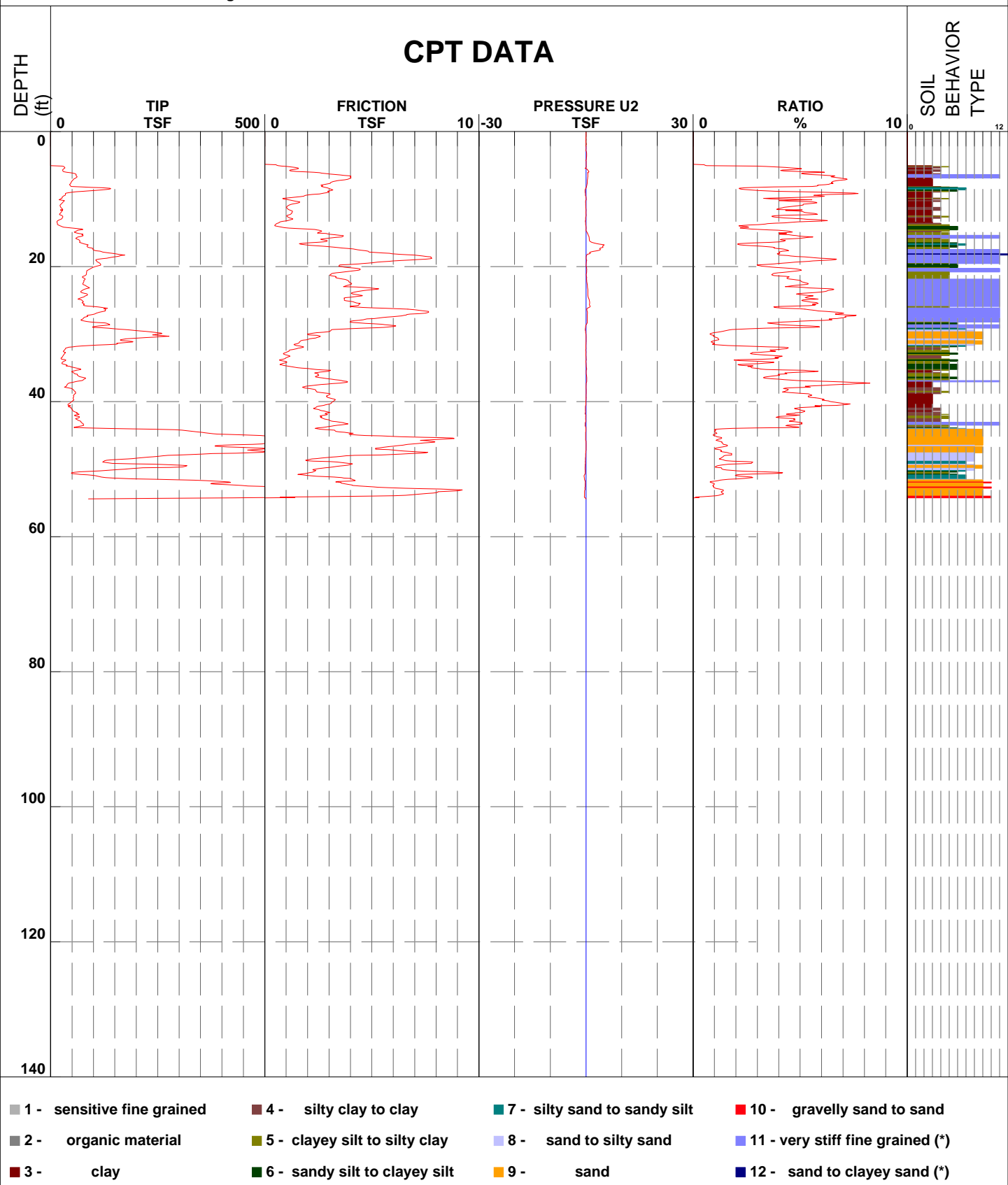


CPT Data

Job Number 04.0911-0016 CPT Number C-128
 Operator Daniel Garza Date and Time 23-Jun-2011 12:03:01
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

Hand augered 5'





CPT Data

Job Number 04.0911-0016 CPT Number C-128A
 Operator Daniel Garza Date and Time 23-Jun-2011 14:44:01
 Client MACTEC

Location W. Ext. Los Angeles-CA
 Cone Number F7.5CKE2HAW21636

Hand augered 5'

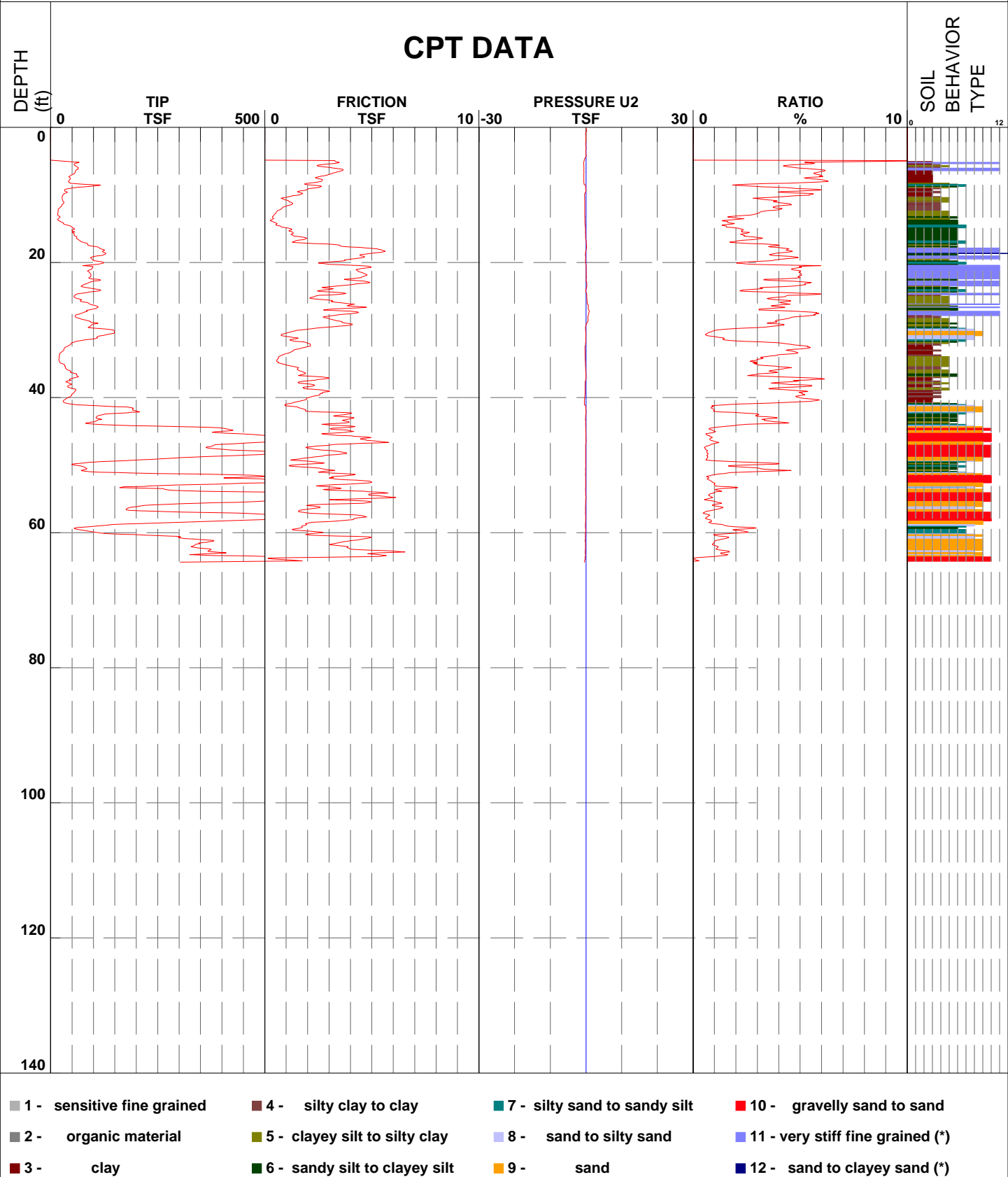


Figure A-4.44

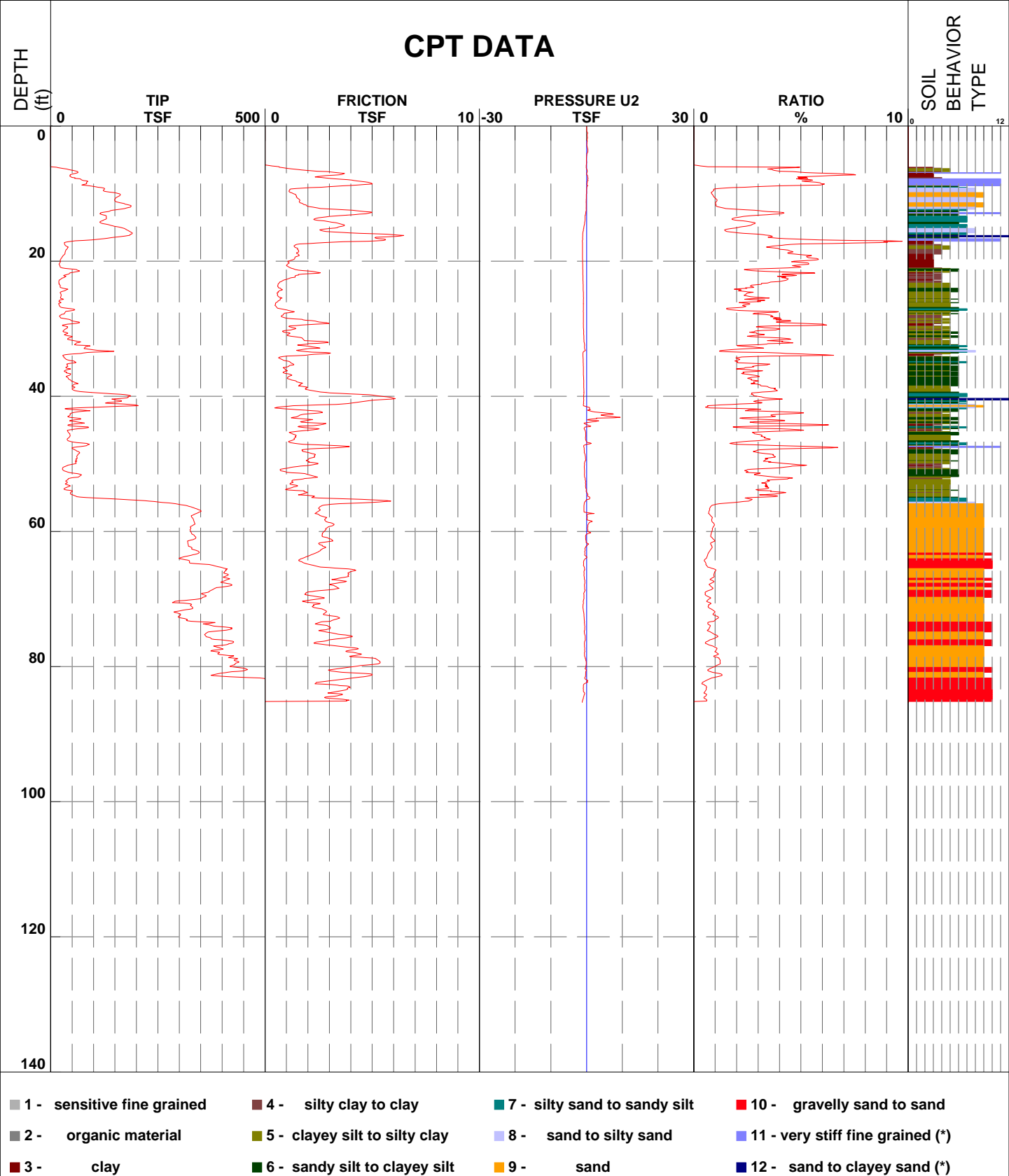


CPT Data

Job Number 04.0911-0016 CPT Number CB-101
 Operator Daniel Garza Date and Time 06-Jun-2011 10:19:53
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Numl F7.5CKE2HA3SW2/B 1645

Hand augered 6'



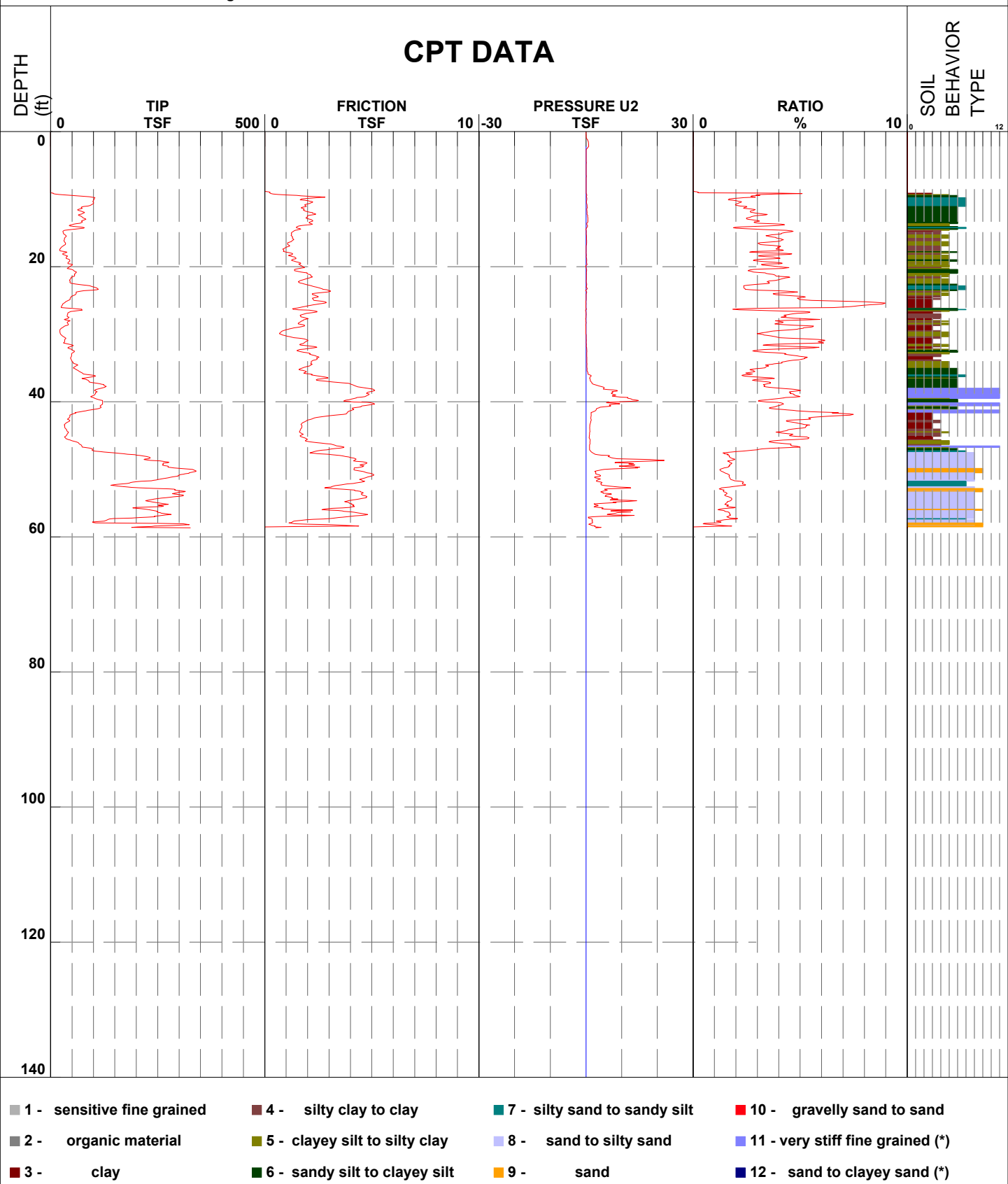


CPT Data

Job Number 04.0911-0016 CPT Number CB-102
 Operator Daniel Garza Date and Time 15-Jun-2011 13:27:47
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

Hand augered 9'



- | | | | |
|----------------------------|-------------------------------|------------------------------|----------------------------------|
| 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 (*) |

Figure A-4.46



CPT Data

Job Number 04.0911-0016

CPT Number CB-103

Location W. Subway Ext. Los Angeles-CA

Operator Rick Norris

Date and Time 17-Jun-2011 09:43:37

Cone Number F7.5CKE2HA3S1645

Client _____

MACTEC _____

Hand augered 6'

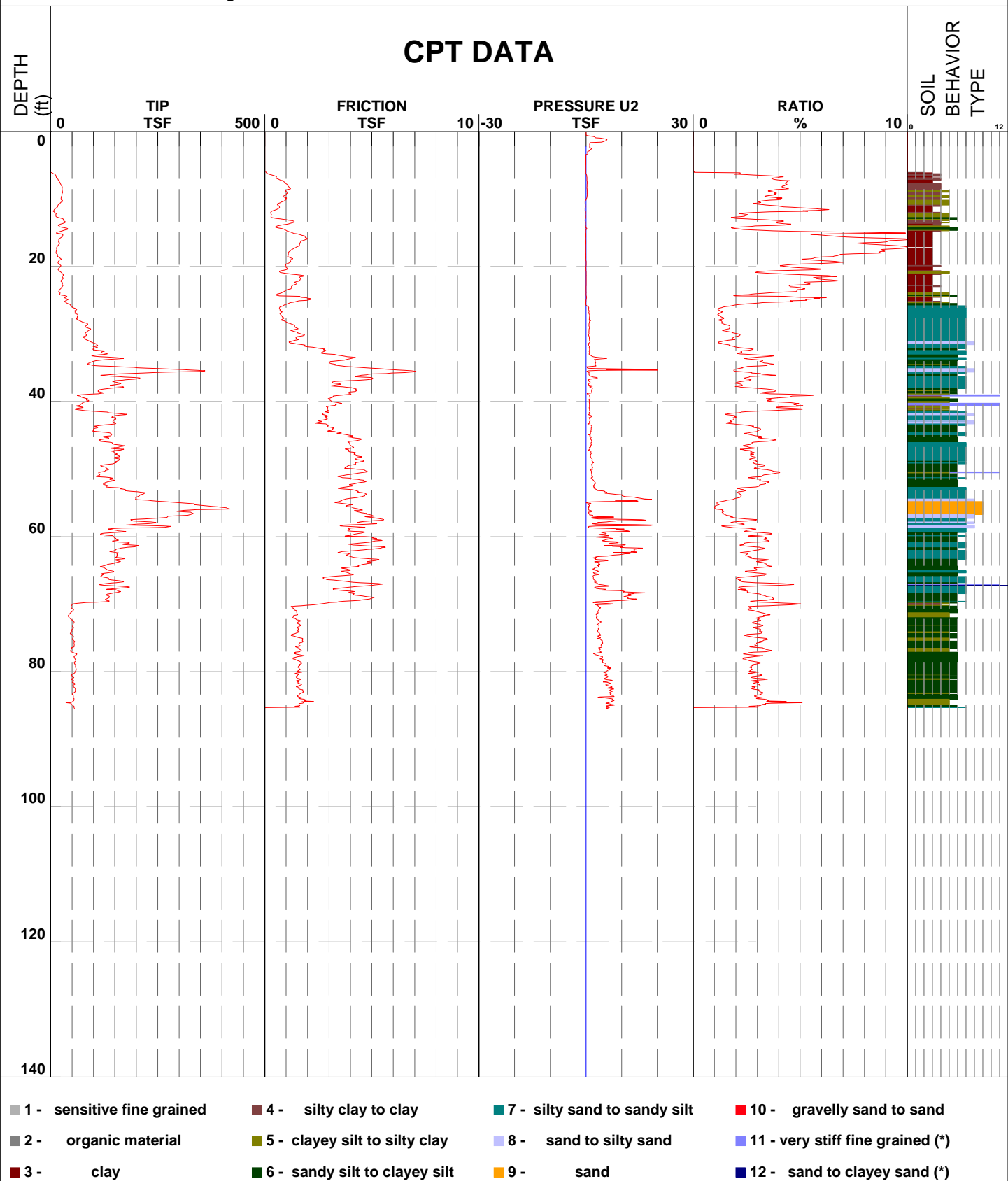


Figure A-4.47

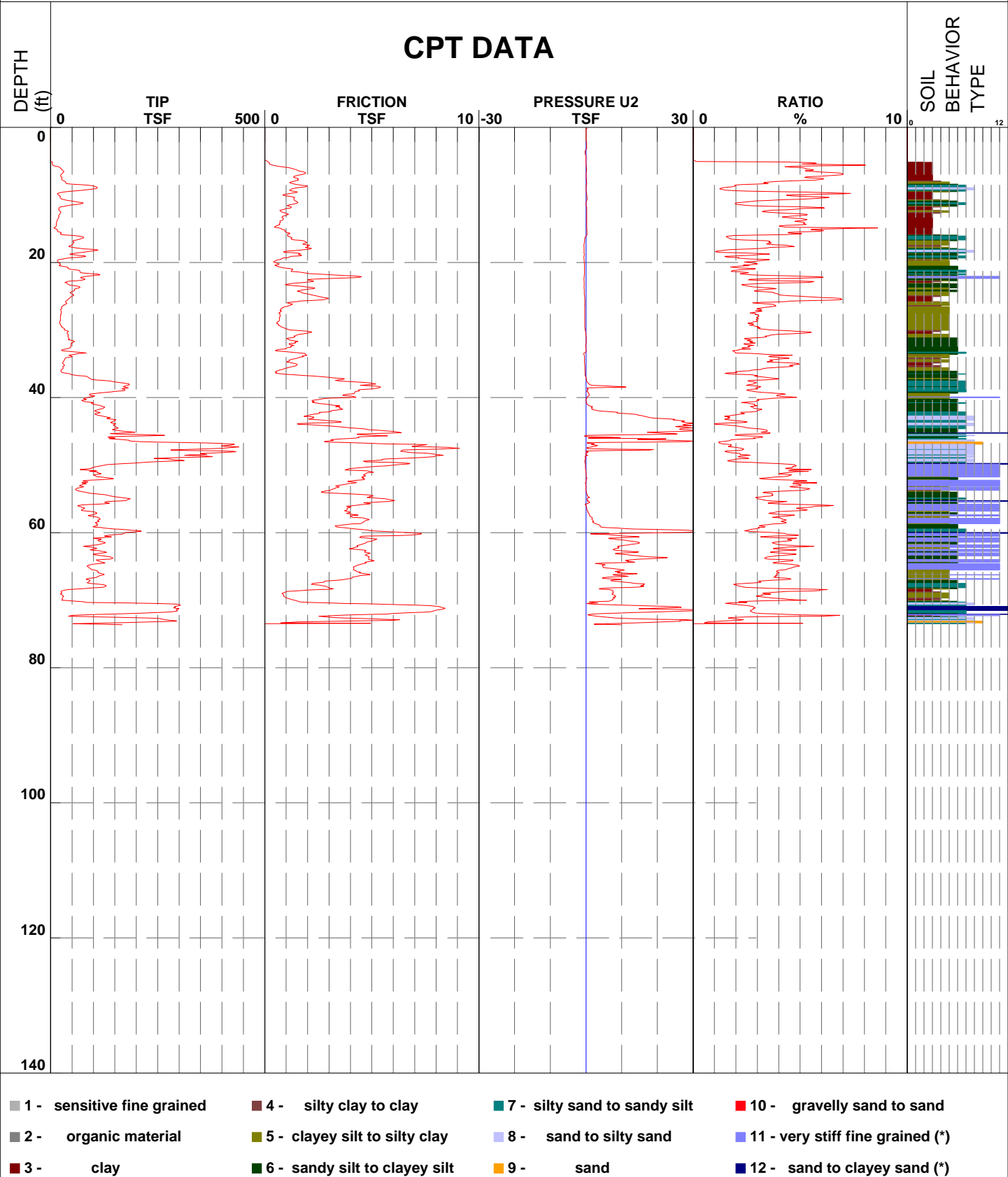


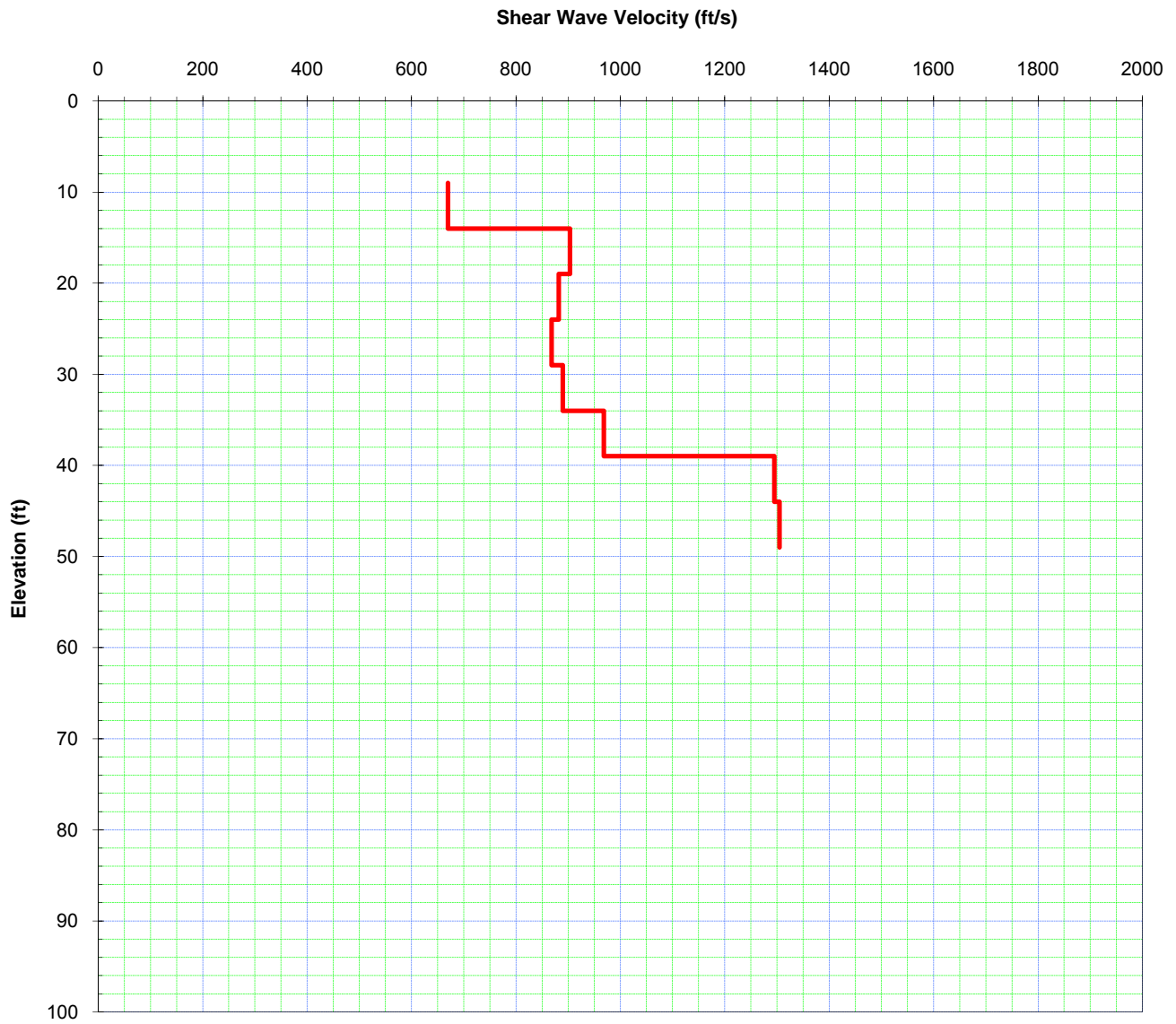
CPT Data

Job Number 04.0911-0016 CPT Number CB-104
 Operator Daniel Garza Date and Time 21-Jun-2011 12:55:22
 Client MACTEC

Location W. Subway Ext. Los Angeles-CA
 Cone Number F7.5CKE2HA3S1645

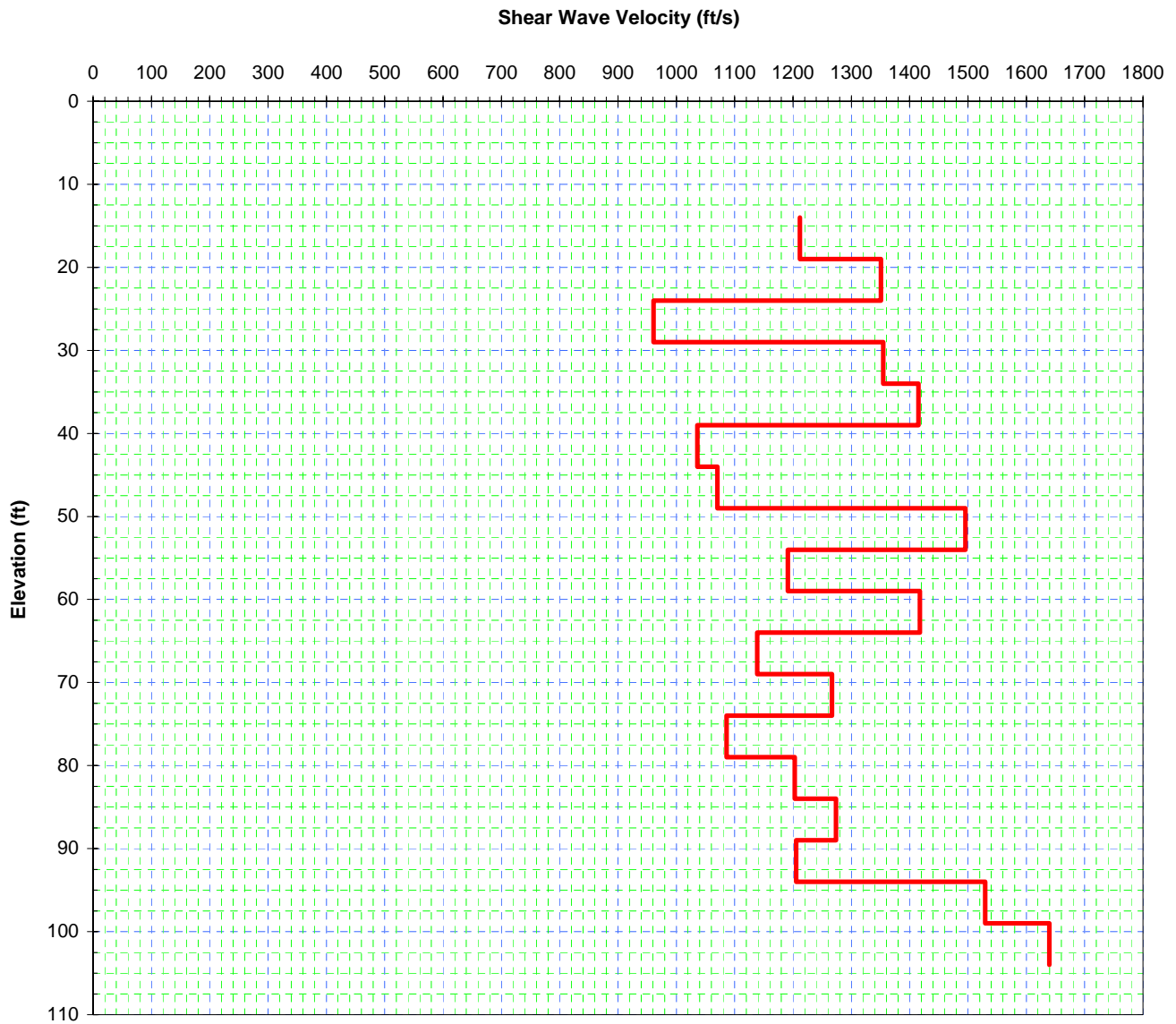
Hand augered 5'





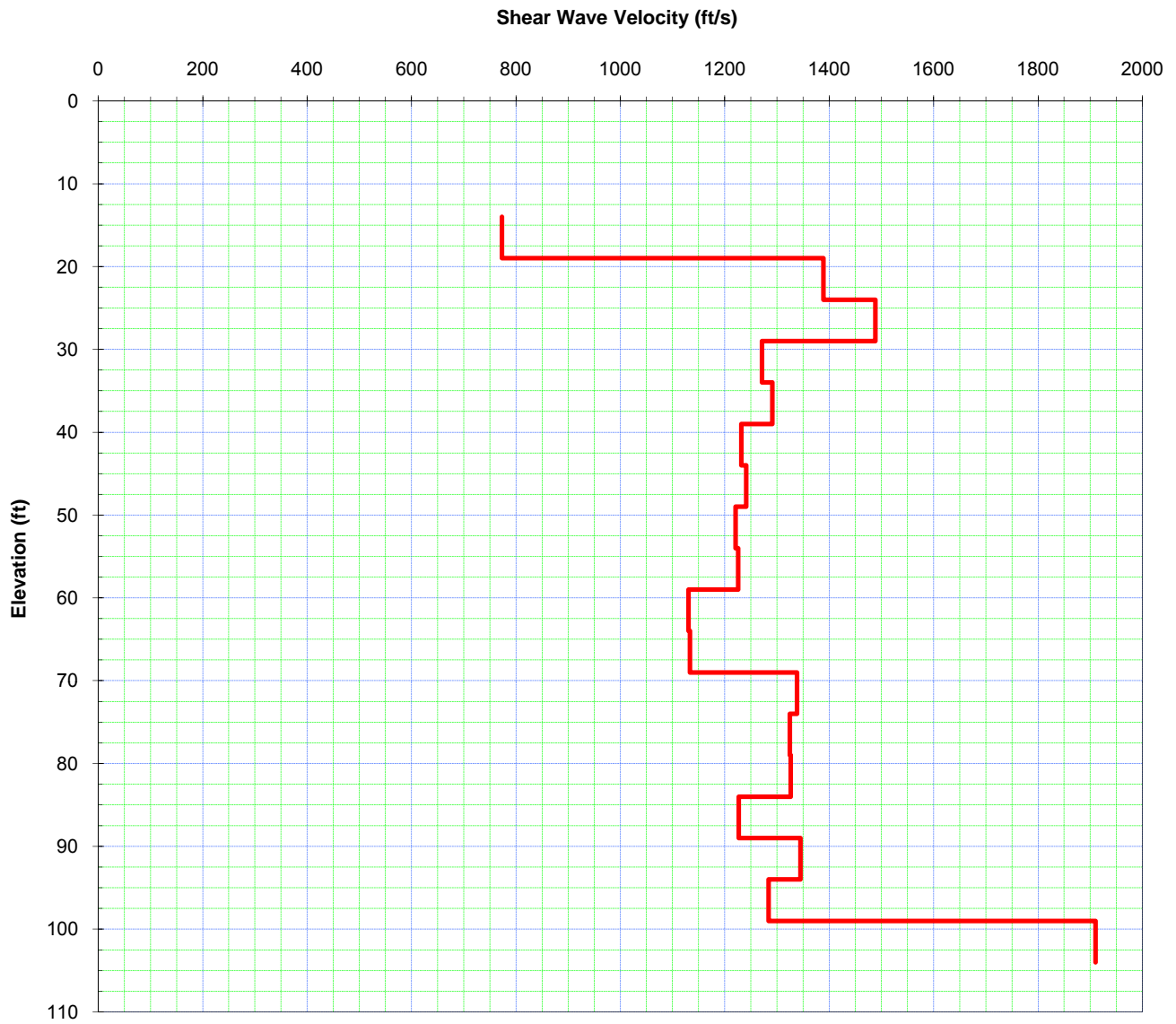
SEISMIC CONE PENETRATION TEST RESULTS - C-101
Wilshire Blvd.
MACTEC





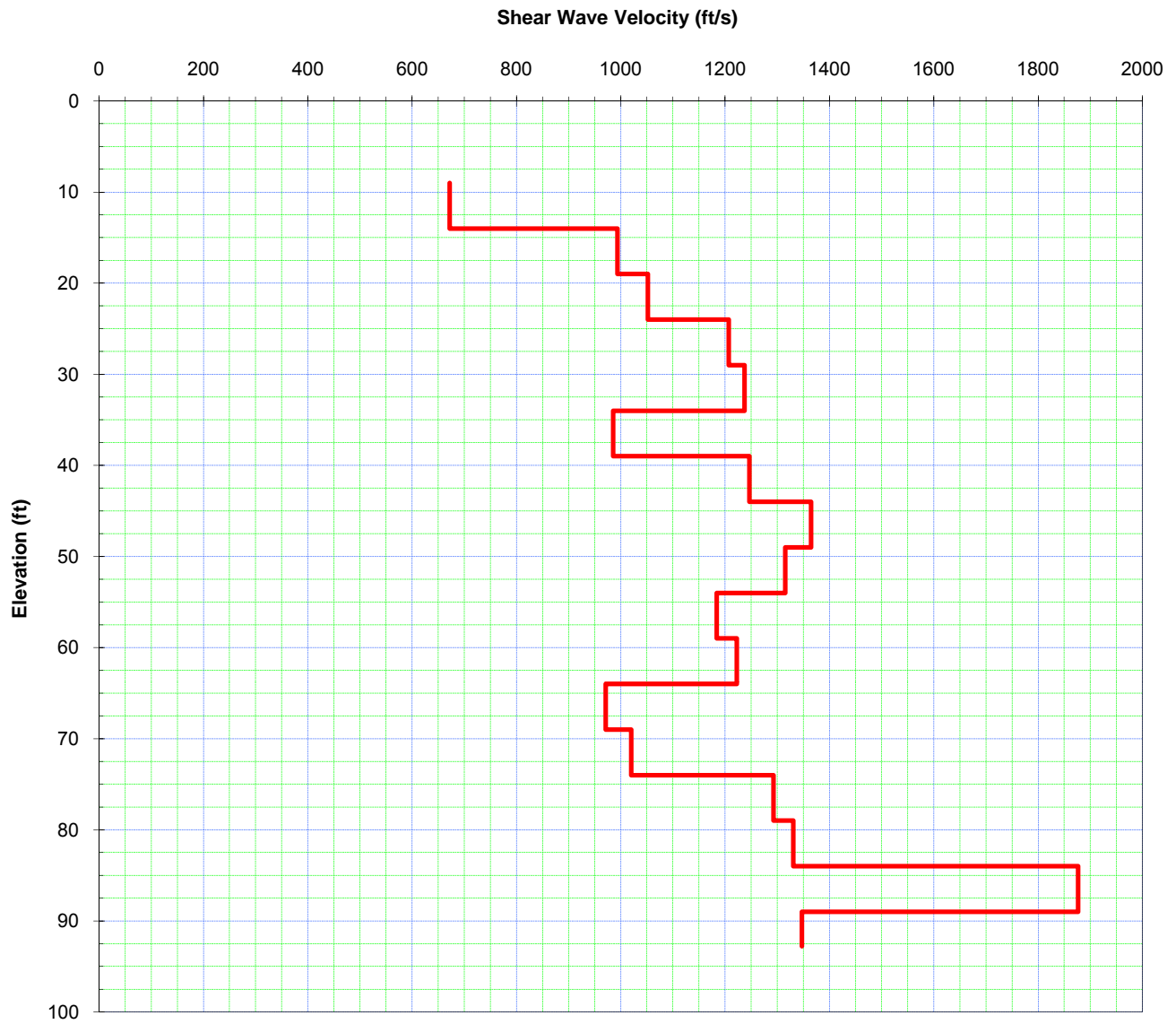
SEISMIC CONE PENETRATION TEST RESULTS - C-105
Wilshire Blvd.
MACTEC





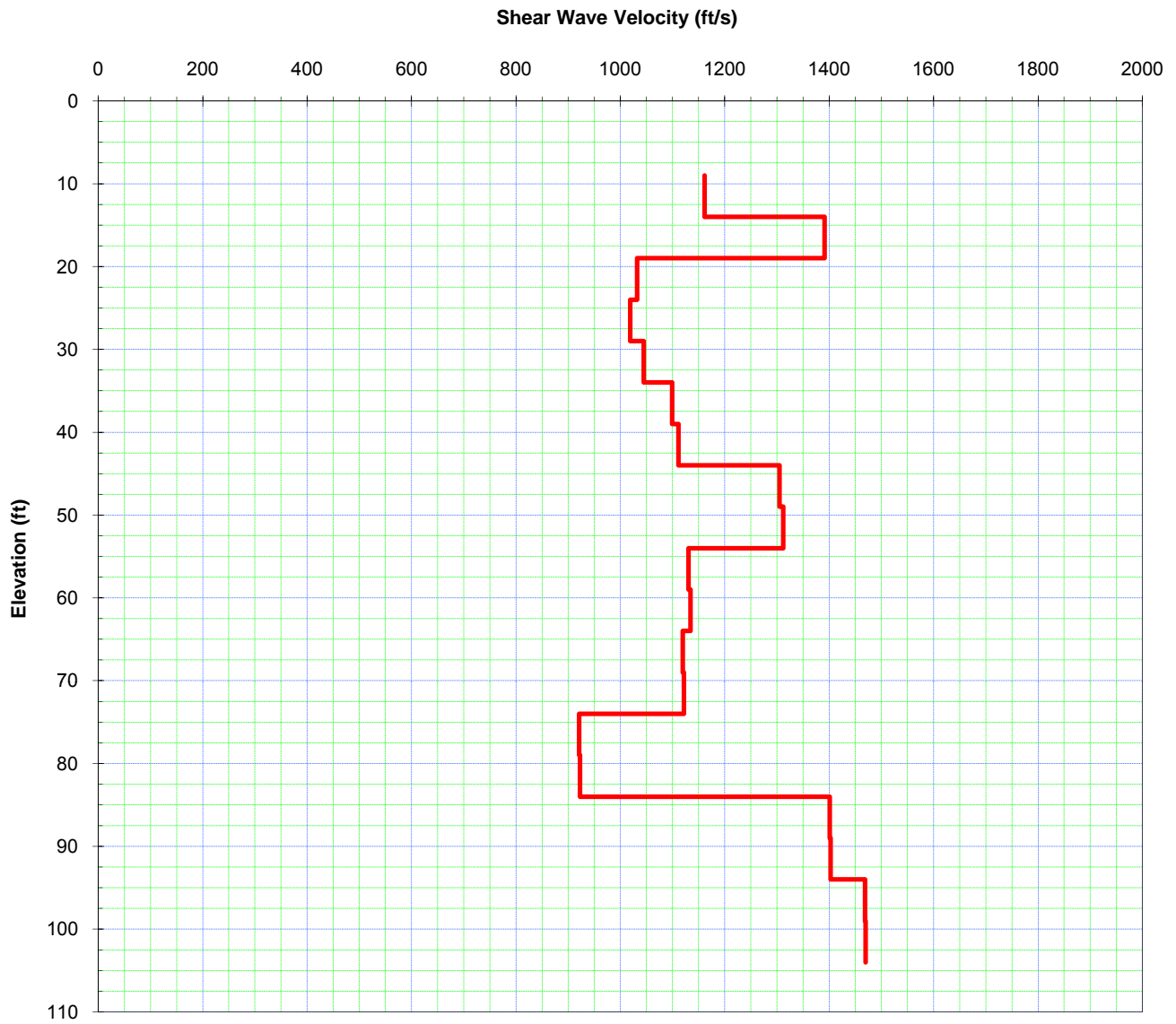
SEISMIC CONE PENETRATION TEST RESULTS - C-106
Wilshire Blvd.
MACTEC





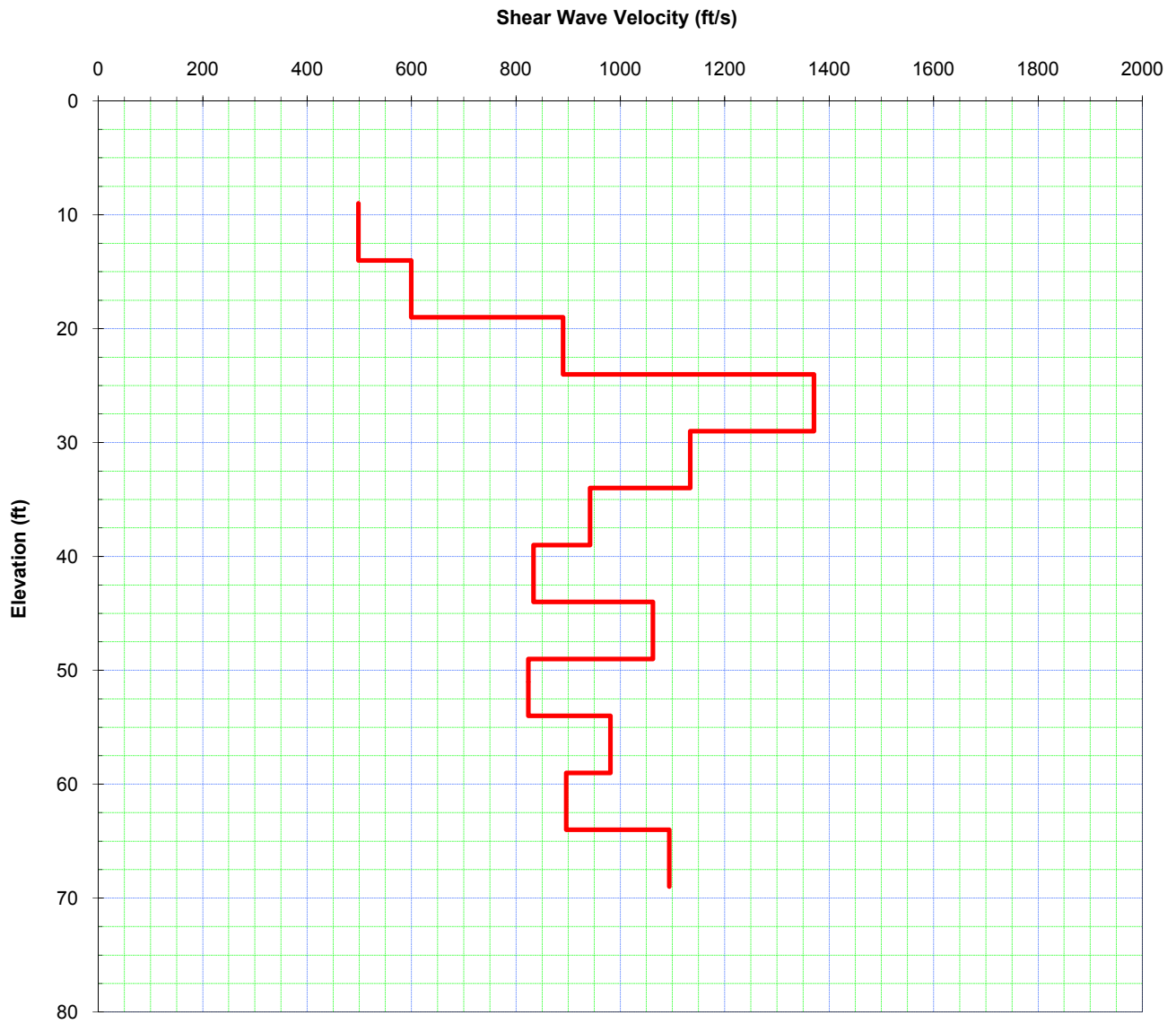
SEISMIC CONE PENETRATION TEST RESULTS - C-107
Wilshire Blvd.
MACTEC





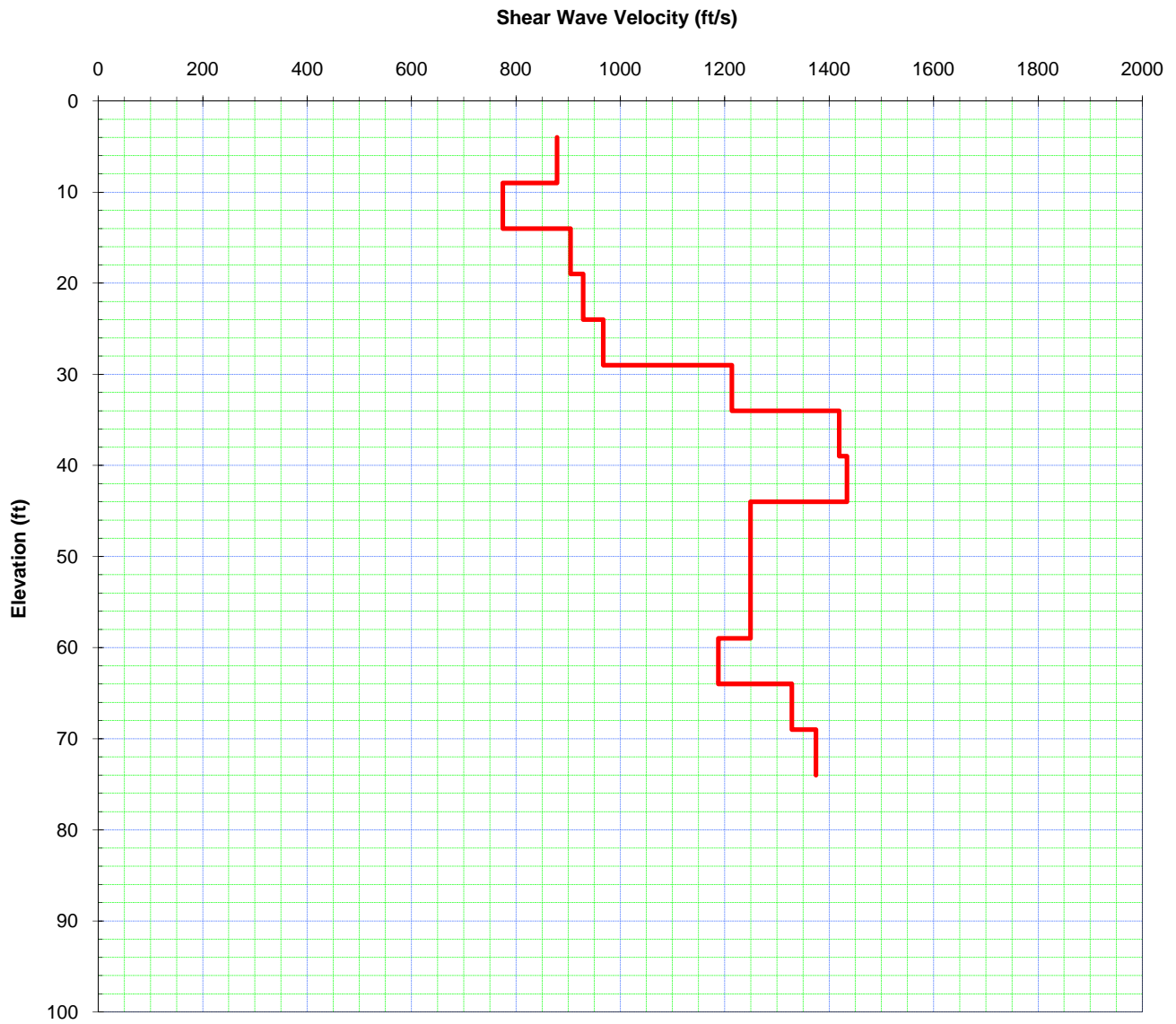
SEISMIC CONE PENETRATION TEST RESULTS - C-108
Wilshire Blvd.
MACTEC





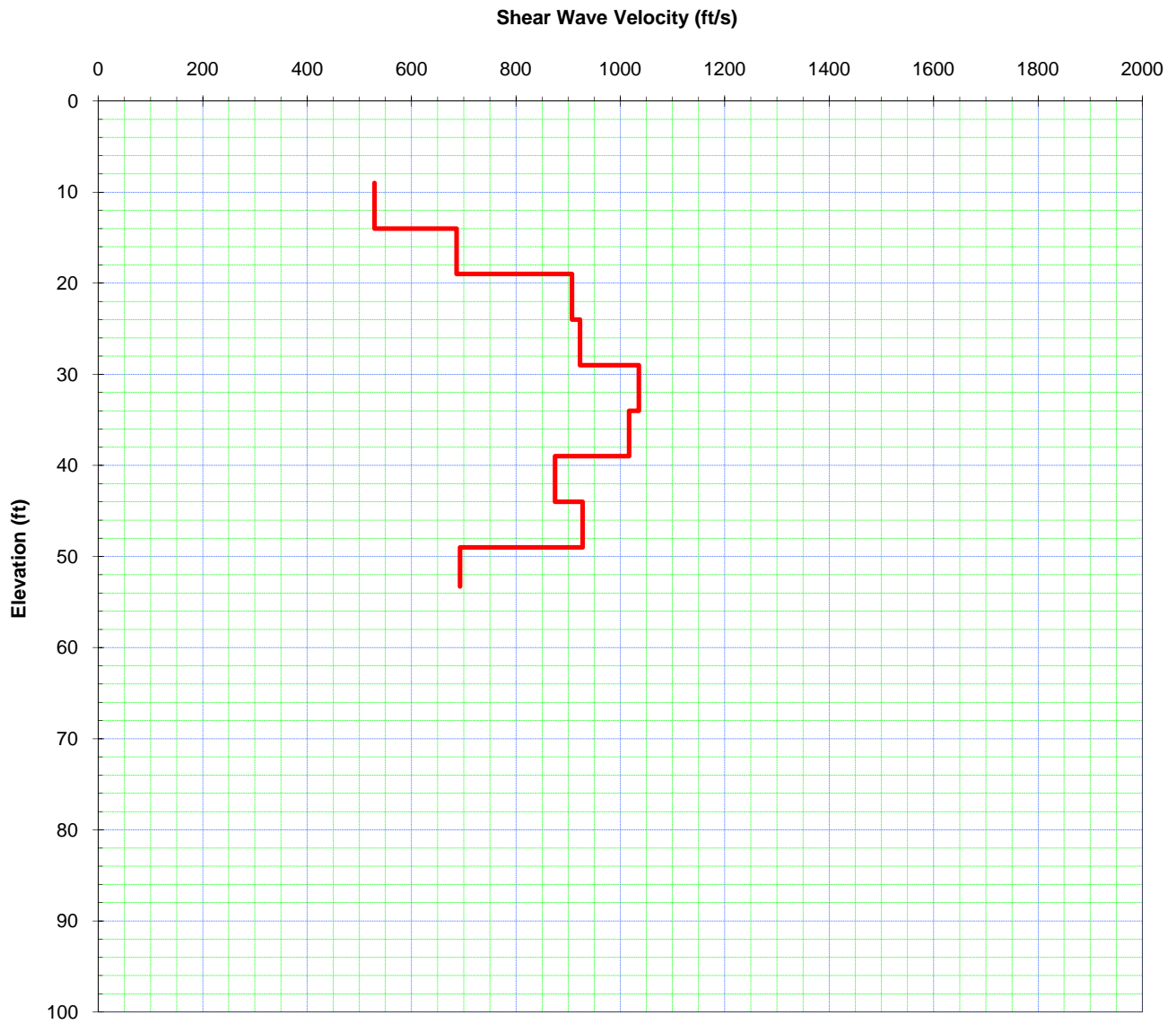
SEISMIC CONE PENETRATION TEST RESULTS - C-109A G-111
Wilshire Blvd.
MACTEC





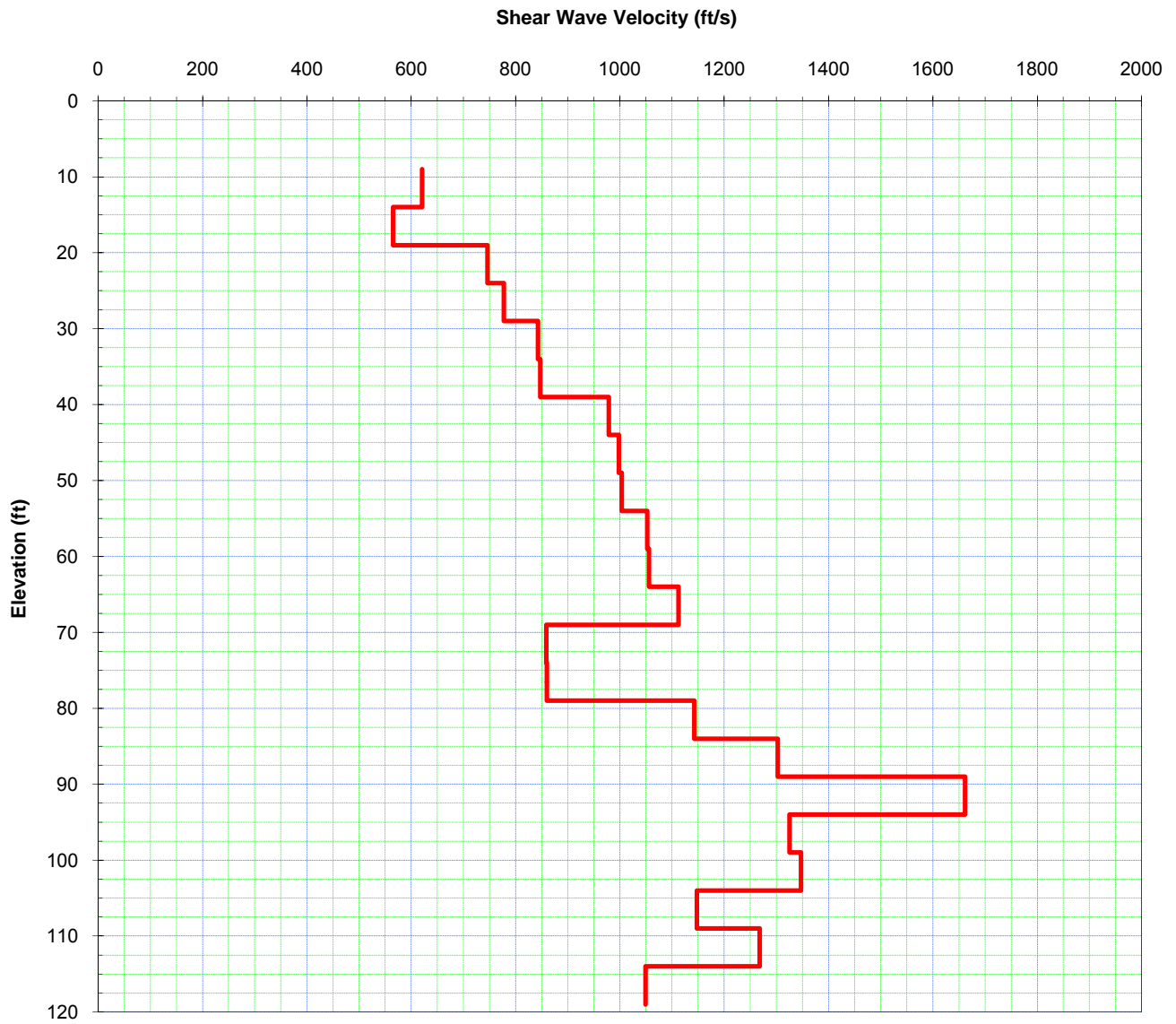
SEISMIC CONE PENETRATION TEST RESULTS - C-110
Wilshire Blvd.
MACTEC





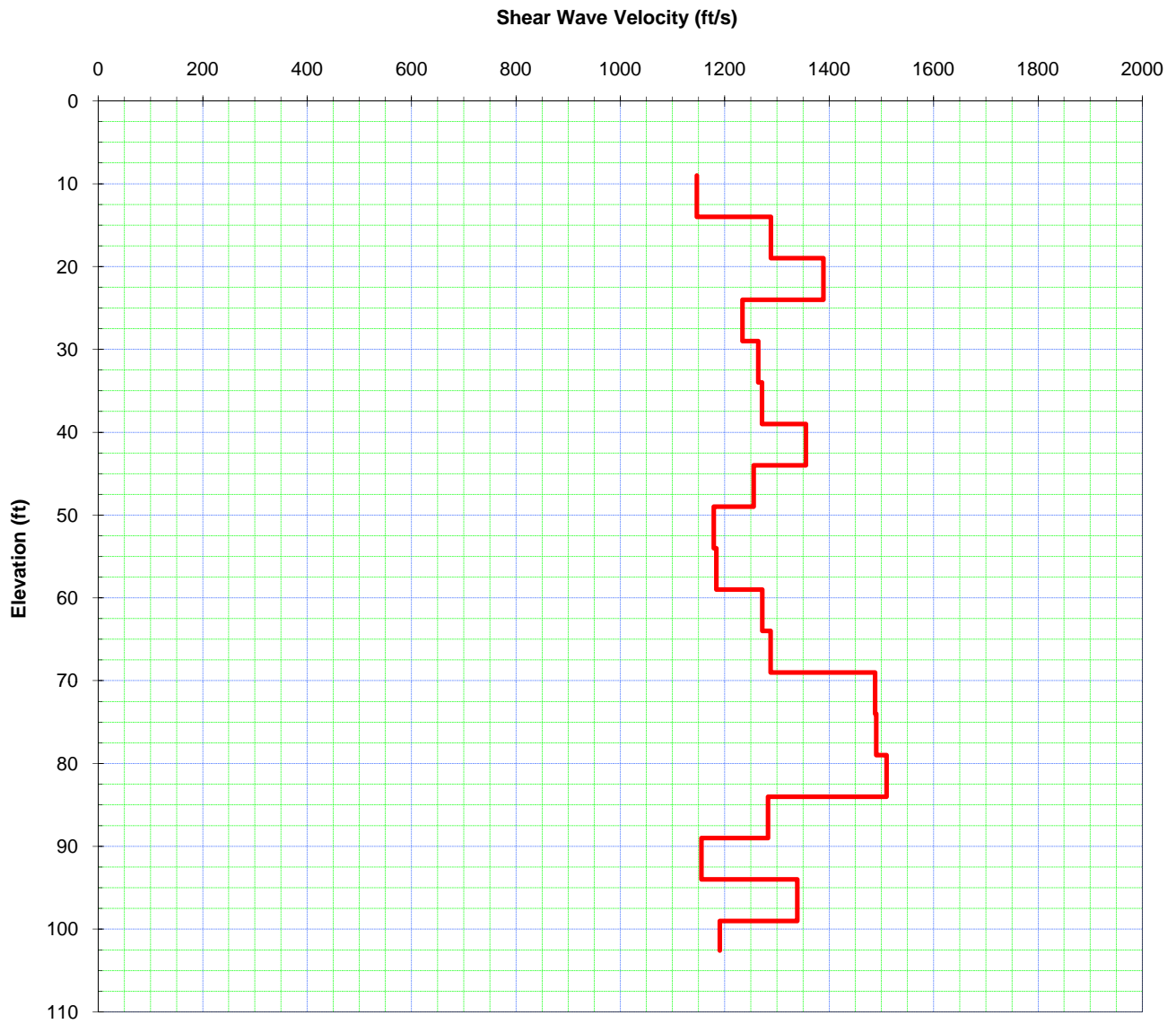
SEISMIC CONE PENETRATION TEST RESULTS - C-111
Wilshire Blvd.
MACTEC





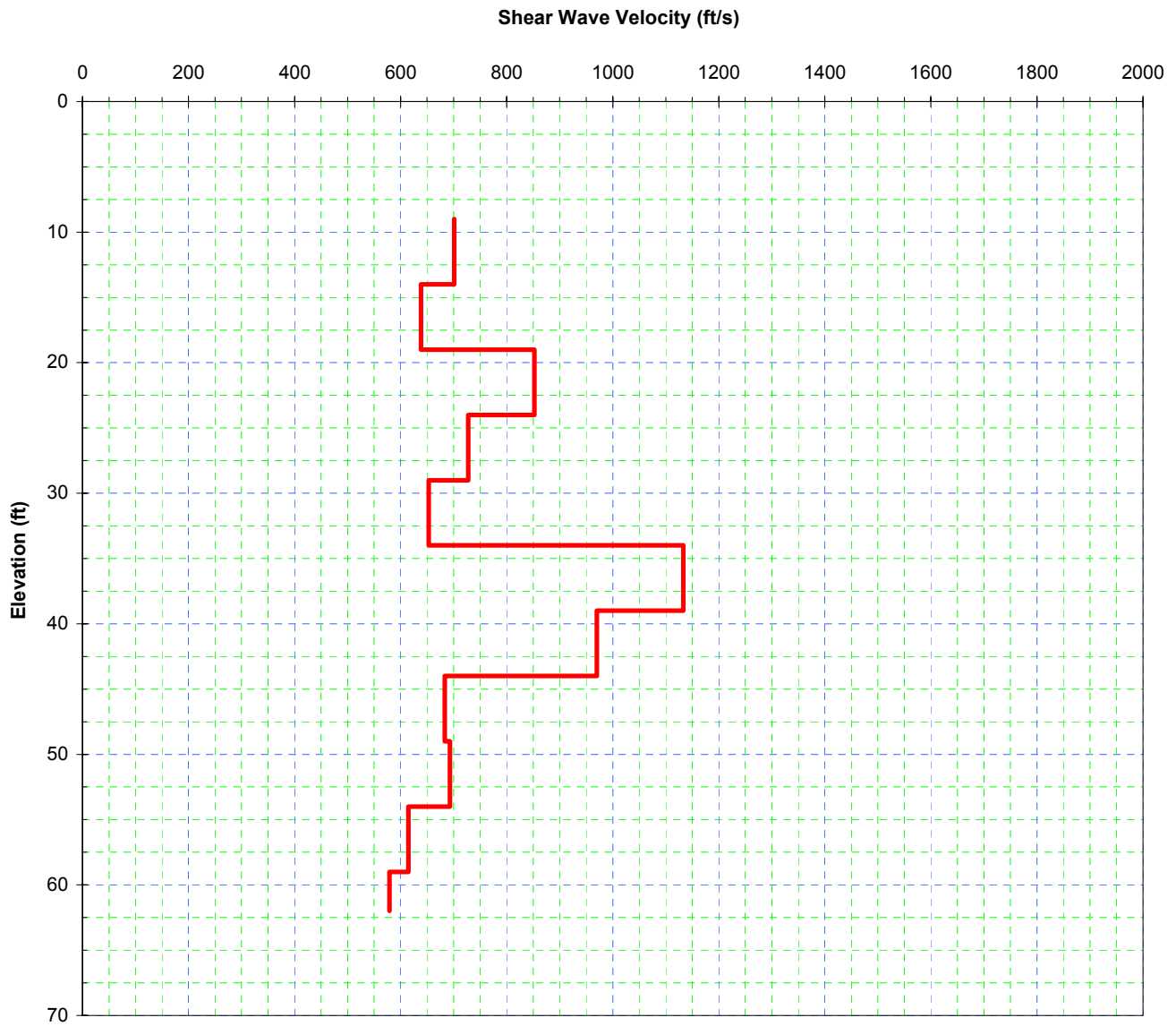
SEISMIC CONE PENETRATION TEST RESULTS - C-112
Wilshire Blvd.
MACTEC

Figure A-4.57



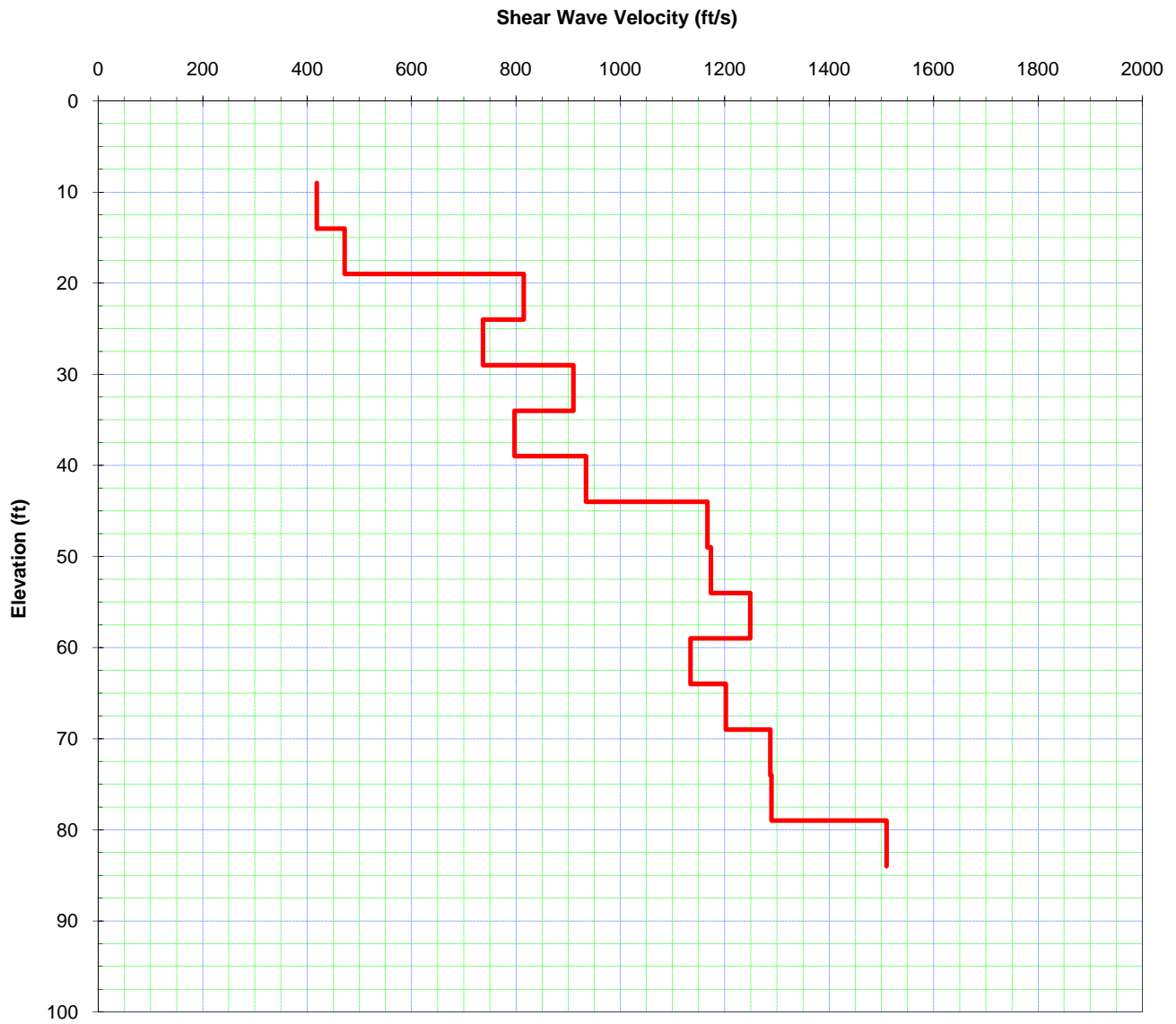
SEISMIC CONE PENETRATION TEST RESULTS - C-113A
Wilshire Blvd.
MACTEC





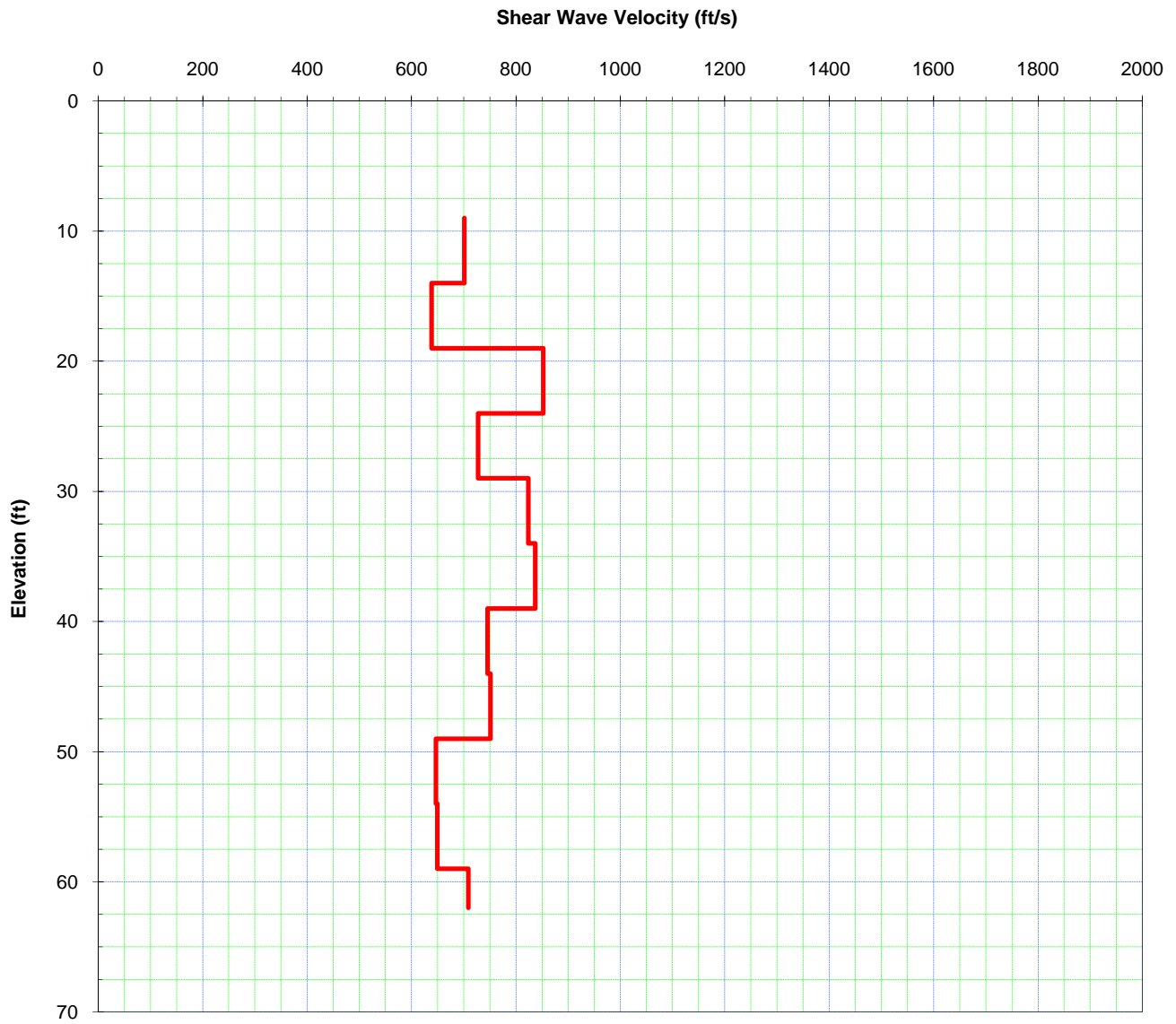
SEISMIC CONE PENETRATION TEST RESULTS - C-121
Wilshire Blvd.
MACTEC





SEISMIC CONE PENETRATION TEST RESULTS - C-124
Wilshire Blvd.
MACTEC





SEISMIC CONE PENETRATION TEST RESULTS - C-127
Wilshire Blvd.
MACTEC

