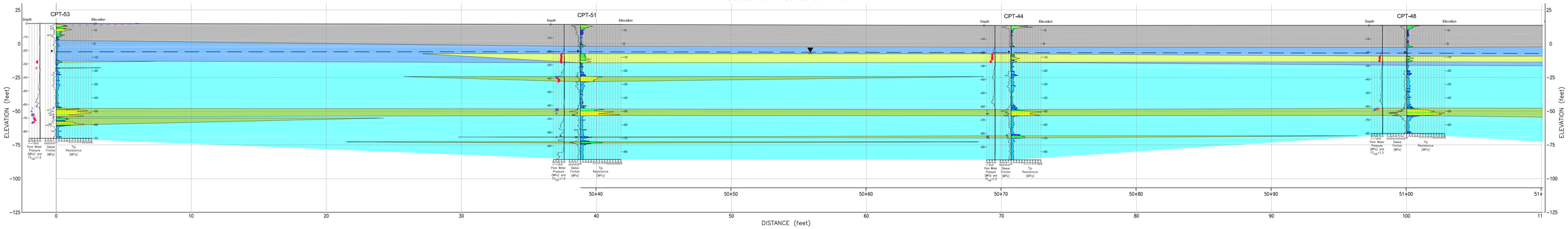
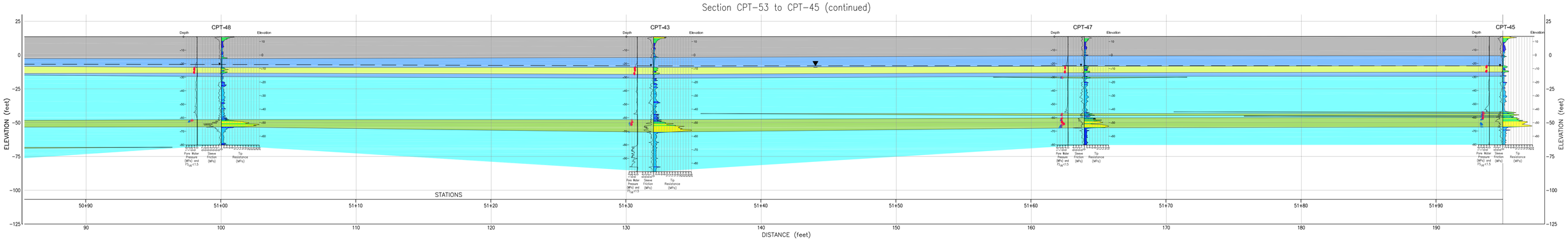
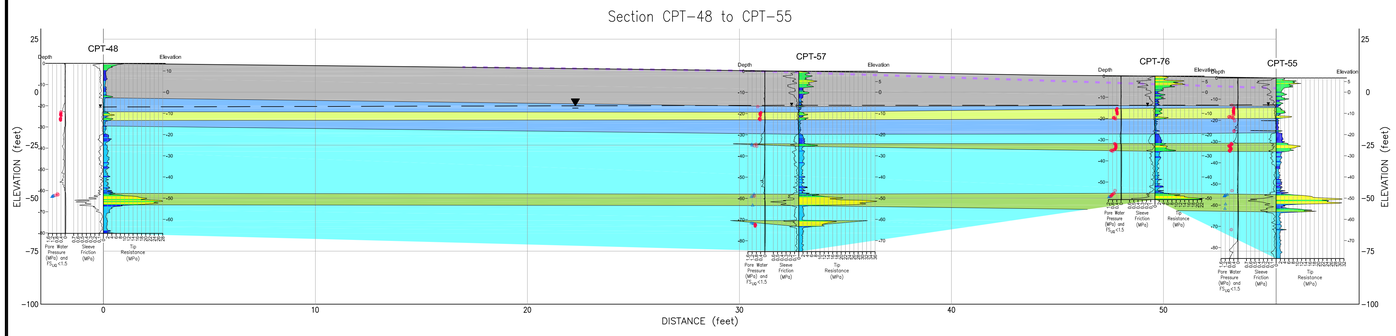
Section CPT-53 to CPT-45



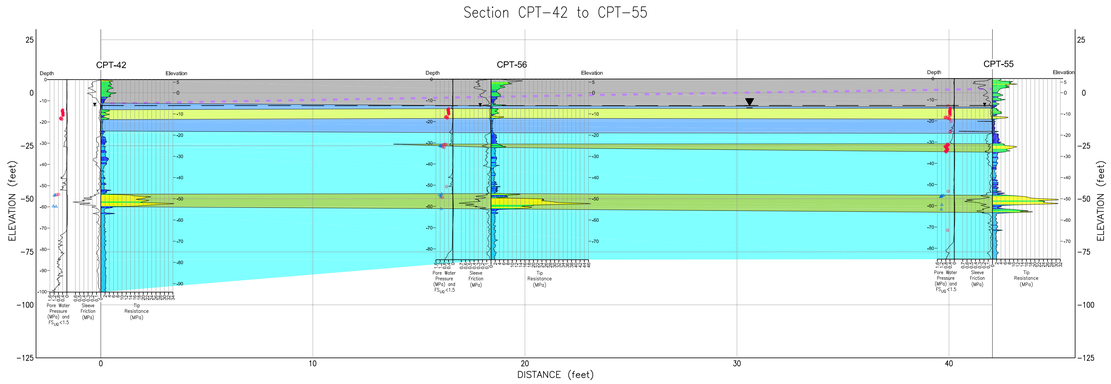
Section CPT-53 to CPT-45 (continued)



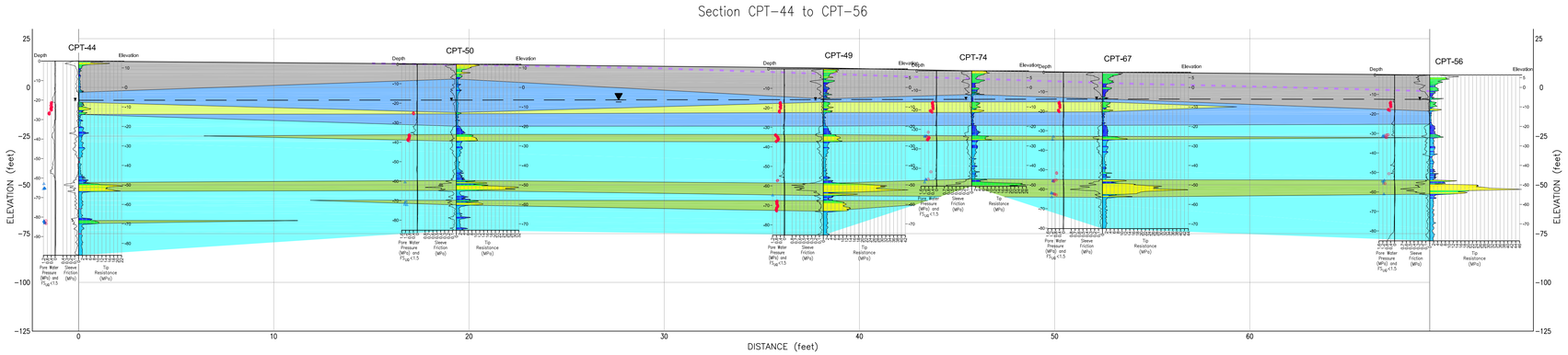
Section CPT-48 to CPT-55

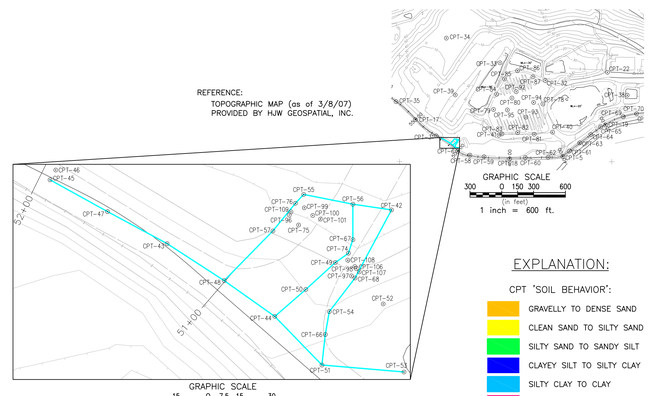


Section CPT-42 to CPT-55

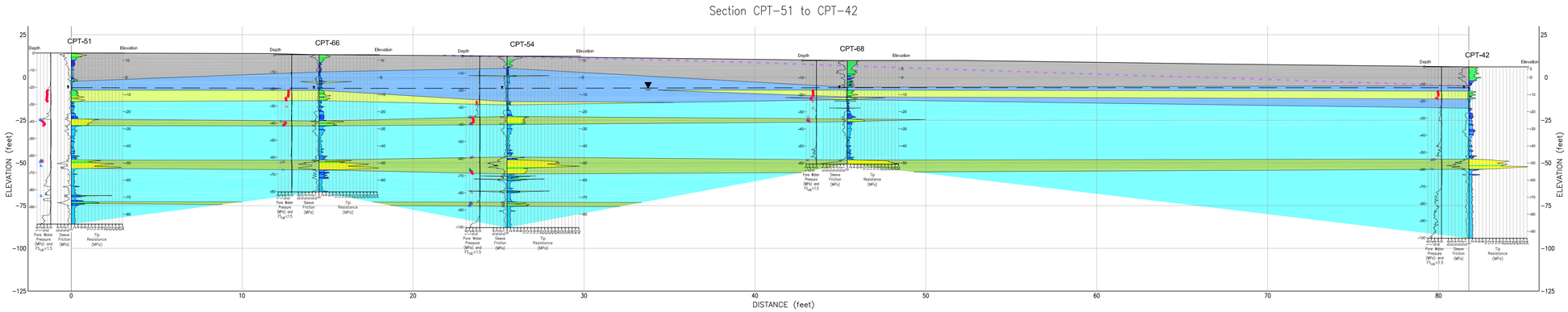


Section CPT-44 to CPT-56





Section CPT-51 to CPT-42



EXPLANATION:

CPT "SOIL BEHAVIOR":

- GRAVELLY TO DENSE SAND
- CLEAN SAND TO SILTY SAND
- SILTY SAND TO SANDY SILT
- CLAYEY SILT TO SILTY CLAY
- SILTY CLAY TO CLAY
- ORGANIC SOIL

INTERPRETIVE STRATIGRAPHY

- REFUSE
- FILL (LEVEE OR INTERIOR)
- YOUNG BAY MUD SILT/CLAY
- YOUNG BAY MUD SAND/SILTY SAND
- OLDER BAY ALLUVIUM SILT/CLAY
- OLDER BAY ALLUVIUM SAND/SILTY SAND

- 3/08/2007 GROUND SURFACE
- APPROXIMATE GEOLOGIC CONTACT
- EXISTING OR PROPOSED EXCAVATION SUBGRADE
- APPROXIMATE DESIGN PIEZOMETRIC SURFACE
- CROSS-SECTION LOCATION

LIQUEFACTION FACTOR OF SAFETY (FS_{Liq}) BASED ON AVERAGE OF THREE METHODS: YOUD ET AL. (2001), MOSS ET AL. (2006), AND IDRISS & BOULANGER (2007):

$1.0 \le FS_{Liq} < 1.3$; $FS_{Liq} < 1.0$ — ONLY SHOWN BELOW DESIGN PIEZOMETRIC SURFACE

PROFILE SCALES
HORIZ.: 1" = 3'
VERT.: 1" = 30'

PLATE 6

GEOLOGIC CROSS-SECTIONS

GEOTECHNICAL EVALUATION FOR PROPOSED VERTICAL EXPANSION NEWBY ISLAND SANITARY LANDFILL SAN JOSE, CA

Geo-Logic ASSOCIATES

DRAWN BY: VL	DATE: MAY 2008	JOB NO.: 2004-049