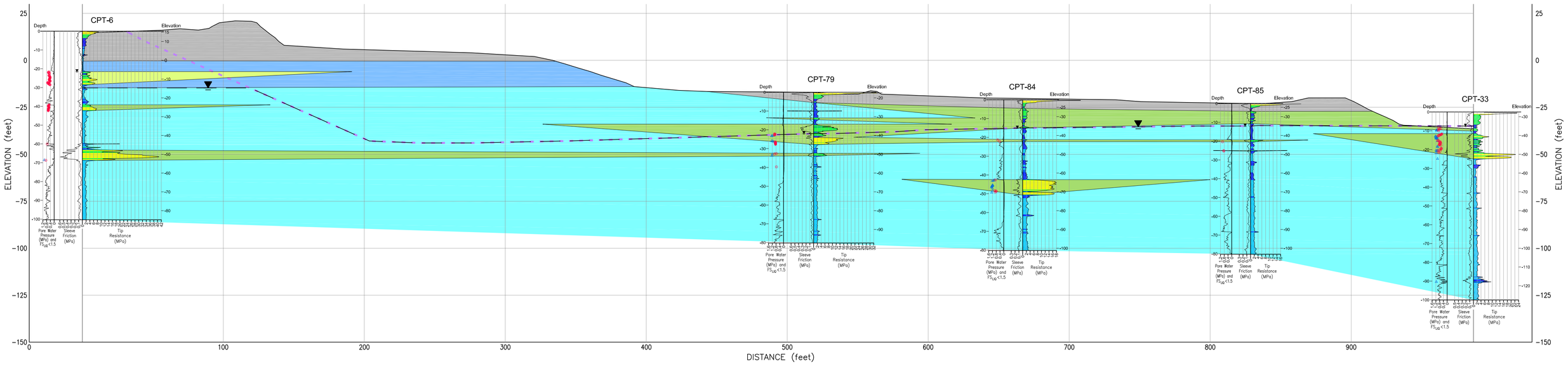
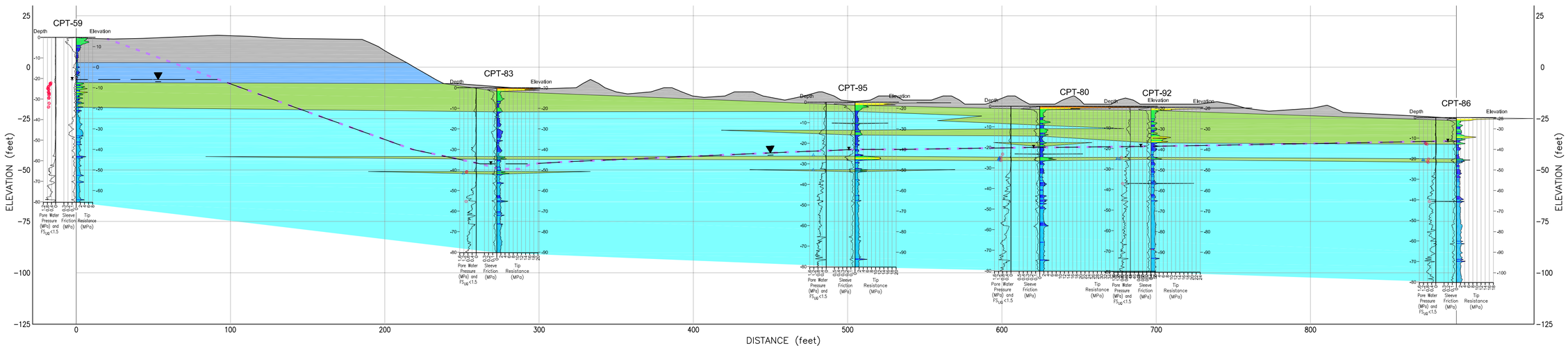
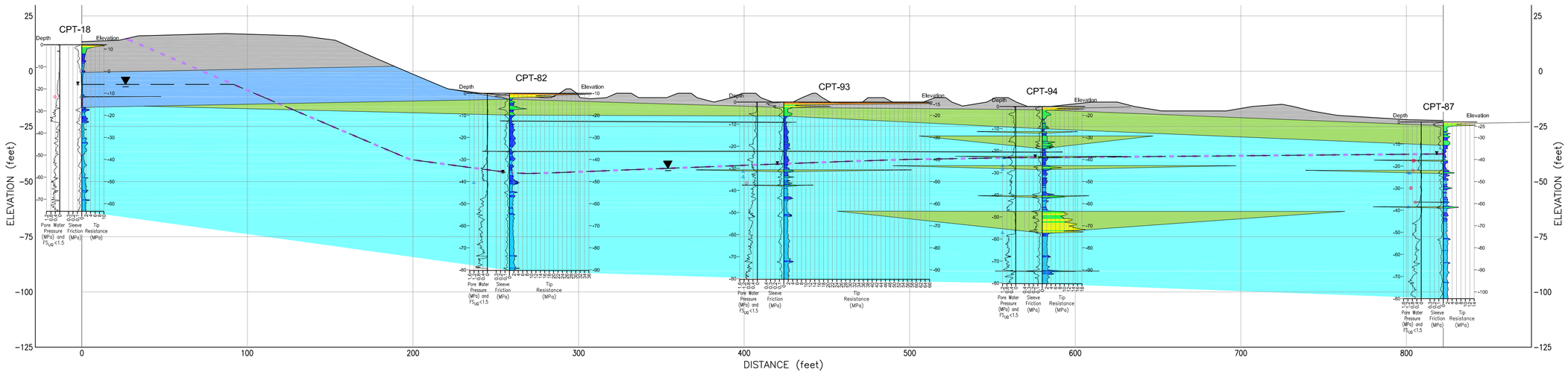
Section CPT–6 to CPT–33



Section CPT–59 to CPT–86



Section CPT–18 to CPT–87



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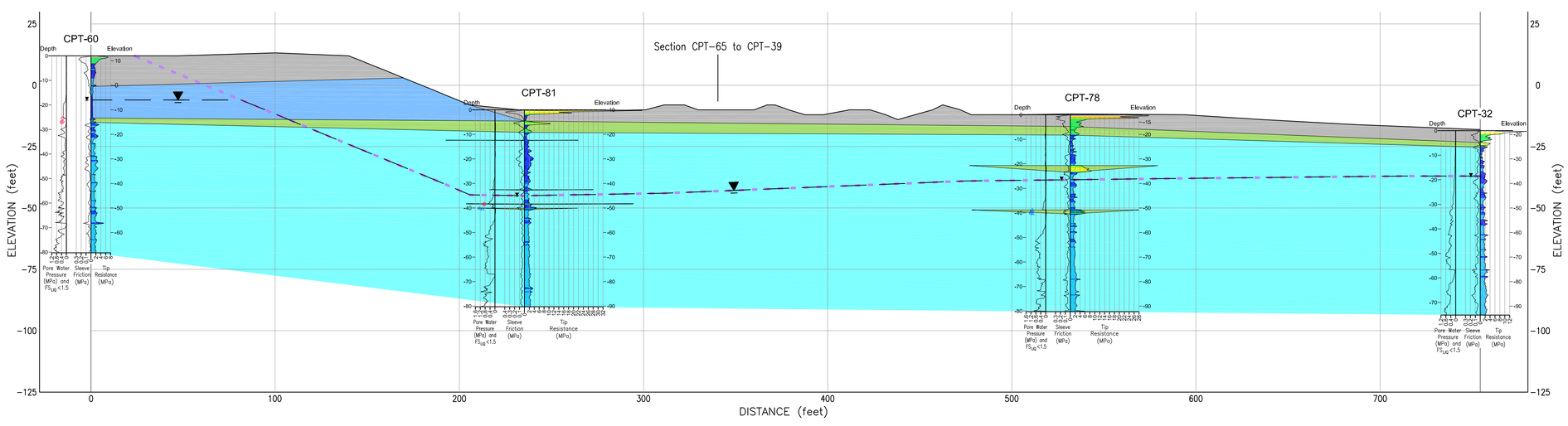

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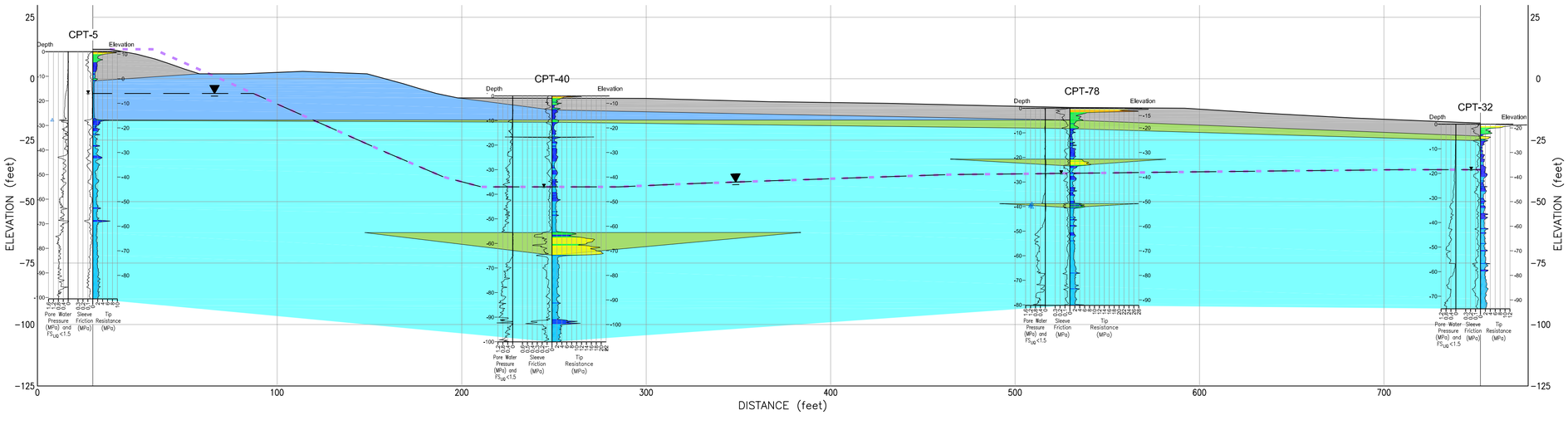


EXPLANATION:

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

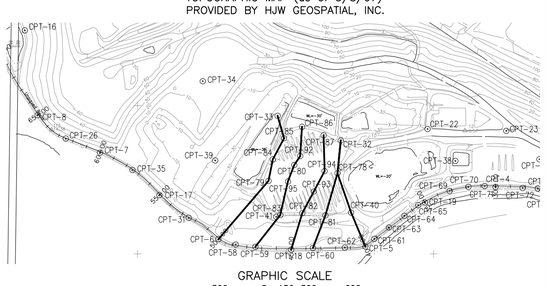
- REFUSE
- FILL (LEVEE OR INTERIOR)
- YOUNG BAY MUD SILT/CLAY
- YOUNG BAY MUD SAND/SILTY SAND
- OLDER BAY ALLUVIUM SILT/CLAY
- OLDER BAY ALLUVIUM SAND/SILTY SAND

- 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

REFERENCE:
TOPOGRAPHIC MAP (as of 3/8/07)
PROVIDED BY HJW GEOSPATIAL, INC.



GRAPHIC SCALE
300 0 150 300 600
(in feet)
1 inch = 600 ft.

PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 30'

PLATE 5

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