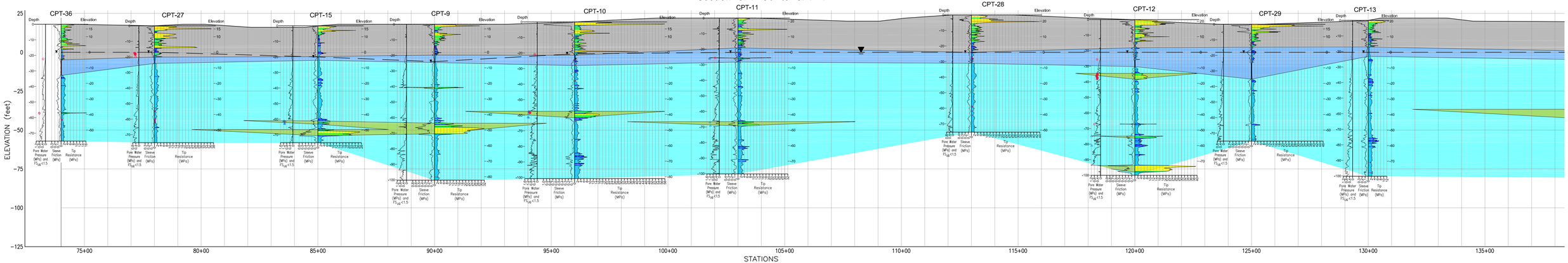
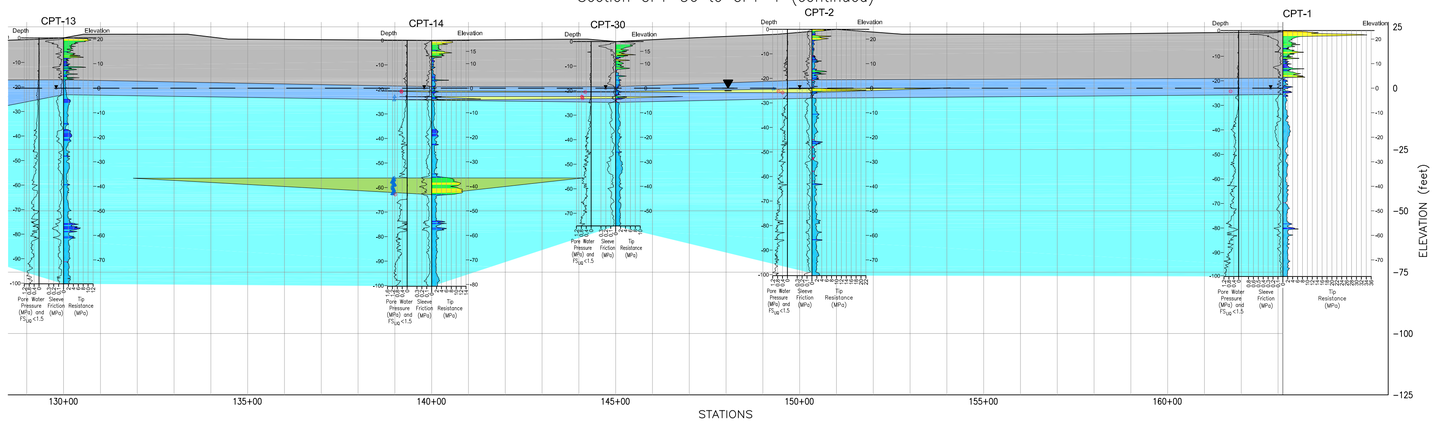
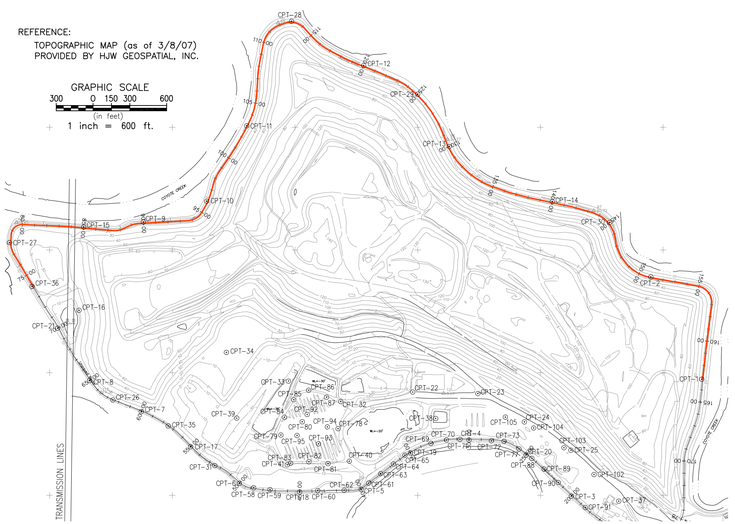
Section CPT-36 to CPT-1



Section CPT-36 to CPT-1 (continued)





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"= 200'
VERT.: 1"= 30'

PLATE 1

GEOLOGIC CROSS-SECTION CPT-36 – CPT-1

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