

SOURCE: USGS QUADRANGLE MAP;
DEARBORN, MICHIGAN

figure 1.1

SITE LOCATION
SITE INVESTIGATION REPORT
DEARBORN REFINING SITE
Dearborn, Michigan



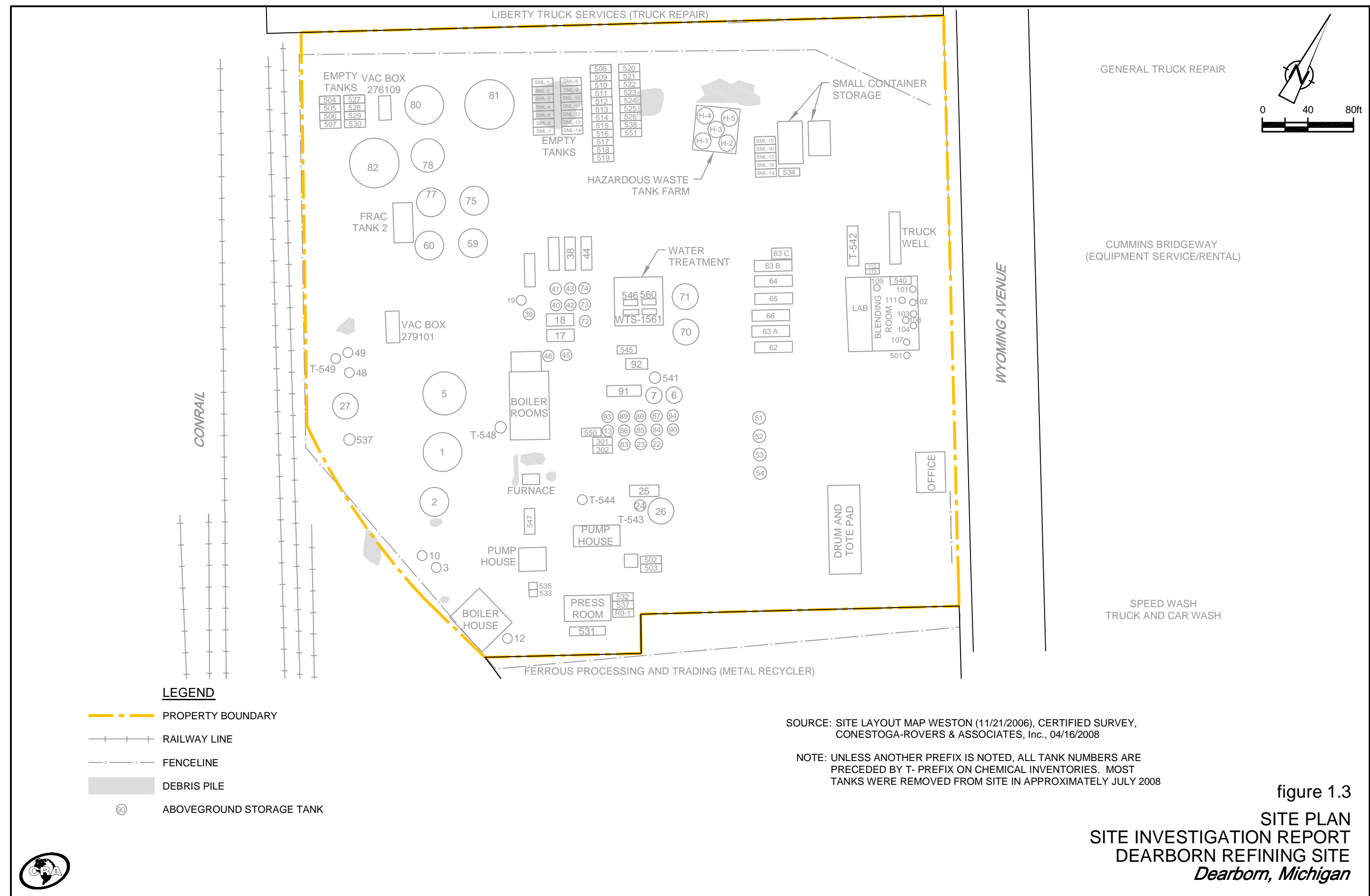


SOURCE: SATELLITE IMAGE PROVIDED BY TELEATLAS, COPYRIGHT 2007, AND NAVTEQ METRICS, COPYRIGHT 2007. IMAGE DOWNLOADED FROM GOOGLE EARTH PRO JANUARY 31, 2007.

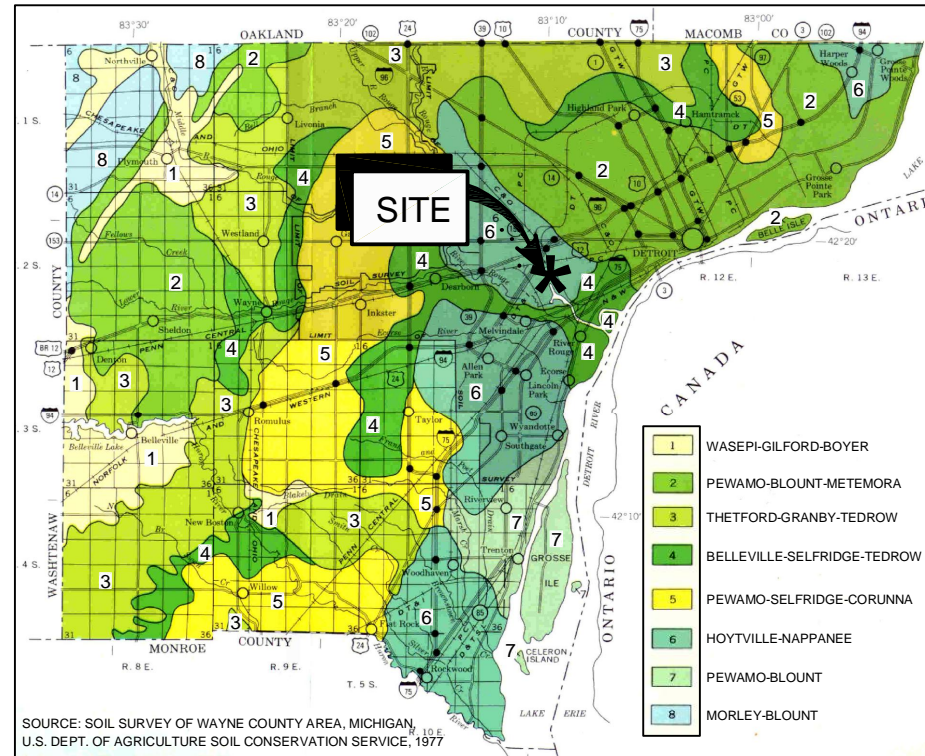
LEGEND
 - - - - - APPROXIMATE PROPERTY BOUNDARY

figure 1.2
 AERIAL SITE PLAN
 SITE INVESTIGATION REPORT
 DEARBORN REFINING SITE
Dearborn, Michigan

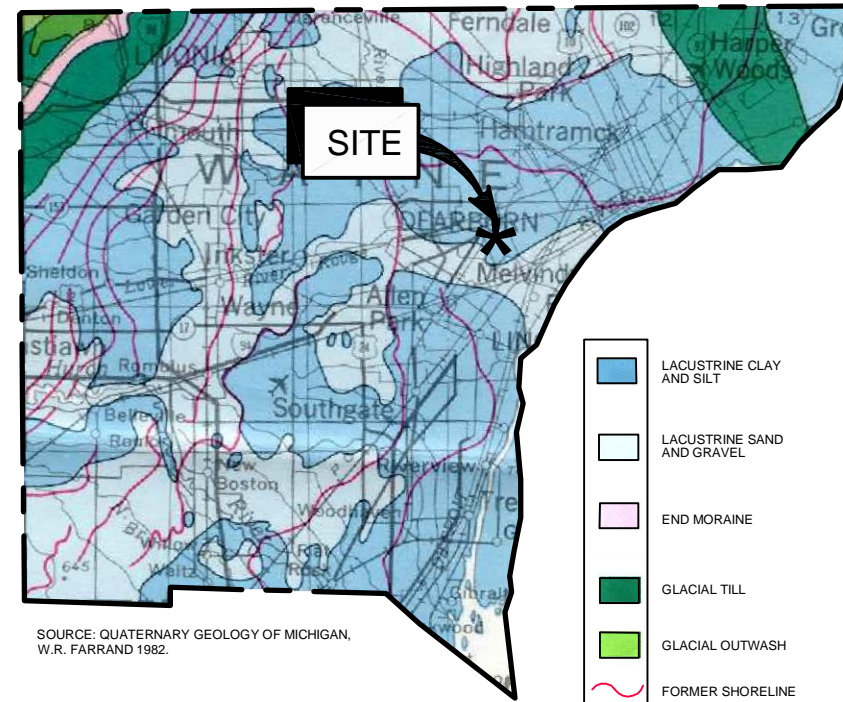




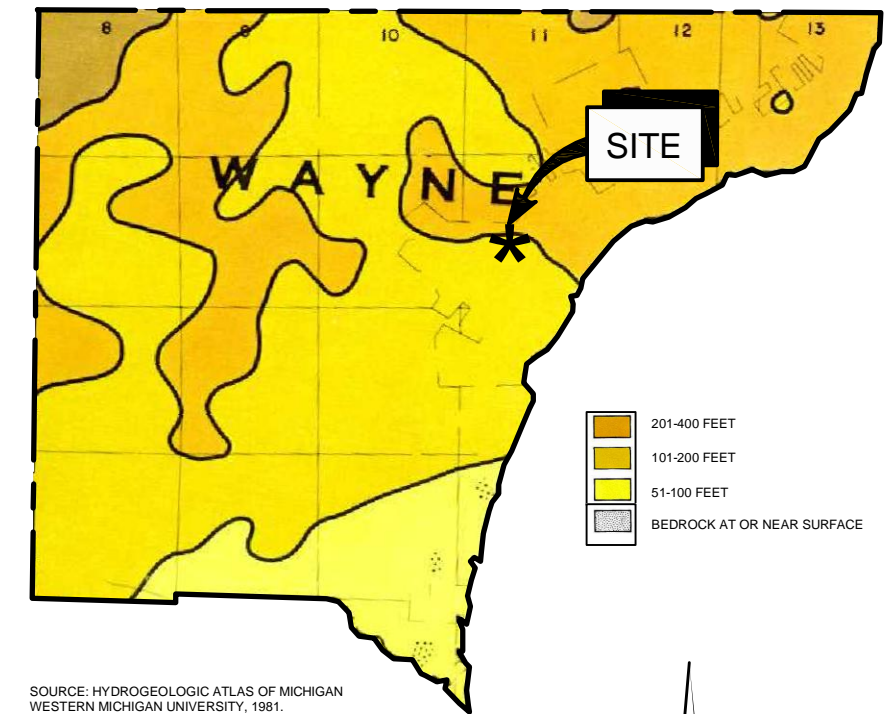
SOIL ASSOCIATIONS



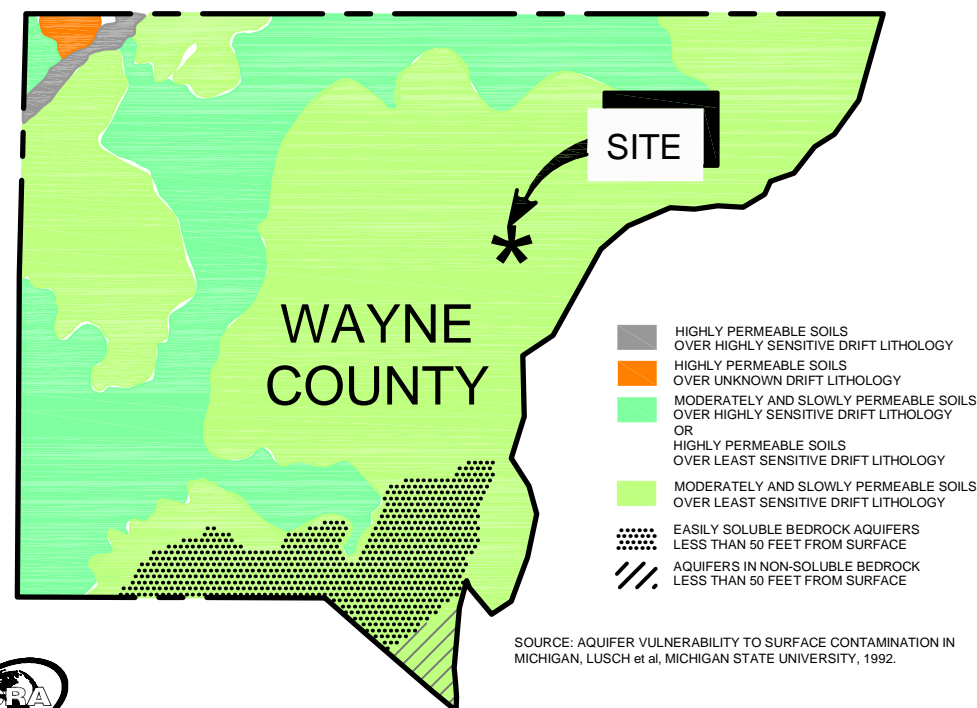
SURFICIAL GEOLOGY



GLACIAL DRIFT THICKNESS



AQUIFER VULNERABILITY



HYDROLOGY

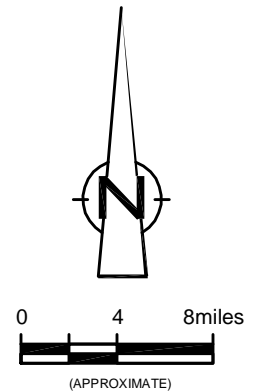
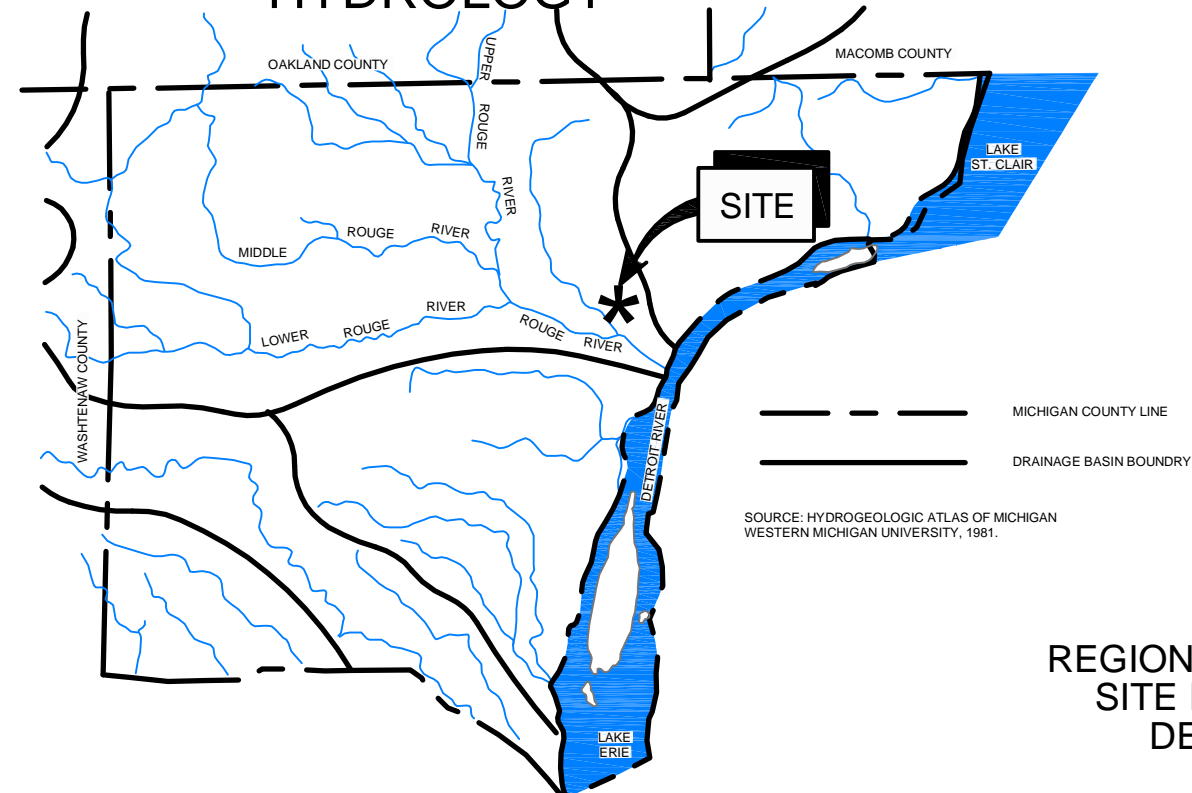
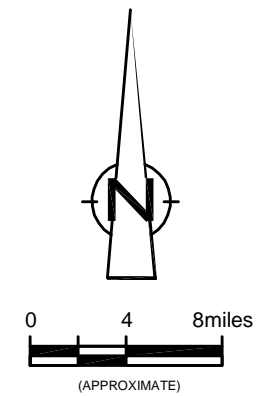
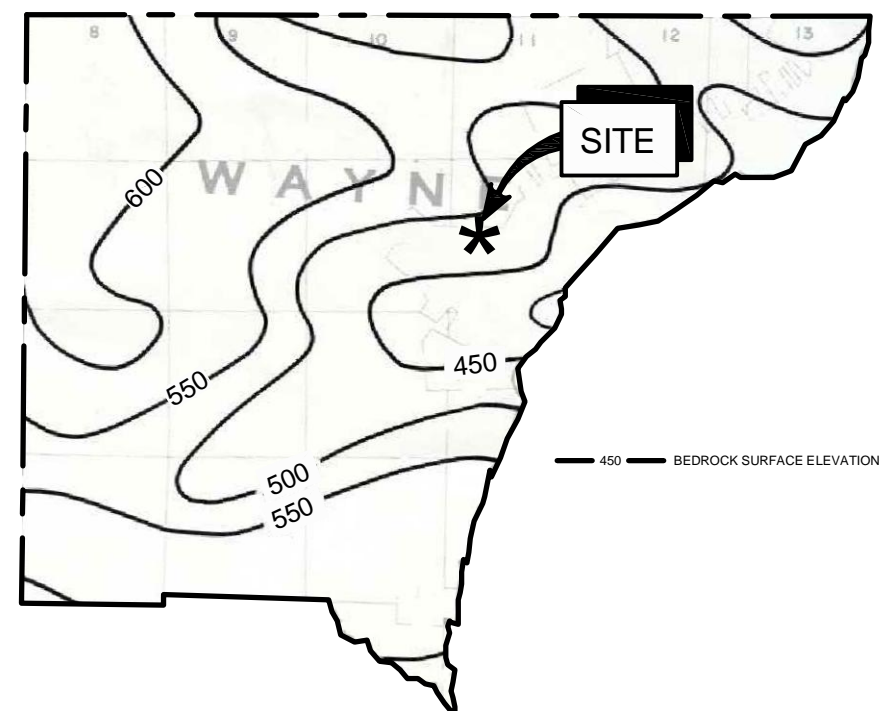


figure 1.4
REGIONAL SURFICIAL GEOLOGY
SITE INVESTIGATION REPORT
DEARBORN REFINING SITE
Dearborn, Michigan



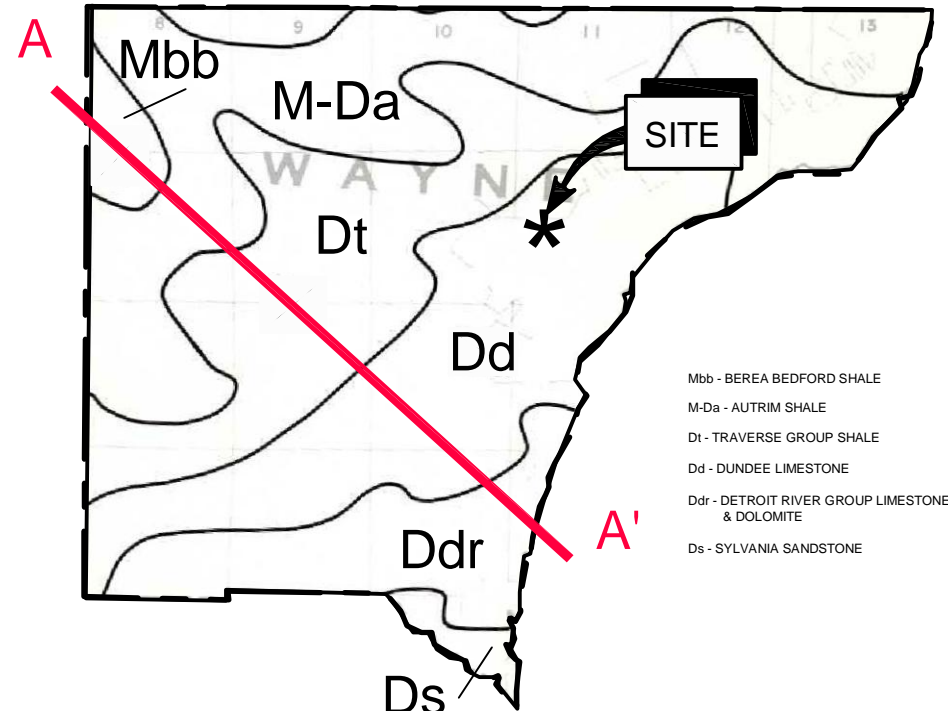


BEDROCK SURFACE ELEVATIONS



SOURCE: HYDROGEOLOGIC ATLAS OF MICHIGAN WESTERN MICHIGAN UNIVERSITY, 1981.

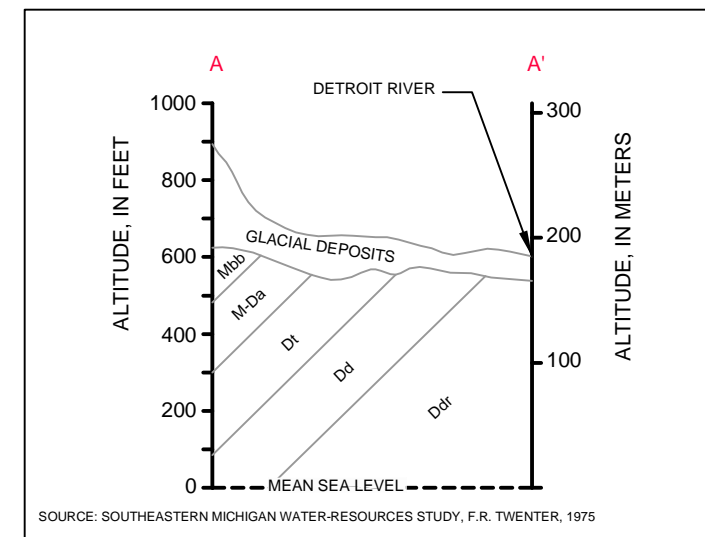
BEDROCK GEOLOGY



Mbb - BEREA BEDFORD SHALE
M-Da - AUTRIM SHALE
Dt - TRAVERSE GROUP SHALE
Dd - DUNDEE LIMESTONE
Ddr - DETROIT RIVER GROUP LIMESTONE & DOLOMITE
Ds - SYLVANIA SANDSTONE

SOURCE: HYDROGEOLOGIC ATLAS OF MICHIGAN WESTERN MICHIGAN UNIVERSITY, 1981.

GENERAL GEOLOGIC CROSS SECTION A-A'



SOURCE: SOUTHEASTERN MICHIGAN WATER-RESOURCES STUDY, F.R. TWENTER, 1975

figure 1.5

REGIONAL BEDROCK GEOLOGY AND
BEDROCK SURFACE ELEVATIONS FOR WAYNE COUNTY
SITE INVESTIGATION REPORT
DEARBORN REFINING SITE
Dearborn, Michigan



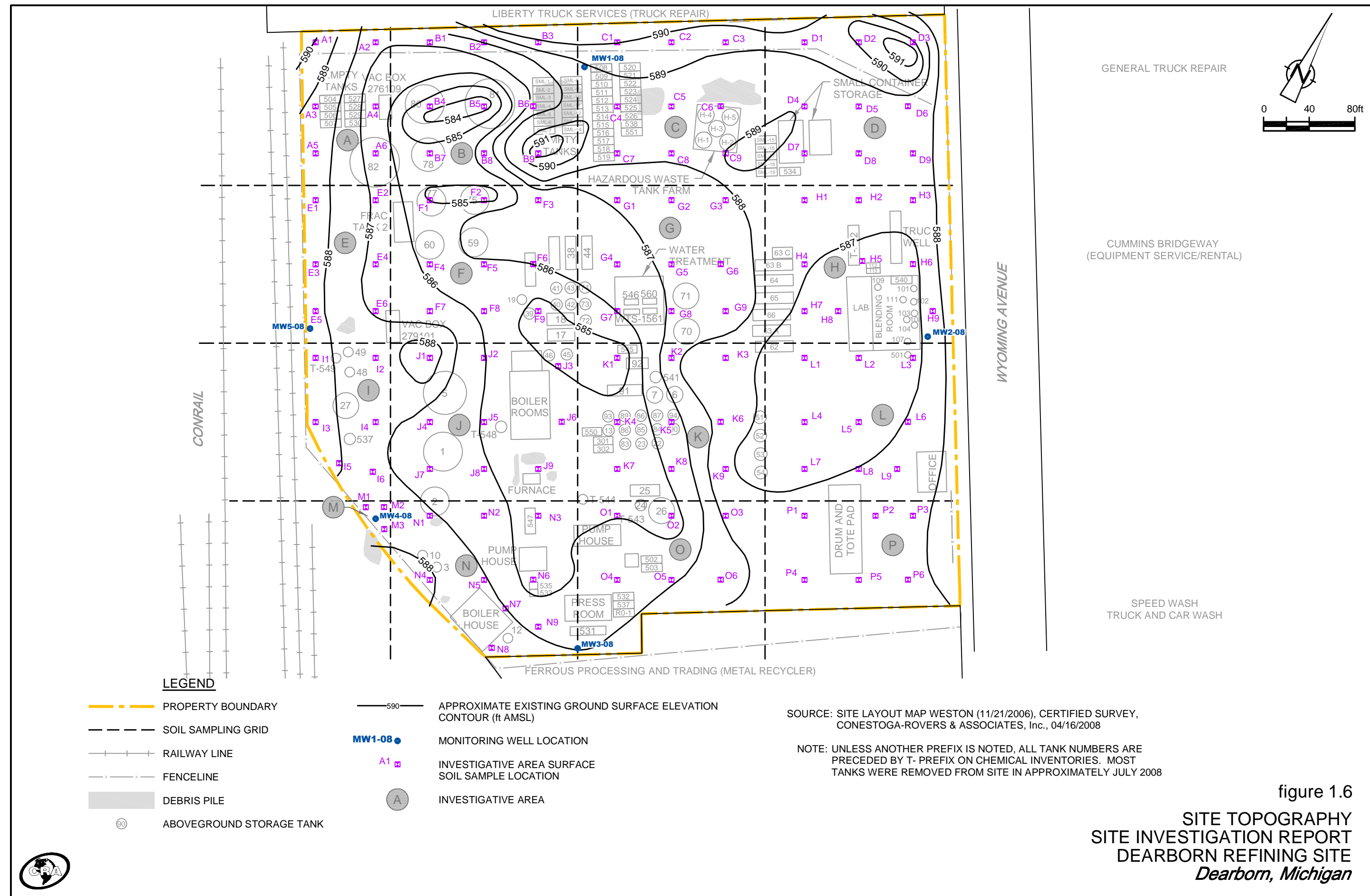
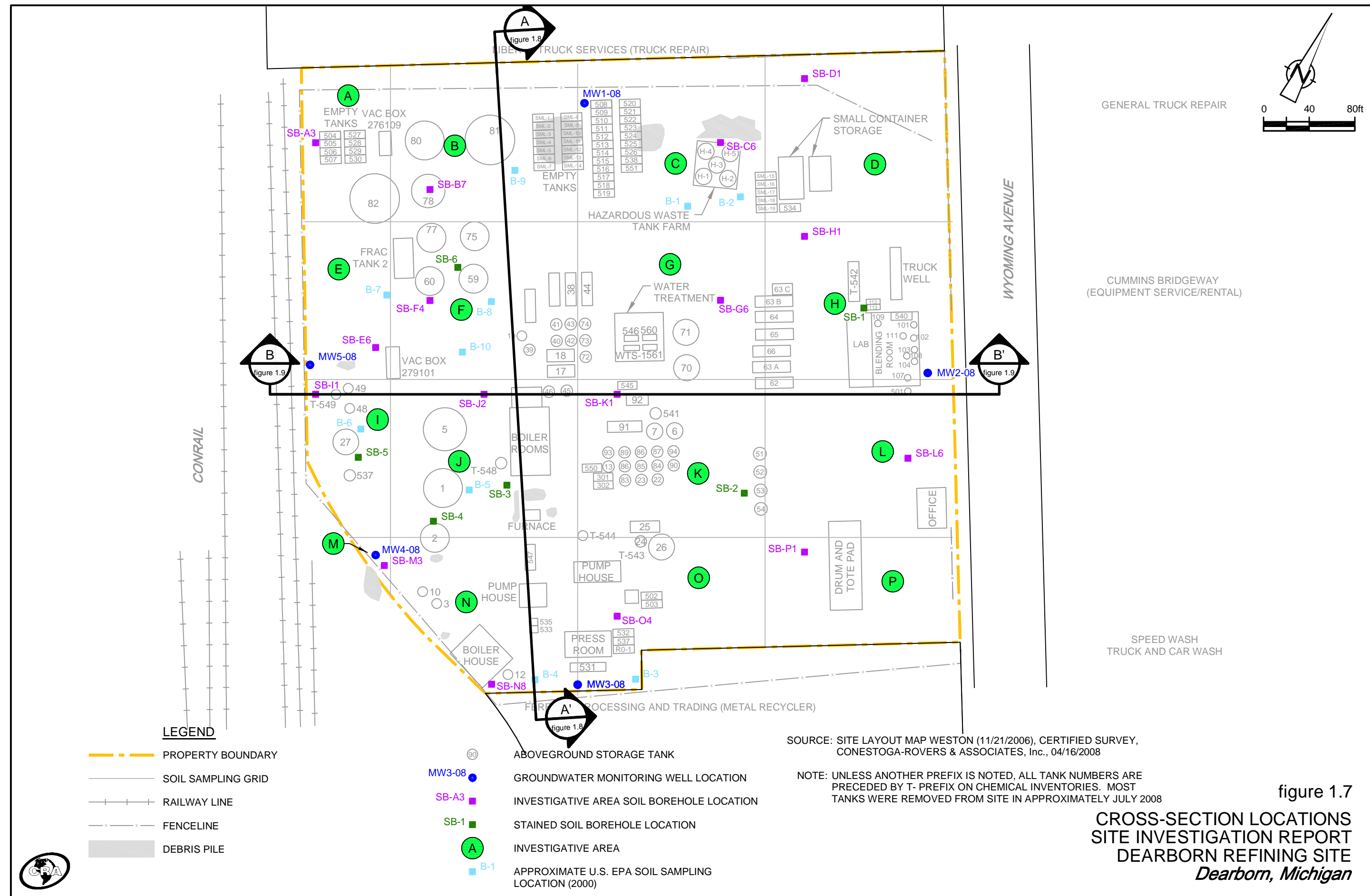
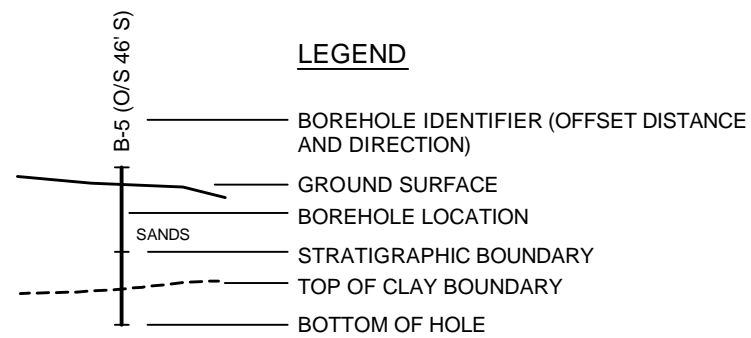
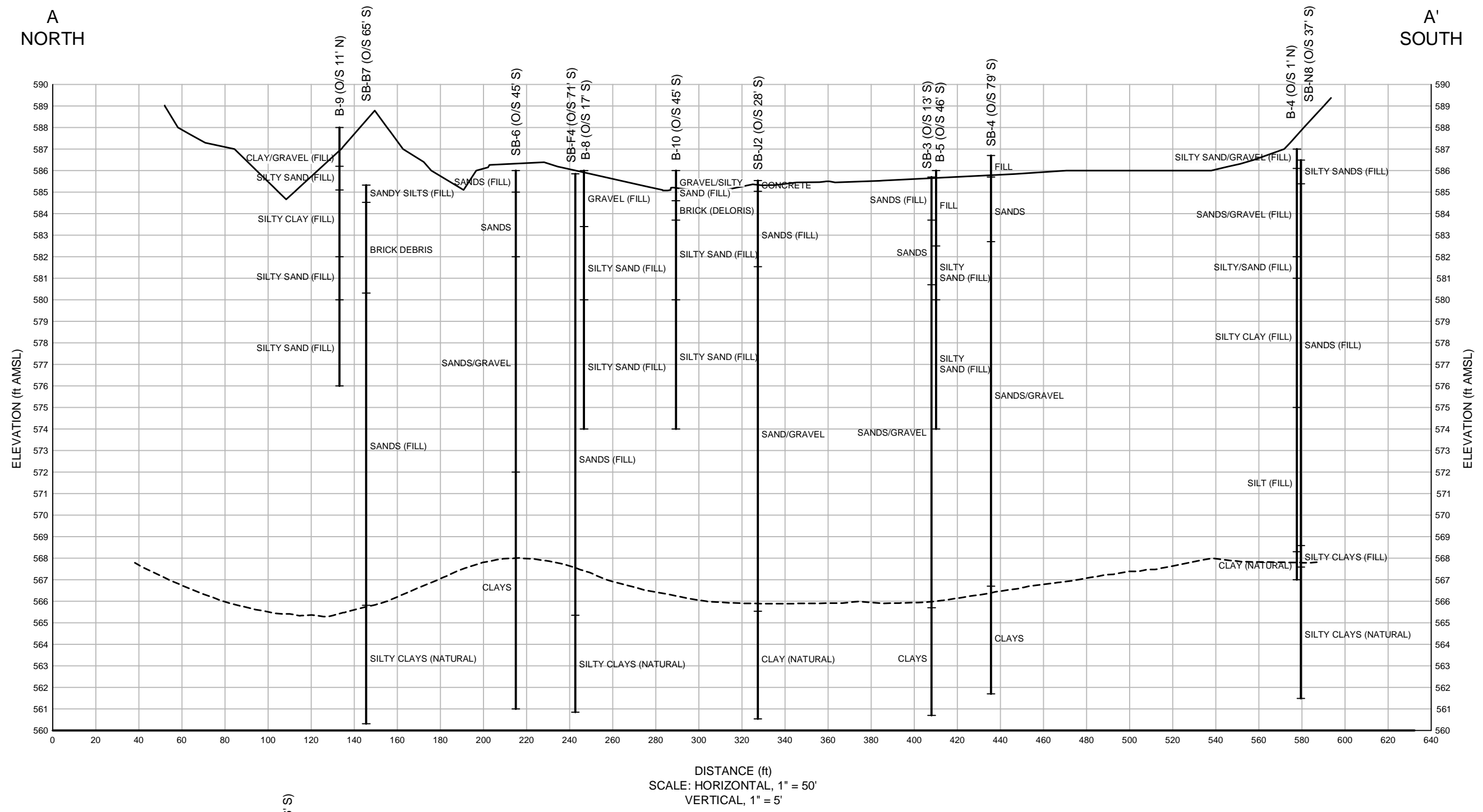


figure 1.6
 SITE TOPOGRAPHY
 SITE INVESTIGATION REPORT
 DEARBORN REFINING SITE
 Dearborn, Michigan



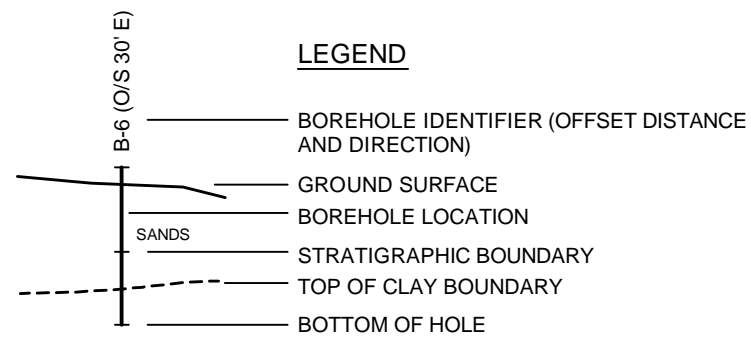
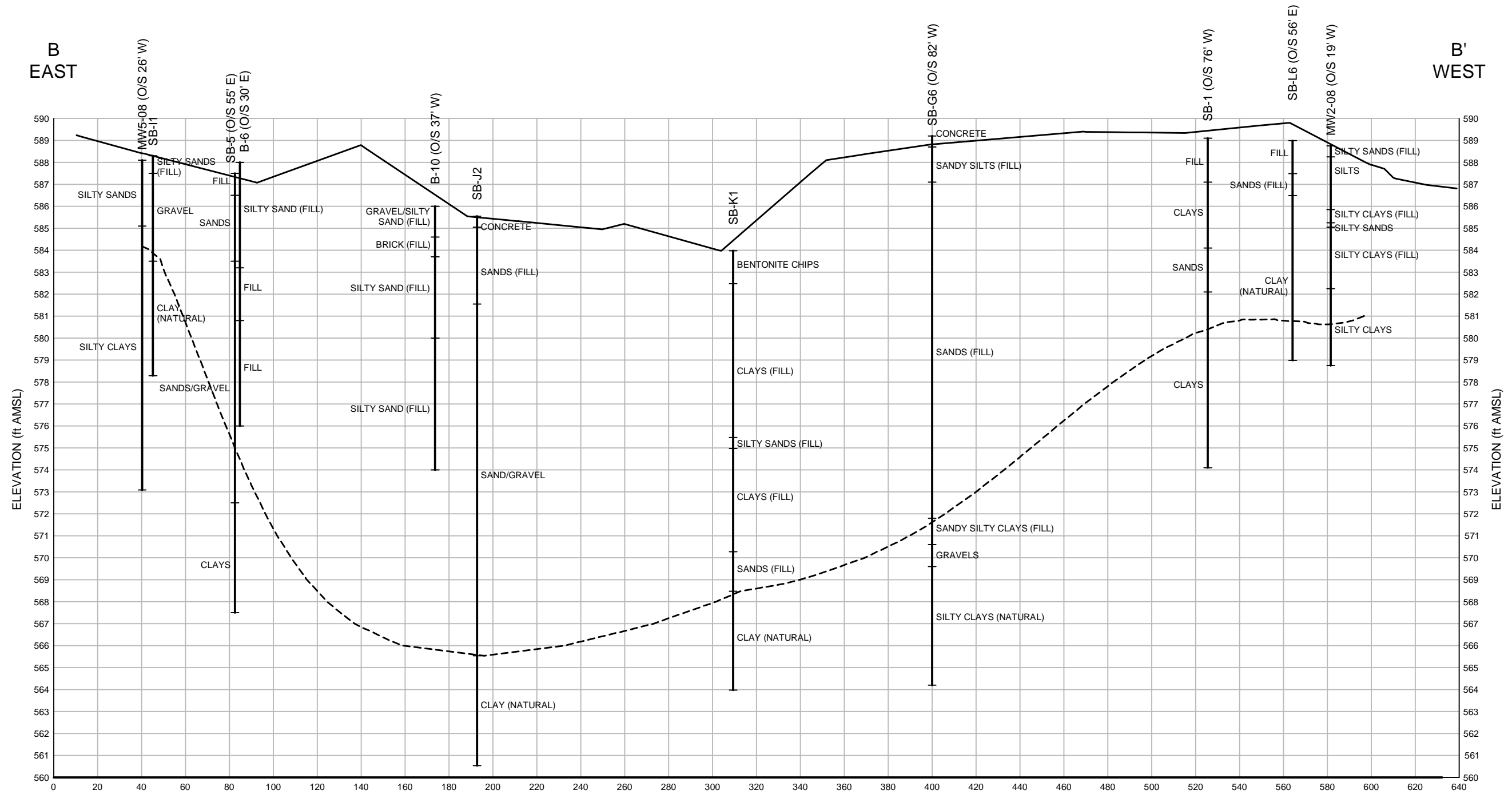


DISTANCE (ft)
 SCALE: HORIZONTAL, 1" = 50'
 VERTICAL, 1" = 5'

NOTE:
 1. SB-B7, SB-F4, SB-J2 AND SB-N8 ARE INVESTIGATIVE AREA SOIL BOREHOLE LOCATIONS
 2. SB-3, SB-4 AND SB-6, ARE STAINED SOIL BOREHOLE LOCATIONS
 3. B-4, B-5, B-8, B-9 AND B-10 ARE APPROXIMATE U.S. EPA SOIL SAMPLING LOCATIONS (2000)

figure 1.8
CROSS-SECTION A - A'
SITE INVESTIGATION REPORT
DEARBORN REFINING SITE
Dearborn, Michigan





DISTANCE (ft)
 SCALE: HORIZONTAL, 1" = 50'
 VERTICAL, 1" = 5'

- NOTE:
1. SB-G6, SB-11, SB-J2, SB-K1 AND SB-L6 ARE INVESTIGATIVE AREA SOIL BOREHOLE LOCATIONS
 2. SB-1 AND SB-5, ARE STAINED SOIL BOREHOLE LOCATIONS
 3. B-6 AND B-10 ARE APPROXIMATE U.S. EPA SOIL SAMPLING LOCATIONS (2000)
 4. MW2-08 AND MW5-08 ARE GROUNDWATER MONITORING WELL LOCATIONS



figure 1.9
 CROSS-SECTION B - B'
 SITE INVESTIGATION REPORT
 DEARBORN REFINING SITE
 Dearborn, Michigan