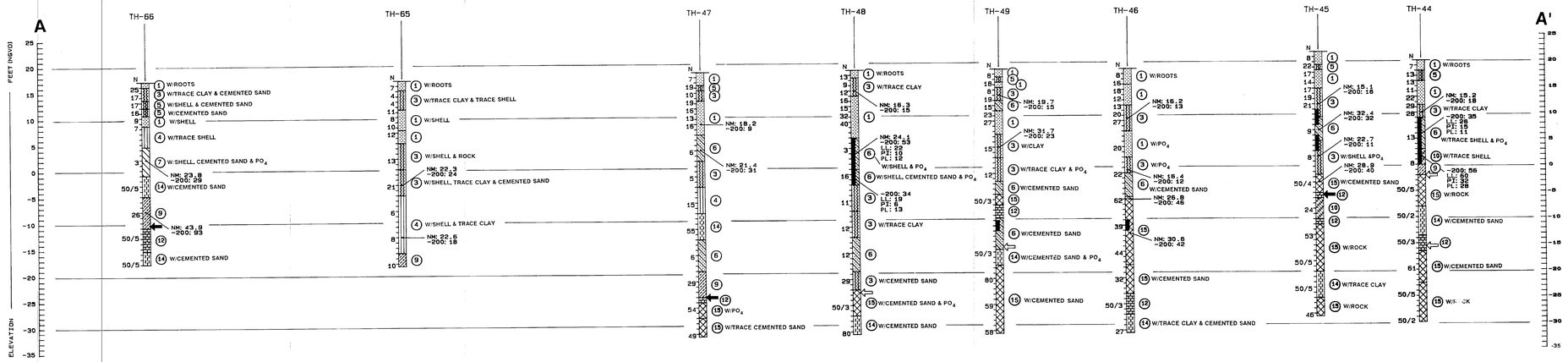

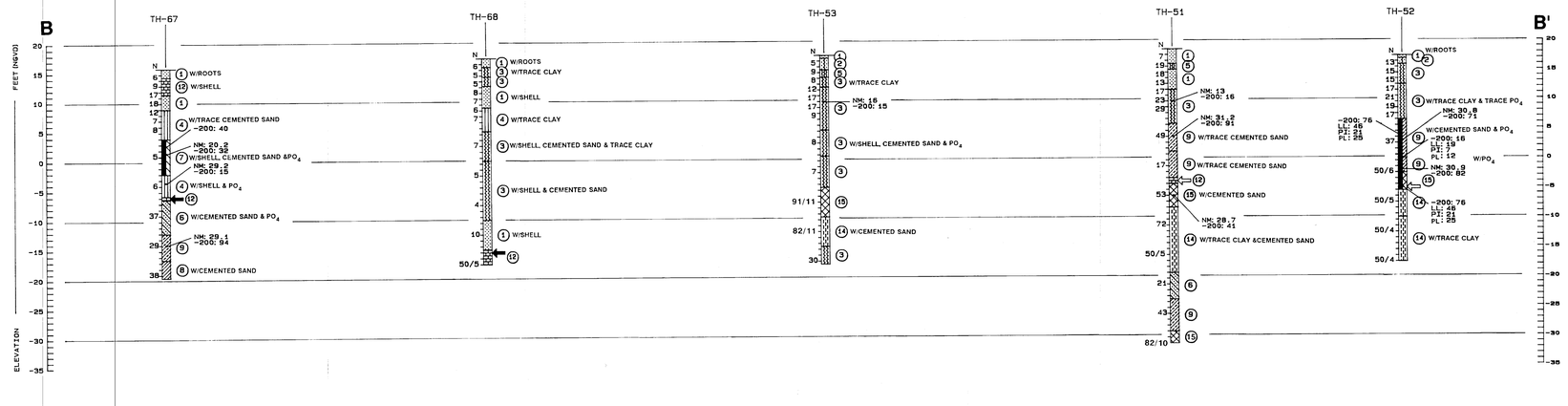

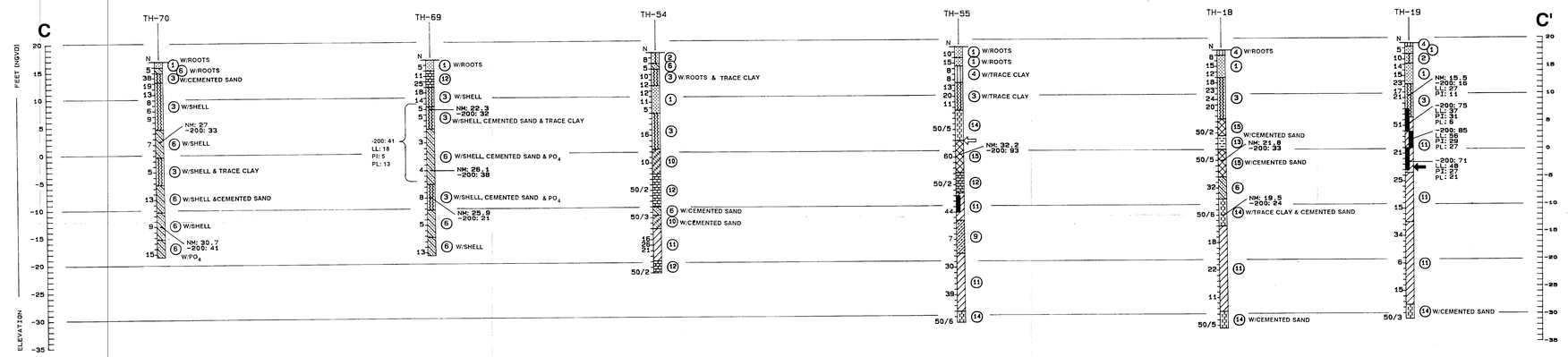

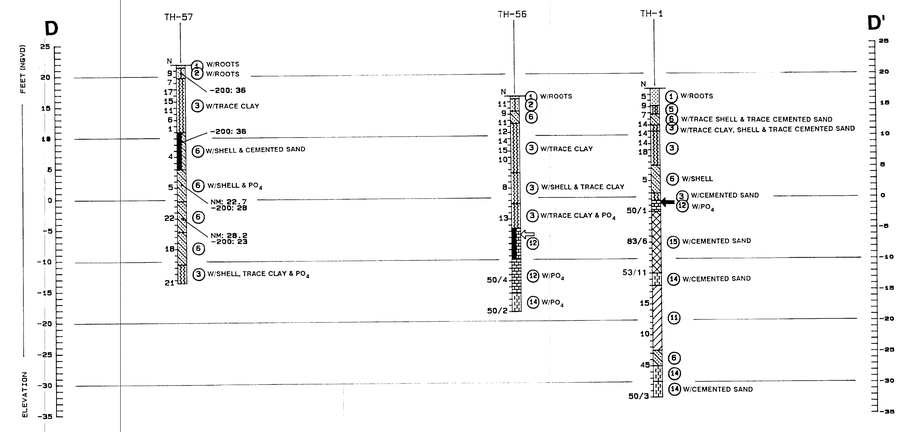

LEGEND

SOIL STRATA

⊠	1	BROWN TO GRAY FINE SAND TO SLIGHTLY SILTY FINE SAND
⊞	2	LIGHT BROWNISH-GRAY FINE SAND TO SLIGHTLY SILTY FINE SAND
⊞	3	BROWN TO GRAY SILTY FINE SAND
▥	4	DARK GRAY TO GREENISH-GRAY SILTY FINE SAND
▦	5	ORANGE TO ORANGISH-BROWN SLIGHTLY SILTY TO SILTY FINE SAND
⊠	6	BROWNISH-GRAY TO GRAY CLAYEY FINE SAND
⧄	7	LIGHT BROWN TO LIGHT GRAY CLAYEY FINE SAND
▨	8	GRAYISH-BLUE TO DARK GRAYISH-GREEN CLAYEY FINE SAND
▨	9	LIGHT YELLOW TO BROWNISH-GRAY SILTY TO SANDY CLAY
⊠	10	GRAY TO DARK GRAY SANDY CLAY
⧄	11	GREENISH-GRAY TO GREEN SANDY CLAY TO CLAY
⊞	12	ROCK
⊞	13	SANDSTONE
⊠	14	SILTSTONE
⊠	15	CLAYSTONE

- ⬅ COMPLETE CIRCULATION LOSS
- ⇦ PARTIAL CIRCULATION LOSS
- -200 PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES) (ASTM D-1140)
- LL LIQUID LIMIT IN PERCENT (ASTM D-423)
- PL PLASTIC LIMIT IN PERCENT (ASTM D-424)
- PI PLASTICITY INDEX IN PERCENT (ASTM D-424)
- NM NATURAL MOISTURE CONTENT IN PERCENT (ASTM D-2216)
- ▮ UNDISTURBED SAMPLE OBTAINED WITH A 3-INCH DIAMETER SHELBY TUBE

0 300 600
HORIZONTAL SCALE: FEET

ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS

DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	>50

II COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, QU, TSF	BLOW COUNT "N"
VERY SOFT	<1/4	0 TO 2
SOFT	1/4 TO 1/2	2 TO 4
MEDIUM STIFF	1/2 TO 1	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	>4	>30

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTIONS REFINE OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE LOCATION BORINGS. LOCAL VARIATIONS BETWEEN BORINGS SHOULD BE EXPECTED. GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS IN THE FUTURE.

BORROW AREA BORING PROFILES

Ardaman & Associates, Inc.
Consulting Engineers in Soils, Hydrogeology, Foundations, and Materials Testing

HYDROGEOLOGIC SURVEY
SARASOTA CENTRAL
COUNTY LANDFILL COMPLEX
SARASOTA COUNTY, FLORIDA

DRAWN BY: JJN	CHECKED BY: DGS	DATE: 3/5/92	
FILE NO. 89-135	APPROVED BY: H.E. Stanglund		

FIGURE 15