DWG PATH: I:\DW82\PROJECTS\5816009\DWG\fig-07.DWG acb

LEGEND

SB●65 SOIL BORING LOCATION

TV●03 TEMPORARY WELL LOCATION

MW-05 EXISTING WELL LOCATION

UNITS = pCi/g for SOIL
pCi/L for WATER

DEPTH INTERVAL (IN/MES)	GROSS ALPHA	GROSS BETA	PRINCIPLE RADIONUCLIDE ACTIVITY	FROM GAMMA SPECTROSCOPY (SOIL, SEE NOTE)**	FROM ALPHA SPECTROSCOPY (WATER)
12-24	1551.896	1363.861	721 (U-238)		

SHADING INDICATES FIELD FILTERED SAMPLE

***** NON PROCESS RELATED RADIONUCLIDE DETECTED (e.g. K-40).

**NOTE: *IF THE PRINCIPAL ISOTOPE ACTIVITY IS FROM AN ISOTOPE FROM THE THORIUM CHAIN, THE ACTINIUM-228 ACTIVITY IS PRESENTED AS THORIUM-232 AND THORIUM-234 ACTIVITY IS PRESENTED AS URANIUM-238. IF THE PRINCIPLE ISOTOPE ACTIVITY IS FROM AN ISOTOPE FROM THE URANIUM OR ACTINIUM CHAIN, THORIUM-234 ACTIVITY IS PRESENTED AS URANIUM-238.*

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IN CHARGE OF _____
DESIGNED BY _____ CHECKED BY _____
DRAWN BY _____

50 0 50 100
1"=50'

NO.	DATE	REVISION	INIT.

O'BRIEN & GERE ENGINEERS INC.

GTE OPERATIONS SUPPORT INCORPORATED
FORMER SYLVANIA ELECTRIC PRODUCTS
INCORPORATED FACILITY
HICKSVILLE, NEW YORK

SOIL & GROUND WATER
GROSS ALPHA, GROSS BETA,
U-238, AND Th-232 DATA

FILE NO. 5816.009.707
DATE DEC. 1999

7

DEC. 1999

D-06