

U-238 and TH-232 activities were interpolated from gamma spectroscopy analysis as follows:

PA-234m activity reported as U-238 if PA-234m activity was above reporting limit. Otherwise, TH-234 activity reported as U-238.

AC-228 activity reported as TH-232 activity.



LEGEND

- CURRENT BUILDINGS
- SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION
- SOIL BORING LOCATION
- TEMPORARY WELL LOCATION
- MW-05 ● EXISTING WELL LOCATION

HISTORIC STRUCTURES

- LP = LEACHING POOL CT = CISTERN HY = HYDRANT
- DW = DRY WELL ST = SEPTIC TANKS CP = CESSPOOL
- DR = DRAIN IL = INLET WM = WATER METER PIT

SAMPLE ID

SB-148	TH-232	0.818
U-238	U-238	0.818

FEET BELOW GRADE

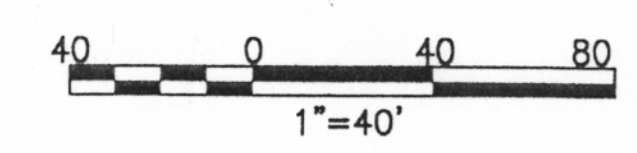
ANALYTE

CONCENTRATION WITH QUALIFIER(S)

- U - NOT DETECTED
- J - UNUSUALLY UNCERTAIN RESULT
- BU - NO STATISTICAL DIFFERENCE BETWEEN THE SAMPLE RESULT AND THE BLANK RESULT
- J1 - APPROXIMATED VALUE DUE TO GAMMA SPECTROMETRY PEAK PERFORMANCE (UNITS = $\mu\text{Ci/g}$)

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 _____

NO.	DATE	REVISION	INIT.



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

SUPPLEMENTAL INVESTIGATION
U-238 and Th-232
IN SOIL

FILE NO.
5816.009.808
 DATE
JULY 2001

D-07