



DEPARTMENT OF THE NAVY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

N96095 AR 000394
NWIRP CALVERTON NY
5090.3a

IN REPLY REFER TO

5090
Code 1821/JC

12 Jan 2000

MEMORANDUM

FOR THE MEMBERS OF THE RESTORATION ADVISORY BOARD (RAB) FOR THE INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) CALVERTON, NEW YORK

The Navy has scheduled a technical subcommittee meeting with the regulatory members of NWIRP Calverton's RAB which will be held on Monday, February 7, 2000 at the NYSDEC offices in Albany, New York. The meeting will begin at 9:30 a.m. This meeting is open to the community members of the RAB but not to the general public.

The main focus of this technical meeting will be to discuss and make decisions regarding the completeness of the Navy's Phase II RFI conducted at Site 2 - Fire Training Area. This discussion will revolve around the GIS-based, three-dimensional profiling figures developed for the Site 2 Parcel which have been attached to this letter. A status will also be given relating to other environmental work discussed at previous TRC and RAB meetings.

Decisions that are reached at this technical subcommittee meeting will then be announced at the next RAB meeting which will take place on **Wednesday, February 16, 2000**. This meeting is open to the general public and will be held at the Riverhead Masonic Lodge located at 1246 Roanoke Avenue in Riverhead, NY. The meeting will begin at 7:00 p.m. Directions to the Masonic Lodge have also been attached.

Also enclosed are the minutes from the Restoration Advisory Board meeting held on September 29, 1999. These minutes were paraphrased from the meeting's official transcript. In addition, the meeting agenda and a copy of the minutes from the September 22, 1999 technical subcommittee meeting have also been included as attachments to these minutes.

A copy of both the meeting minutes and the official transcript will be available for review at the Navy's Information Repository located at the Riverhead Free Library. In addition, the RAB's community co-chair will also be provided with two copies of the transcript.

If you need additional information, please call either Debbie Cohen of Tetra Tech NUS, Inc. at (412) 921-7118 or myself at (610) 595-0567, extension 163.

Sincerely,



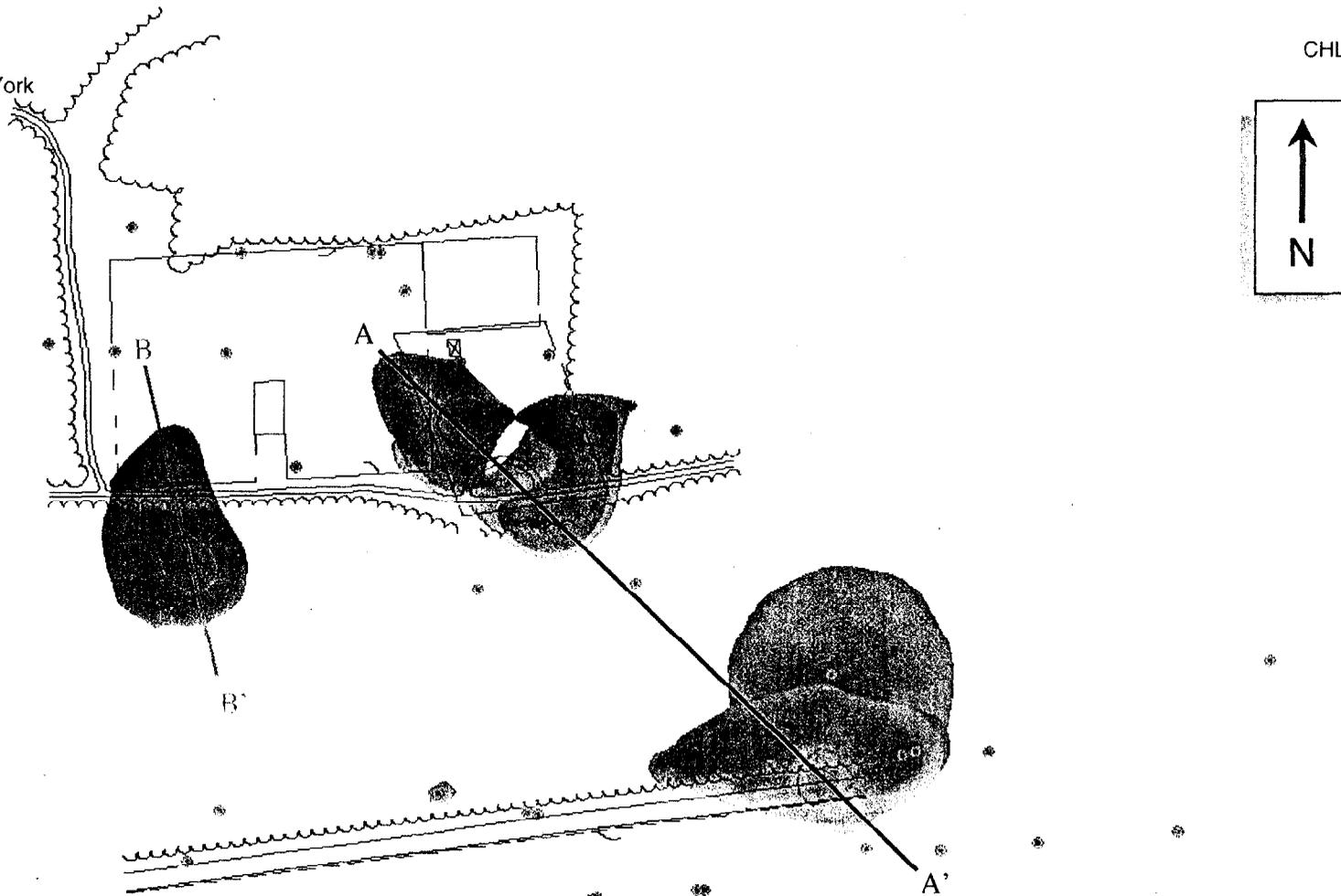
JAMES L. COLTER
Remedial Project Manager
By direction of the
Commanding Officer

Enclosures: (1) GIS-based Figures
(2) Directions to RAB Meeting
(3) Minutes from 9/29/99 RAB Meeting

Distribution:

NAVAIR, Judith Hare	Community RAB Member, Louis Cork
NYSDEC (Albany), Jeff McCullough	Community RAB Member, Herbert Golden
NYSDEC (Stony Brook), Stan Farkas	Community RAB Member, Bill Gunther
NYSDOH, Bill Gilday	Community RAB Member, Jean Mannhaupt
SCDHS, Jim Pim	Community RAB Member, Randolph Manning
U.S. EPA Region II, Carol Stein	Community RAB Member, Ann Miloski
Town of Riverhead, Andrea Lohneiss	Community RAB Member, Joseph Pannone
Nature Conservancy, Marilyn Jordan	Community RAB Member, Rev. Bob Pohlman
DCMC, Marty Simonson	Community RAB Member, John Quinn
J.A. Jones, Al Taormina	Community RAB Member, Vanie Tuthill
Community Co-Chair, Sherry Johnson	Community RAB Member, Warren Voegelin
Community RAB Member, Sidney Bail	Community RAB Member, Lorraine Collins
Community RAB Member, Henry Bookout	

EVS - 1



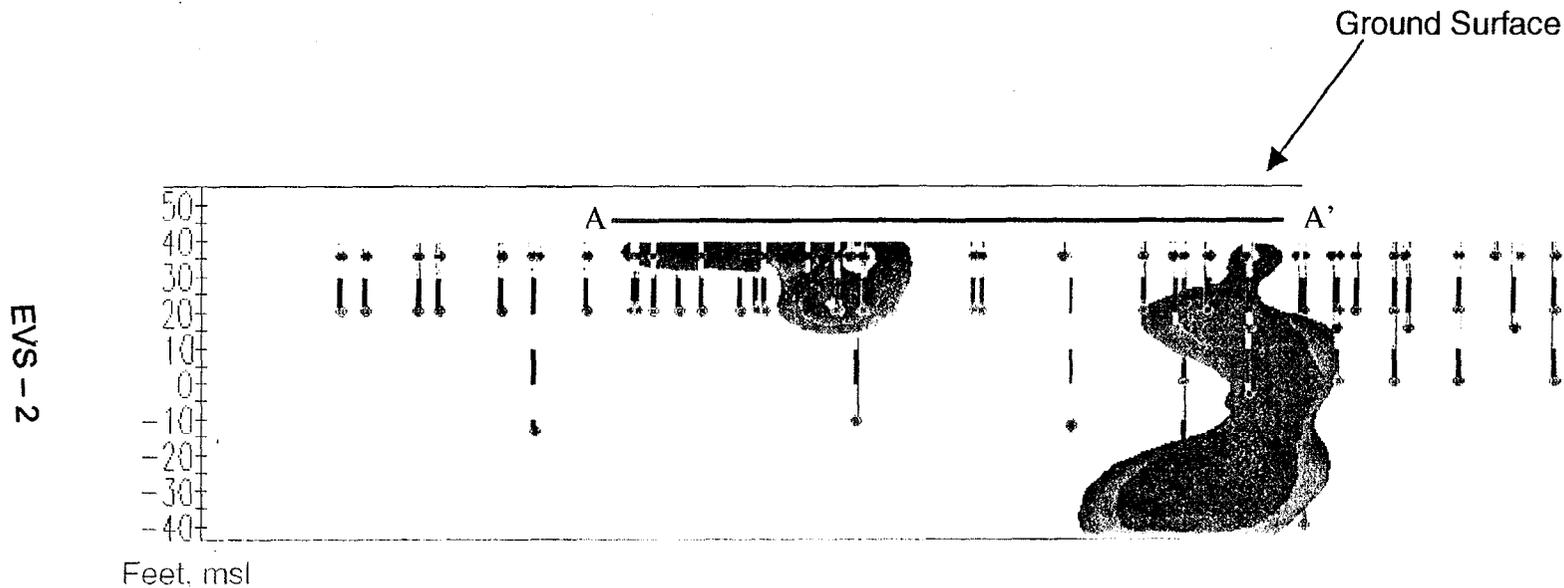
Notes:

- (1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).

**CHLORINATED ORGANICS SAMPLING LOCATIONS
PLAN VIEW
SITE 2**

LEGEND

- | | |
|--|----------------|
| | Non-detect - 5 |
| | 5 - 50 |
| | 50 - 500 |
| | 500 - Maximum |



EVS - 2

Notes:

(1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.

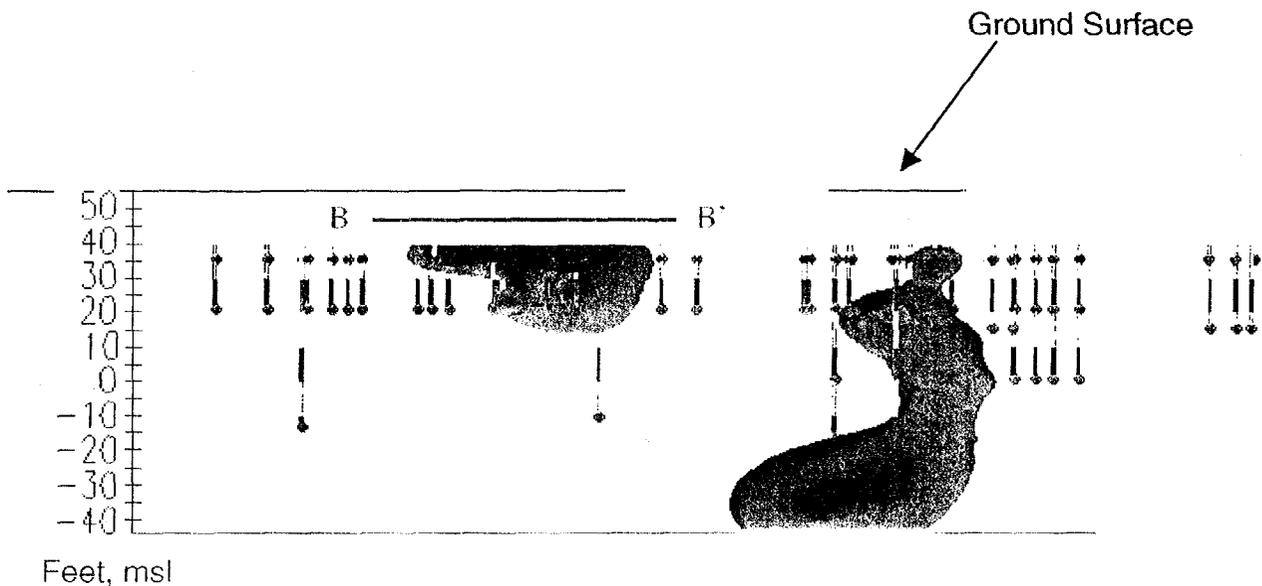
(2) All concentrations are reported micrograms per liter (ug/l).

**CHLORINATED ORGANICS SAMPLING LOCATIONS
CROSS SECTION A - A'
SITE 2**

LEGEND

-  Non-detect - 5
-  5 - 50
-  50 - 500
-  500 - Maximum

EVS - 3



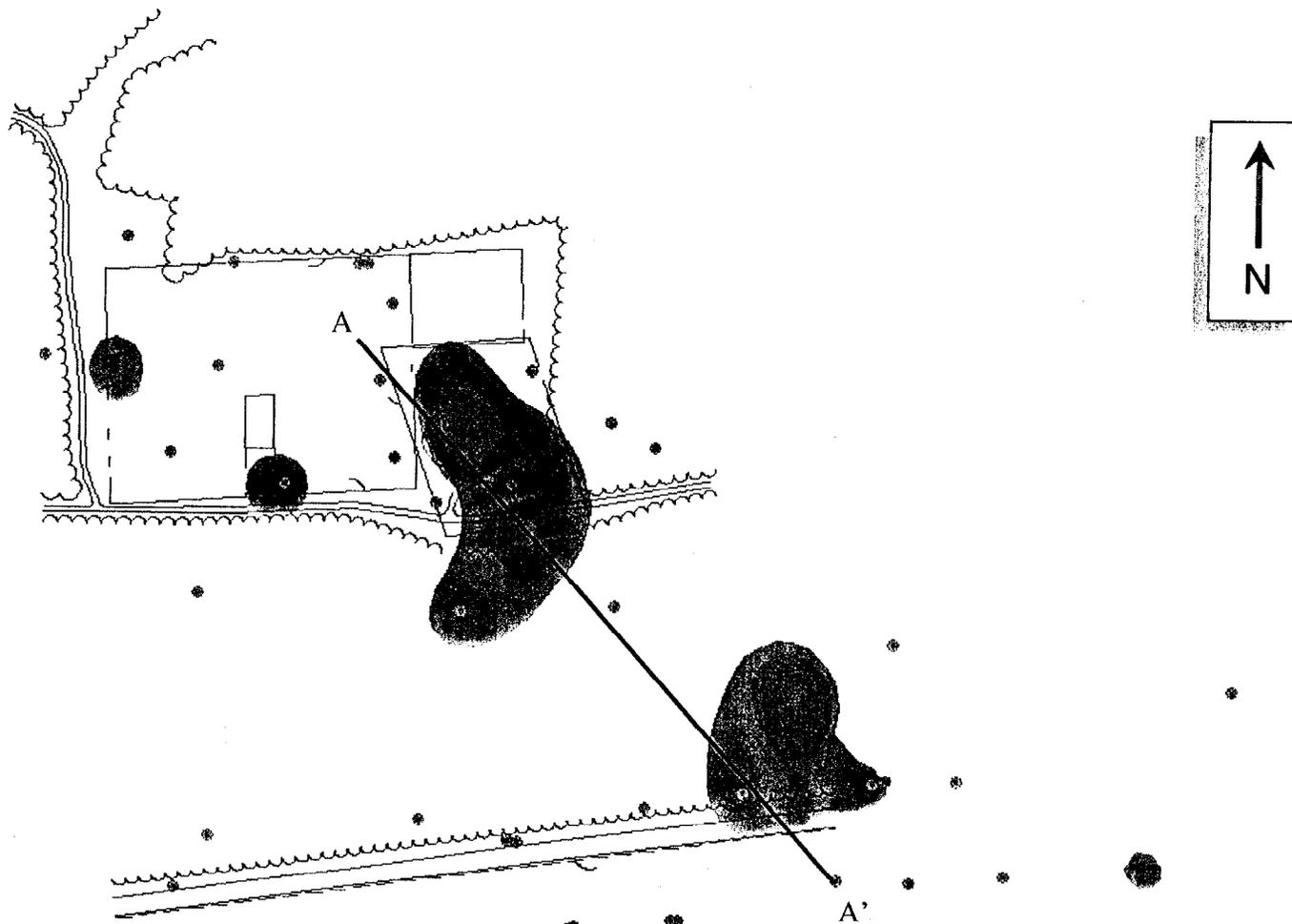
Notes:

(1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.

(2) All concentrations are reported micrograms per liter (ug/l).

LEGEND	
□	Non-detect - 5
■	5 - 50
□	50 - 500
■	500 - Maximum

**CHLORINATED ORGANICS SAMPLING LOCATIONS
CROSS SECTION B - B'
SITE 2**



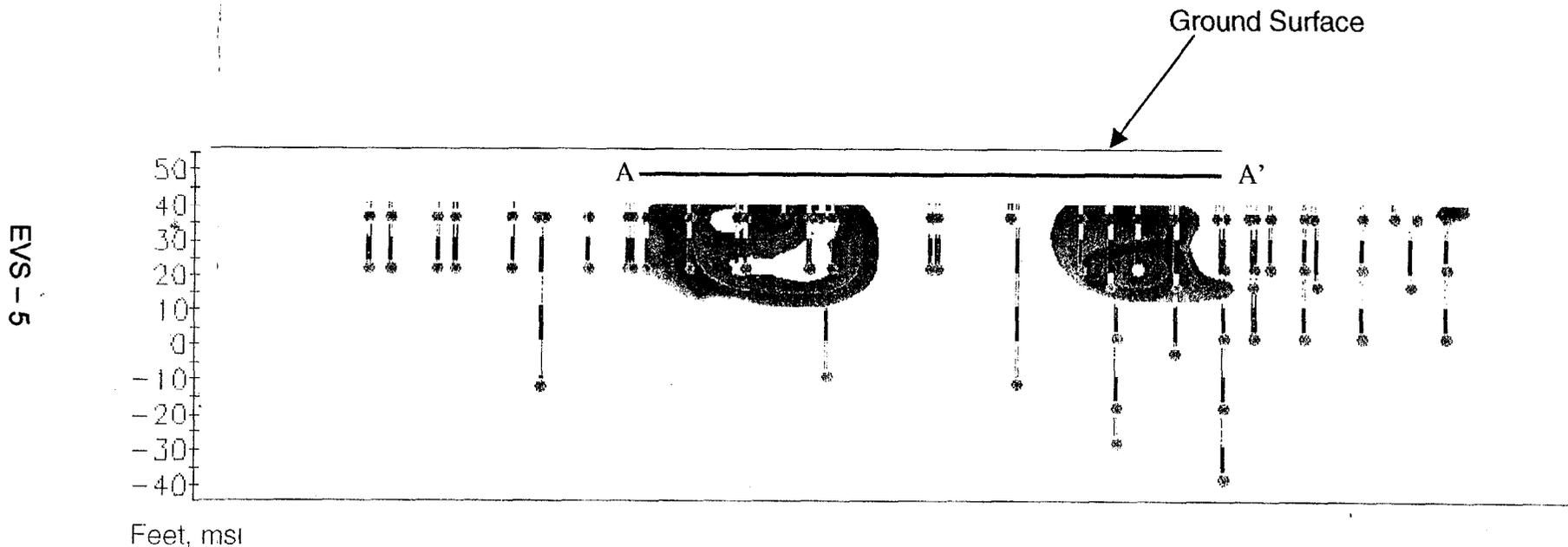
EVS - 4

Notes:

- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).
- (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

**BTEX EXCEEDING 0.7 UG/L
PLAN VIEW
SITE 2**

LEGEND	
□	Non-detect - 5
■	5 - 50
■	50 - 500
■	500 - Maximum

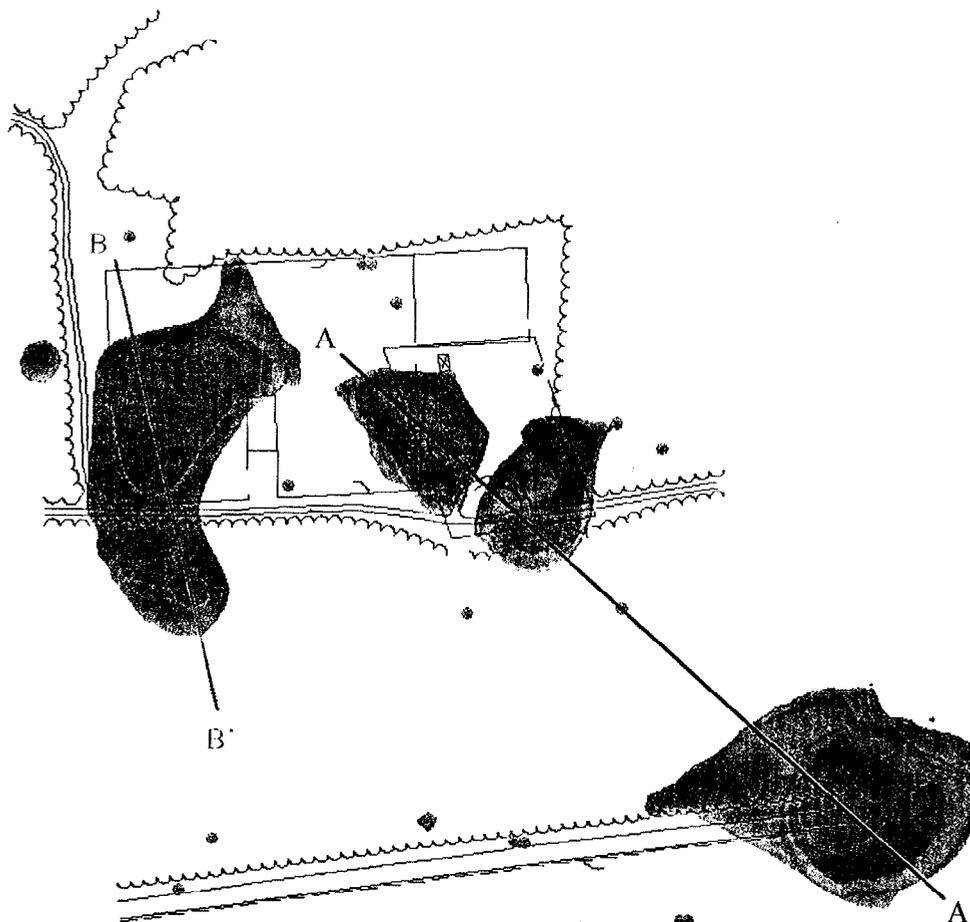


Notes:

- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).
- (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

**BTEX EXCEEDING 0.7 UG/L
CROSS-SECTION A - A'
SITE 2**

LEGEND	
□	Non-detect - 5
■	5 - 50
□	50 - 500
■	500 - Maximum



EVS - 6

Notes:

(1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.

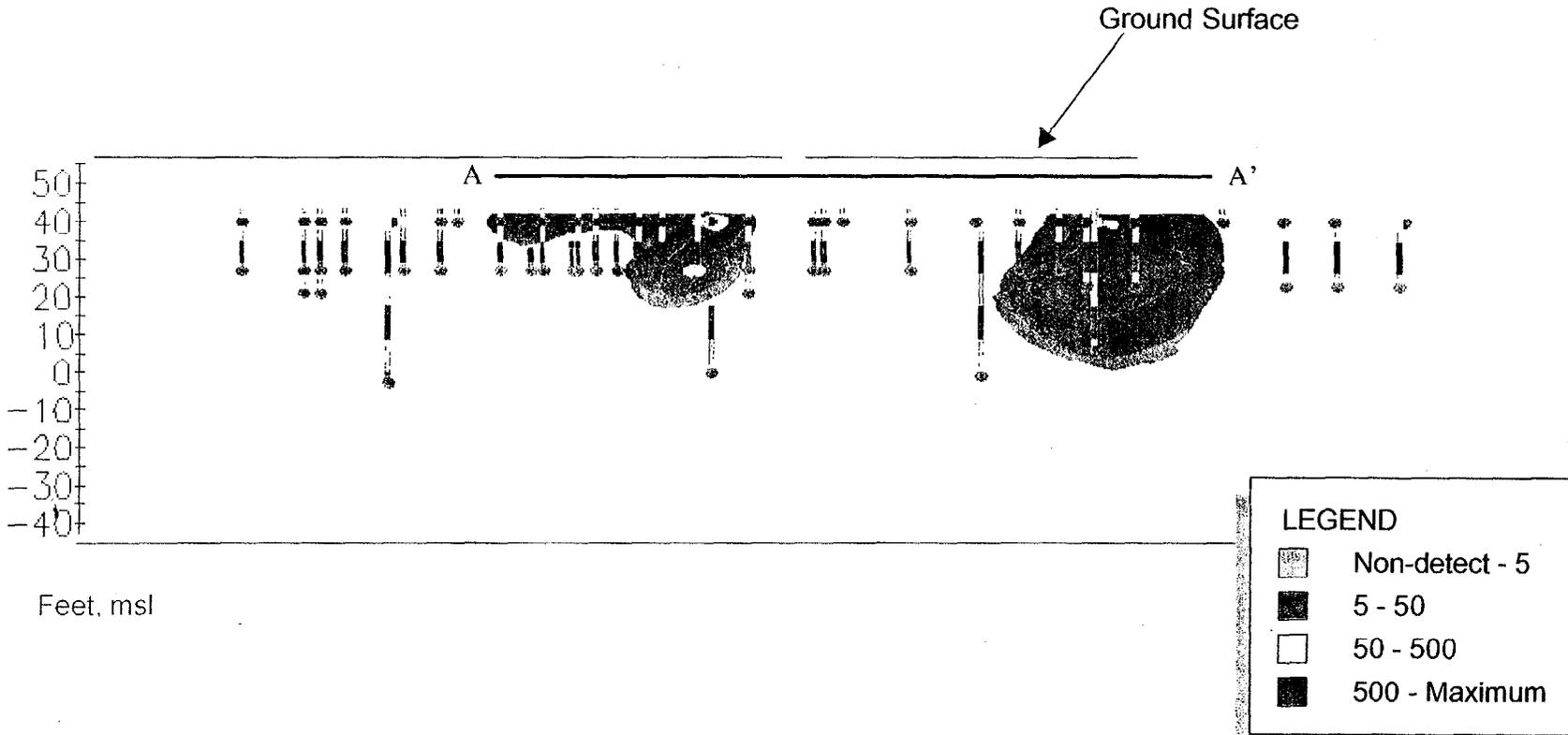
(2) All concentrations are reported micrograms per liter (ug/l).

**PRE-1995
CHLORINATED ORGANICS FOR GROUNDWATER
PLAN VIEW
SITE 2**

LEGEND

-  Non-detect - 5
-  5 - 50
-  50 - 500
-  500 - Maximum

EVS-7

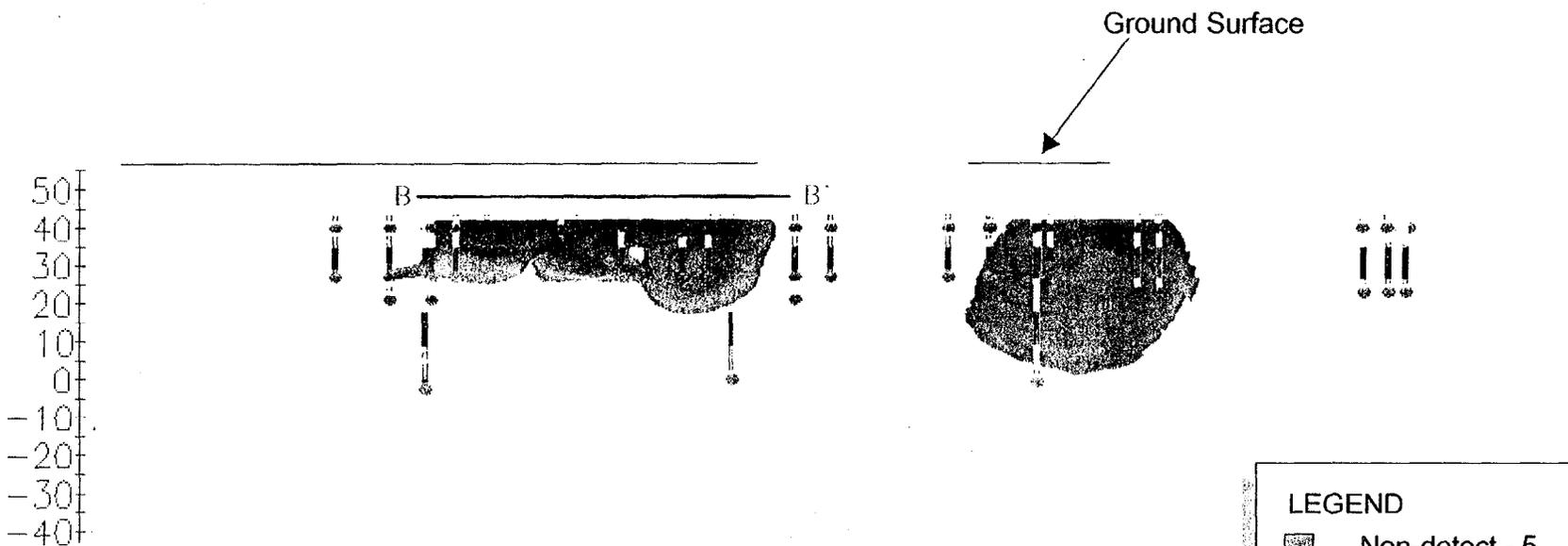


**PRE-1995
CHLORINATED ORGANICS SAMPLING LOCATIONS
FOR GROUNDWATER
CROSS SECTION A - A'
SITE 2**

Notes:

- (1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).

EVS - 8



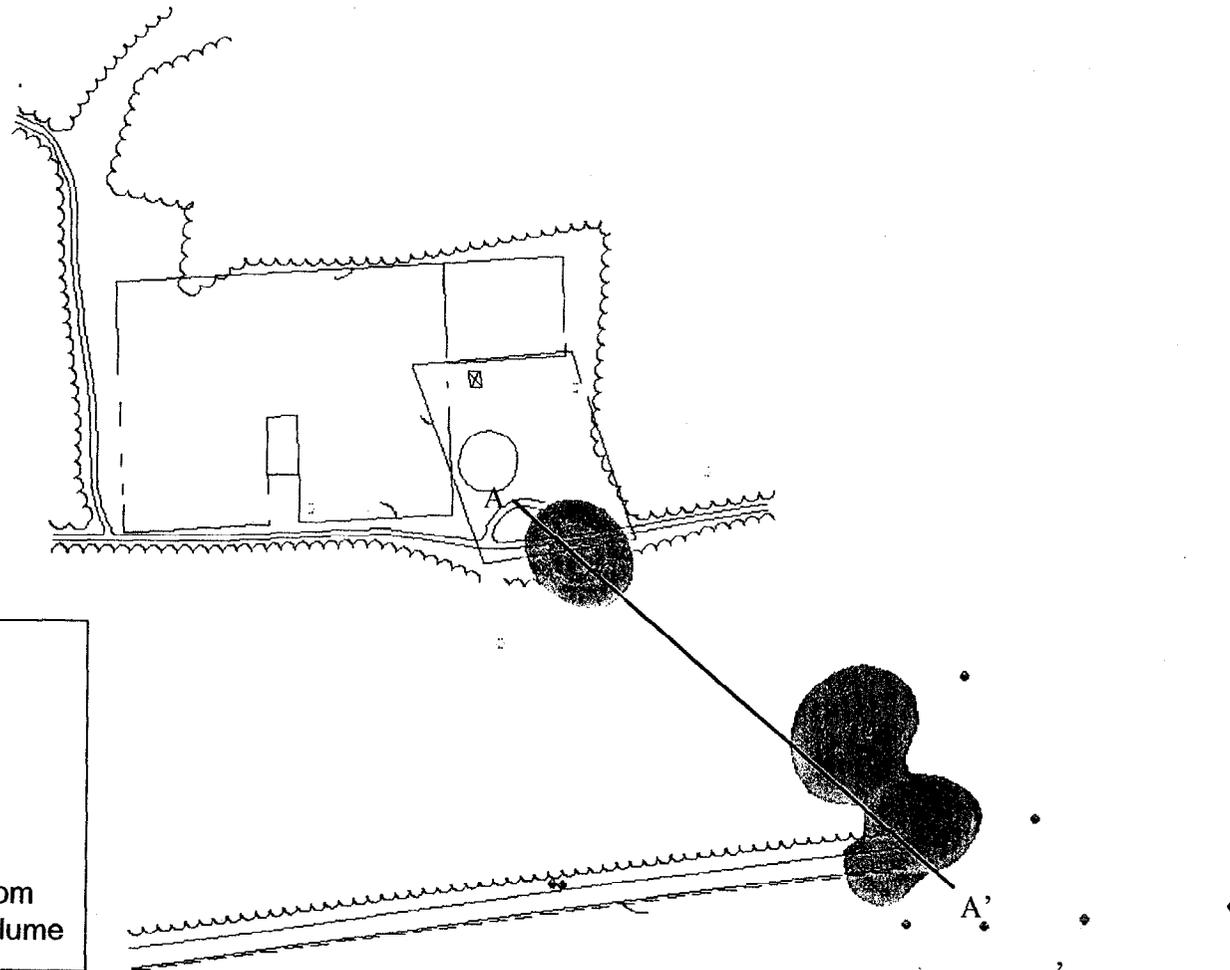
Feet, msl

LEGEND	
	Non-detect - 5
	5 - 50
	50 - 500
	500 - Maximum

**PRE-1995
 CHLORINATED ORGANICS SAMPLING LOCATIONS
 FOR GROUNDWATER
 CROSS SECTION B - B'
 SITE 2**

- Notes:
- (1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.
 - (2) All concentrations are reported micrograms per liter (ug/l).

EVS - 9



LEGEND

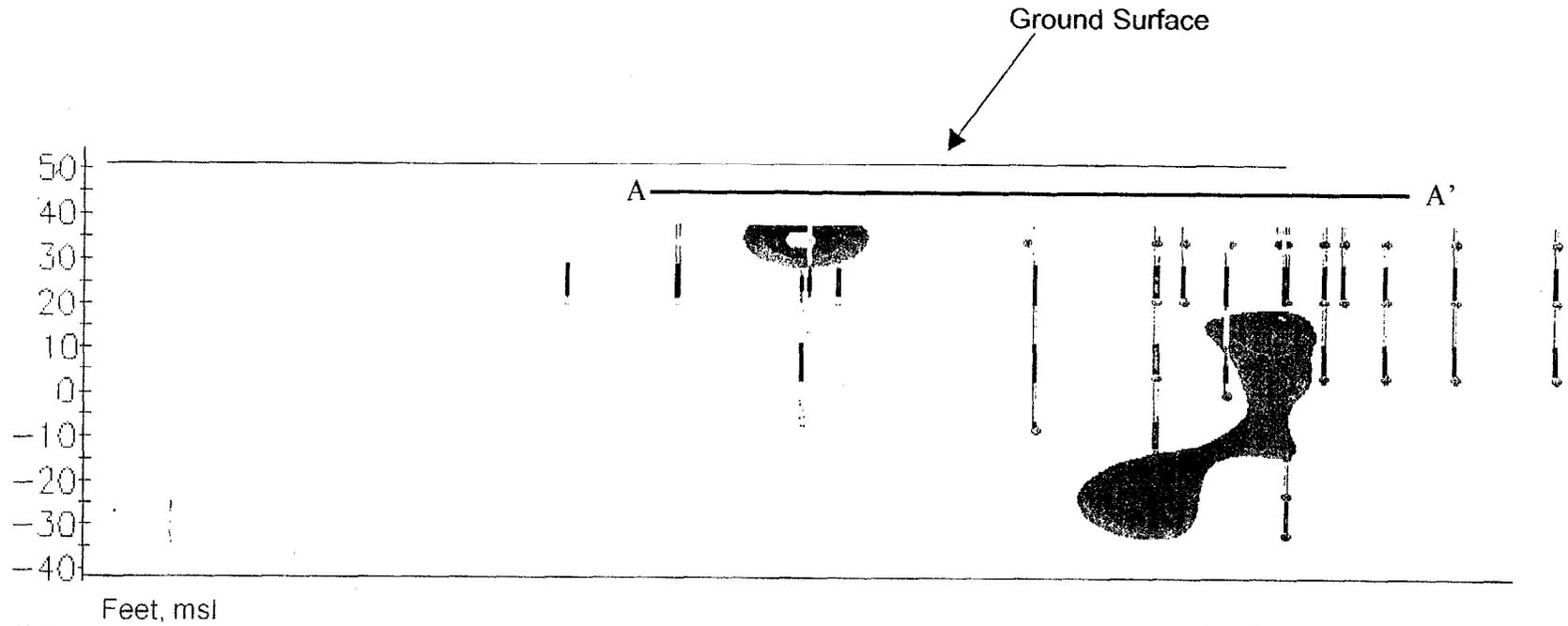
-  Non-detect - 5
-  5 - 50
-  50 - 500
-  500 - Maximum
-  Sample Points from 1995 to Bound Plume

**POST-1997
CHLORINATED ORGANICS SAMPLING LOCATIONS
FOR GROUNDWATER
PLAN VIEW
SITE 2**

Notes:

- (1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).

EVS - 10



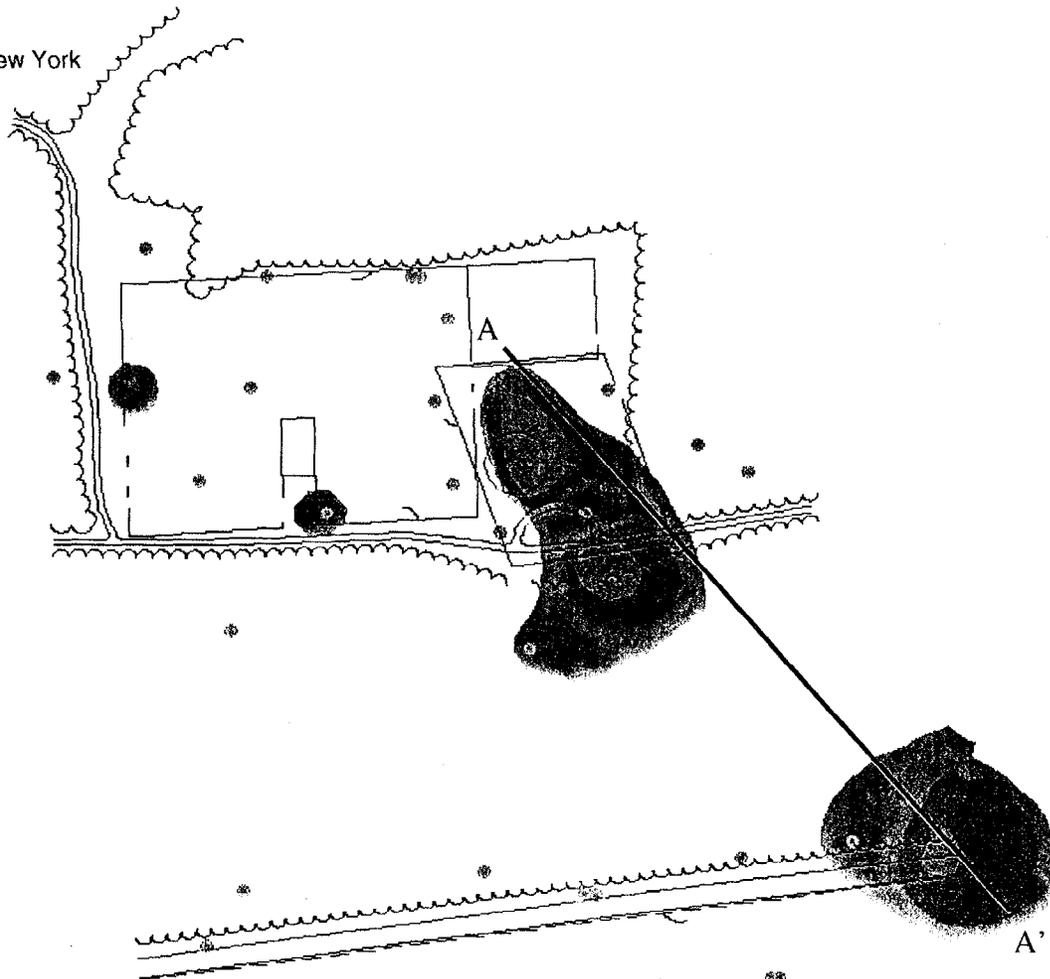
Notes:

- (1) The concentration at each sample location is the maximum detection of trichloroethene, tetrachloroethene, chloroethane, 1,1,1-trichloroethane, 1,1-dichloroethane, vinyl chloride, or 1,1-dichloroethene that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).

**POST-1997
CHLORINATED ORGANICS SAMPLING LOCATIONS
FOR GROUNDWATER
CROSS SECTION A - A'
SITE 2**

LEGEND

- Non-detect - 5
- 5 - 50
- 50 - 500
- 500 - Maximum
- Sample Points from 1995 to Bound Plume

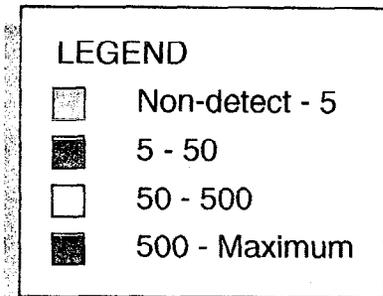


EVS - 11

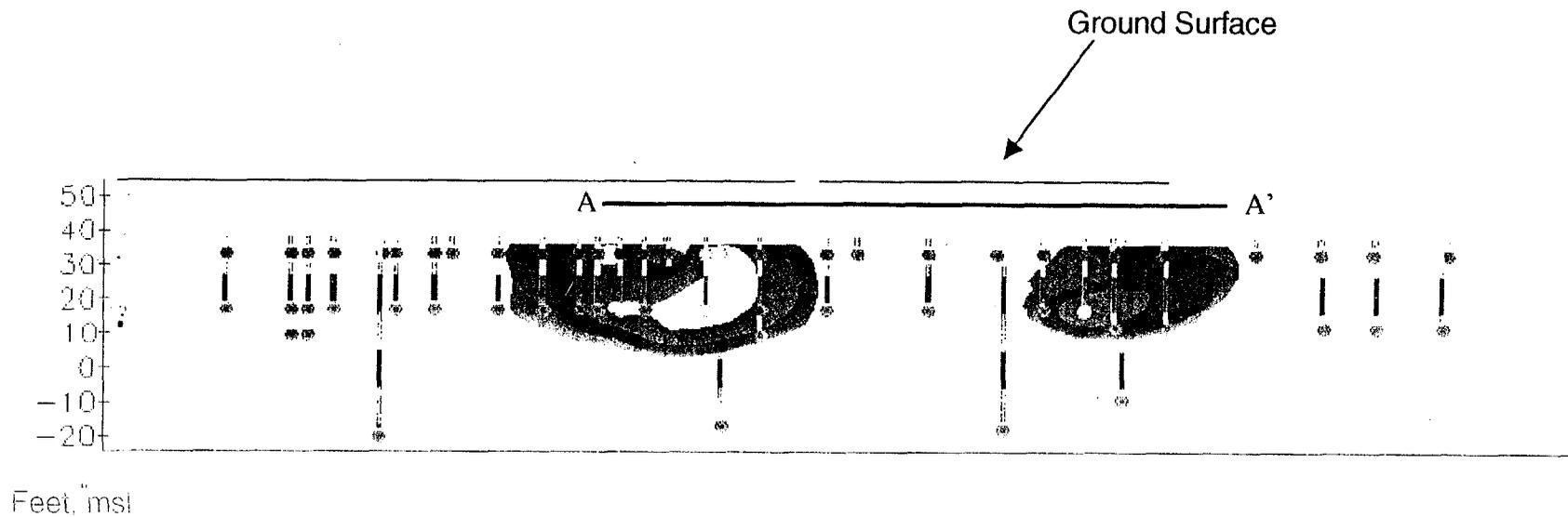
Notes:

- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).
- (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

**PRE-1995 BTEX EXCEEDING 0.7 UG/L
FOR GROUNDWATER
PLAN VIEW
SITE 2**



EVS - 12



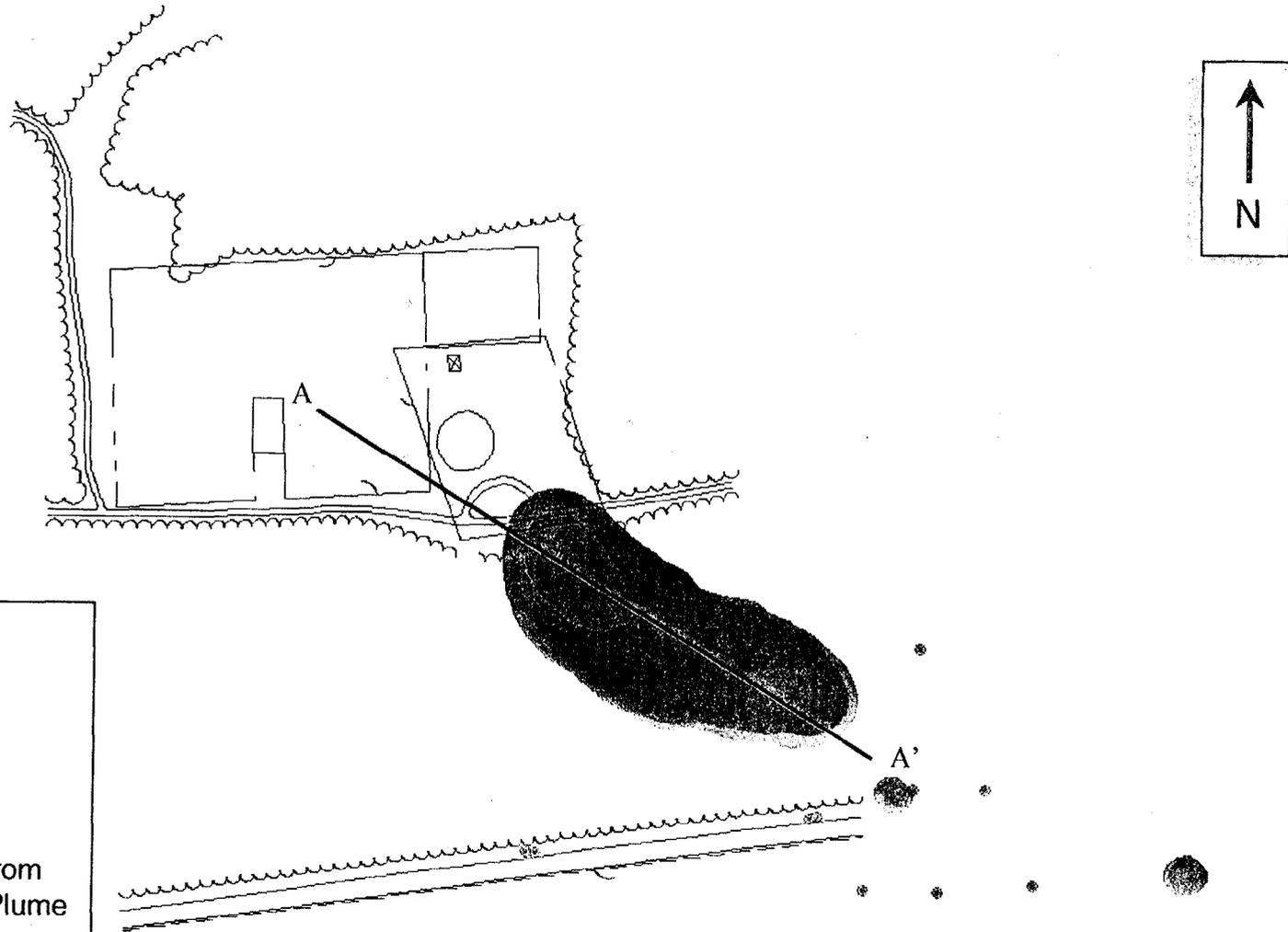
Notes:

- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).
- (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

LEGEND	
	Non-detect - 5
	5 - 50
	50 - 500
	500 - Maximum

**PRE-1995 BTEX EXCEEDING 0.7 UG/L
 FOR GROUNDWATER
 CROSS SECTION A - A'
 SITE 2**

EVS - 13



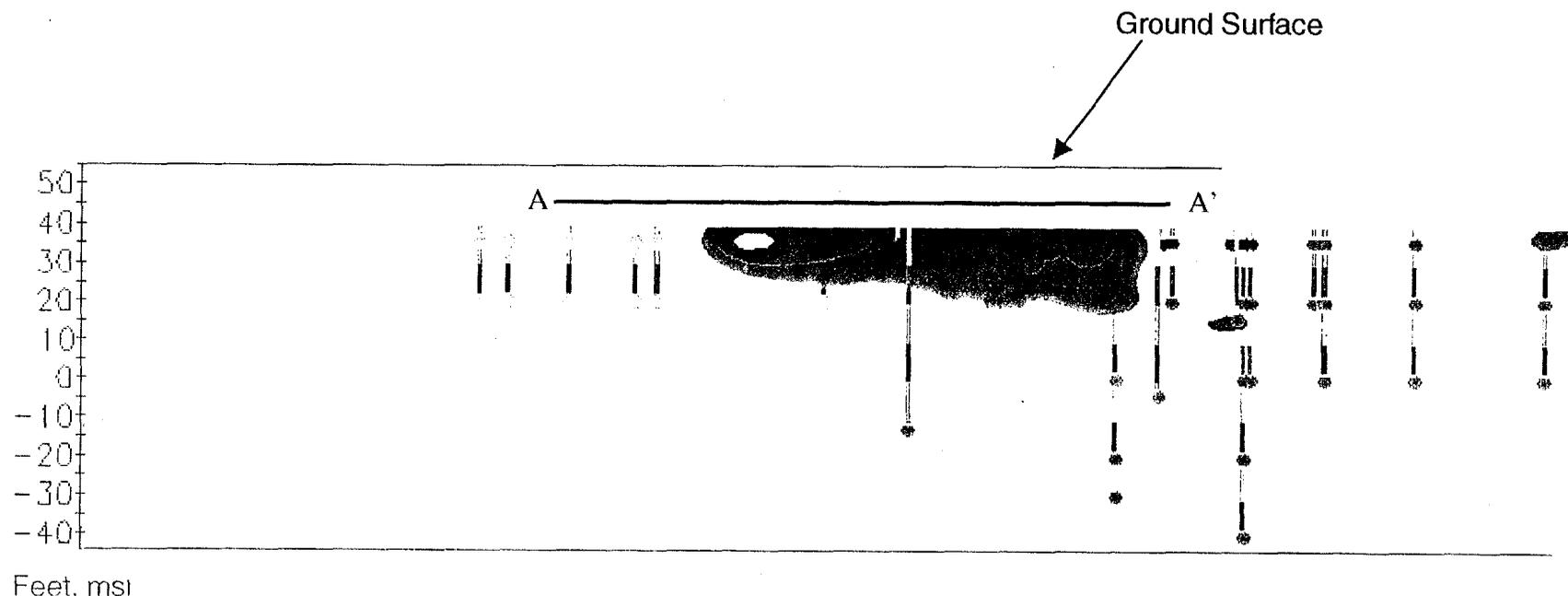
LEGEND

- Non-detect - 5
- 5 - 50
- 50 - 500
- 500 - Maximum
- Sample Points from 1995 to Bound Plume

**POST-1997 BTEX EXCEEDING 0.7 UG/L
FOR GROUNDWATER
PLAN VIEW
SITE 2**

- Notes:
- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
 - (2) All concentrations are reported micrograms per liter (ug/l).
 - (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

EVS - 14



Notes:

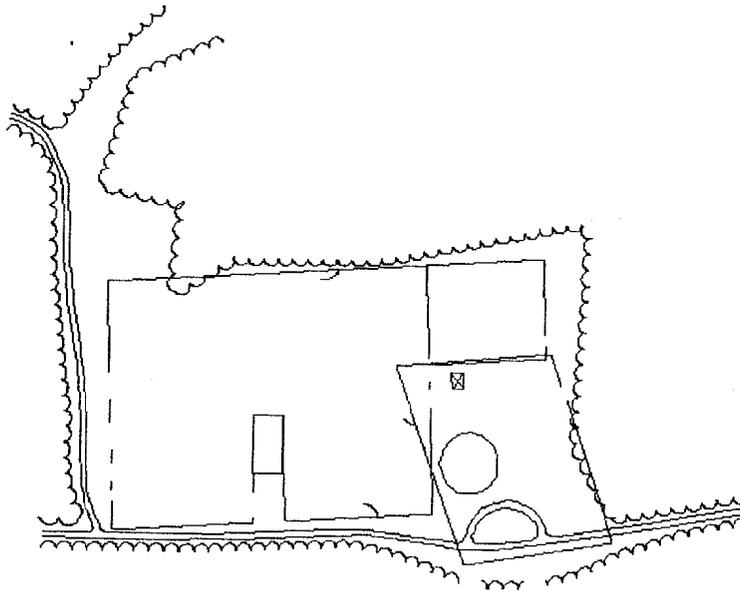
- (1) The concentration at each sample location is the maximum detection of benzene, toluene, ethylbenzene, or total xylenes that was detected at that location.
- (2) All concentrations are reported micrograms per liter (ug/l).
- (3) Blue sample points indicate non-detect; blue plume indicates 0.7 - 5 ug/l range.

**POST-1997 BTEX EXCEEDING 0.7 UG/L
FOR GROUNDWATER
CROSS SECTION A-A'
SITE 2**

LEGEND

- Non-detect - 5
- 5 - 50
- 50 - 500
- 500 - Maximum
- Sample Points from 1995 to Bound Plume

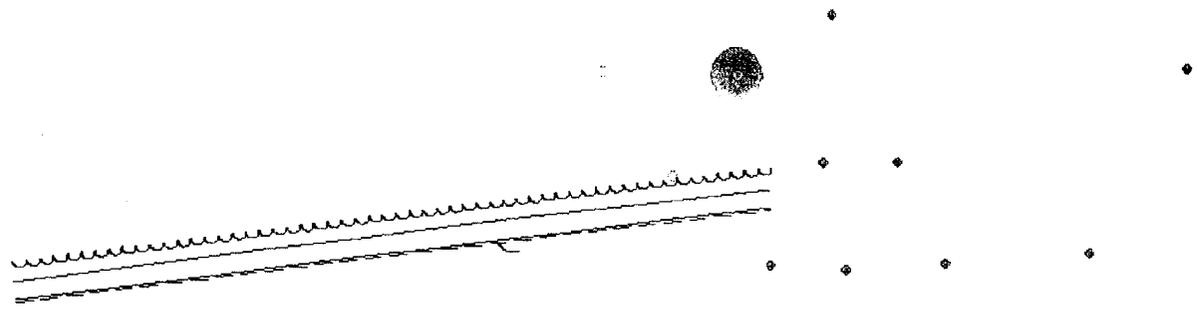
EVS - 15



LEGEND

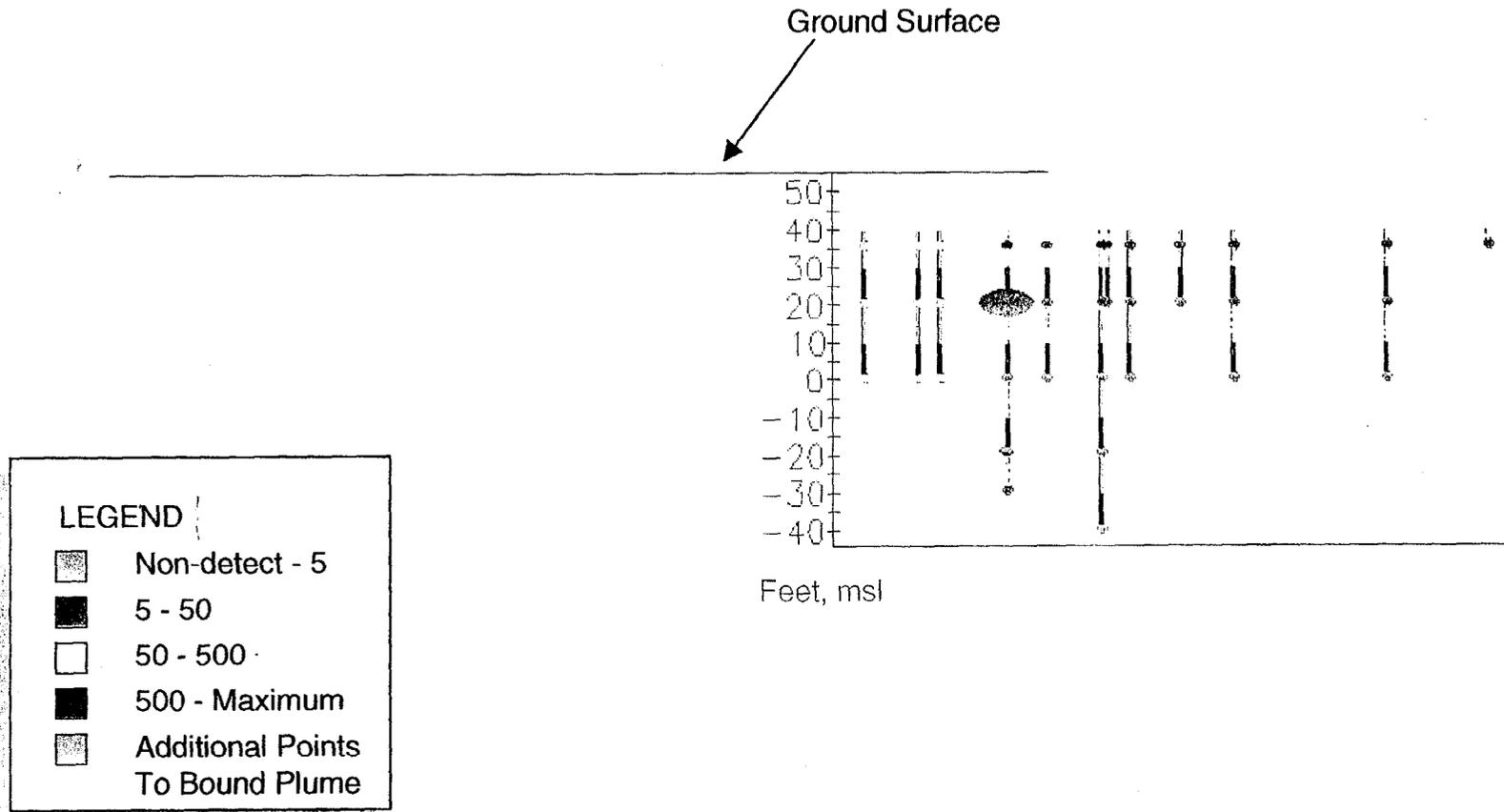
	Non-detect - 5
	5 - 50
	50 - 500
	500 - Maximum
	Additional Points To Bound Plume

**FREON SAMPLING LOCATIONS
PLAN VIEW
SITE 2**



Note: All concentrations are reported micrograms per liter (ug/l).

EVS - 16



**FREON SAMPLING LOCATIONS
SIDE VIEW
SITE 2**

Notes:

- (1) All concentrations are reported micrograms per liter (ug/l).
- (2) Side view is oriented at azimuth 180 (facing due north), elevation 0.