

Figure 2-1. Locations of Surface Sediment Stations for the Substance Distribution Investigation

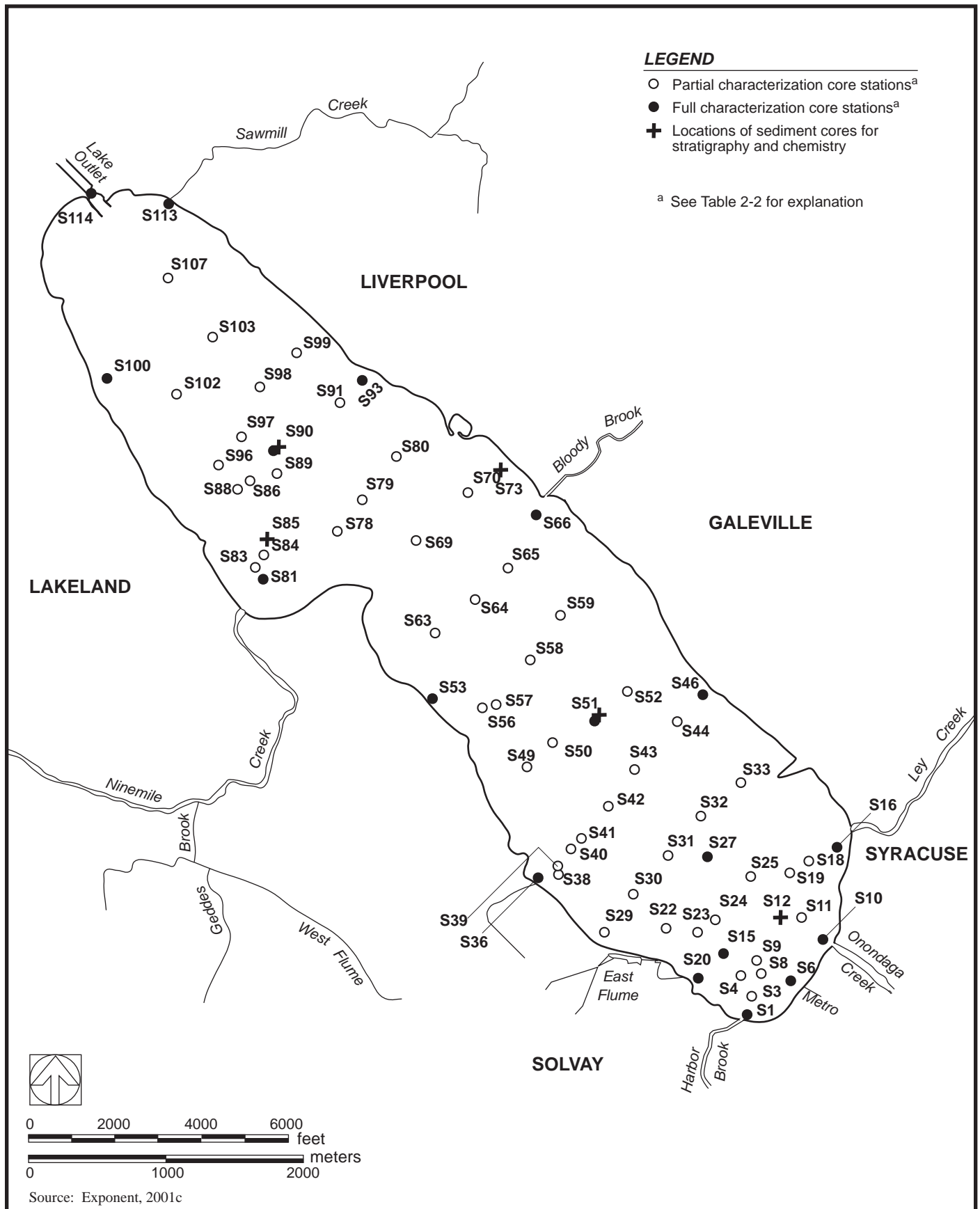


Figure 2-2. Locations of sediment core stations for the substance distribution investigation

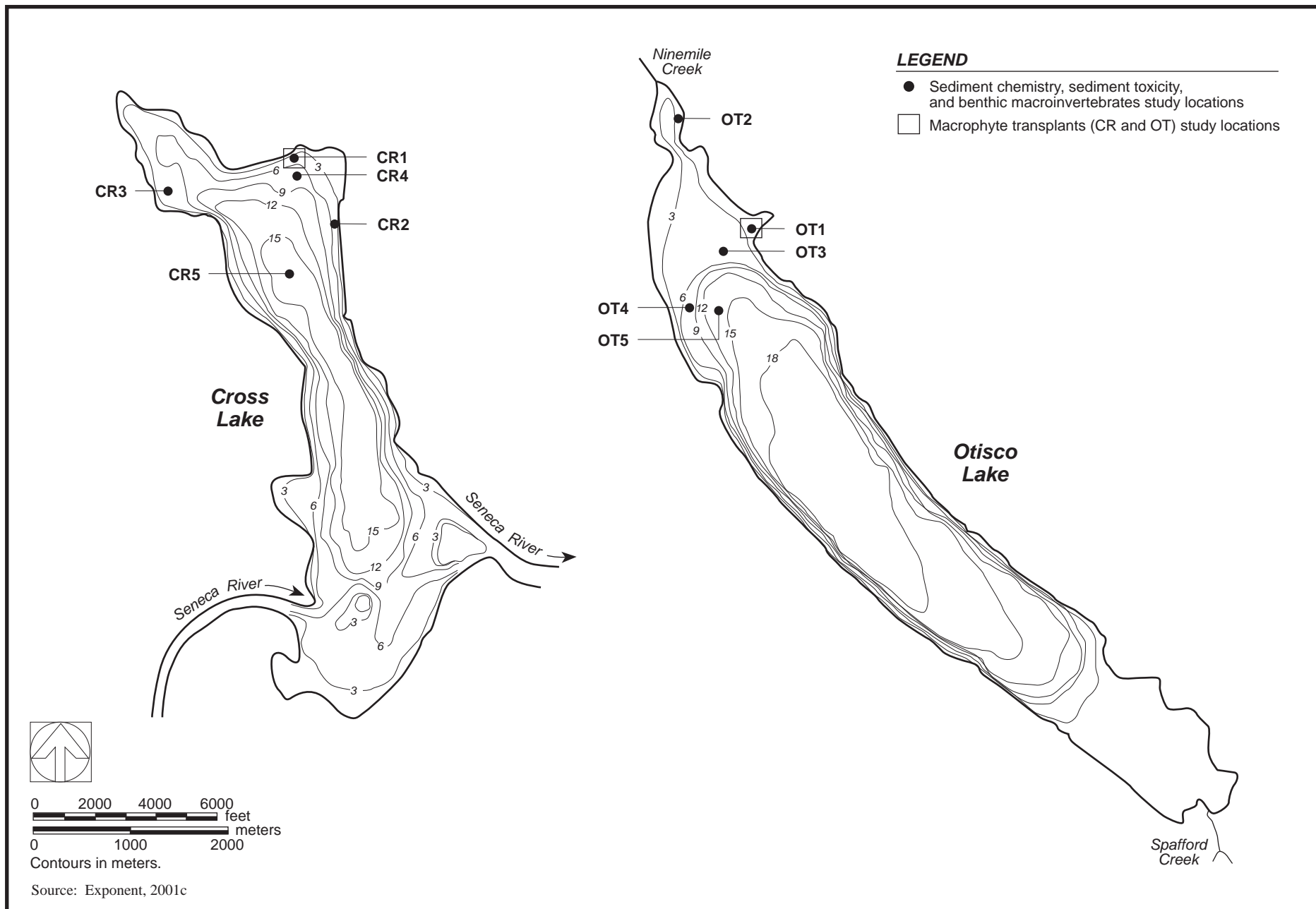


Figure 2-3. Locations of sampling and transplant stations for the substance distribution and ecological effects investigations

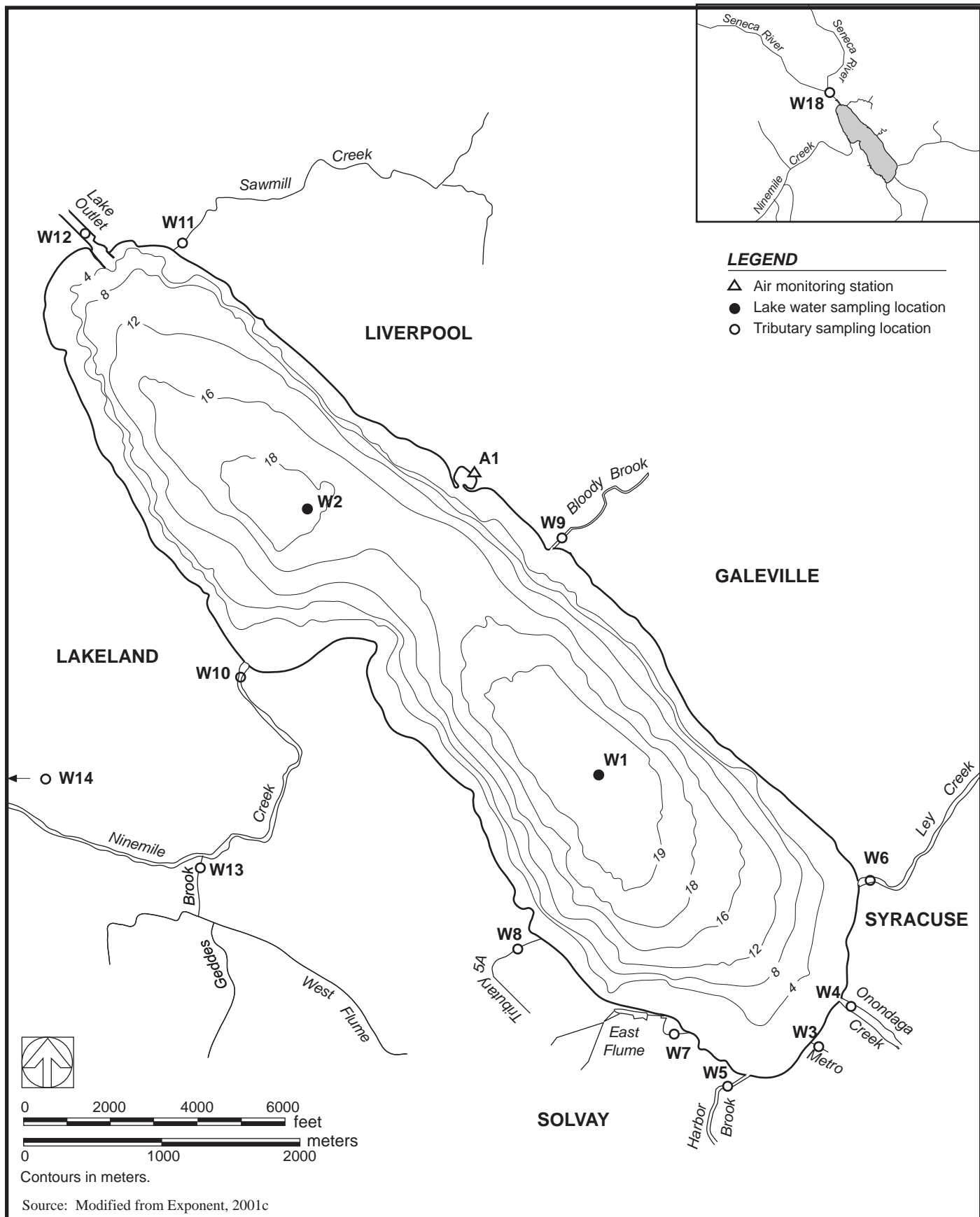


Figure 2-4. Locations of Lake and Tributary Water Sampling, Metro Discharge Sampling and Air Monitoring Stations for the Mercury and Calcite Mass Balance Investigation

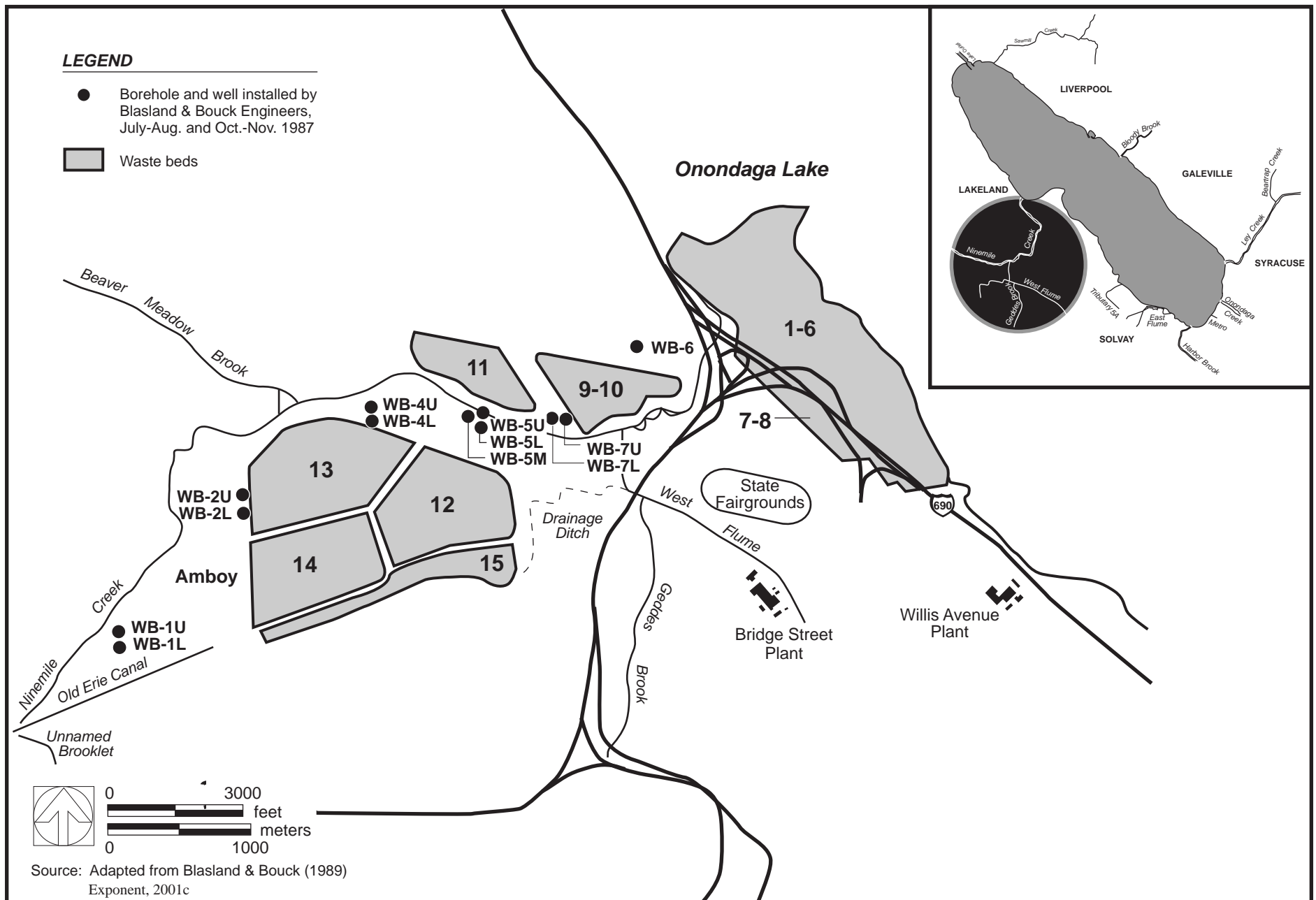


Figure 2-5. Locations of groundwater wells for the substance distribution investigation

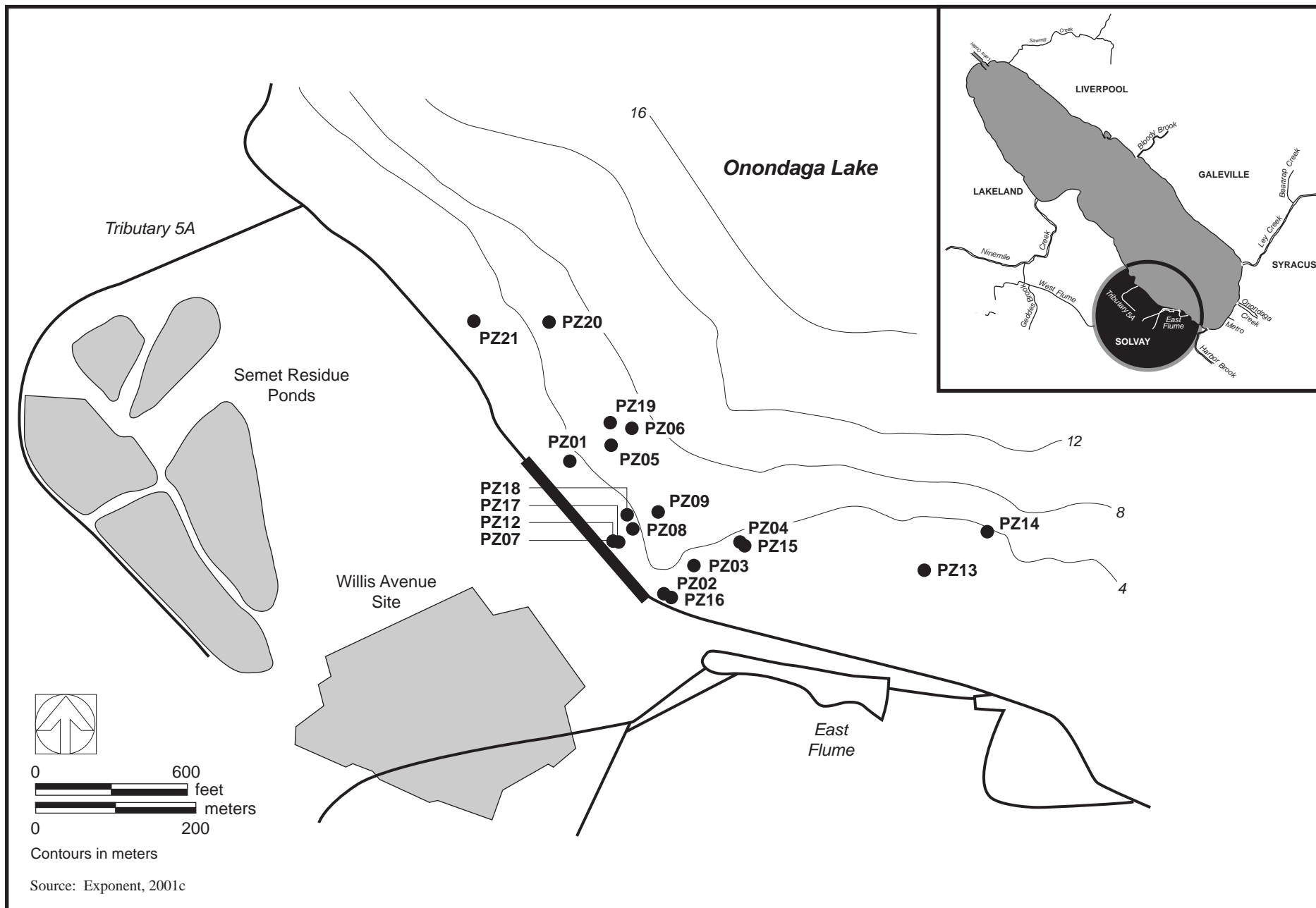


Figure 2-6. Locations of minipiezometers (PZ1–PZ9) and piezometers (PZ12–PZ21) for the substance distribution investigation

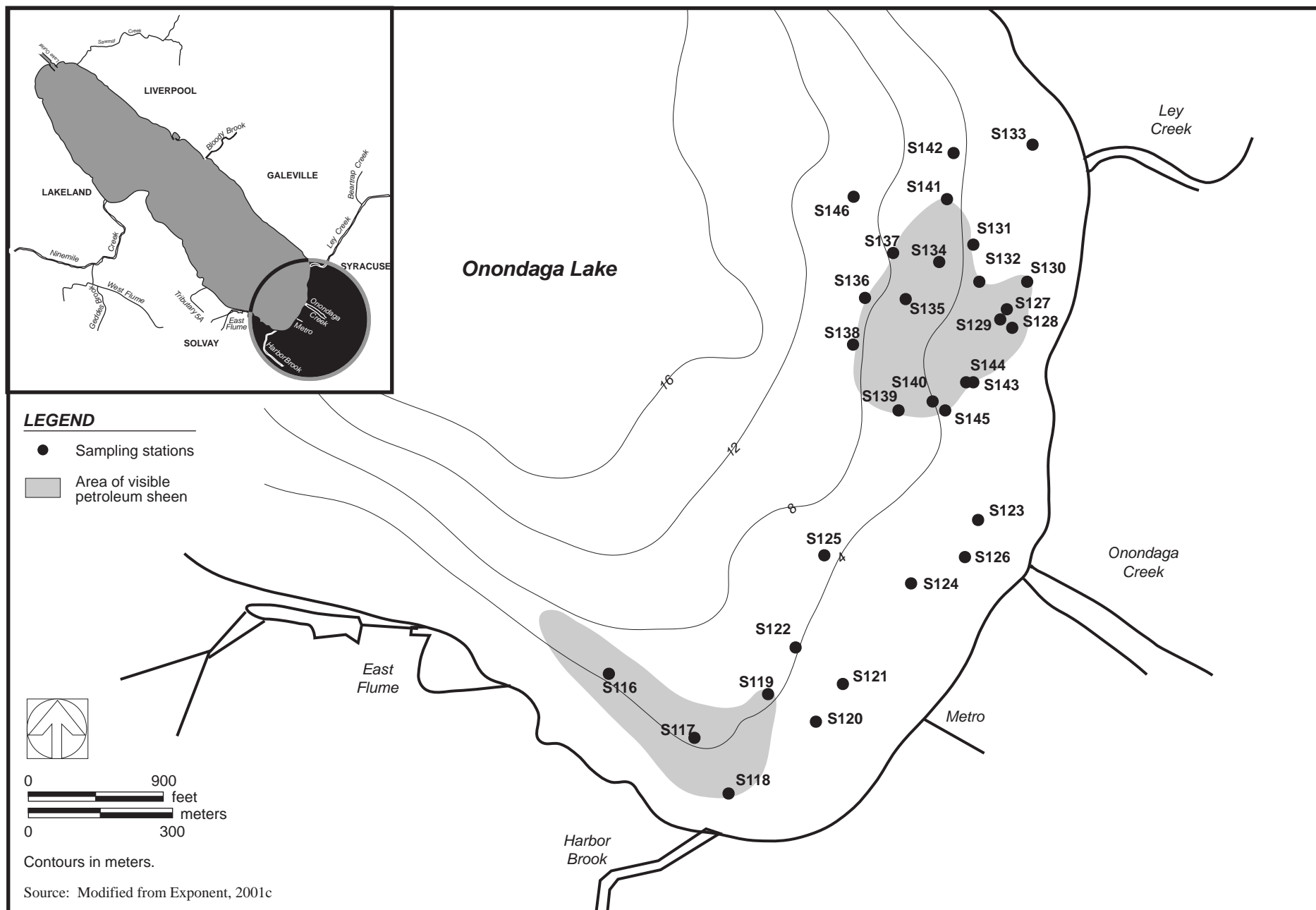


Figure 2-7. Locations of Surface Sediment Stations for the Petroleum Hydrocarbon Study in the Substance Distribution Investigation

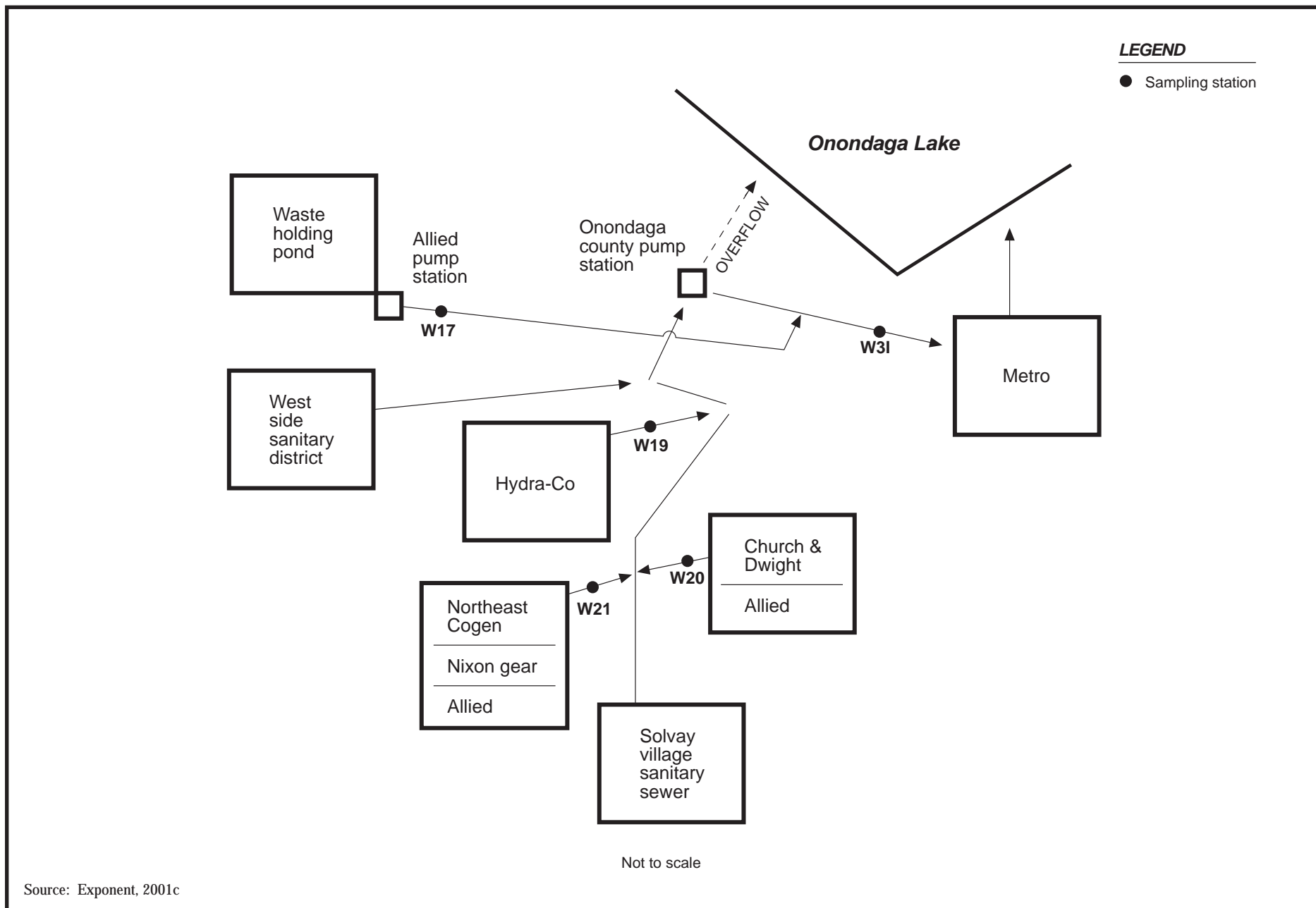


Figure 2-8. Schematic of Metro sampling stations for the mercury and calcite mass balance investigation



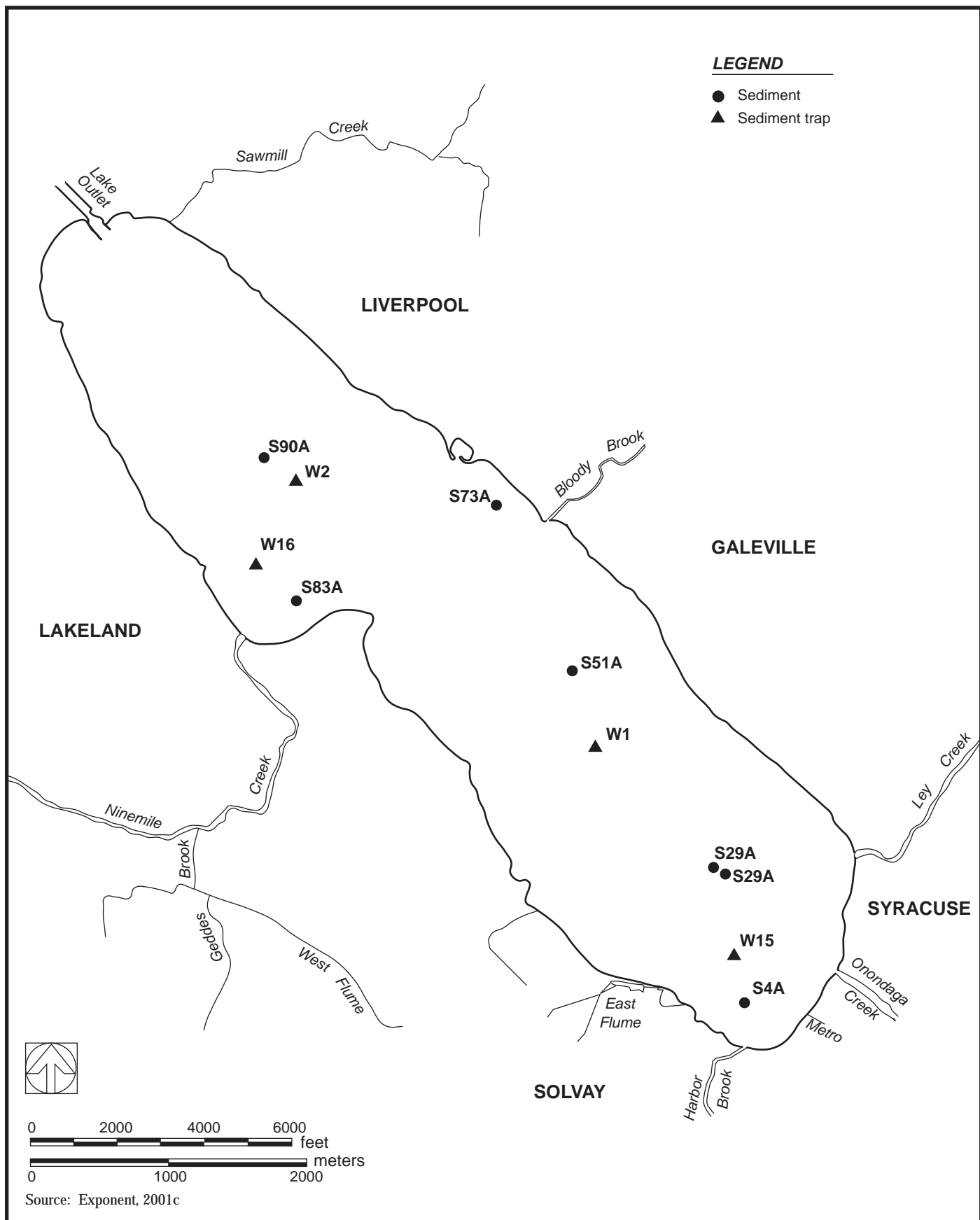


Figure 2-9. Locations of sediment and sediment trap sampling stations for the mercury and calcite mass balance investigation

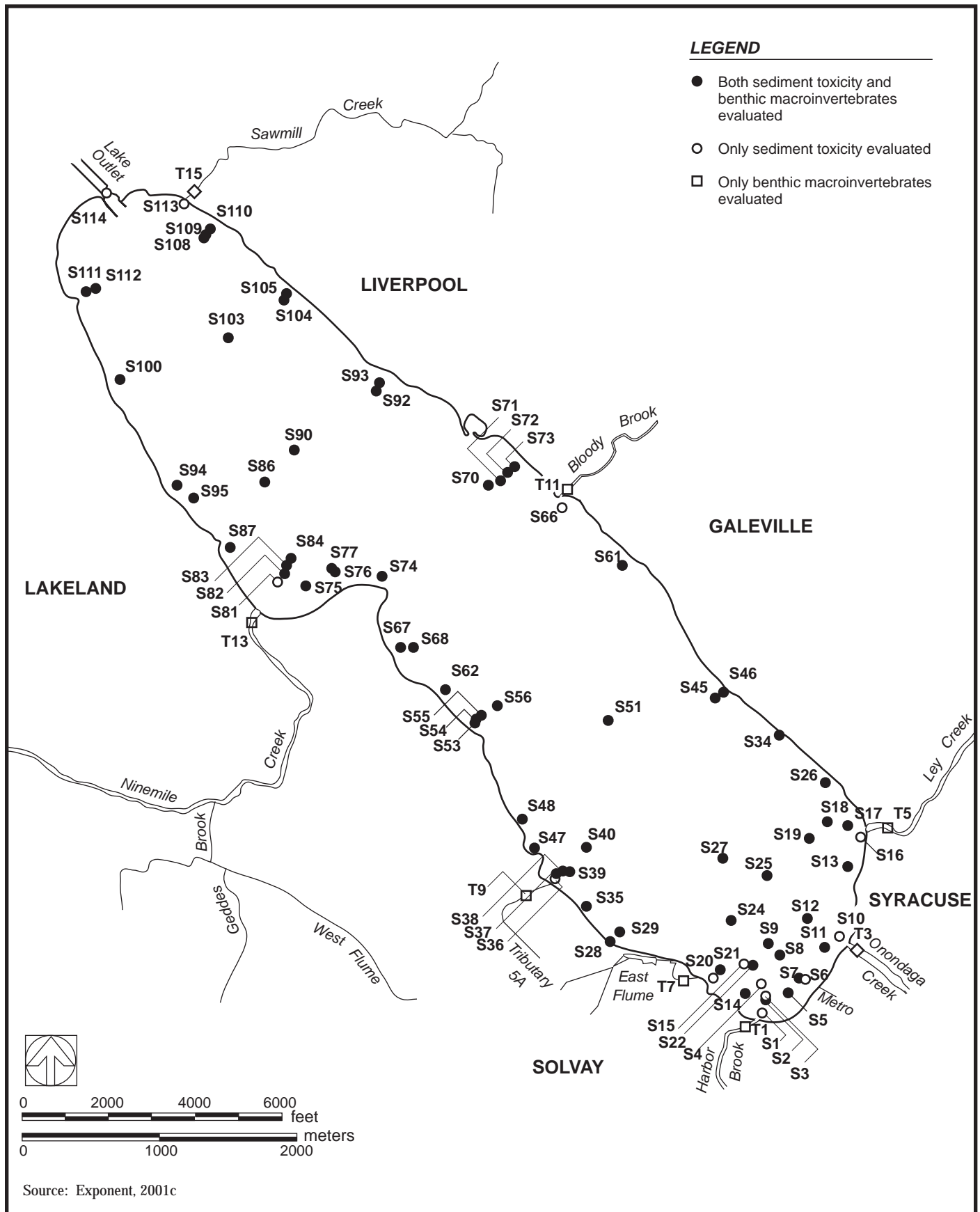


Figure 2-10. Locations of stations for the sediment toxicity and benthic macroinvertebrate studies of the ecological effects investigation

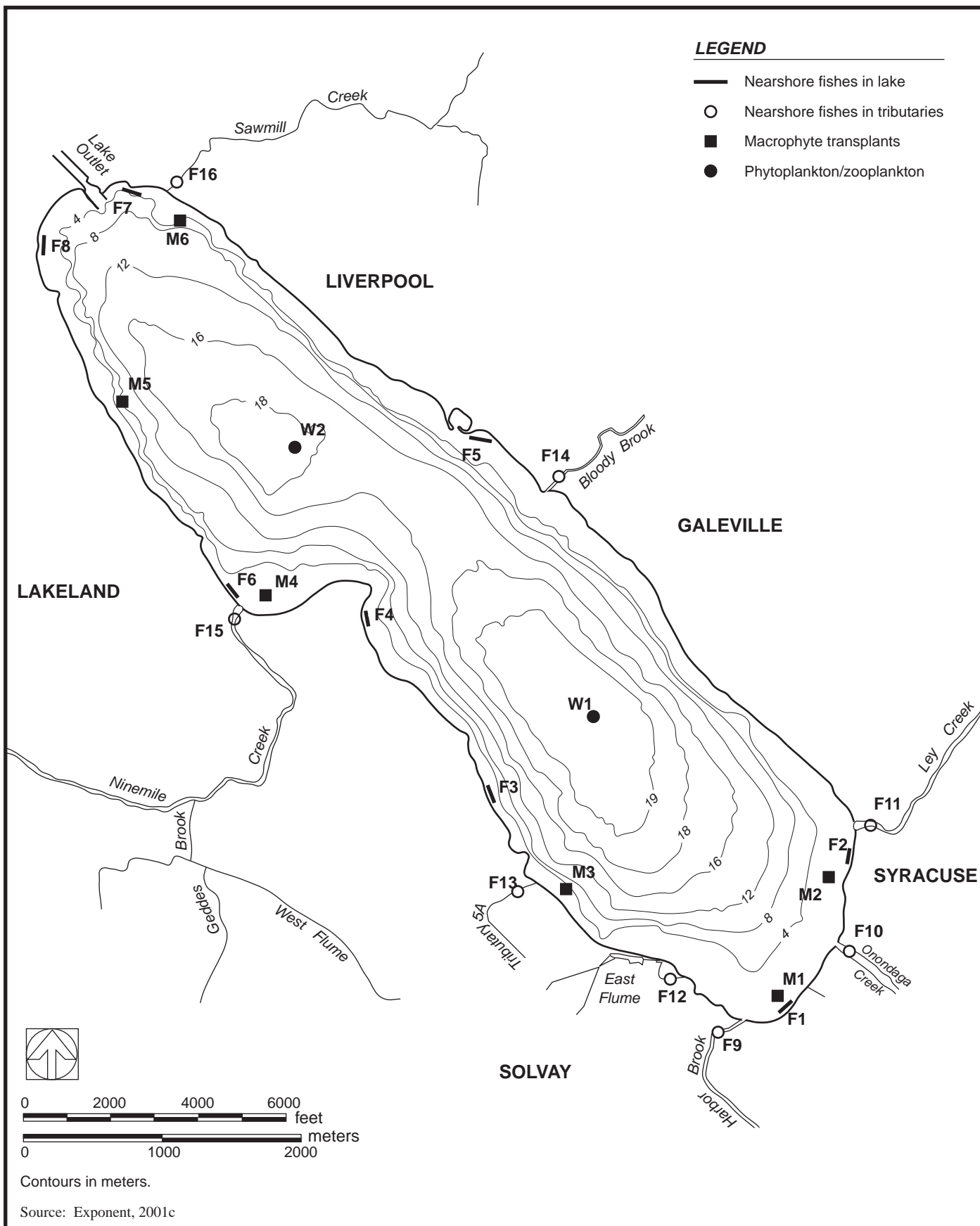


Figure 2-11. Locations of stations for the nearshore fish, macrophyte transplant, and phytoplankton/zooplankton studies of the ecological effects investigation

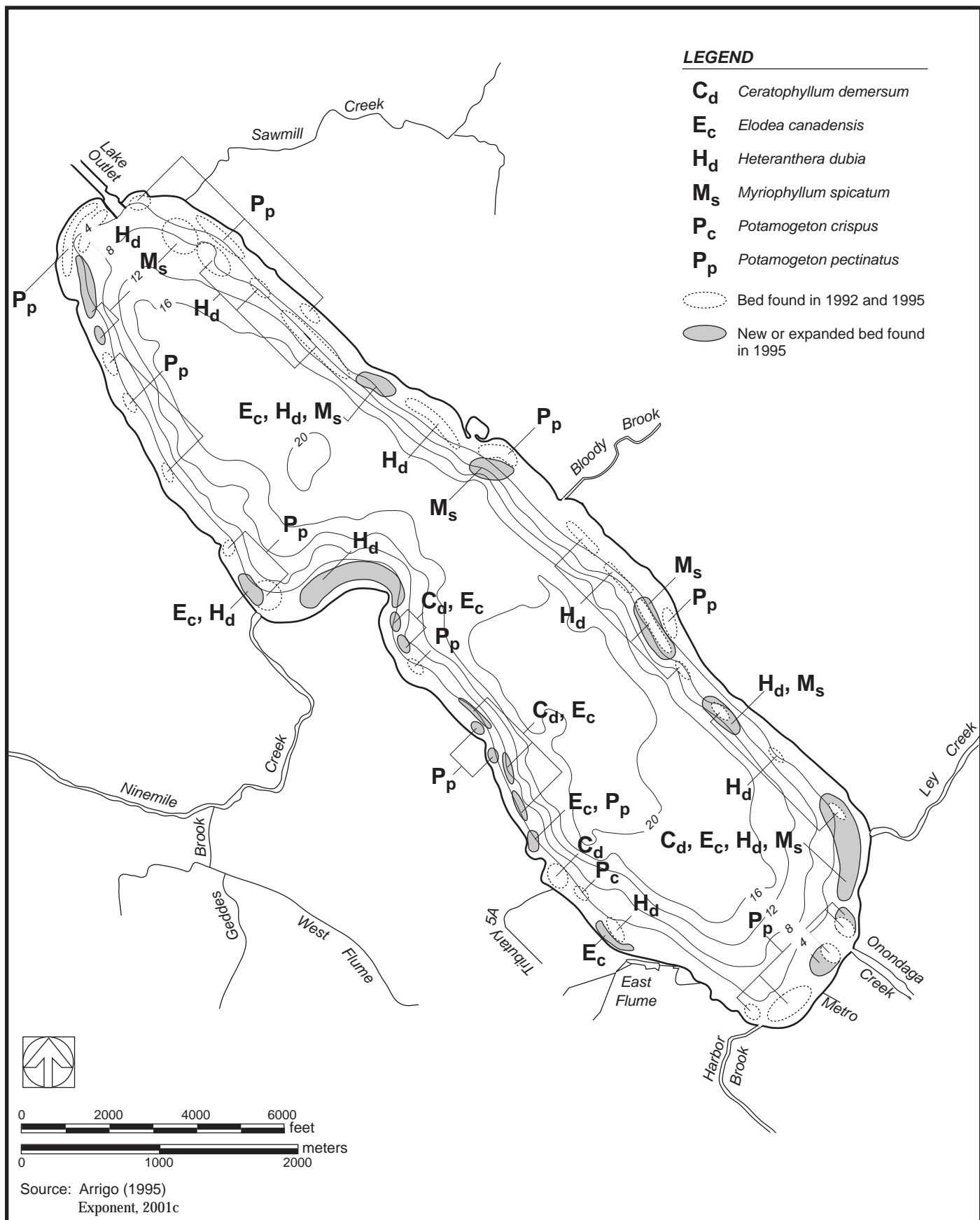


Figure 2-12. Distributions of major macrophyte beds in Onondaga Lake in 1992 and 1995

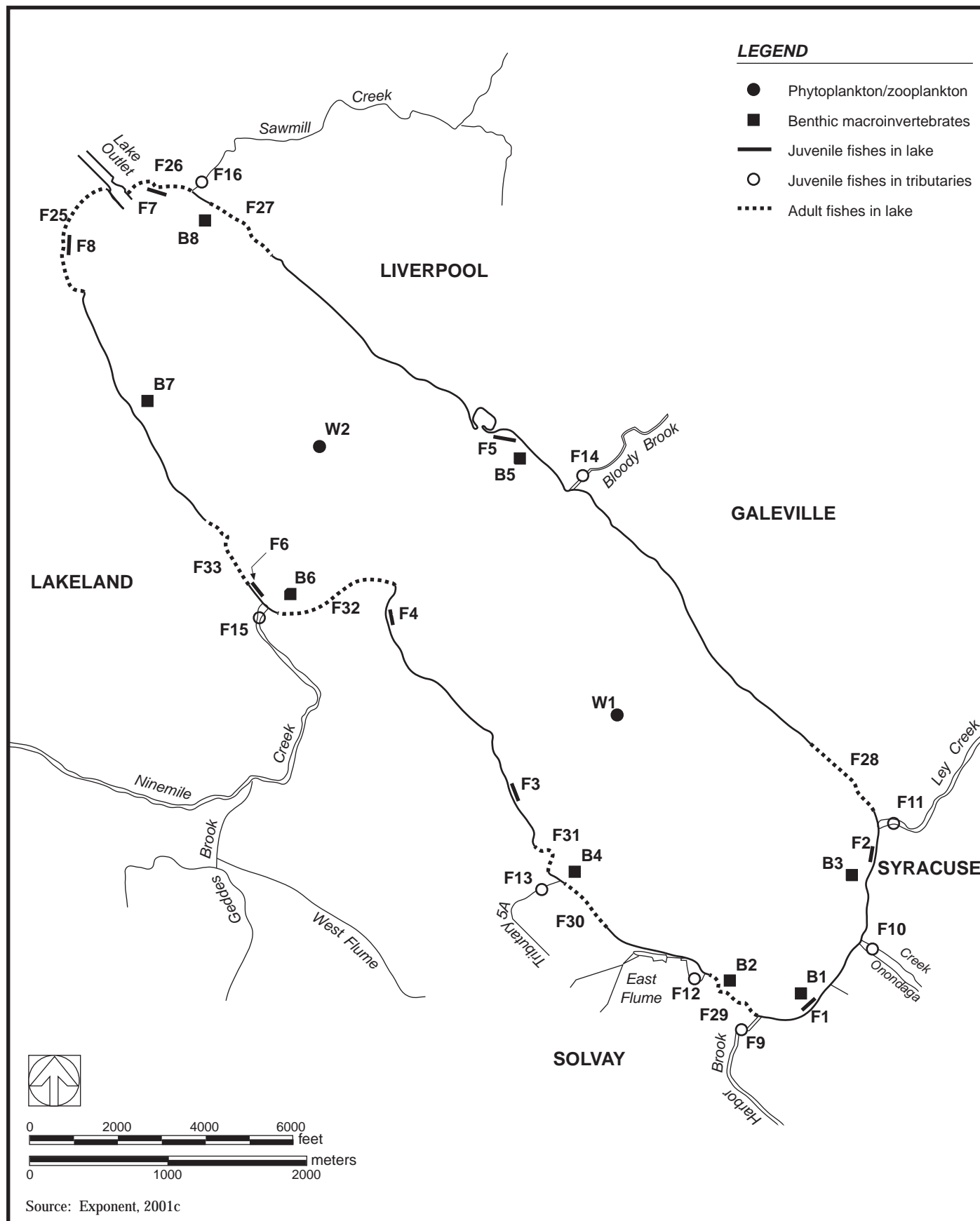


Figure 2-13. Locations of sampling stations for the bioaccumulation investigation

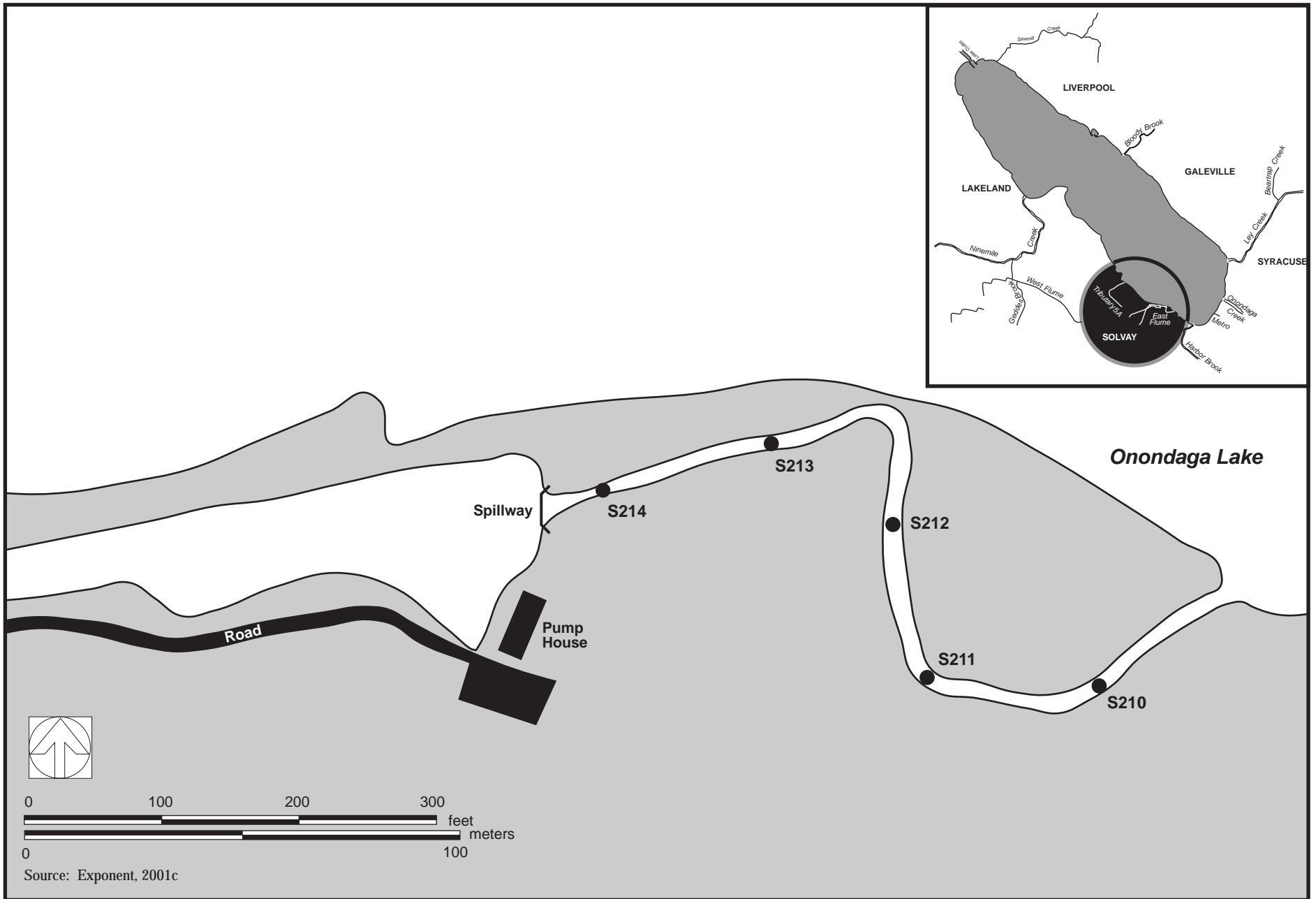
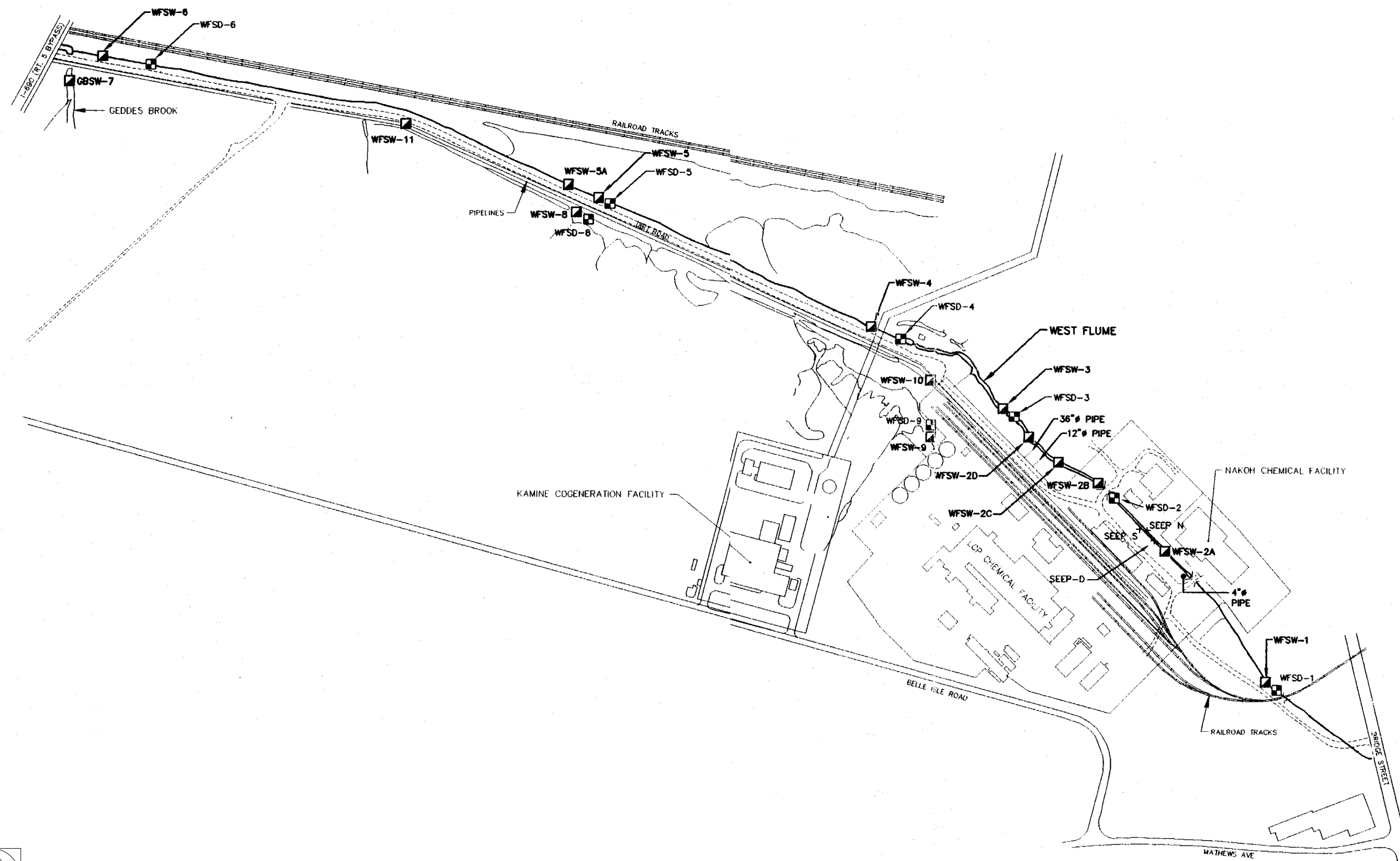


Figure 2-14. Locations of sediment stations for the supplemental sediment sampling at Onondaga Lake–East Flume



# LEGEND

- WFSW-1 ■ SURFACE WATER SAMPLE LOCATION (15 TOTAL)
- WFS-1 ■ SEDIMENT SAMPLE LOCATION (8 TOTAL)
- SEEP + SEEP LOCATION (3 TOTAL)

## NOTES:

1. BASE MAP (EXCLUDING KAMINE COGENERATION FACILITY) DIGITIZED FROM TOPOGRAPHIC MAPPING BY LOCKWOOD, INC. USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED APRIL 17, 1988.
2. KAMINE COGENERATION FACILITY LOCATION APPROXIMATE.
3. SAMPLING LOCATIONS ARE APPROXIMATE.
4. 12" AND 36" DIAMETER PIPE LOCATIONS ARE APPROXIMATE.
5. WFSW-11 IS FOR HIGH FLOW SAMPLING ONLY



0 400 800 feet

Figure prepared by Blasland, Bouck & Lee, Inc.  
Source: Exponent, 2001c

Figure 2-15. Locations of surface water and sediment stations for the West Flume mercury investigation and supplemental sampling

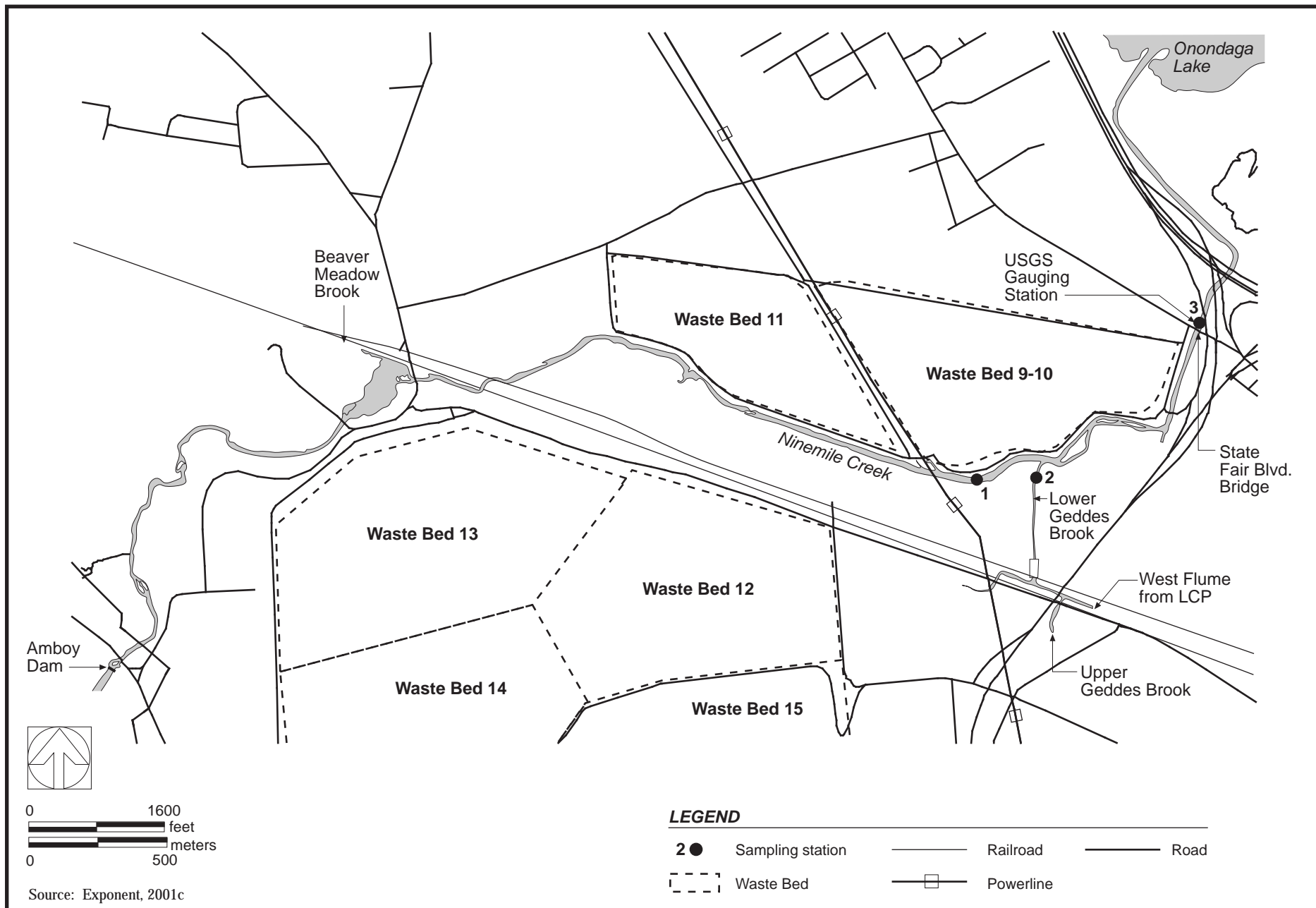


Figure 2-16. Locations of surface water stations for Ninemile Creek supplemental sampling



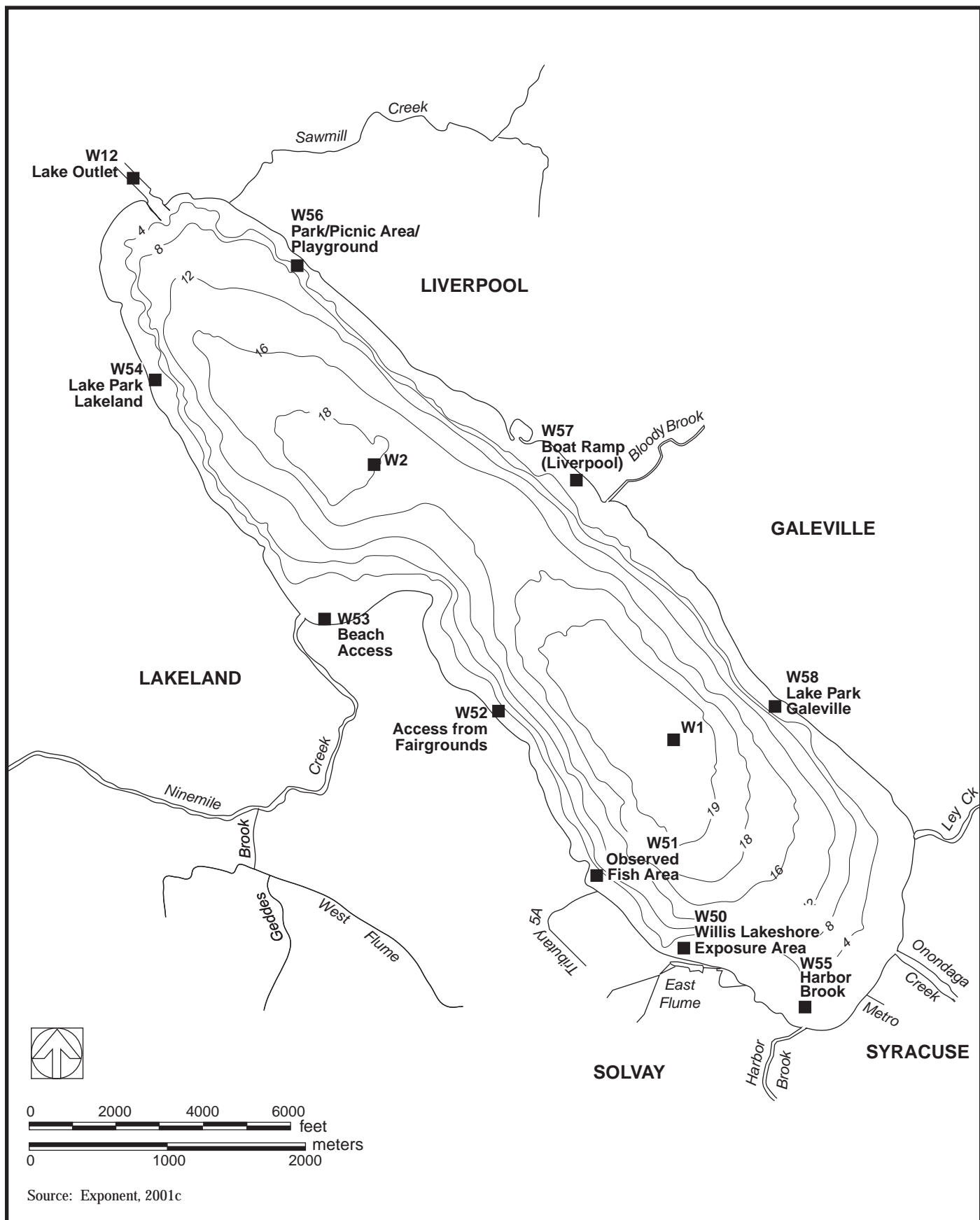
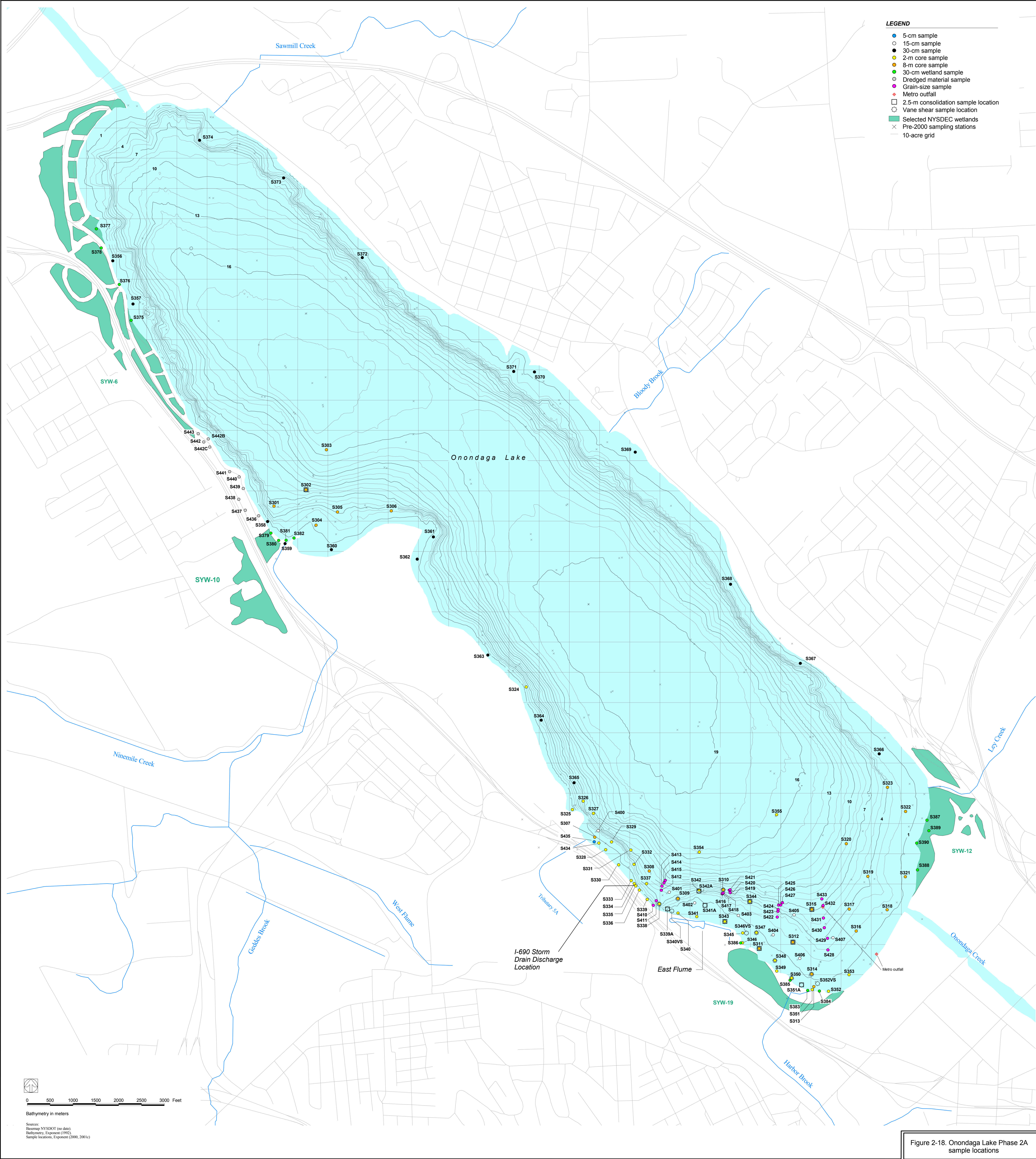


Figure 2-17. Locations of sampling stations for supplemental lake water sampling in 1999





- LEGEND**
- 5-cm sample
  - 15-cm sample
  - 30-cm sample
  - 2-m core sample
  - 8-m core sample
  - 30-cm wetland sample
  - Dredged material sample
  - Grain-size sample
  - Metro outfall
  - 2.5-m consolidation sample location
  - Vane shear sample location
  - Selected NYSDEC wetlands
  - Pre-2000 sampling stations
  - 10-acre grid

0 500 1000 1500 2000 2500 3000 Feet

Bathymetry in meters

Sources:  
Bathymetry: NYSDOT (no date)  
Bathymetry: Exponent (1992)  
Sample locations: Exponent (2000, 2001c)

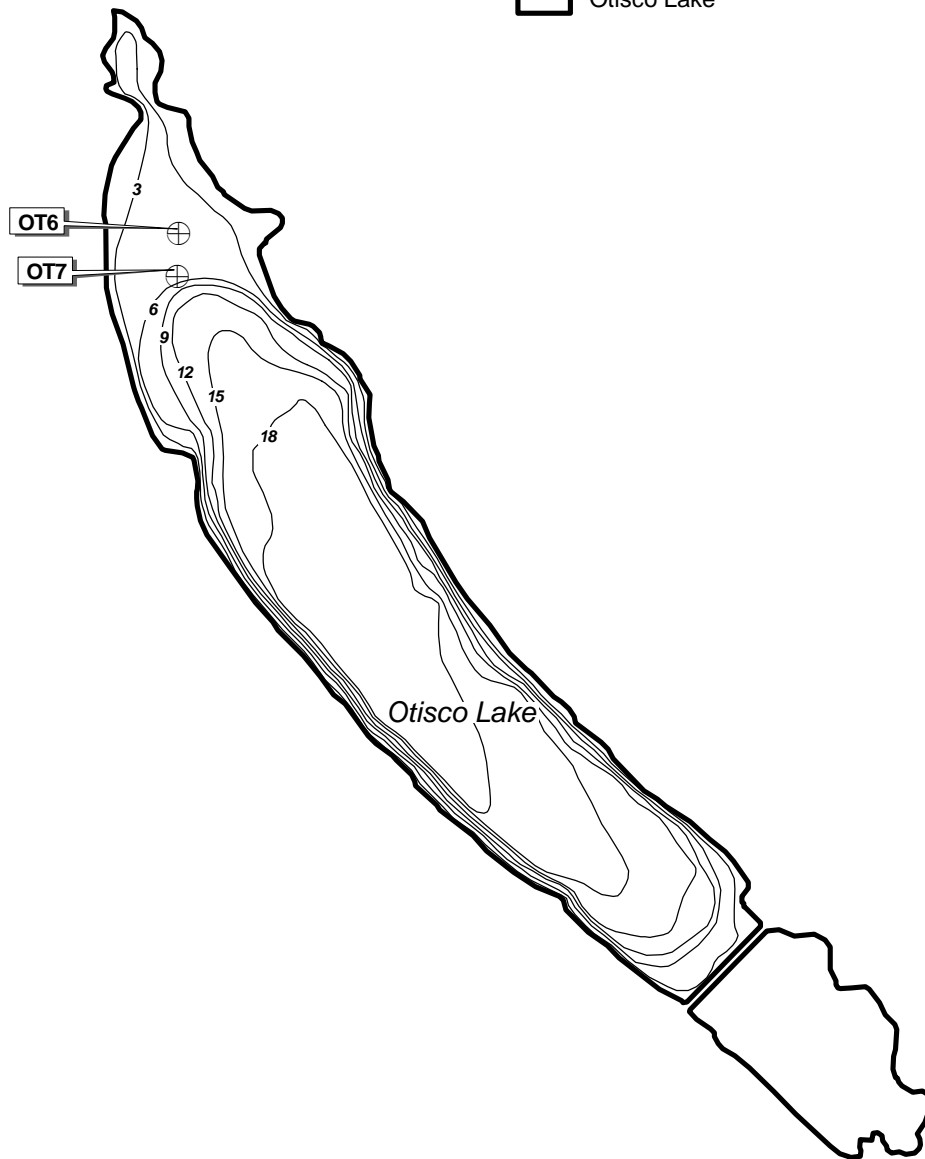
Figure 2-18. Onondaga Lake Phase 2A sample locations



**LEGEND**

⊕ Sediment chemistry, sediment toxicity,  
and benthic macroinvertebrates station locations

▭ Otisco Lake



0 4000 8000 Feet

0 1000 2000 Meters

Source: Modified from Exponent, 2001c.

Figure 2-19. Otisco Lake Phase 2A sample locations

