

# Status of Current Environmental Investigations Former Plum Brook Ordnance Works

## RAB Site Tour - May 20, 1998

**Site Investigation of the Acid Areas.** Field investigation activities were completed on May 6, 1998, and included sampling of 15 soil borings at each of the three Acid Areas, 3 soil borings at the Maintenance Shop Area, and 6 background soil borings located along the perimeter of the NASA Plum Brook Station. All collected soil samples have been submitted to the laboratory for analysis, with analytical results expected to be received from the laboratory by the week of June 15, 1998, after which the results will be validated by an independent third party for usability. Upon receipt of the validated results, IT will begin preparation of the SI report outlining the findings of the investigation. The SI report will also contain a section addressing site-specific soil background concentrations for the PBOW for use in evaluating results from this and other soil investigations at the site. Submittal of the draft SI report is scheduled during the month of August 1998.

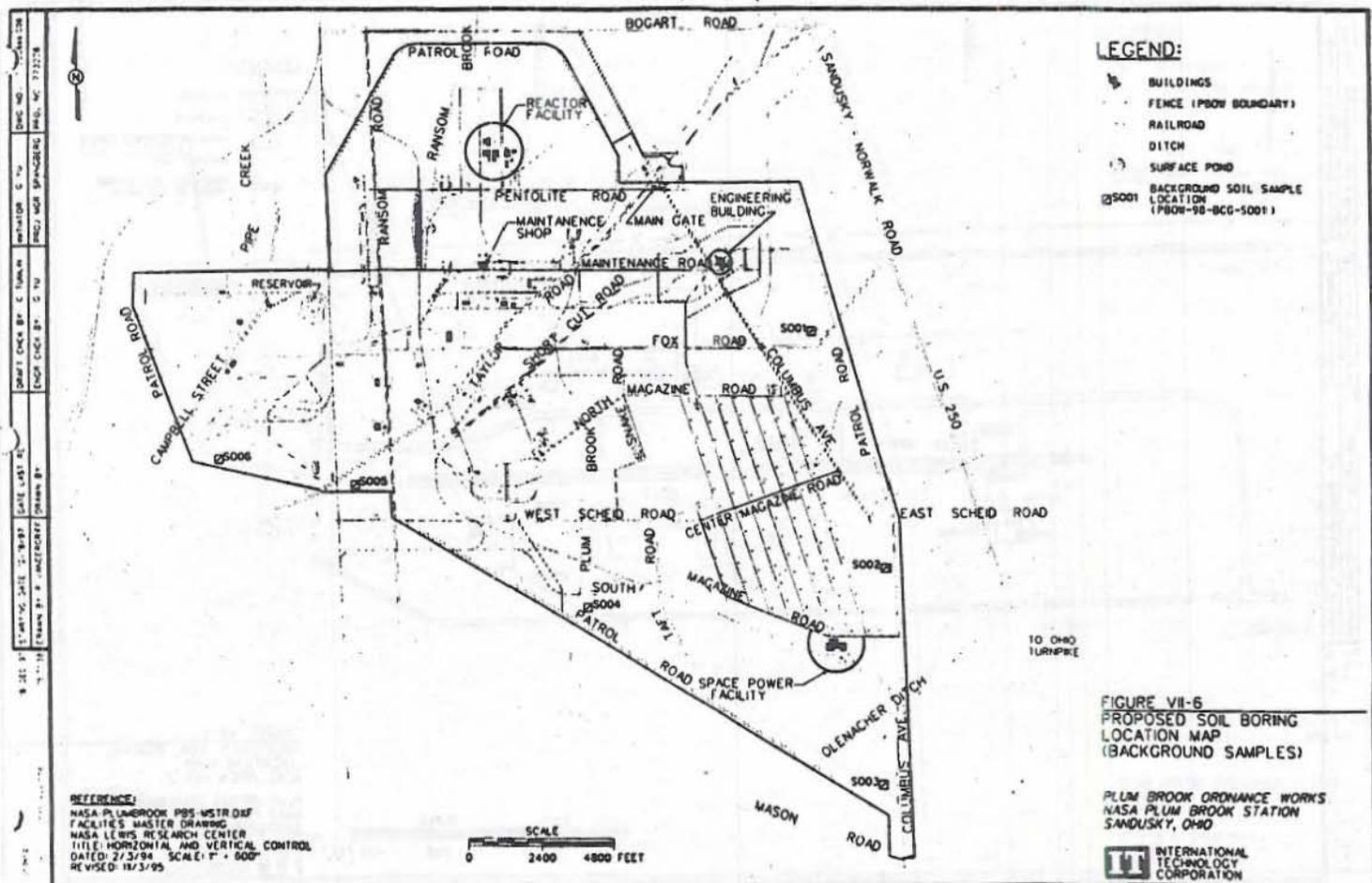
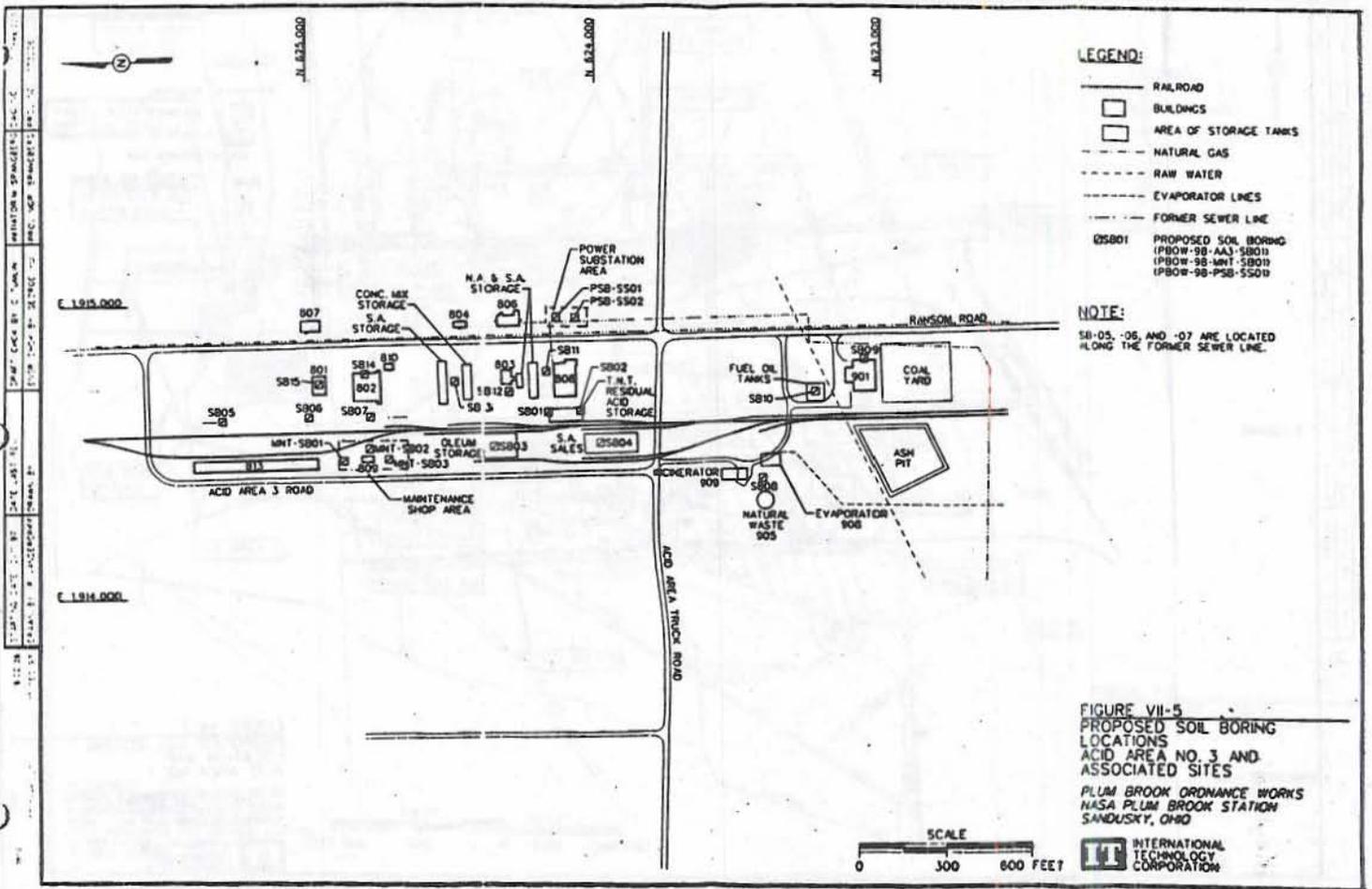
**Site-Wide Groundwater Investigation.** The report for the second quarterly groundwater level measurements and the first semi-annual groundwater sampling event was issued by IT on May 7, 1998. The report for the third quarterly groundwater level measurements is scheduled for late May or early June 1998. The fourth quarterly groundwater level measurements were conducted during the week of May 4, 1998, and the second (and final currently contracted) semi-annual groundwater sampling event is currently in progress. Groundwater sampling is expected to be

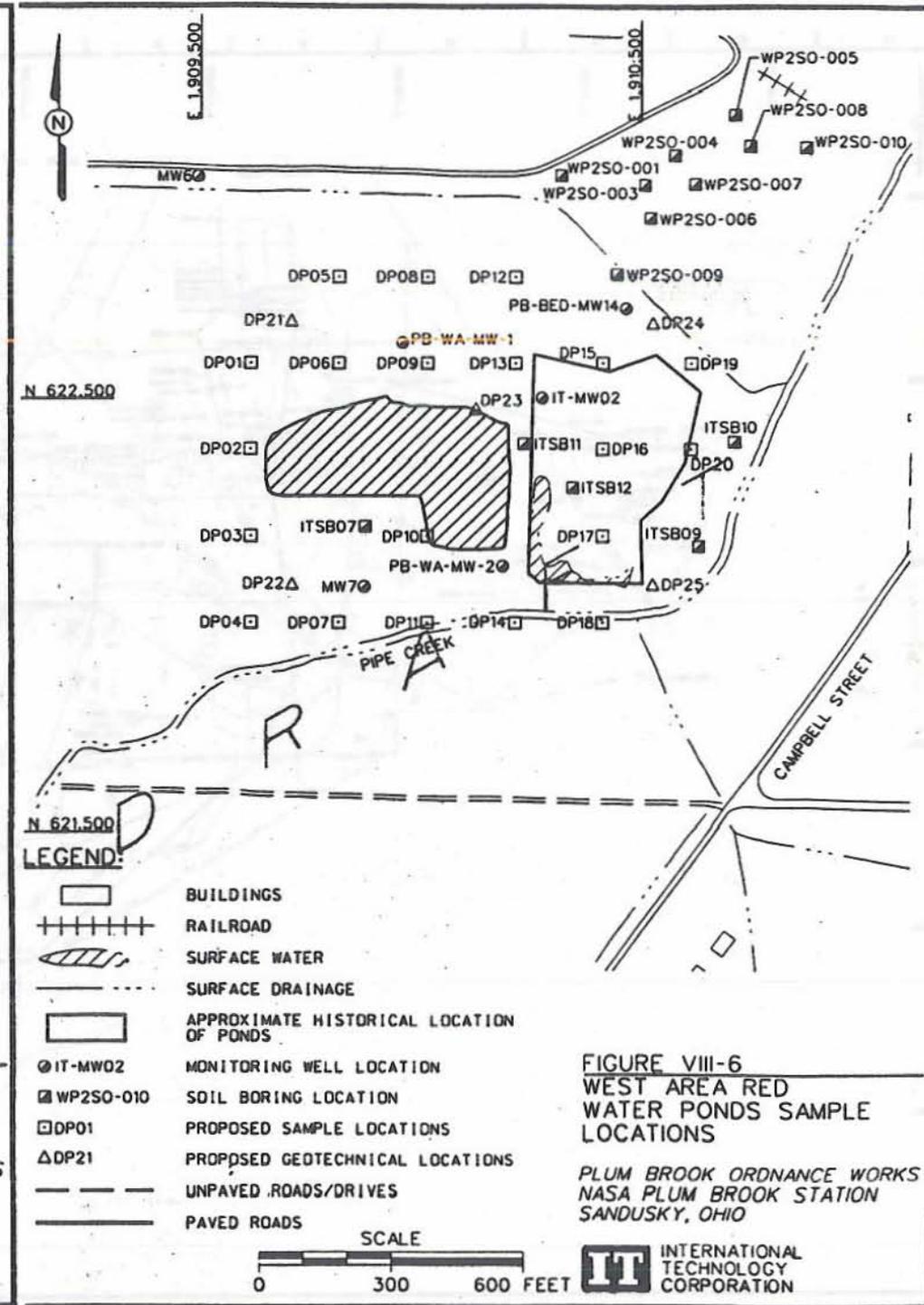
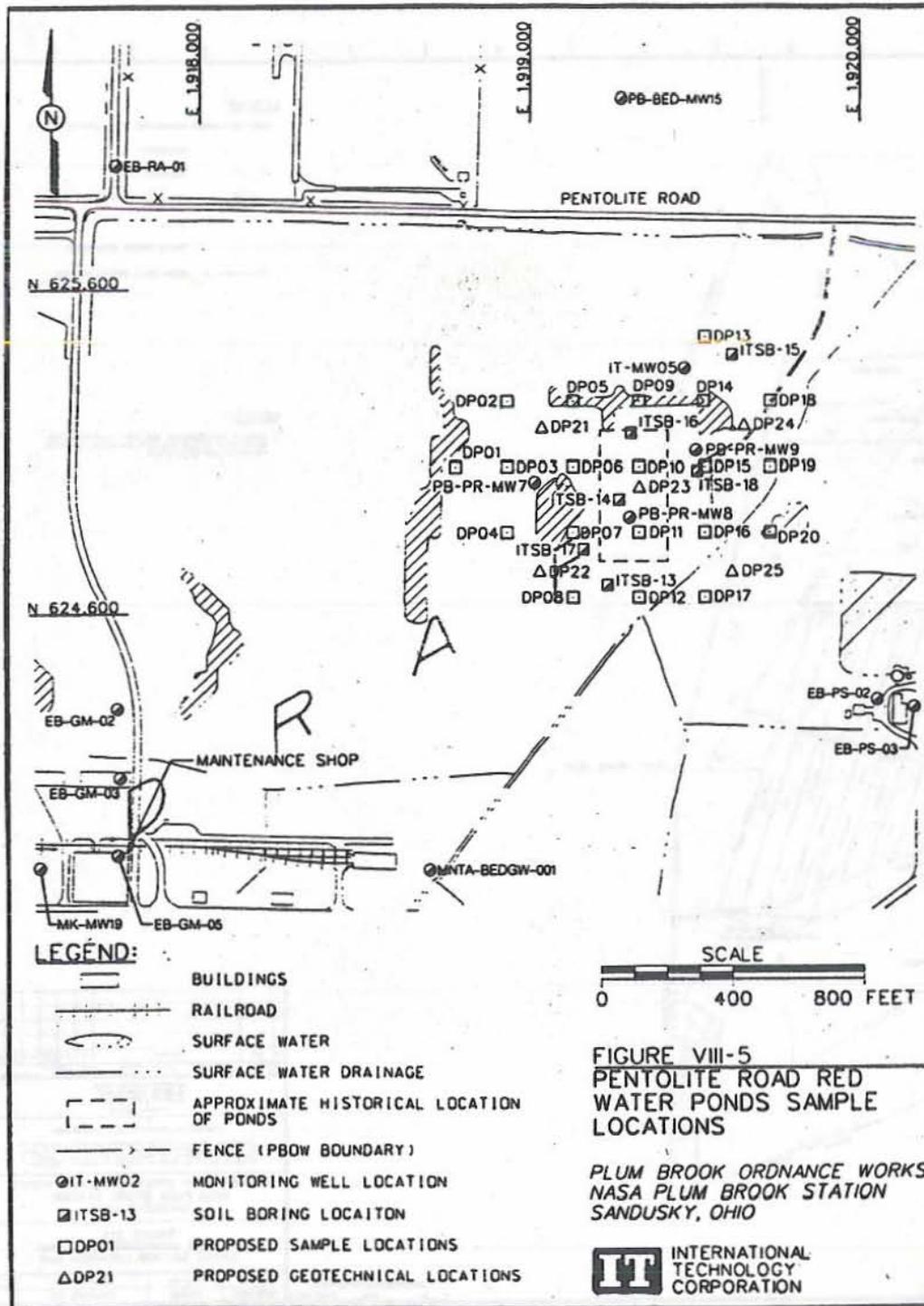
completed by June 4, 1998. The draft annual report for the Site-Wide Groundwater Investigation is scheduled for submittal in late summer or early fall of 1998.

**Direct Push Investigation of the Red Water Ponds Areas.** Field investigation activities at the two red water ponds areas (Pentolite Road RWP and West Area RWP) are scheduled to begin during the week of June 8, 1998, and will include direct push sampling of soil and groundwater at 20 locations at each of the two areas. It is anticipated that fieldwork will be completed by June 19, 1998, followed by completion of sample analysis and data validation requirements. Reporting for this investigation will include human health and ecological risk assessments. Currently, the draft report for the red water ponds is scheduled for submittal in September or October 1998.

**Remedial Investigation and Feasibility Study of TNT Area B.** The Remedial Investigation and Feasibility Study (RI/FS) of TNT Area B is a new investigation currently pending award to IT, and will include extensive soil sampling in areas of known contamination at TNT Area B, human health and ecological risk assessments, and a FS to evaluate possible remedial alternatives. Fieldwork will commence following approval of work plans, currently anticipated in the fall of 1998.

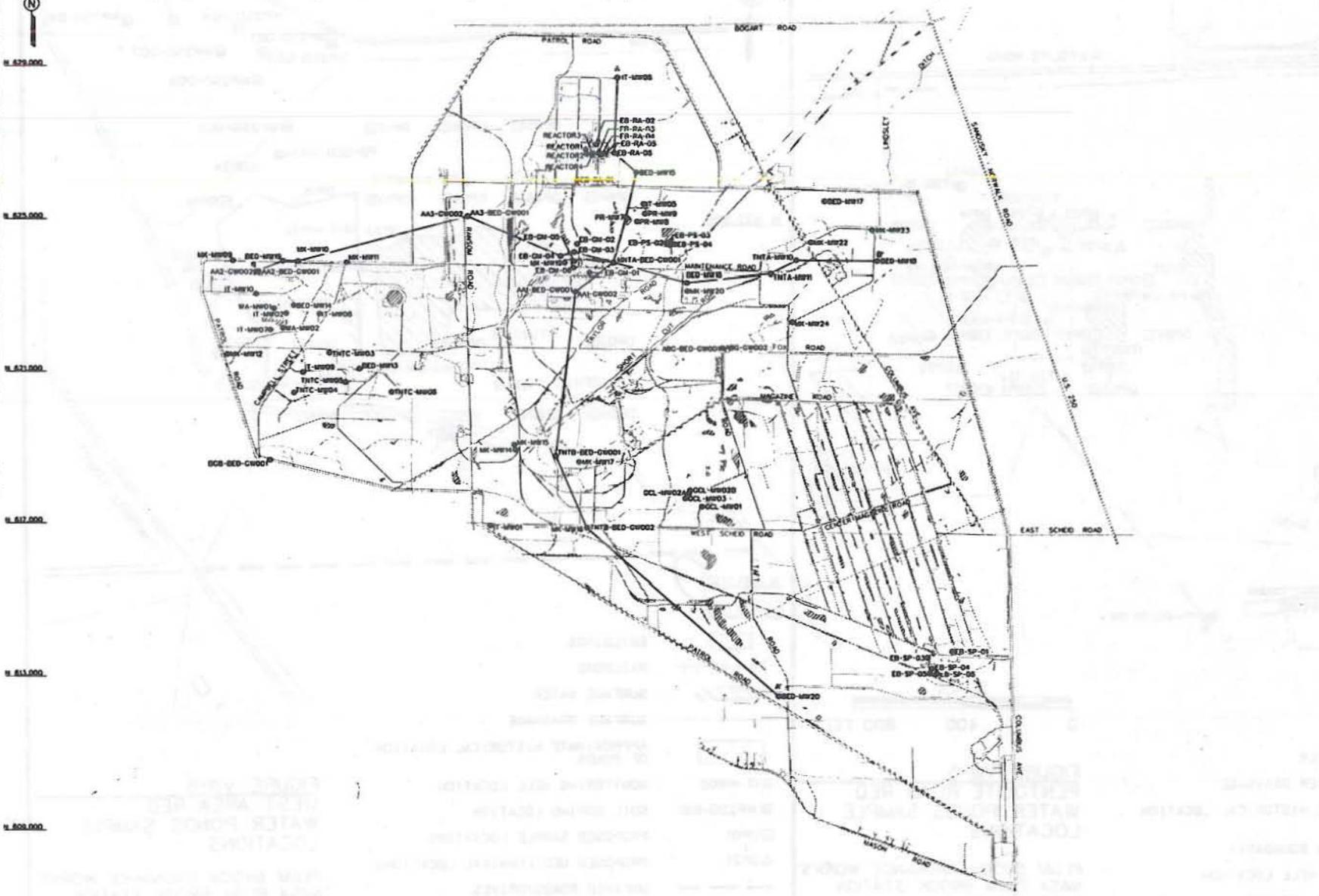






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U.S. 829,000  
U.S. 825,000  
U.S. 821,000  
U.S. 817,000  
U.S. 813,000  
U.S. 809,000



- LEGEND:**
- GARC-BED-CW001 MONITORING WELL LOCATIONS
  - ▭ BUILDINGS
  - RAILROAD
  - ▨ SURFACE WATER
  - - - DITCH
  - - - FENCE FOOT BOUNDARY
  - A — H GEOLOGICAL CROSS SECTION

**NOTES:**  
1. SURVEY COORDINATES ARE NOT AVAILABLE FOR MONITORING WELLS PB-W001, PB-W002, PB-W004, PB-W004, AND REACTOR 3.

SCALE  
0 100 200 FEET

NO.	DATE	BY	REVISION
1	11/14/81	J. J. HARRIS	ISSUE FOR CONSTRUCTION
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<b>FORMER PLUM BROOK ORDNANCE WORKS NASA PLUM BROOK STATION SANDUSKY, OHIO</b>			
<b>FIGURE 2-1 SITE WIDE MONITORING WELL AND CROSS SECTION LOCATION MAP</b>			
AREA	JOB NO.	DRAWING NO.	REV.
SITWIDE	7714B1	7714B1ES.100	