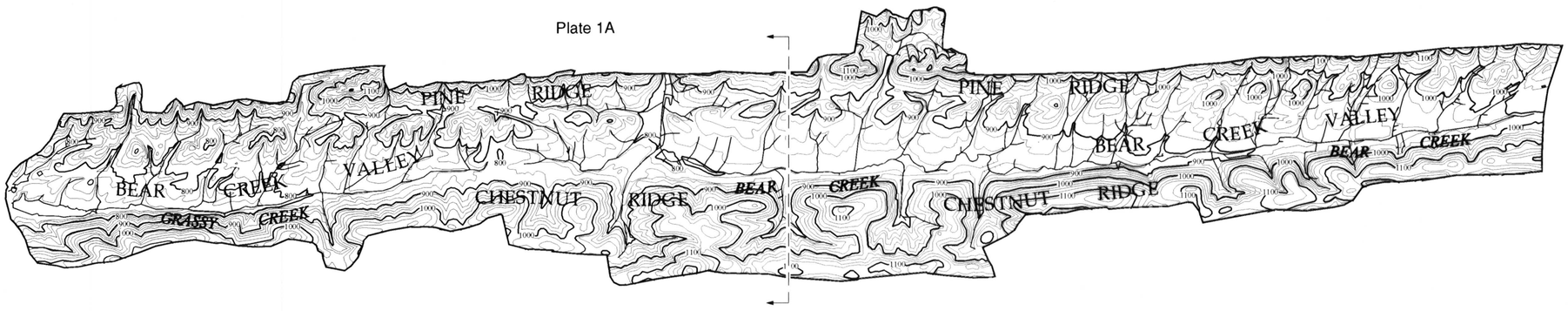
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
UNITED STATES DEPARTMENT OF ENERGY

OPEN FILE REPORT 95-459
Site locations at high base flow and low base flow-PLATE 1A
Robinson, J.A., and Johnson, G.C., 1996, Results of a seepage investigation at Bear Creek Valley, Oak Ridge, Tennessee, January through September 1994

TOPOGRAPHY AND HYDROGRAPHY

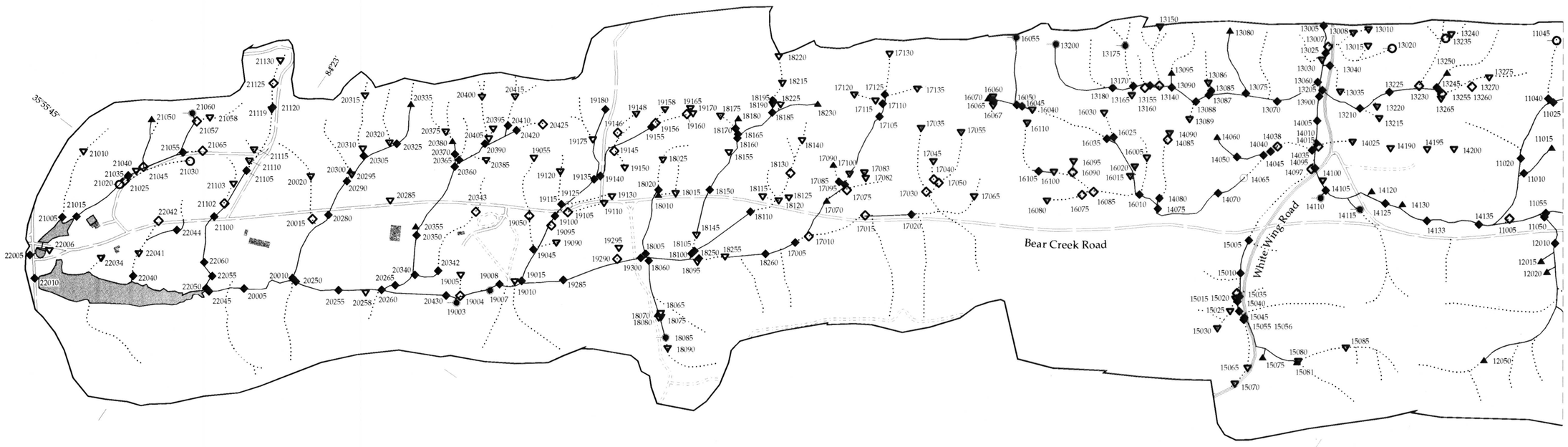
Plate 1A



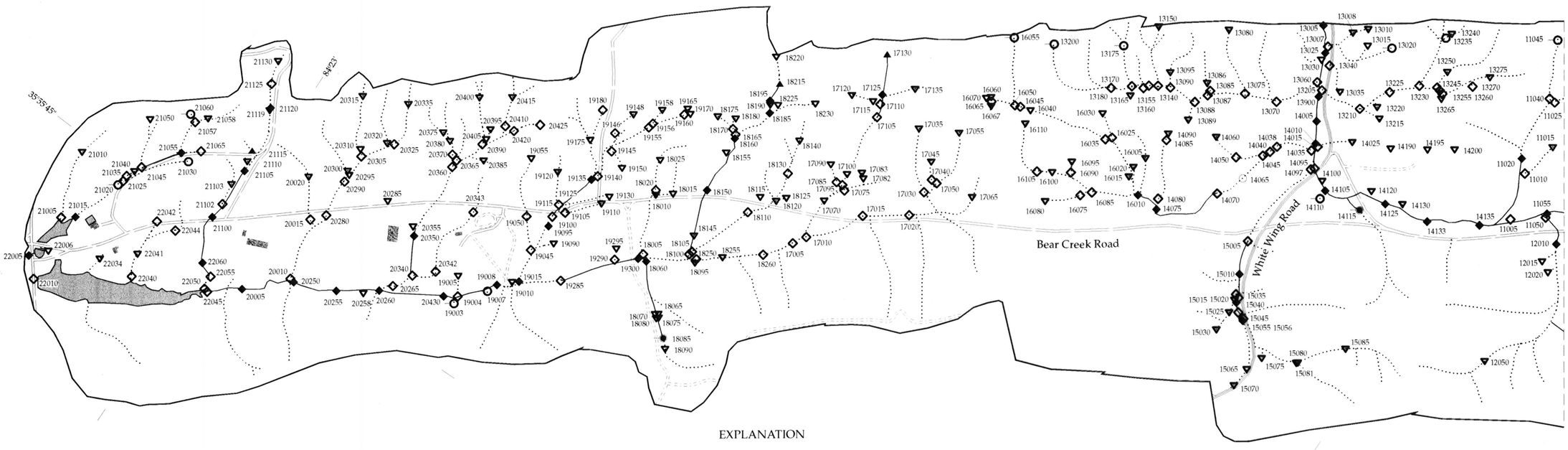
0 0.5 1 MILES
0 0.5 1 KILOMETERS

TOPOGRAPHY INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SITE LOCATIONS AT HIGH BASE FLOW, MARCH 14 THROUGH MARCH 19, 1994



SITE LOCATIONS AT LOW BASE FLOW, SEPTEMBER 9 THROUGH SEPTEMBER 29, 1994



EXPLANATION

- BUILDINGS
- STUDY AREA BOUNDARY
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- LIGHT DUTY ROAD
- STREAM REACH WITH FLOW
- STREAM REACH WITHOUT FLOW

SEEP
- WITH FLOW
- WITHOUT FLOW

SPRING
- WITH FLOW
- WITHOUT FLOW

STREAM
- WITH FLOW
- WITHOUT FLOW

WETLAND
- WITH FLOW
- WITHOUT FLOW

SITE IDENTIFICATIONS ARE SHOWN BY FOUR OR FIVE DIGIT NUMBERS

0 0.5 1 MILE
0 0.5 1 KILOMETER

Base from Tennessee Valley Authority S-16A Map of the Oak Ridge, Tennessee Area December 1987

MAP SHOWING LOCATION OF SEEPS, SPRINGS, AND STREAM-MEASUREMENT SITES FOR THE SEEPAGE INVESTIGATION AT BEAR CREEK VALLEY, OAK RIDGE, TENNESSEE, 1994

By
John A. Robinson and Gregory C. Johnson

1996