



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
TENNESSEE VALLEY AUTHORITY  
MAPS AND SURVEYS BRANCH

SWEARENGIN QUADRANGLE  
ALABAMA  
7.5 MINUTE SERIES (TOPOGRAPHIC) 89-SW

Maped and edited by Tennessee Valley Authority  
Published by the Geological Survey  
Control by USC&GS, USGS, and TVA  
Topography by USGS and TVA by photogrammetric methods.  
Map field checked by TVA, 1947  
Polyconic projection, 1927 North American datum  
10,000 foot grid based on Alabama (East)  
rectangular coordinate system  
1000 meter Universal Transverse Mercator Grid ticks,  
Zone 16, shown in blue  
Revisions shown in purple and recompilation of woodland  
areas compiled by the Tennessee Valley Authority from aerial  
photographs taken 1970. This information not field checked  
Fine purple dashed lines indicate selected fence and field lines  
visible on aerial photography. This information is unchecked

UTM GRID AND 1970 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242,  
AND BY U. S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401 OR KNOXVILLE, TENN. 37902.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ..... Poor motor road .....  
Medium-duty ..... Wagon and jeep track .....  
Light-duty ..... Foot trail .....  
U. S. Route ..... State Route

USGS  
Historical File  
Topographic Division

SWEARENGIN, ALA.  
N3430-W8607.5/7.5  
1947  
PHOTOREVISED 1970  
AMS 3753 II SW-SERIES V844

QUADRANGLE LOCATION

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

2400