

(Vander 109-3E)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U.S.G.S.  
FILE COPY  
Inspection and Editing

UNITED STATES  
TENNESSEE VALLEY AUTHORITY  
MAPS AND SURVEYS BRANCH

TENNESSEE  
PENNINE QUADRANGLE  
118-NW

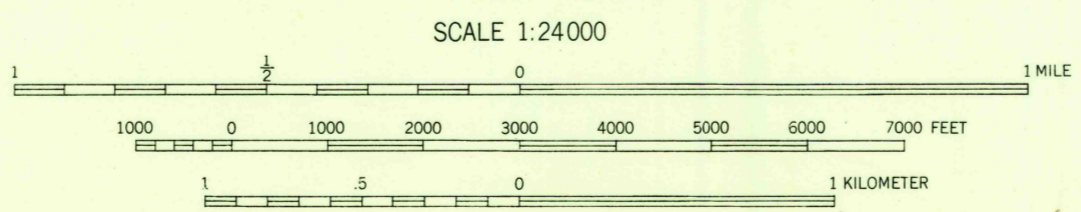
(Robby 117-SE)



(Moran Springs 110-SE)

Basic Control by USC&GS, USGS, and TVA  
Topography by USGS and TVA from aerial  
photographs by stereophotogrammetric methods  
Field examination by Tennessee Valley Authority, 1946  
Maps distributed by the Geological Survey

1" = 1000 FEET  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1949



Contour interval 20 feet  
Datum is mean sea level

USCS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

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Polyconic projection, 1927 North American datum  
10,000 foot grid based on Tennessee  
rectangular coordinate system

ROUTES USUALLY TRAVELED  
HARD, IMPERVIOUS SURFACES  
OTHER SURFACE IMPROVEMENTS  
U.S. ROUTE STATE ROUTE

PENNINE, TENN.  
118-NW  
Edition of 1949  
N3537.5-W8452.5 7.5

(Dexter 118-SE)