



Control by USCGS, USGS, and TVA  
Topography by Geological Survey from aerial  
photographs by stereophotogrammetric methods  
Field examination by Tennessee Valley Authority, 1942  
Maps distributed by the Geological Survey

MAGNETIC NORTH  
TRUE NORTH  
APPROXIMATE MEAN  
DECLINATION, 1943

Scale 24,000  
1 inch = 2 miles  
1 centimeter = 200 meters  
Contour interval 20 feet  
Datum is mean sea level

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

HOWARD QUARTER, TENN.  
162-NW  
Edition of 1943  
N 6622.5-W 8322.5 / 7.5

ROUTES USUALLY TRAVELED  
HARD, IMPERVIOUS SURFACES  
OTHER SURFACE IMPROVEMENTS  
U.S. ROUTE 32 STATE ROUTE