

(Point Rock 89-NW)
(Mt. Carmel 89-NW)
(Langston 89-SE)
(Grove Oak 89-NW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

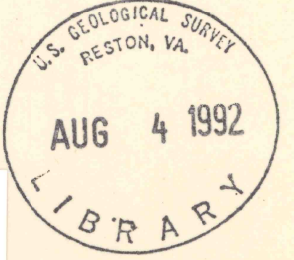
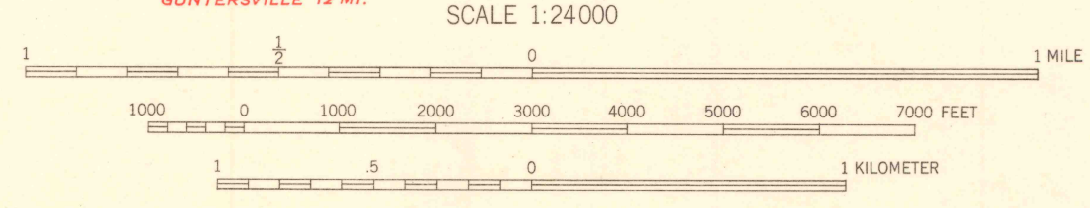
UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH

ALABAMA
SWEARENGIN QUADRANGLE
89-SW



Control by USCGS, USGS, and TVA
Topography by USGS and TVA from aerial
photographs by stereophotogrammetric methods
Field examination by Tennessee Valley Authority, 1947
Maps distributed by the Geological Survey

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1950



Polyconic projection, 1927 North American datum
10,000 foot grid based on Alabama (East)
rectangular coordinate system

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

SWEARENGIN, ALA.
89-SW
Edition of 1950
N3430-W8607.5/7.5

