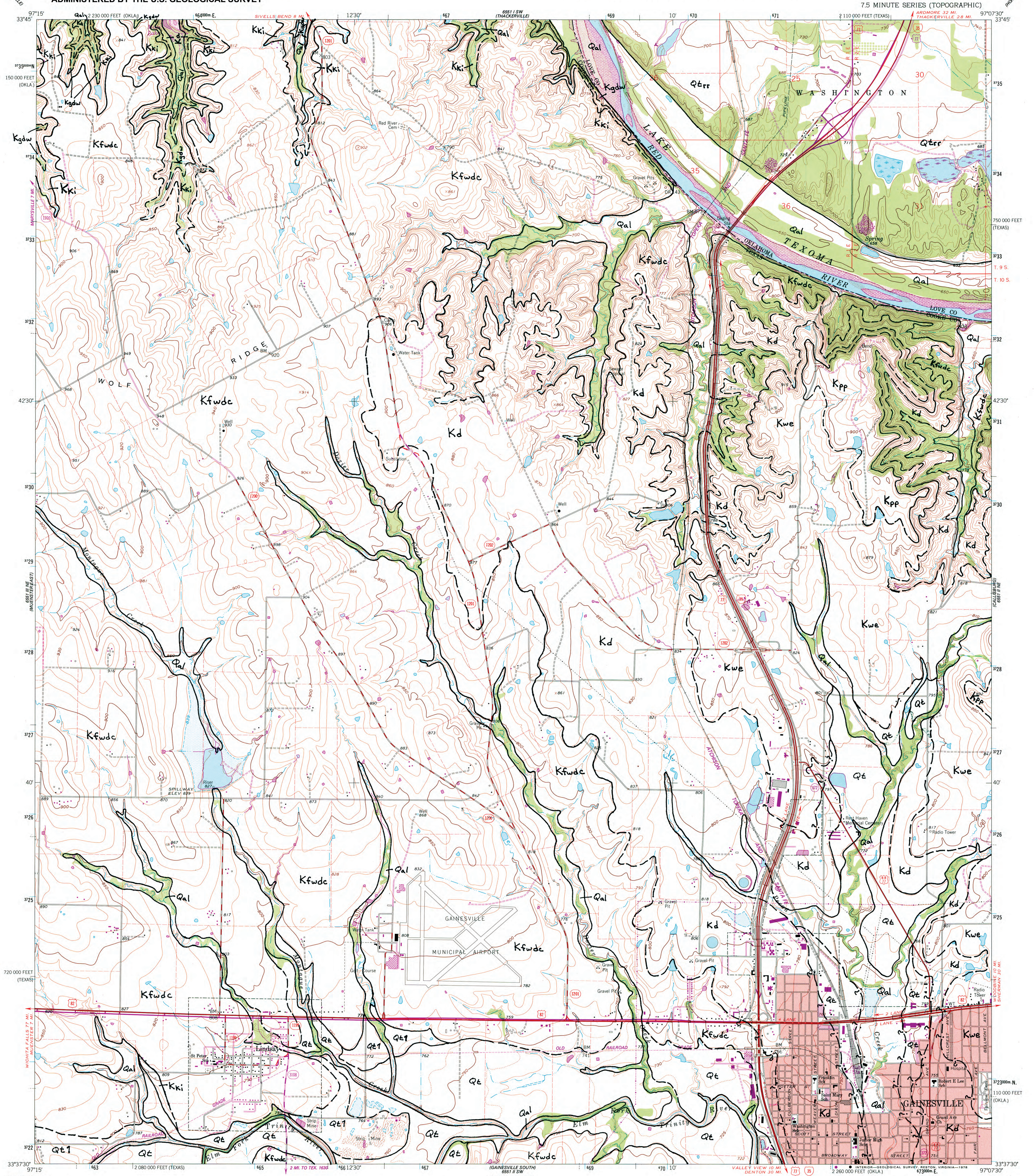




QUATERNARY
Qal—Alluvium
Qt—Terrace deposits of streams
Qt1—Higher terrace deposits of streams
Qtrr—Terrace deposits of Red River

CRETACEOUS
Kpp—Pawpaw Formation
Kwe—Weno Formation
Kd—Denton Clay
Kfwd—Fort Worth Limestone and Duck Creek Formation, undivided
Kki—Kiamichi Formation
Kgdw—Goodland Limestone and Walnut Clay, undivided
Ka—Antlers Sand

Selected Regional Map Reference
McGowen, J.H., Hentz, T.F., Owen, D.E., Pieper, M.K., Shelby, C.A., and Barnes, V.E., 1967, Dallas Sheet: The University of Texas at Austin, Bureau of Economic Geology, Geologic Atlas of Texas, 1:250,000, revised 1991; reprinted 1997.
Bybee, H. P., and Bullard, F. M., 1927, The geology of Cooke County, Texas: University of Texas, Austin, Bulletin No. 2710, plate scale 1:250,000, text 170 p.

Revisions shown in purple compiled from aerial photographs taken 1976. This information not field checked. Map edited 1978
Purple tint indicates extension of urban areas

UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1° 18 MILS 71° 133 MILS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 AND BY THE OKLAHOMA GEOLOGICAL SURVEY, NORMAN, OKLAHOMA 73069 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Edward W. Collins
2012

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———

Interstate Route U.S. Route State Route

GAINESVILLE NORTH, TEX.-OKLA.
N3337.5-W9707.5/7.5

1960
PHOTOREVISED 1978
AMS 6551 11 NW-SERIES V882