



LEGEND

- SEDIMENTARY ROCKS**
- Edwards limestone (CRETACEOUS)
 - Undifferentiated (PALEOZOIC)
 - Llano series**
 - Packsaddle schist (ALGONKIAN ?)
 - Valley Spring gneiss (ALGONKIAN ?)
 - Limestone bands (some wollastonite)
- IGNEOUS ROCKS**
- ACIDIC**
- Coarse-grained granite
 - Fine to medium-grained granite
 - Granite porphyry (containing opaline quartz phenocrysts)
- BASIC**
- Serpentine with some talc
 - Metadiorite
 - Felsite dike
 - Fault
 - Anticline
 - Syncline
- Quarry
- Prospect, iron unless otherwise specified

ECONOMIC AND GEOLOGIC MAP OF LLANO QUADRANGLE, TEXAS

E. M. Douglas, Geographer in charge.
 Triangulation by E. M. Douglas.
 Topography by Arthur Stiles and J. F. McBeth.
 Surveyed in 1898-99.
 Culture revised in 1909 by D. B. Penick and C. P. Jamerson.

Geology by Arthur C. Spencer, Sidney Paige,
 and Fred H. Kay.
 Surveyed in 1908 and 1909.

Scale 1:50,000
 1 1/2 0 1 2 3 4 5 Miles

1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 25 feet.

Datum is mean sea level.

The elevations indicated are now (1911) known to be 3 feet too high.