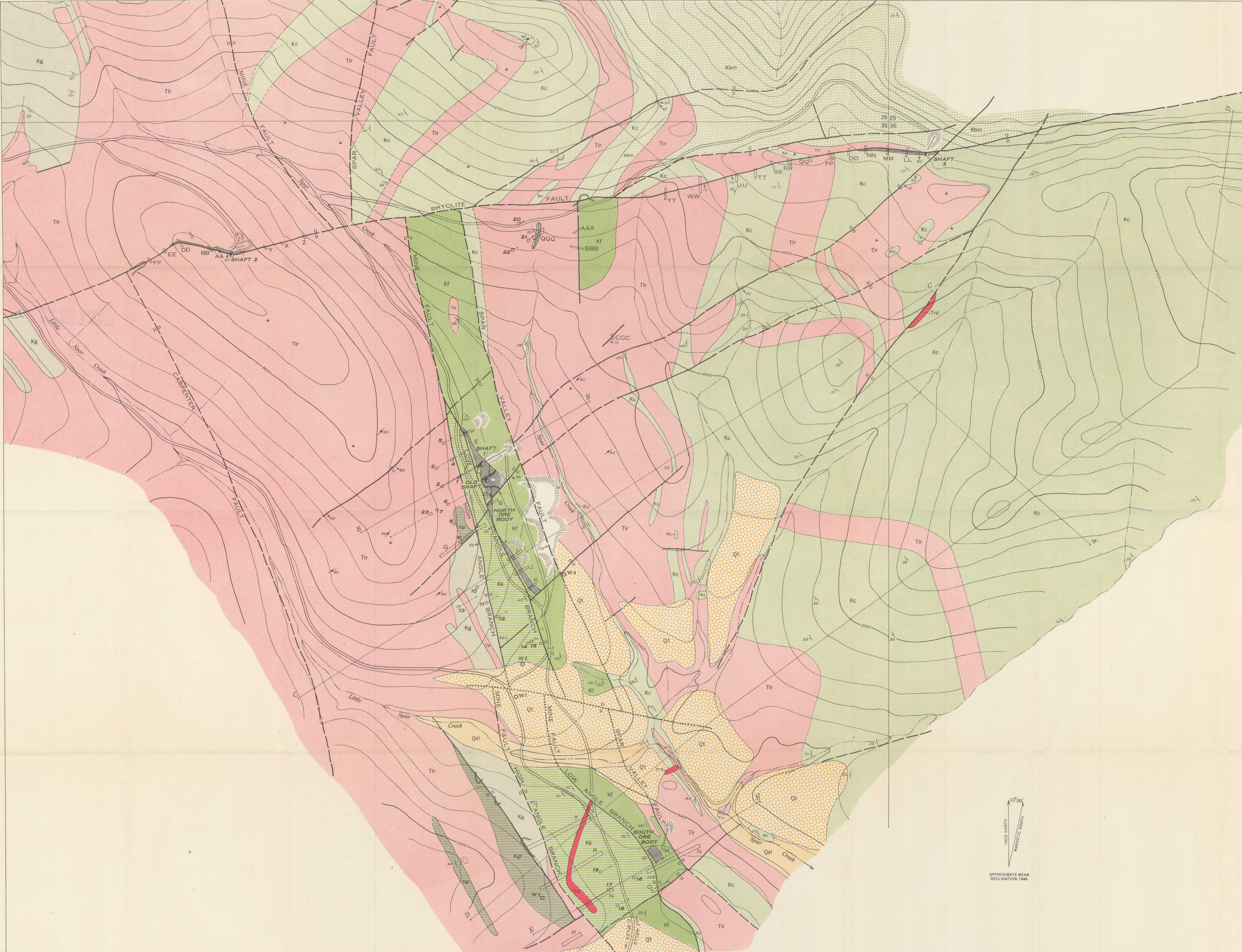




EXPLANATION

Quaternary

- Qal Alluvium
- Qt Terrace deposits

Tertiary

- Trd Late rhyolite dike
- Tir Lower rhyolitic series and associated sills

Cretaceous

Upper Cretaceous

- Washita group
 - Kgr Grayson formation
 - Roswell member
- Fredericksburg group
 - Kg Georgetown limestone
 - Kk Kiamichi formation
 - Kf Finlay limestone
- Trinity group
 - Kc Cox sandstone
 - Kbm Bluff Mesa formation

Fluorspar, more than 30 percent CaF_2

Contact, dashed where approximately located

Fault, showing dip; dashed where approximately located
U, upthrown side; D, downthrown side

Concealed fault

Fault, showing dip and rake of striations

Strike and dip of beds

Strike of vertical joints

Shaft

Adit

Open-cut

Dump

U. S. Bureau of Mines trench

Vertical diamond-drill hole

Inclined diamond-drill hole

Diamond-drill hole, underground

Water well

Monument