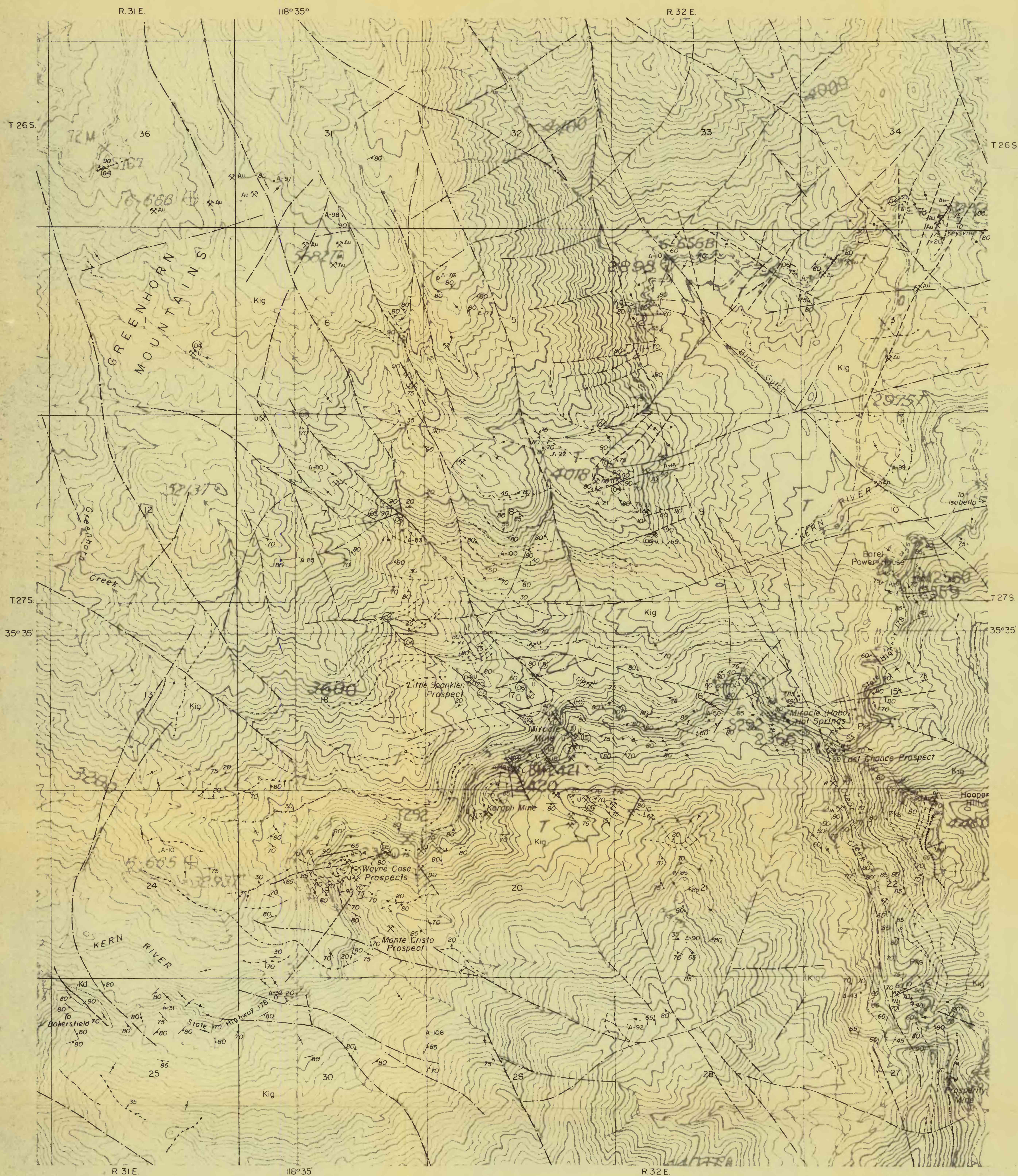




- EXPLANATION**
- Quartz vein or silicite dike (Dashed where approximately located)
 - Pegmatite, showing dip (Dashed where approximately located)
 - Vertical pegmatite (Dashed where approximately located)
 - Kig
 - Isabella granodiorite (Mainly granodiorite, subordinate quartz monzonite and quartz diorite)
 - Diorite and related rocks
 - Kernville series (Mainly mica schist and impure quartzite, subordinate calc-hornfels and marble)
 - Contact, showing dip (Dashed where approximately located)
 - Fault, showing dip (Dashed where approximately located)
 - Vertical fault
 - Fault, showing bearing and plunge of slickensides
 - Fissures, plotted from aerial photographs (These are believed to represent steep-dipping fractures, mainly joints)
 - Plunge of minor anticline
 - Strike and dip of beds
 - Strike of vertical beds
 - Strike and dip of planar structure in Isabella granodiorite
 - Strike of vertical planar structure in Isabella granodiorite
 - Strike and dip of foliation in Kernville series
 - Strike of vertical foliation in Kernville series
 - Strike and dip of joints
 - Strike of vertical joints
 - Small mine or prospect
 - U - uranium, Au - gold, W - tungsten (Prospects without letter symbols are probably mainly for uranium).
 - Radioactivity anomaly in m/hr, background .02 - .03 m/hr (These values represent maximum surface readings obtained during a general reconnaissance for radioactivity)
 - Location of Isabella granodiorite specimens whose thin sections are represented in figure 5.
 - Location of specimens for which semiquantitative spectrographic analyses and chemical uranium analyses were made (see tables 3 and 9).
 - Location of specimen whose thin section is represented in figure 5, and which also has been analyzed chemically for uranium and spectrographically (see tables 3 and 9).

Topography enlarged from U.S. Geological Survey
15 minute Glennville quadrangle, in preparation

Geology by E. M. MacKevett, Jr. and H. G. Stephens, 1955

GEOLOGIC MAP OF THE KERN RIVER URANIUM AREA, KERN COUNTY, CALIFORNIA

Scale 20,000

Contour interval 80 feet
Datum is mean sea level

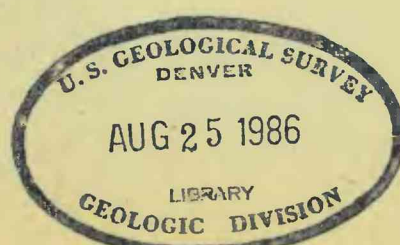


Plate I

(200)
7674
no. 698