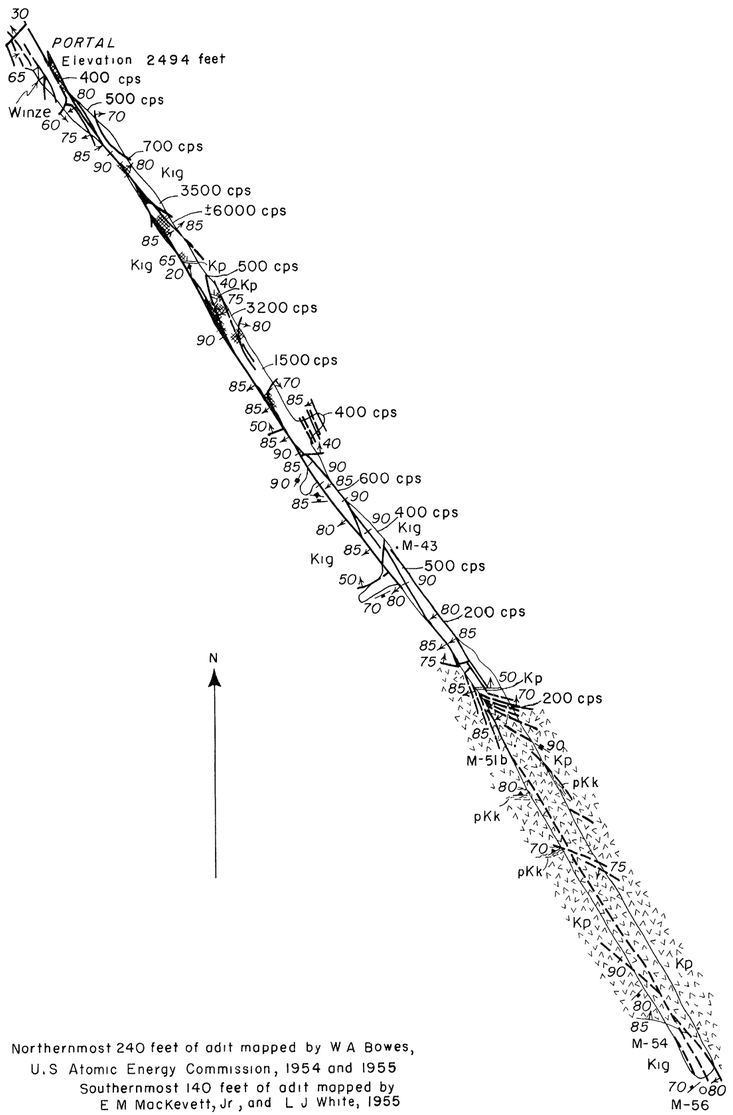
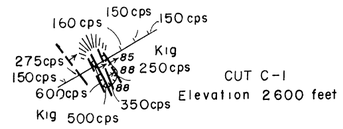
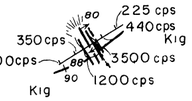
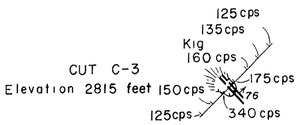


Northernmost 240 feet of adit mapped by W A Bowes, U.S Atomic Energy Commission, 1954 and 1955
Southernmost 140 feet of adit mapped by E M MacKevett, Jr, and L J White, 1955

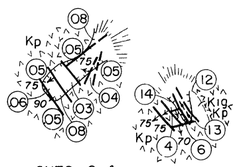
UNDERGROUND WORKINGS

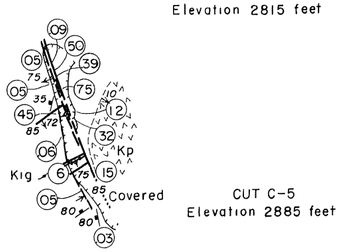




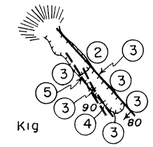


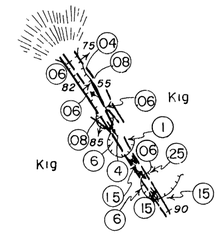
Mapped by W A Bowes, May 1954, E M MacKevett, Jr, and H G Stephens, October 1955

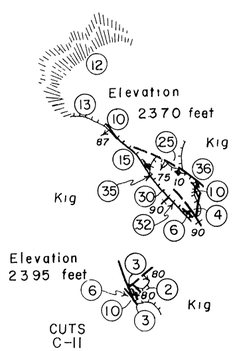




Modified from maps of W A Bowes, May 1954, by E M MacKevett, Jr and H G Stephens, October 1955







Mapped by E M MacKevett, Jr, H G Stephens, and L J White, August, October, 1955

SURFACE WORKINGS

EXPLANATION

CRETACEOUS

Kp — Pegmatite
Mainly granite pegmatite with subordinate aplite

Kig — Isabella granodiorite of Miller (1931)

PRE-CRETACEOUS

pKk — Schist of Kernville series of Miller (1931)

85 — Contact, showing dip
Dashed where approximately located

60 — Fault, showing dip
Dashed where approximately located, dotted where concealed

90 — Vertical fault

20 — Fault, showing bearing and plunge of slickensides

60 — Strike and dip of foliation

Strike of vertical foliation

85 — Strike and dip of joints

90 — Strike of vertical joints

Autunite-bearing deposit in surface workings

Ore, probably containing more than 0.2 percent uranium
Based on AEC assays and radiometric examination

Low-grade ore, probably containing between 0.1 percent and 0.2 percent uranium
Based on AEC assays and radiometric examination

Portal and opencut

Opencut

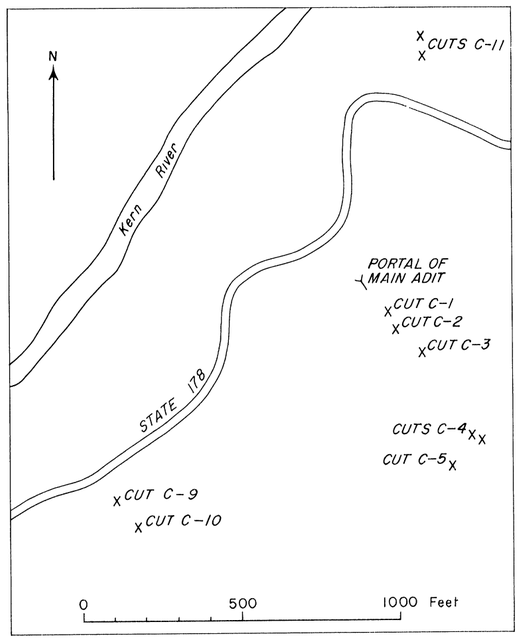
Dump

(5) — Radioactivity anomaly, in milliroentgens per hour
Background 0.2-0.3 milliroentgens per hour

400cps — 400 counts per second
Radiation intensity after Bowes

.M-54 — Location of specimens shown on figure 24

○M-56 — Location of sample shown on tables 3 and 9



INDEX MAP SHOWING LOCATION OF THE MAIN SURFACE WORKINGS

MAPS OF SURFACE AND UNDERGROUND WORKINGS AT THE MIRACLE MINE, KERN COUNTY, CALIFORNIA

0 50 100 Feet

526515 O - 60 (In pocket) No. 4