Department of the Interior
United States Geological Survey

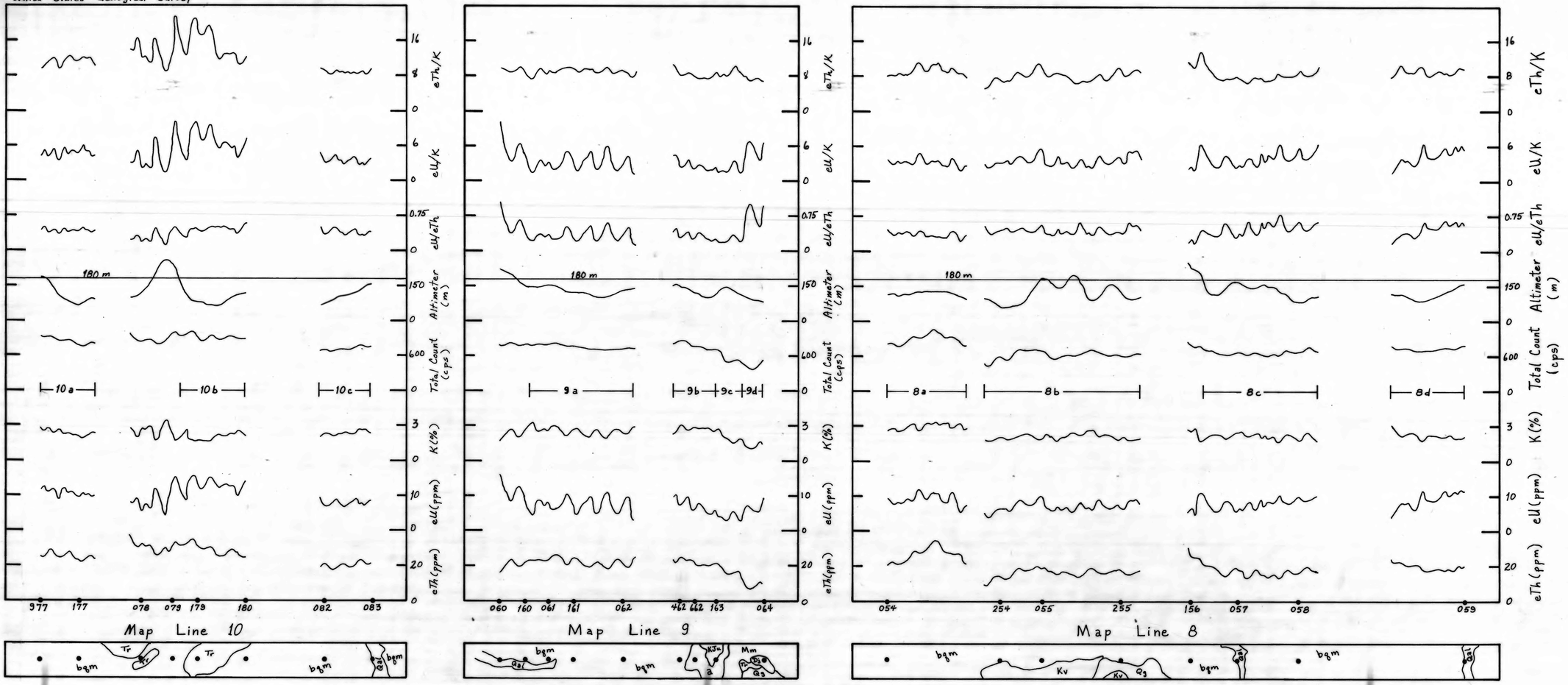

Plate 5. Profiles of radiometric data for map lines 8, 9, 10. Profile scale approximately 1:48000

Geologic contact
Dashed where approximate

• Fiducial point
Numbers correspond to numbers on Plate 1

Open-file Report
78-180
Plate 5 of 5

Explanation

Qal / Qg — Quaternary
- Qal – alluvium and colluvium
- Qg – high level gravel

Tr — Tertiary rhyolite

a / bgm — Rocks of the Boulder batholith of Cretaceous age
- a – alaskite and related felsic rocks
- bgm – Butte Quartz Monzonite

Kv — Cretaceous Elkhorn Mountains volcanics

KJu — Cretaceous and Jurassic rocks, undifferentiated

Mm — Mississippian Madison Group limestone and marble

Dj — Devonian Jefferson Formation dolomite and limestone dolomites smell of petroleum

Geology generalized from Becraft, Pinkney, and Rosenblum (1963), Knopf (1963), and Smedes (1963).