



Note: Section from sta. 66 to sta. 80 compiled from Emmons' Atlas, Prof. Paper 148, and drill records. The published sections are generalized and partly contradictory. The present section is an attempt to reconcile these sections with known geology and drill records, and as such, is speculative and probably over-simplified. The fact that no faults are shown from 72 to 80 indicates only that data are insufficient to locate the faults, and not necessarily that faults are absent.

EXPLANATION

Qm	Younger glacial drift
Qtg	High terrace gravels
gp	Gray porphyry
wp	White porphyry
bl	Blue limestone (= { Leadville limestone Gilman sandstone Dyer dolomite })
Mfg	Gilman sandstone member of Leadville formation
Dcd	Dyer dolomite member of Chaffee formation
Dcp	Parting quartzite member of Chaffee formation
Om	Manitou limestone (White limestone)
Esp	Peerless formation ("Transition shale")
Cs	Sawatch quartzite (Cambrian quartzite)
pCspg	Pre-Cambrian Silver Plume granite
	Schist inclusions in granite
—	Fault
— — —	Inferred fault, approximately located
— — — —	Known contact
— — — — —	Approximate contact

U. S. GEOLOGICAL SURVEY
GEOLOGIC SECTION ALONG
LEADVILLE DRAINAGE TUNNEL
STATION 60+00 to 66+00 and inferred section, 66+00 to 80+00
LAKE COUNTY, COLORADO

SCALE
100 0 100 200 300 Feet
Geology by Ogden Tweto
August 1945, September 1950

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.