



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



M(200)
R29a
no. 51-84

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