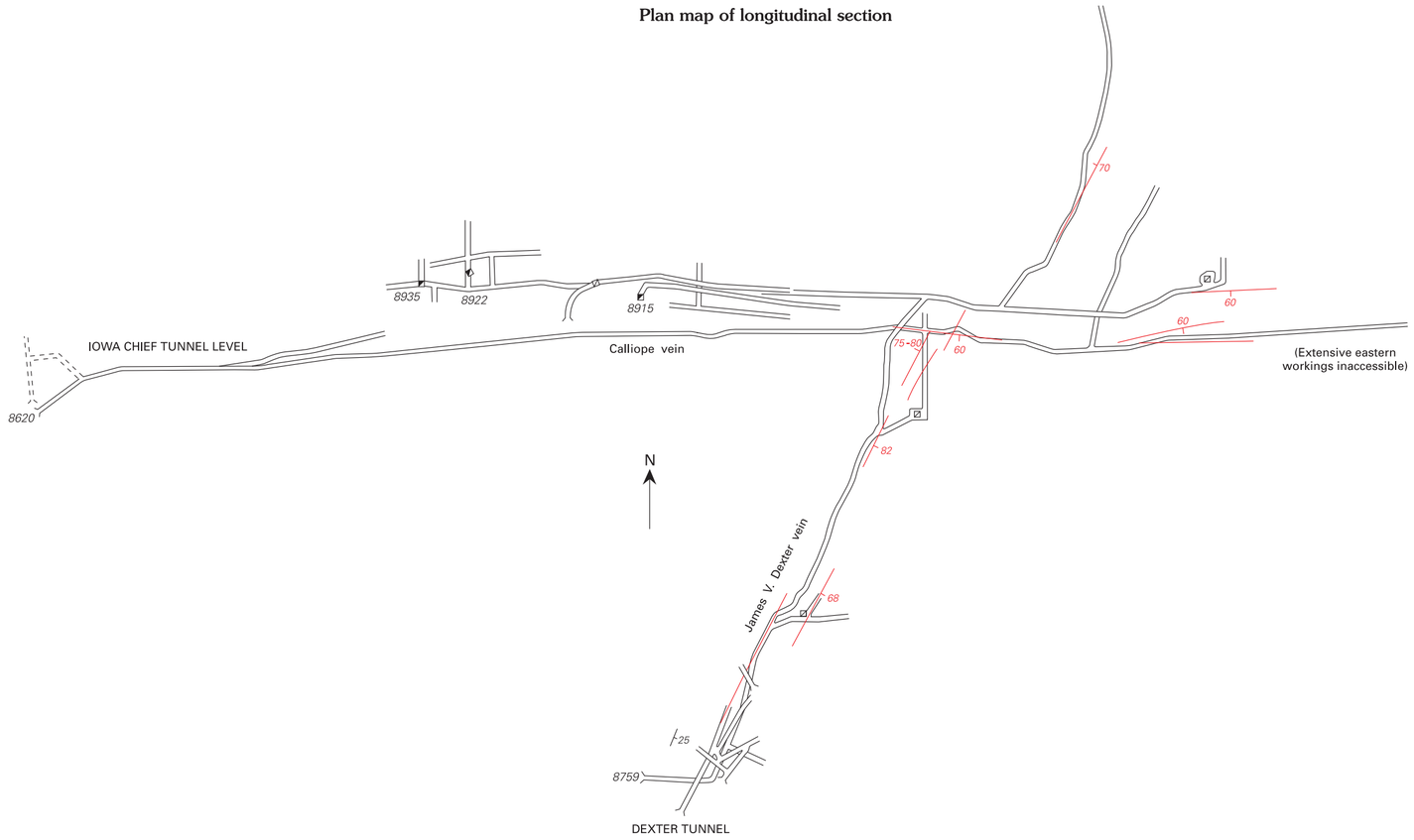
Plan map of longitudinal section



EXPLANATION

[To correlate map units, refer to Correlation of Map Units on plate 1]

MAP UNITS

- Qal — **Alluvium (Holocene)**
- Tsj — **San Juan Formation (Oligocene)**
- Tt — **Telluride Conglomerate (Eocene)**—Shown in section only
- TKig — **Porphyritic granodiorite (Paleocene and Late Cretaceous)**
- Km — **Mancos Shale (Upper Cretaceous)**
- Kd — **Dakota Sandstone (Upper and Lower(?) Cretaceous)**
- Jm — **Morrison Formation (Upper Jurassic)**

MAP SYMBOLS

Contact—Dashed where inferred on map or projected in sections; queried where uncertain

50 U D **Vein, mineralized fracture, or minor fault**—Showing inclined dip; dip not shown where vertical. U, upthrown side; D, downthrown side. Arrows indicate relative movement (shown in section only)

8 **Strike and dip of inclined beds**

Mine workings

In plan map—Showing portal. Dashed where projected

In sections—Showing intersection with crosscutting tunnel. Dashed where projected

8785 **Altitude, in feet**

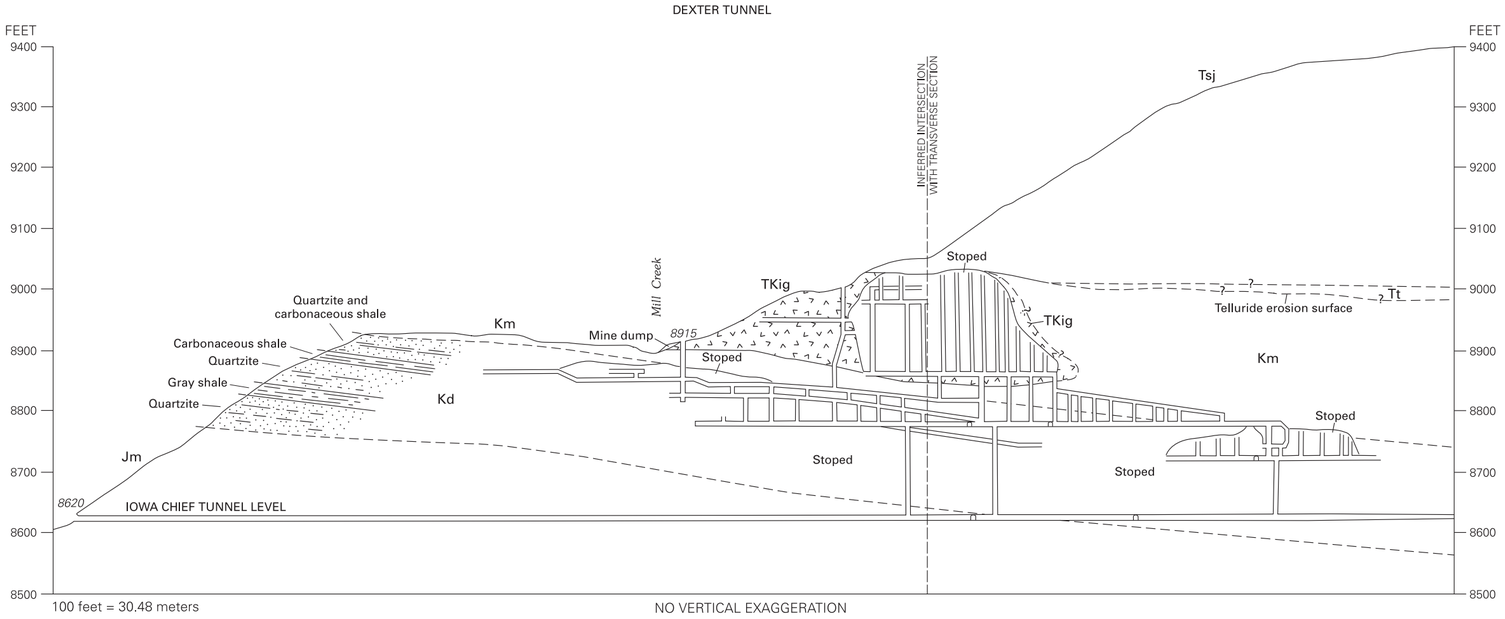
Vertical shaft

Winze or head of raise

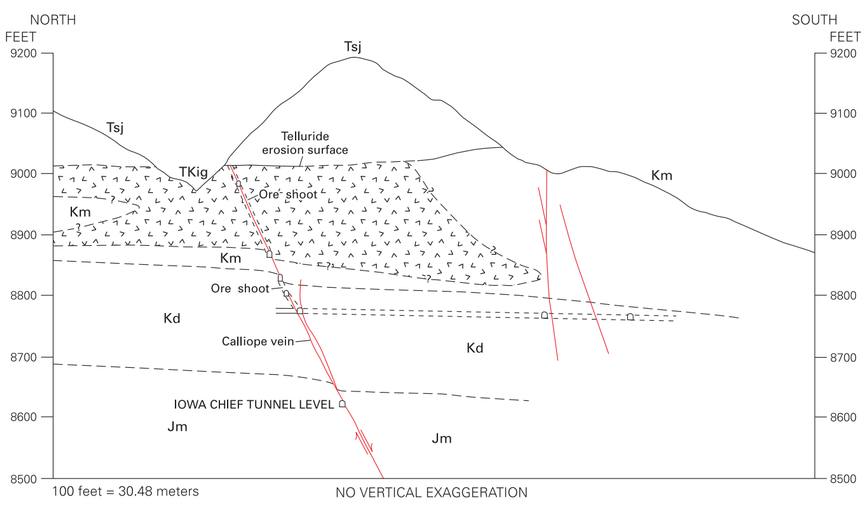
Adit

Mine dump

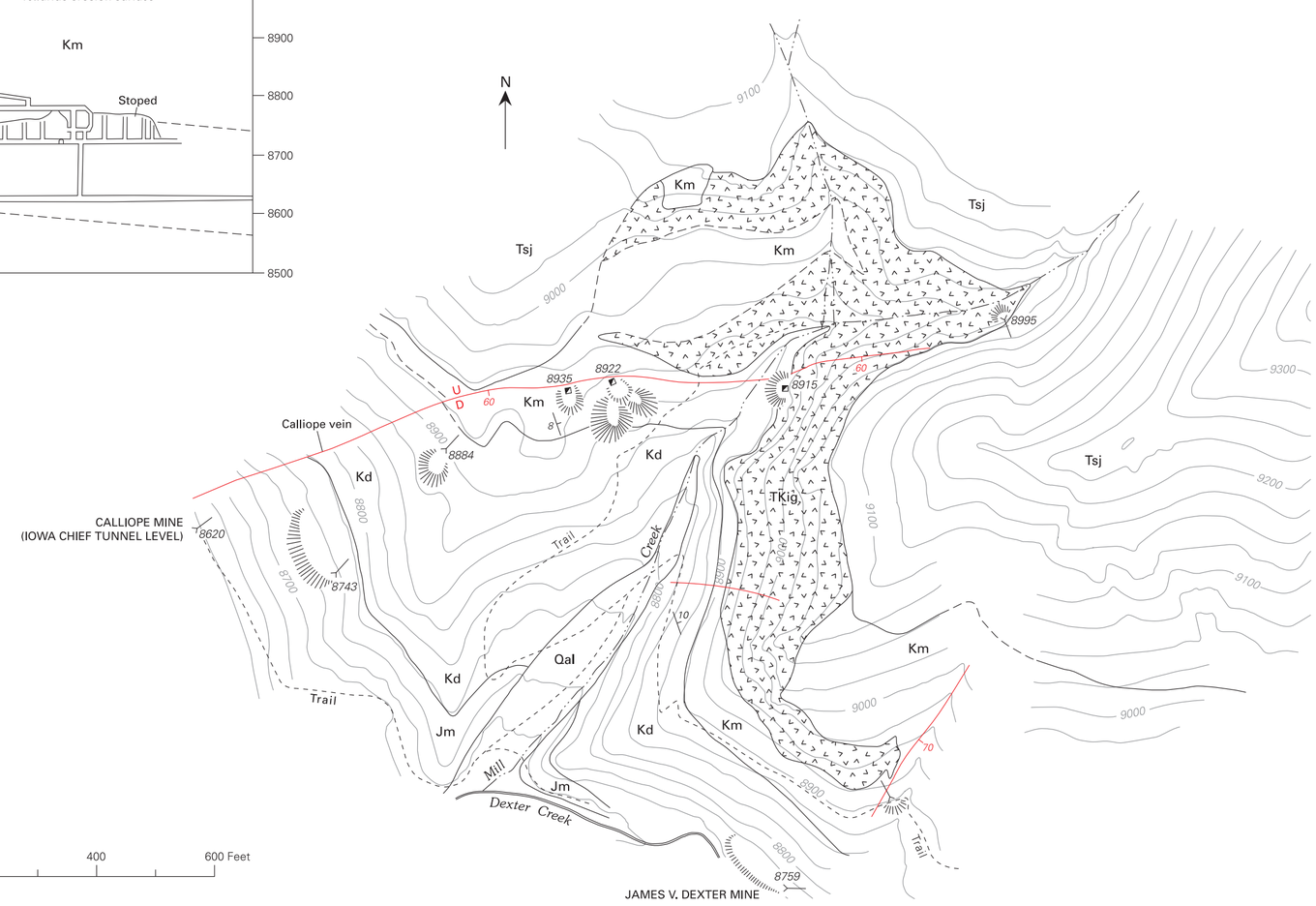
Mine workings compiled from various source maps; altitudes adjusted to U.S. Geological Survey approximate altitudes of tunnel portals. Approximate courses and altitudes of some mine workings determined by alidade and plane-table surveys.



Generalized longitudinal section



Generalized transverse section



Geologic and topographic map of the area near the Calliope mine. Contour interval 25 feet

GEOLOGIC AND PLAN MAPS AND SECTIONS OF THE CALLIOPE MINE, UNCOMPAHGRE MINING DISTRICT, OURAY COUNTY, COLORADO