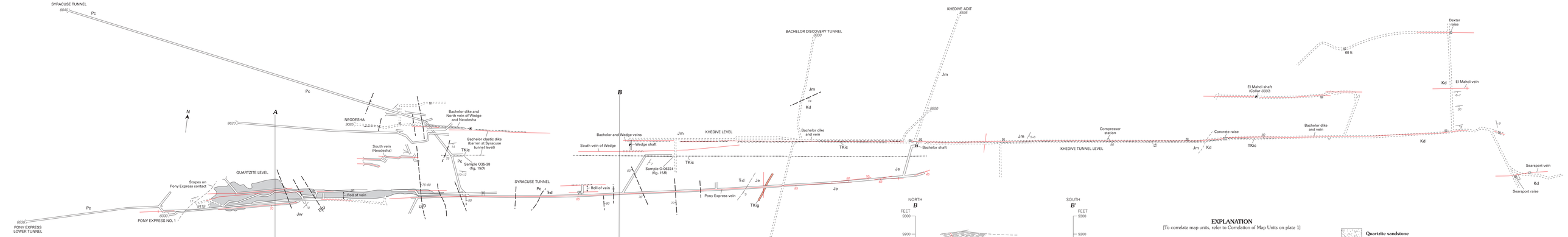
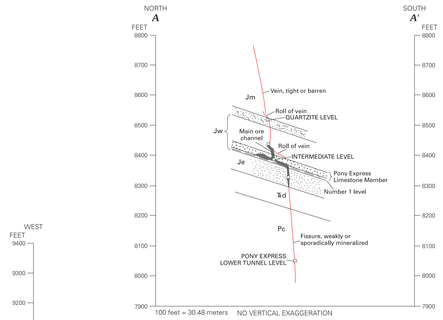
Plan map

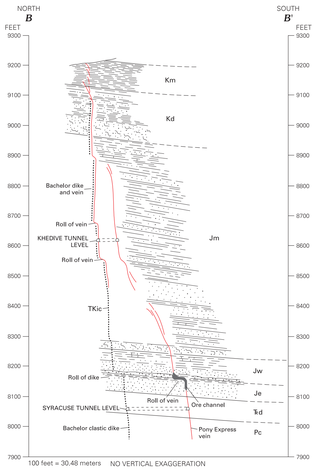




Section *A–A'* across the Pony Express Mine

Geology by W.S. Burbank and M.G. Barclay, 1930–35. 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.

0 200 400 600 Feet



Generalized section *B–B'* across the Pony Express and Bachelor veins (upper part of section is highly generalized because of lack of accurate information)

EXPLANATION

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

MAP UNITS

- Qal — **Alluvial deposits**
- Qt — **Talus deposits (Holocene)**
- Qls — **Landslide deposits (Holocene and Pleistocene)**
- Tsj — **San Juan Formation (Oligocene)**
- **Porphyritic granodiorite (Paleocene and Late Cretaceous)**
  - TKig — Laccolith
  - TKig — Dike
- TKic — **Intrusive clastic dike (Paleocene and Late Cretaceous)**—Showing dip
- Km — **Mancos Shale (Upper Cretaceous)**
- Kd — **Dakota Sandstone (Upper and Lower(?) Cretaceous)**
- Jm — **Morrison Formation (Upper Jurassic)**
- Jw — **Wanakah Formation (Middle Jurassic)**—Includes Pony Express Limestone Member
- Je — **Entrada Sandstone (Middle Jurassic)**
- Tkd — **Dolores Formation (Upper Triassic)**
- Pc — **Cutler Formation (Lower Permian)**

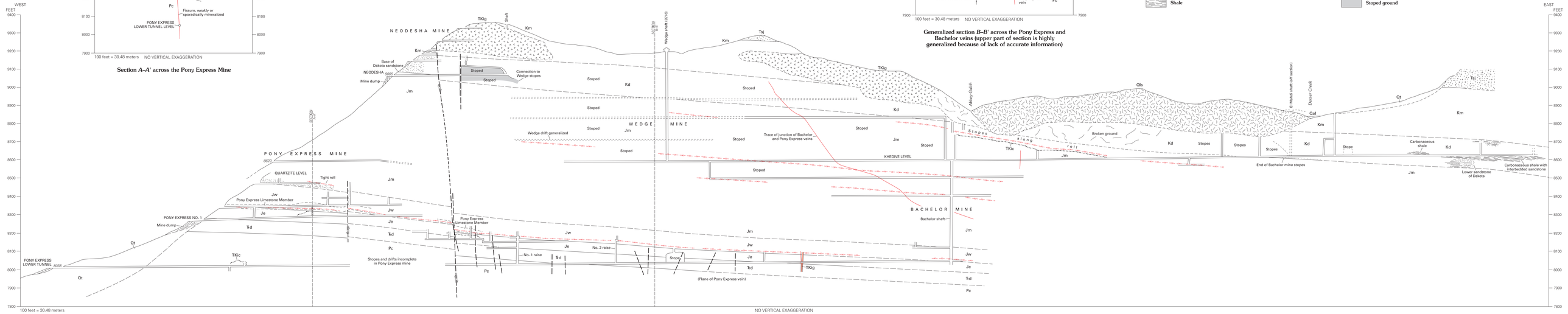
LITHOLOGIC PATTERNS IN SECTIONS *A-A'* and *B-B'*

[Patterns are shown combined in some units]

- **Sandstone**
- **Shale**
- **Quartzite sandstone**
- **Limy shale**
- **Breccia**

MAP SYMBOLS

- **Contact**—Showing dip; long-dashed where approximately located; short-dashed where projected
- 50 — **Vein or mineralized fissure**—Showing inclined and vertical dip (in places along walls or within clastic dike)
- 50 U D — **Fault or fissure**—Weakly mineralized or unmineralized, showing inclined and vertical dip; long-dashed where approximately located; short-dashed where projected. Arrows show relative movement. U, upthrown side; D, downthrown side
- **Roll of vein**
- 8620 — **Altitude, in feet**
- 30 — **Strike and dip of beds**—Inclined
- **Shaft**
  - From surface
  - Through levels
- **Raise**
- **Winze**
- 9085 — **Mine workings**—Showing approximate altitude of portal, in feet. Dashed where projected
- **Section view of crosscutting tunnel**
- **Ore channel**
- **Stoped ground**



Longitudinal section

PLAN MAP AND SECTIONS OF THE BACHELOR GROUP OF MINES, UNCOMPAHGRE MINING DISTRICT, OURAY COUNTY, COLORADO