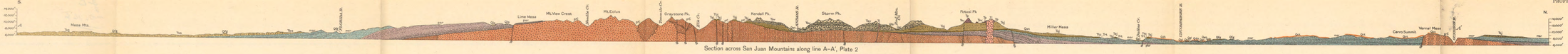
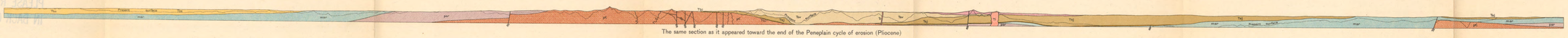


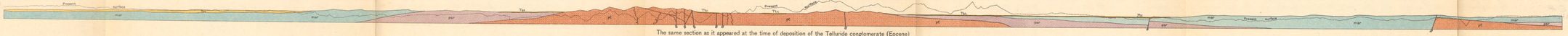
Section across San Juan Mountains along line A–A', Plate 2

The same section as it appeared during the Florida cycle of erosion in the post-Cerro and pre-Durango interglacial stage (middle Pleistocene)

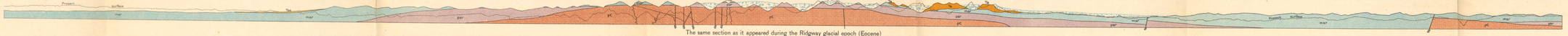


The same section as it appeared toward the end of the Peneplain cycle of erosion (Pliocene)

The same section as it appeared shortly after the cessation of Potosi volcanic activity (Miocene)



The same section as it appeared at the time of deposition of the Telluride conglomerate (Eocene)



The same section as it appeared during the Ridgway glacial epoch (Eocene)

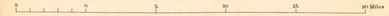
Qal, Alluvium; Qls, landslides; Qwt, Wisconsin till; Qwo, Wisconsin outwash; Qdt, Durango till; Qdo, Durango outwash; Qfg, Florida gravel; Qct, Cerro till; Ti, intrusives; Tp, Potosi volcanic series; Tsv, Silverton volcanic series; Tsj, San Juan tuff; Tss, Tertiary sedimentary rocks; Ttc, Telluride conglomerate; Trt, **Ridgway till**; Ta, **Animas formation**; mzr, Mesozoic sedimentary rocks; pzr, Paleozoic sedimentary rocks; pC, pre-Cambrian quartzite, schist, etc.

Structural section across San Juan Mountains along line B–B', Plate 2

The same section as it appeared during the Florida cycle of erosion (middle Pleistocene)

The same section as it appeared during the San Juan peneplain stage (Pliocene)

Qal, Alluvium including wash of Florida epoch (Recent and Pleistocene); Qls, landslides; Qwt, Wisconsin glacial till (Pleistocene); Qphv, **post-Hinsdale volcanics**; Th, **Hinsdale volcanic series (Pliocene?)**; Ttp, **Los Pinos gravel (Pliocene ?)**; Tf, **Fisher latite andesite (Miocene)**; Ti, intrusives; Tp, Potosi volcanic series (Miocene); mzr, Mesozoic sedimentary rocks; pzr, Paleozoic sedimentary rocks: pC, pre-Cambrian rocks.



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Geology by W. W. Atwood and K. F. Mather
(Bedrock geology after Cross, Larsen, and others)

THE EVOLUTION OF THE SAN JUAN MOUNTAINS, COLORADO, AS SHOWN BY STRUCTURAL AND PHYSIOGRAPHIC CROSS SECTIONS