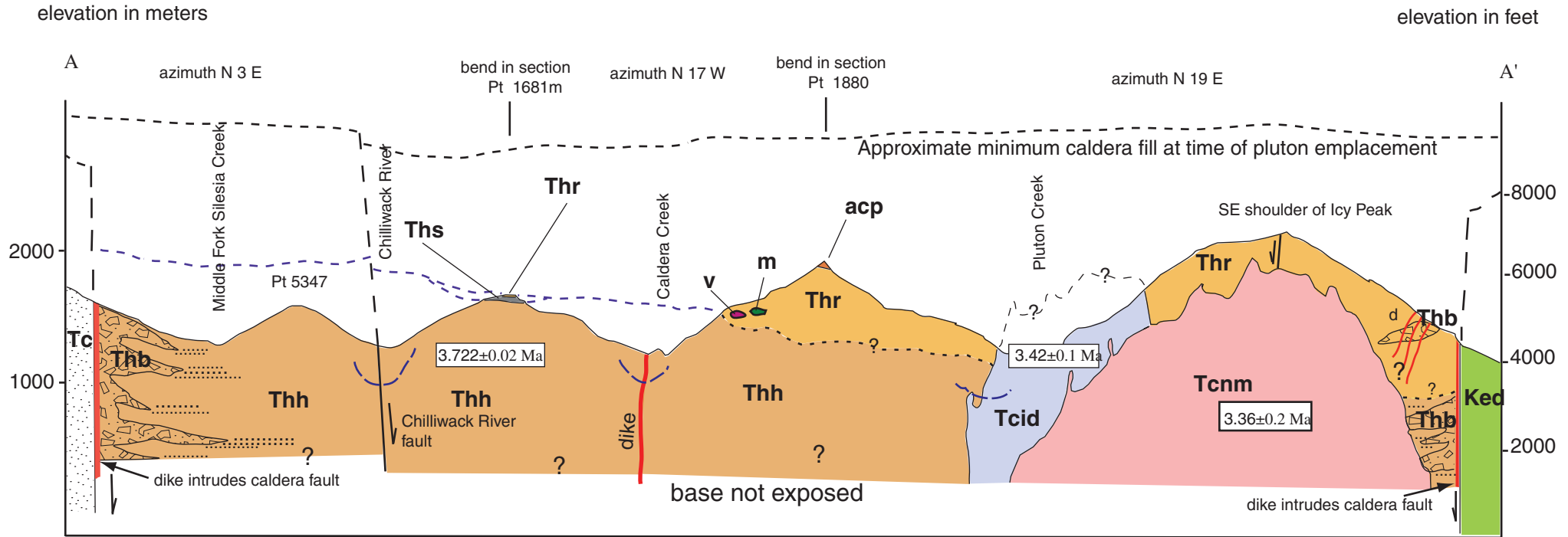


CROSS SECTION THROUGH THE HANNEGAN CALDERA



Cross section through the Hannegan caldera from the northern margin in Silesia Creek to the southern margin near Icy Peak. See the geologic map for line of cross section. No vertical exaggeration. Elevations of mapped points are in meters. Unit abbreviations as per the accompanying geologic map. Wall rock breccia lenses (Thb) and pluton contacts are schematically drawn. V, M are dacite and schist megabreccia blocks north of Ruth Mountain. Intra-ignimbrite sediments (Ths) are shown schematically in a localized depression. Blue dashed lines in drainages indicate the elevation of the lowest exposures mapped in the drainage, if not on the line of section. Minimum fill is estimated by assuming the emplacement depth of the medium-grained Icy Peak and Nooksack Cirque plutons was at least 1 km.

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