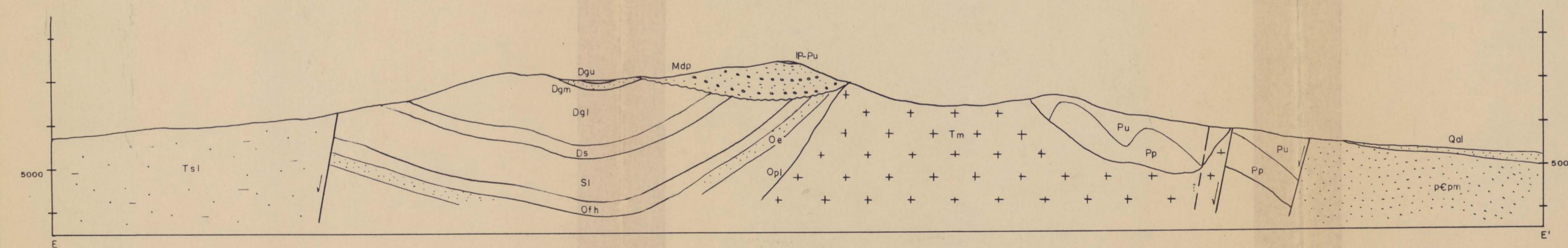
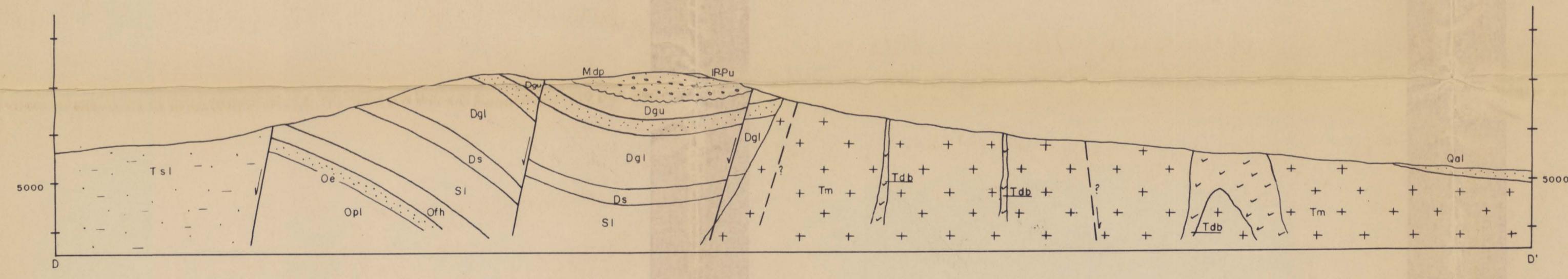
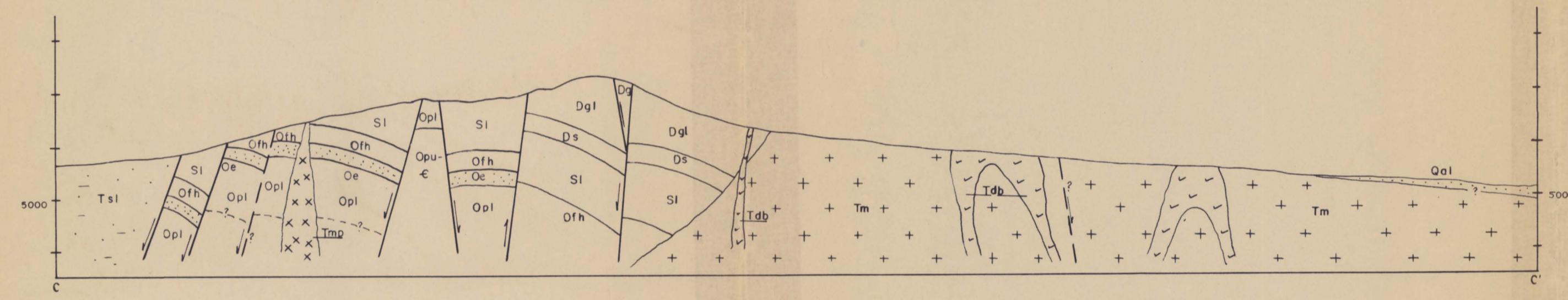
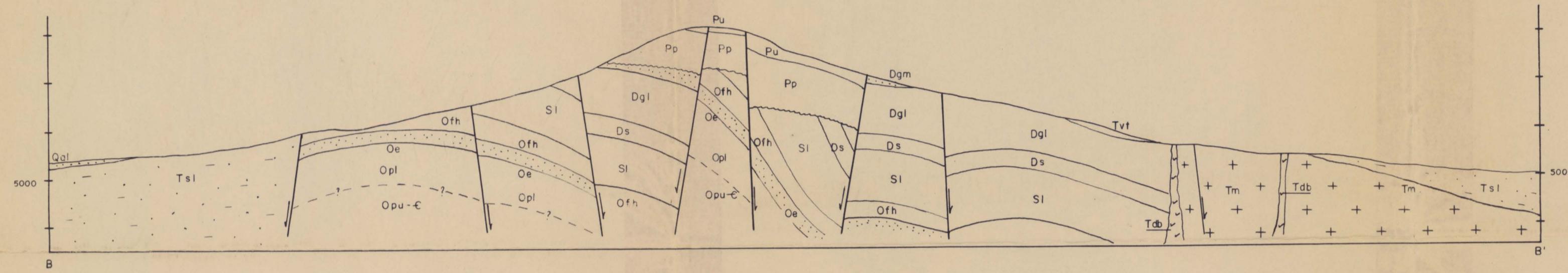
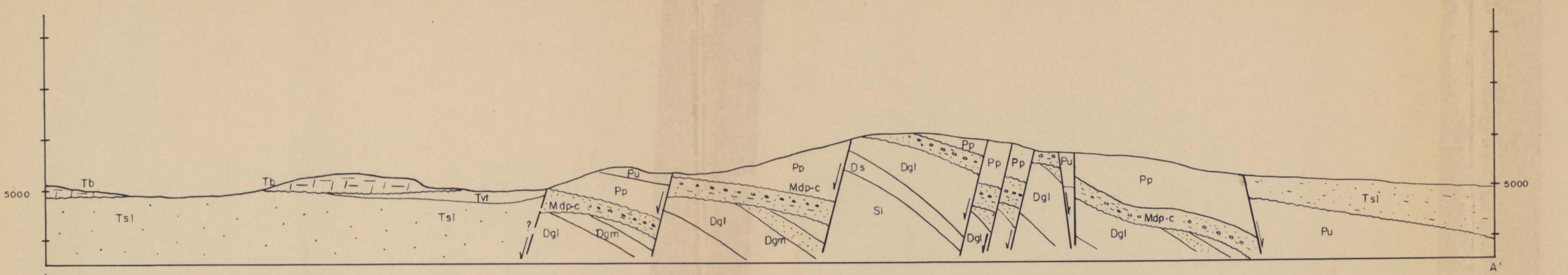


STRUCTURE SECTIONS
LUCIN MINING DISTRICT
AND VICINITY
NORTHERN PILOT RANGE
X ELDER COUNTY, UTAH
ELKO COUNTY NEVADA



REGIONS

The diagram illustrates the geological column of the region, organized by era and stage, with specific rock units and their characteristics:

- PROTEROZOIC:** Contains the **Pogo Gp.** (Opo-C) and the **Prospect Mountain Fm.** (p€pm).
- CAMBRIAN:** Contains the **Pogo Gp.** (Lehman Fm.) and the **Cambridge Fm.** (Cm).
- ORDOVICIAN:** Contains the **Eureka quartzite** (Ee), the **Pogonip Gp.** (Lehman Fm.), and the **Fish Haven dolomite** (Ofh).
- SILURIAN:** Contains the **Laketown dolomite** (Sl).
- DEVONIAN:** Contains the **Diamond Peak cgl.** (Mdp), the **Chainman Fm. undiff.** (Mdp-c), the **Upper Pennsylvanian & Wolfcamp undiff.** (IP-Pu), the **Pequop Fm.** (Pp), and the **Post Leonard undiff.** (Pu).
- MISSISSIPPIAN:** Contains the **Diamond Peak** (Dmd), the **Guilmette upper limestone** (Dgu), the **Guilmette middle quartzite** (Dgm), the **Guilmette lower limestone** (Dgl), and the **Simonson Fm.** (Ds).
- PERMIAN:** Contains the **Upper Pennsylvanian - & Wolfcamp undiff.** (IP-Pu).
- PENN:** Contains the **Post Leonard undiff.** (Pu).
- TERTIARY:** Contains the **Salt Lake Gp** (Tsl), the **monzonite porphyry** (Tmp), the **diabase** (Tdb), the **tuff & vitric tuff** (Tvt), and the **basalt** (Tb).
- QUARTERNARY:** Contains the **Alluvium** (Qal) and the **Alluvium & Lake sediment undiff.** (Qal Qls).

Vertical Scale: 6000, 5500, 5000 feet.

Horizontal Scale: 1/4, 1/2, 3/4 miles.

Scale: Vertical 1 inch = 1000 ft., horizontal 2.8 inches = 1 mile.

Item M1 (item 1)