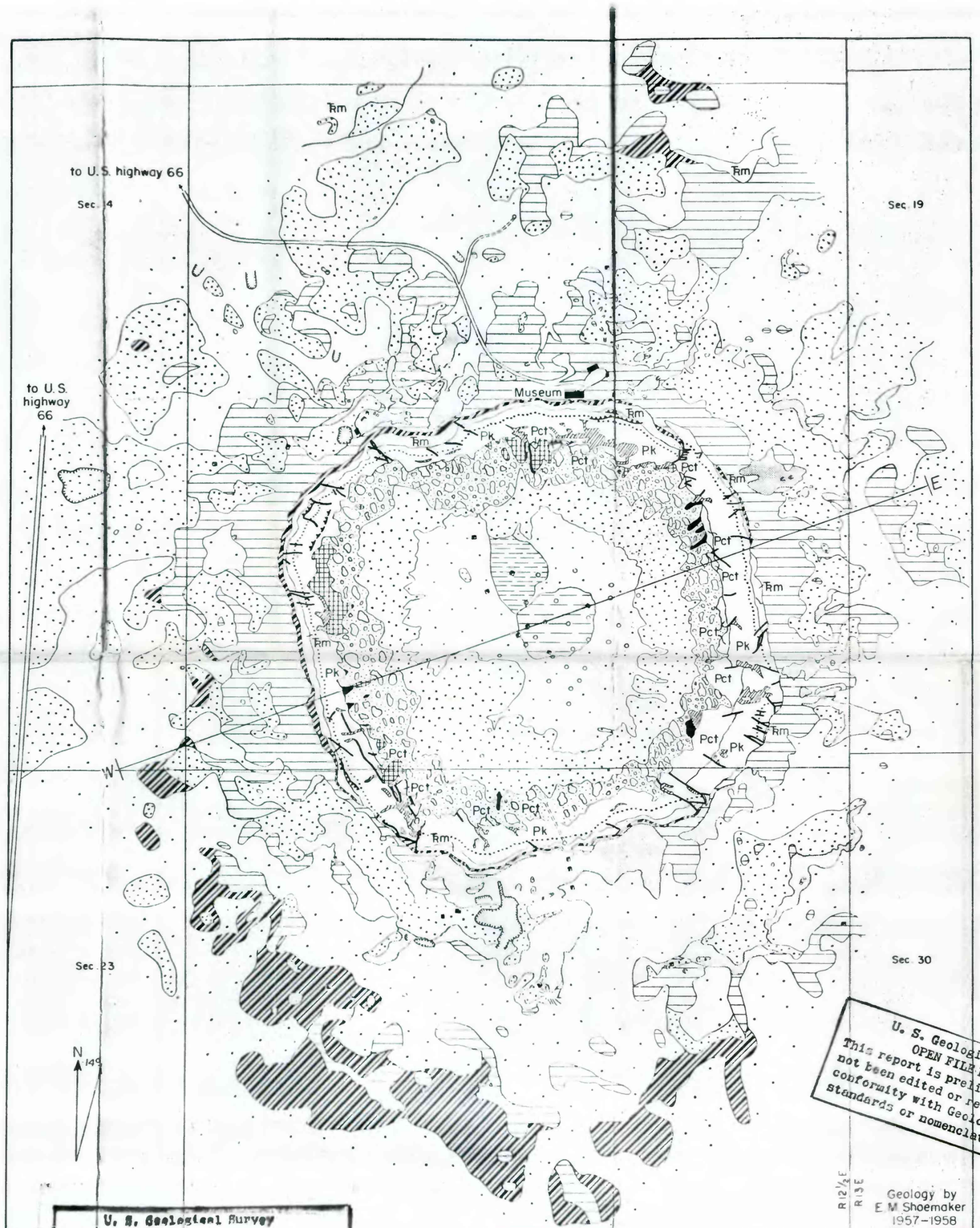

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EXPLANATION

Recent
- Alluvium
- Playa beds

UNCONFORMITY

Pleistocene
- Alluvium
- Lake beds
- Talus deposits

UNCONFORMITY

- Mixed debris from Coconino, Toroweap, Kaibab, and Moenkopi formations; includes lechatelierite and meteoritic material
- Debris from Coconino and Toroweap formations
- Debris from Kaibab limestone
- Debris from Moenkopi formation

QUATERNARY

UNCONFORMITY

- Trm — Moenkopi formation

TRIASSIC

UNCONFORMITY

- Pk — Kaibab limestone; dotted line is sandstone bed in Alpha member
- Pct — Coconino and Toroweap formations

PERMIAN

- Contact
- Faults, nearly vertical or normal
- Thrust fault, teeth are on side of upper plate
- Authigenic breccia; fragments not mixed, occurs mostly along faults
- Allogenic breccia; fragments mixed, includes lechatelierite and meteoritic material
- Shaft
- Adit
- Pit
- Dump
- Drill hole

FIGURE 3.—GEOLOGIC MAP OF METEOR CRATER, ARIZONA