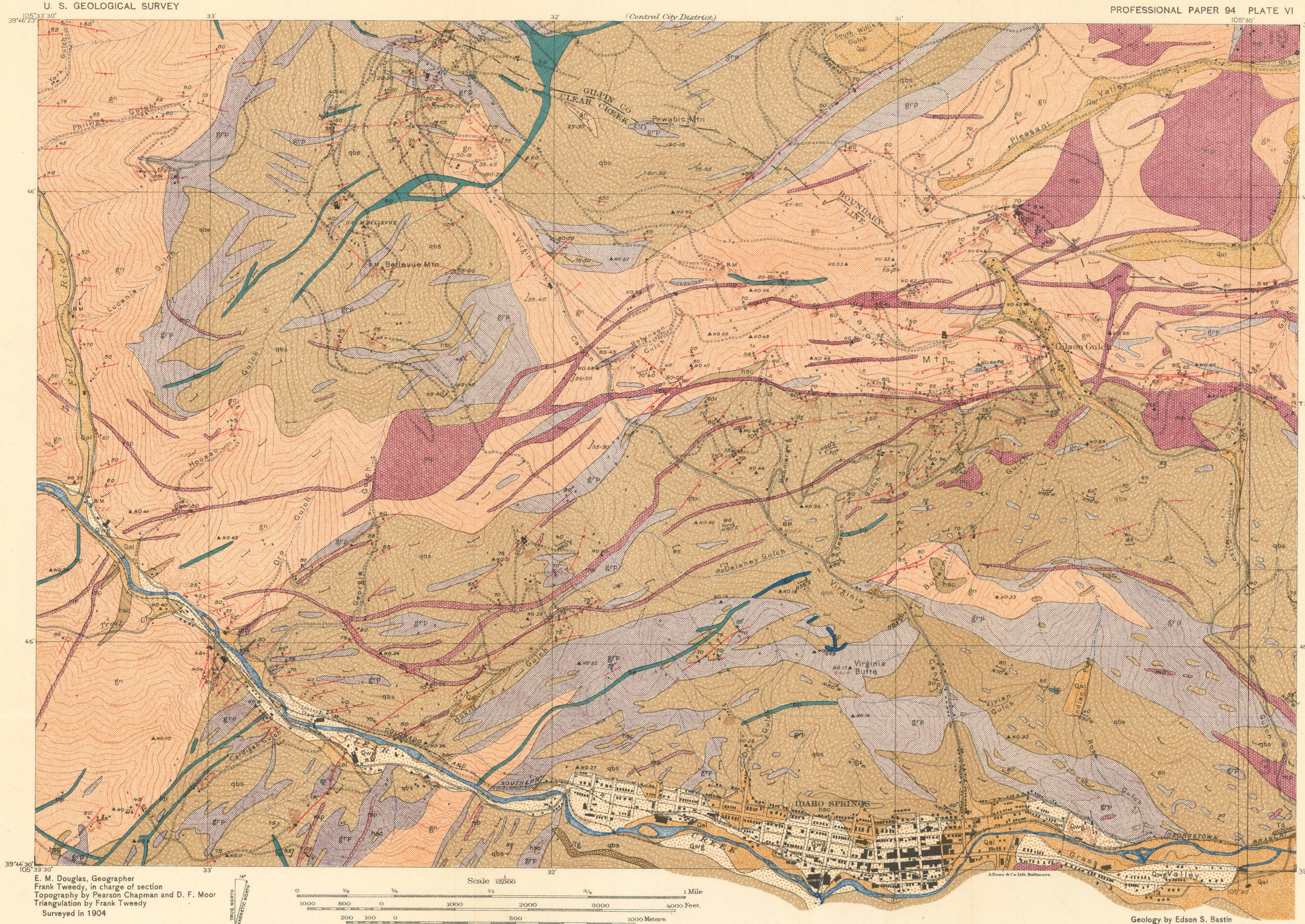

E. M. Douglas, Geographer
Frank Tweedy, in charge of section
Topography by Pearson Chapman and D. F. Moor
Triangulation by Frank Tweedy
Surveyed in 1904

Geology by Edson S. Bastin
assisted by James M. Hill
Surveyed in 1911 and 1912

GEOLOGIC MAP OF THE IDAHO SPRINGS QUADRANGLE, COLORADO

1917

LEGEND

SEDIMENTARY ROCKS

- Qal — Alluvium and débris sheets (*Stream deposits in present flood plains and angular débris from rock disintegration*) — Recent — QUATERNARY
- Qwg — Outwash deposits of Wisconsin glacial stage — Probably late Pleistocene — QUATERNARY
- Terrace gravels (*In part cemented*) — Tertiary — TERTIARY?
- qbs — Quartz-biotite schist of Idaho Springs formation (*Probably metamorphosed sediments*) — PRE-CAMBRIAN
- hsc — Hornblende schist of Idaho Springs formation (*Contact-metamorphic equivalent of quartz-biotite schist*) — PRE-CAMBRIAN

IGNEOUS ROCKS

- bp — Bostonite and bostonite porphyry
- mp — Monzonite and monzonite porphyry (*Quartz monzonite, quartz monzonite porphyry, etc.*) — LATE CRETACEOUS OR EARLY TERTIARY
- Granite porphyry (*Three dikes just north of Idaho Springs*) — LATE CRETACEOUS OR EARLY TERTIARY
- grp — Granite pegmatite — PRE-CAMBRIAN
- gn — Granite gneiss (*Light to dark gray foliated rocks of medium grain*) — PRE-CAMBRIAN
- Metalliferous vein, with angle of dip
- Strike and dip of foliation