105°32'46" 32' 31' 30' R.72 W. 105°29'15"

39°49' 39°48' 48' 47' 39°46'23"

T. 3 S.

LEGEND

SEDIMENTARY ROCKS

Recent — QUATERNARY

- Qal — **Alluvium** (*Sands and gravels along present streams*)
- Qd — **Débris sheets** (*Angular débris from rock disintegration*)

PRE-CAMBRIAN

- qbs — **Quartz-biotite schist of Idaho Springs formation** (*Probably metamorphosed sediments*)
- hsc — **Hornblende schist of Idaho Springs formation** (*Contact-metamorphic equivalent of quartz-biotite schist*)
- ls — **Lime-silicate rocks of Idaho Springs formation** (*Formed by contact metamorphism of calcareous phases*)

IGNEOUS ROCKS

LATE CRETACEOUS OR EARLY TERTIARY

- bp — **Bostonite and bostonite porphyry**
- mp — **Monzonite and monzonite porphyry** (*Quartz monzonite, quartz monzonite porphyry, etc.*)

PRE-CAMBRIAN

- bg — **Biotite granite** (*Probably a phase of the Silver Plume granite*)
- grp — **Granite pegmatite**
- gn — **Granite gneiss** (*Light to dark gray foliated rocks of medium coarseness*)

Metalliferous vein with angle of dip

Strike and dip of foliation

The Patch (*Unmineralized breccia or stockwork*)

A. Hoen & Co. Lith. Baltimore.

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

APPROXIMATE MEAN DECLINATION 1904.

(Idaho Springs Quadrangle)

GEOLOGIC MAP OF THE CENTRAL CITY DISTRICT, COLORADO

Scale 1/2000

0 1/8 1/4 1/2 3/4 1 Mile

1000 500 0 1000 2000 3000 4000 Feet.

200 100 0 500 1000 Meters

Contour interval 50 feet.

Datum is mean sea level.

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

1917