

LEGEND

SUPERFICIAL

(Areas of Superficial rocks are shown by patterns of dots and circles.)

- grv Auriferous gravels of present streams
- in Alluvium, infusorial earth, sands and clays

SEDIMENTARY

(Areas of Sedimentary rocks are shown by patterns of parallel lines.)

- Nt Tuscan formation (Sandstone conglomerates and tuff)
- Ng Auriferous gravels of ancient streams
- Ni Ione formation (Sand and gravel, some clay and coals)
- Kc Chico formation (Sandstone and conglomerates with coal seams worked only for local use)

SEDIMENTARY (metamorphic)

(Metamorphism is indicated by hachures in the sedimentary patterns.)

- Jb Bend formation (Conglomerates, sandstone, slate and limestone)
- Jc Cedar formation (Limestone, sandstone and slate)
- Cr Robinson formation (Conglomerates, sandstone, silicious slate and tuff)
- Cc Calaveras formation (Quartzite, slate and limestone)
- Da Arden formation (Sandstone and slate)
- Sg Grizzly formation (Slate)

IGNEOUS

(Areas of igneous rocks are shown by patterns of triangles and rhombs.)

- Pqb Quartz basal
- Nb Basalt.
- Ndc Dacite.
- Nr Rhyolite.
- Npa Pyroxene andesite.
- Nha Hornblende andesite.
- db Diabase and porphyry.
- qy Quartz porphyry.
- pr Peridotite (and serpentinite)
- di Diorite.

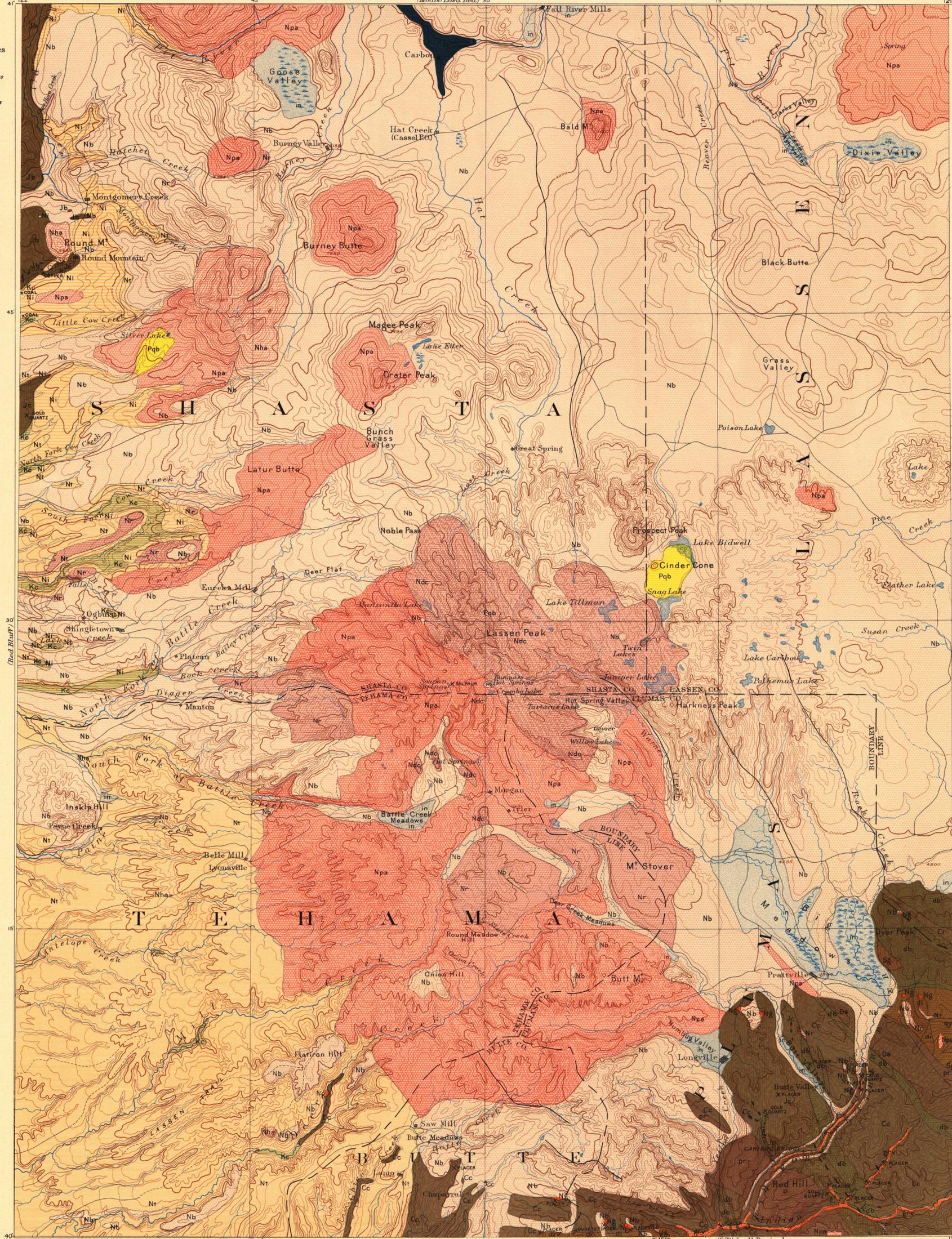
ASSOCIATED WITH THE AURIFEROUS SLATES

- Faults

- Mines and Quarries
- X GOLD QUARTZ
 - Gold quartz mines
 - X GOLD QUARTZ
 - Gold quartz prospects
 - X PLACER
 - Gold placer mines
 - X PLACER
 - Gold placer prospects

Known productive formations

- Infusorial earth
- Auriferous slates
- Lenses in Auriferous slates (Limonite)



Henry Gannett, Chief Geographer.
Gilbert Thompson, Geographer in charge.
Triangulation by M.B. Kerr and Wheeler Survey.
Topography by M.B. Kerr, J.D. Hoffmann and Wheeler Survey.
Surveyed in 1882-4.



Scale 250,000
Contour Interval 200 feet
Datum is mean Sea level
Edition of Nov. 1894.

G. K. Gilbert, Chief Geologist.
C. E. Dutton, Geologist in charge of division 1885-86.
J. S. Diller, 1886-92.
Geology by J. S. Diller.
Surveyed in 1885-86, 1891-93.