DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
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Mines and prospects, Idaho Springs district, Clear Creek and Gilpin Counties, Colo., by R. H. Moench and A. A. Drake, Jr.

Fig. 32

EXPLANATION

75 — Contact, showing dip
Dashed where approximately located

30 — Strike and dip of foliation

Horizontal foliation

26 / 10 — Strike and dip of foliation, and plunge of lineation

7 — Bearing and plunge of slickensides on vein

76 — Barren fracture, showing dip

90 — Vertical barren fracture

55 — Vein, showing dip
Dashed where approximately located

90 — Vertical vein

Head of winze

Lagging along drift

Interlayered biotite gneisses

Forge Hill No.2 vein

Sparse pyrite and chalcopyrite veinlets in gouge

Quartz bostonite porphyry

Forge Hill No.1 vein

Interlayered biotite gneisses

Quartz bostonite porphyry

Fairmont vein

16 in. galena, sphalerite, quartz, pyrite chalcopyrite, covellite and tennantite

Stoped below

Stoped above

18 in. galena, sphalerite, quartz, pyrite, chalcopyrite, and tennantite

4 in. pyrite, quartz, chalcopyrite, galena, and sphalerite

6 in. galena, sphalerite, chalcopyrite, quartz, and pyrite

4 in. galena and sphalerite

3 in. pyrite, chalcopyrite, galena, and sphalerite

½ in. quartz, pyrite, and chalcopyrite
Stoped below

Roscoe vein

4½ in. zone: 1½ in. bleached wall rock, 3 in. quartz and pyrite

3 in. quartz and pyrite

3 in. quartz, pyrite, chalcopyrite; copper bloom

Interlayered biotite gnelss

Pegmatite

Pegmatite

4 to 6 in. gouge

½ in. quartz and pyrite

Portal
Altitude 9257 ft.

Back lagged

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Plan by Max Schafer and A.E. Dearth, 1952

Geology by A. A. Drake, December 1952

FIGURE 32.--GEOLOGIC MAP OF THE FORGE HILL ADIT (E-I, 17, FIG. 1)

Descriptions and maps supplementary to U.S.G.S. Bull 1208, by R. H. Moench and A. A. Drake Jr. 1966

80 0 80 Feet

Datum is mean sea level