

PORTAL
Elev 9183 ft
Timbered

- EXPLANATION**
- Pegmatite
 - Migmatite
 - Contact, dashed where inferred
 - Plunge of minor anticline
 - Plunge of minor syncline
 - Strike and dip of foliation and plunge of lineations
 - Strike and dip of foliation and plunge of lineation
 - Horizontal foliation
 - Horizontal foliation, showing bearing of lineation
 - Vein, showing dip; dashed where approximately located. Dotted area shows disseminated ore
 - Head of raise or winze
 - Foot of raise or winze
 - Ore chute
 - Caved workings
 - Filled workings

PRE-CAMBRIAN



Quartz-pyrite-tetrahedrite-galena stringers and disseminated pyrite in a wide fractured zone. 2 in. of gouge on hanging wall

1 to 2 ft of quartz and pyrite

4 ft. of sheared quartz and pyrite with a few pods and crosscutting thin stringers of galena

2 to 3 ft of quartz and disseminated pyrite

1/16 in. of chalcopyrite and sphalerite

Raise from 200-foot level

A network of 1/16 to 1/2 in. stringers of galena, chalcopyrite, sphalerite, and quartz gangue—some parallel to main quartz-pyrite vein, some cutting into the hanging wall. Main vein is 1 to 2 ft wide.

50 0 200 Feet

Datum is mean sea level

Base after Company map by C. L. Harrington, 1925
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Geology by J. E. Harrison,

GEOLOGIC MAP OF PART OF THE SOUTH TUNNEL OF THE NEW ERA MINE, FREELAND-LAMARTINE DISTRICT, COLORADO