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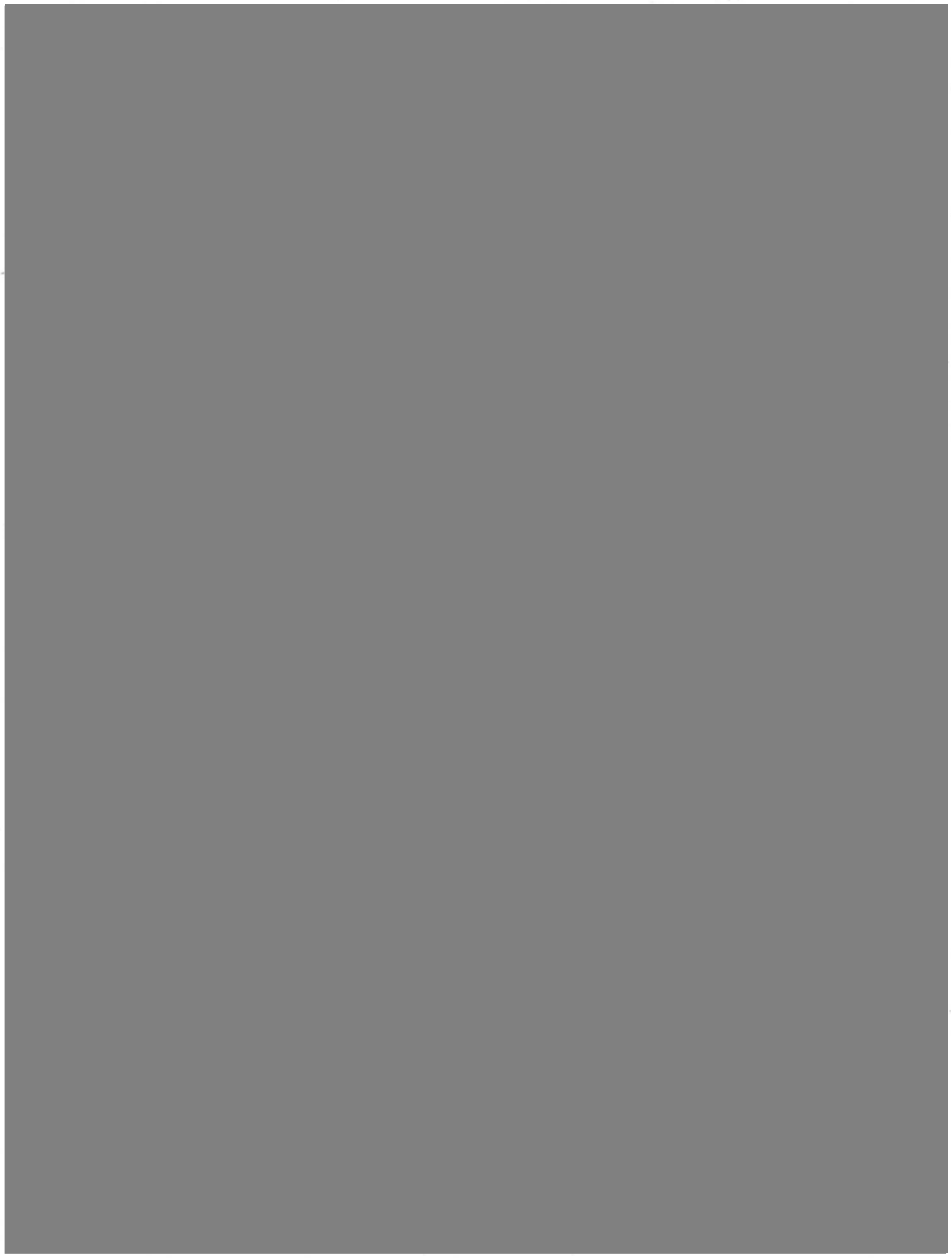
Colo. Sci. Soc. Proc. Vol. 12, # 12 (1931)

[Presented before the Society, December 27, 1930]

LOCALIZATION OF ORE BODIES AT RICO AND RED MOUNTAIN, COLORADO, AS CONDITIONED BY GEOLOGIC STRUCTURE AND HISTORY.

GEORGE E. COLLINS[1]

[1]Mining engineer, Denver, Colo.



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49, 2

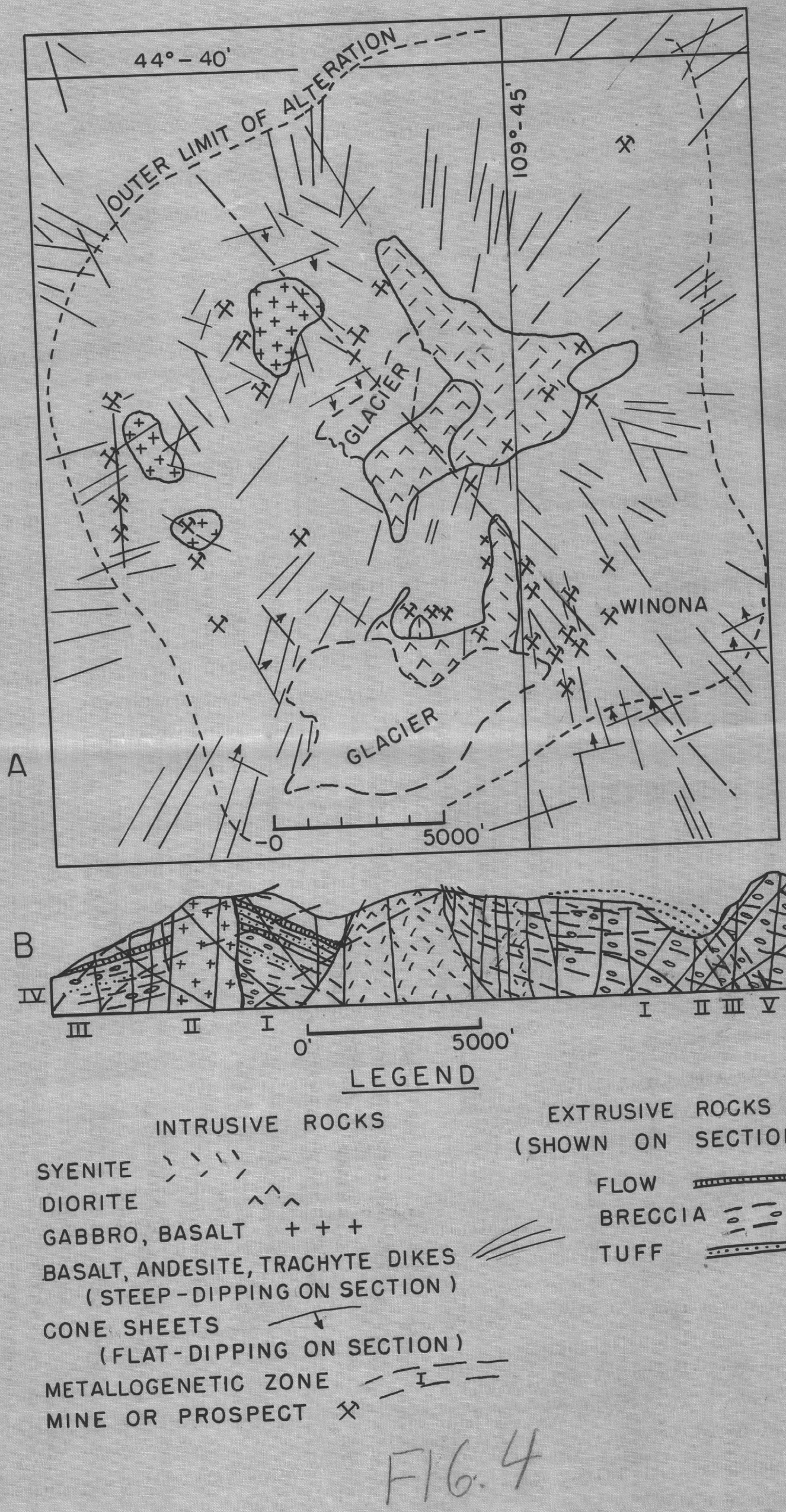

FIG. 4

(1) Ore Deposition South of Ouray R.S. Moehlmann E.G. vol. 31 C(1936) 377-97 & 488-509
(2) Plate III, Vein Systems of the Arrastre Basin etc W.S. Burbank Proc. Colo Sci Soc. etc vol 13 C(1939) 185-217
(3) Economic Geol. of Silverton D. Cole Ransome, USGS Bul 182, 1901

Structure Contours: — — Top of pre-Cambrian

108° 45' 30' 15'

38°N

37°45'

MONTROSE
RIDGWAY
OURAY
TELLURIDE
SILVERTON
RICO
DURANGO
CREEDE
DOMOZA
PIETOSO

Cimarron Fm.
Lake City Fm.
Post-Silverton
Post-Potosi
Post-Eocene
Post-Miocene
Post-Pliocene
Post-Mancos
Pre-Potosi
Pre-Silverton
Pre-Eocene
Pre-Miocene
Pre-Pliocene
Pre-Mancos
Ute Creek Fm.
Alamosa Fm.
Santa Maria Lake
Mesita Alluvium
Stratified
Pleistocene
Golden Fleece
Ute Creek
Eureka
Durango
Ouray
Telluride
Silverton
Lake City
Creede
Pietoso

From: USGS Bul. 843 Pl I

0 5 10 15 20

1"=4M

980

FINISHED

108°-05'

108°-00'

37°-45'

37°-40'

RICO, COLORADO
STRUCTURAL PLAN

0 1 MILE

LEGEND

MONZONITE: + + +
CAMBRIAN: €
ALGONKIAN: Ab
ARCHEAN:
RICO-HERMOSA CONTACT:
STRUCTURAL CONTOURS, TOP OF HERMOSA
SAME, PROJECTED ABOVE PRESENT SURFACE
FAULT: D
FRACTURE, MINOR FAULT:
BLANKET ORE BODY:
VEIN:
MAJOR MINES NAMED
SMALL MINES, PROSPECTS:

JOHNNY BULL
CHRISTINA
PRINCETON
TELEGRAPH MT.
FAULT D. 2000'
NELLIE BLY FAULT
BLACKHAWK
BLACKHAWK FAULT
RICO
UNION-CARBONATE
NEWMAN HILL
COWDREY
ENTERPRISE BLANKET
DELORES MT.
DOLORES RIVER

PLATE 2