4459 I NW (IRONTON)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOWARDSVILLE QUADRANGLE

COLORADO

7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 SILVERTON 15 QUADRANGLE

4459 IV NW (REDCLOUD PEAK)

4459 I NE (HANDIES PEAK)

OURAY 19 MI

SILVERTON 24 MI

4459 I SW (SILVERTON)

4459 IV SW (POLE CREEK MOUNTAIN)

(SNOWDEN PEAK) 4459 II NW

(STORM KING PEAK) 4459 II NE

4459 III NW (RIO GRANDE PYRAMID)

107°37'30" 37°52'30" 271 000m E. 272 35' 273 276 32'30" 277 278 279 1 420 000 FEET 107°30' 37°52'30"

4194 000m N. 4193 4192 4191 4190 4189 4188 4187 4186 4185 4184 4183 4182 4181 000m N.

50' 47'30" 45'

410 000 FEET

4193 440 000 FEET

Tower Mountain 13553
Dome Mountain 13370
Cataract Basin
Hematite Basin
Macomber Peak 13322
Hematite Lake
Brendel Gulch
Otto Gulch
Cataract Gulch
Animas River
South Fork Animas River
Middleton
Howardsville
Gaging Sta
Pride of the West Mill
Cem
Porcupine Gulch
Minnie Gulch
Middle Mountain 12984
Hamel Mine
Ruby Mine
Maggie Gulch
Esmeralda Mine
Cuba Gulch
Cuba VABM 13019
DIVIDE FOREST BOUNDARY
GUNNISON NATIONAL FOREST
HINSDALE CO
SAN JUAN CO
Caledonia Mine
Kitti Mack Mine
ABANDONED AERIAL TRAMWAY
FOREST HWY
PACK TRAIL
Galena Mountain VABM 13278
Old Hundred Mine
Ridgeway Mine
Little Maud Mine
Crystal Lake
Gary Owen Mine
Rein Gold Mine
Sterling Gulch
Rocky Stony Gulch
Osceola Mine (Active)
Pride of the West Mine (Active)
Buffalo Boy Mine
Little Fanney Mine
Green Mountain Mine
Canby Mountain VABM 13478
Stony Pass
Middle Fork Pole Creek
West Fork Pole Creek
CONTINENTAL DIVIDE NATIONAL FOREST
SAN JUAN MOUNTAINS
RIO GRANDE
Cunningham Gulch
King Solomon Mountain 13185
Little Giant Basin
Mayflower Mine
Big Giant Mine
Arrastra Spring
Hazelton Mtn 12527
Unity Tunnel
Round Mountain 12913
Little Giant Peak 13416
Woodchuck Basin
Dives Basin
Shenandoah Mine
Silver Lake Mine
Silver Lake 12186
Kendall Peak 13451
Fitzsylle Mine
Royal Tiger Mine
Royal Tiger Basin
Royal Tiger Creek
Highland Mary Mine
Arrastra Basin
Buckeye Mine
Mountaineer Creek
Spencer Basin
Sugarloaf 12754
Deer Park Creek
Whitehead Peak 13259
Highland Mary Lakes 12090
Verde Lakes
Sheep Mountain 13292
Greenhalgh Mountain 13220
Quartzite
Deep Creek
Grande Creek
FOREST BOUNDARY (INDEFINITE)
WHITEHEAD TRAIL

Mapped, edited, and published by the Geological Survey

Control by USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, south zone

Land lines are omitted in T. 40 N., T. 41 N., and T. 42 N.-R. 6 W. and R. 7 W. because of insufficient data

All mining features on this map are inactive unless otherwise indicated

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

GN MN 1°34' 28 MILS 14° 249 MILS

UTM GRID AND 1955 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

COLORADO
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt - - - - -

State Route

● INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969

HOWARDSVILLE, COLO.
SE/4 SILVERTON 15' QUADRANGLE
N3745—W10730/7.5
1955
AMS 4459 I SE—SERIES V877

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G 4701 S2 U5 G 3700 W10 c.3 s24 .G4 MAP ROOM