UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOWARDSVILLE QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 SILVERTON 15 QUADRANGLE

4459 I NW (IRONTON)
4459 IV NW (REDCLOUD PEAK)
4459 I NE (HANDIES PEAK)
4459 I SW (SILVERTON)
4559 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 440 000 FEET

OURAY 19 MI. 110 SILVERTON 24 MI. 110
FOREST BOUNDARY (INDEFINITE)
HINSDALE CO - SAN JUAN CO
CONTINENTAL DIVIDE
GUNNISON NATIONAL FOREST
RIO GRANDE NATIONAL FOREST

Tower Mountain 13553
Dome Mountain 13370
Cataract Basin
Hematite Basin
Macomber Peak 13322
Hematite Lake
Brendel Gulch
Howardsville
Gaging Sta
Middleton
Otto Gulch
Cataract Gulch
Animas River
South Fork
Trail
Pack
Aerial Tramway (Abandoned)
Tramway
Aerial
Abandoned
Caledonia Mine
Kitt Mack Mine
Minnie Gulch
Middle Mountain 12984
Esmeralda Mine
Cuba Gulch
Cuba VABM 13019
Hamlet Mine
Ruby Mine
Porcupine Gulch
Maggie Gulch
Little Maud Mine
Ridgeway Mine
Galena Mountain VABM 13278
Old Hundred Mine
Crystal Lake
Carnigham Gulch
Sterling Gulch
Gary Owen Mine
Rocky Stony Gulch
Rein Gl
Middle Fork Pole Creek
West Fork Pole Creek
Forest Boy
Continental Divide
Canby Mountain VABM 13478
Stony Pass
Green Mountain 13049
Greenhalgh Mountain 13220
Sheep Mountain 13292
Spencer Basin
Sugarloaf 12754
Mountaineer Creek
Deer Park Creek
Whitehead Peak 13259
Highland Mary Lakes
Verde Lakes
Quartzite
Deep Creek
Rio Grande
Arrastra Gulch
Kendall Peak 13451
Fitzsylle Mine
Buckeye Mine
Royal Tiger Basin
Royal Tiger Creek
Highland Mary Mine
Silver Lake 12186
Silver Lake Mine
Woodchuck Basin
Round Mountain 12913
Hazelton Mtn 12527
Unity Tunnel
Little Giant Peak 13416
Little Giant Basin
Dives Basin
Shenandoah Mine
Trilby Mine
King Solomon Mountain 13185
Big Giant Mine
Mayflower Mine
Osceola Mine (Active)
Pride of the West Mine (Active)
Green Mountain Mine
Little Fanney Mine
Buffalo Boy Mine
Lake Como
Lake Emma
Lake Island
Lake Ann
Lake Elizabeth
Lake Victoria
Lake Alice
Lake Helen
Lake Edith
Lake Florence
Lake Josephine
Lake Mary
Lake Isabella
Lake Fay
Lake Marie
Lake Eileen
Lake Agnes
Lake Frances
Lake Harriet
Lake Evelyn
Lake Adelaide
Lake Matilda
Lake Cecilia
Lake Clara
Lake Rose
Lake Ethel
Lake Irene
Lake Hattie
Lake Vera
Lake Ruth
Lake Mabel
Lake Gertrude
Lake Dorothy
Lake Jeanette
Lake Lenore
Lake Pearl
Lake Ellen
Lake Ivy
Lake Lillian
Lake Grace
Lake Gladys
Lake Hazel
Lake Ida
Lake Jessie
Lake Kathleen
Lake Laura
Lake Margaret
Lake Nellie
Lake Olive
Lake Pauline
Lake Rachel
Lake Sarah
Lake Theresa
Lake Ursula
Lake Vivian
Lake Wanda
Lake Yvonne
Lake Zoe

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

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

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

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G 4701 S22 U5 G 3700 W10 c.3 s24 .G4
MAP ROOM