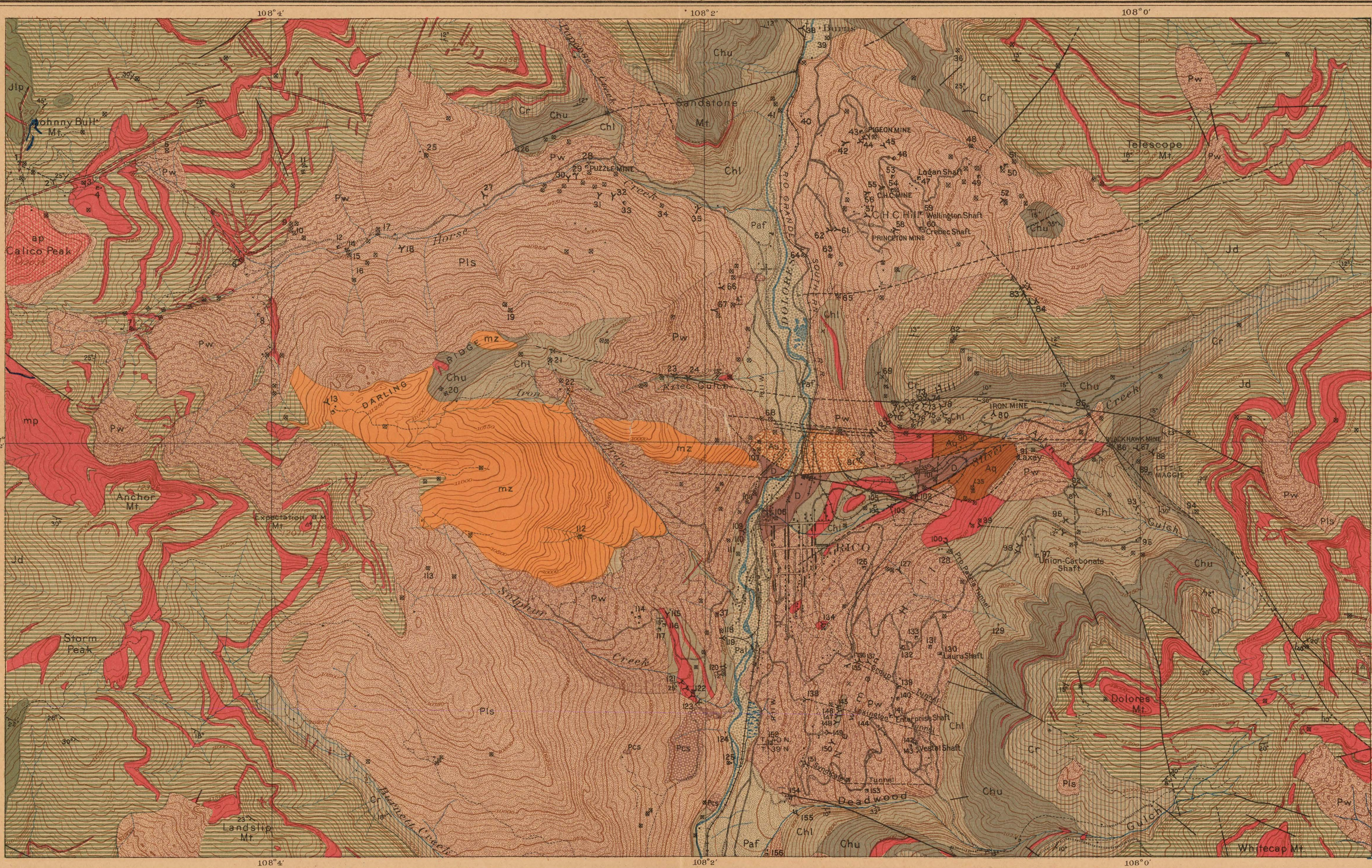


LIST OF MINES INDICATED
BY NUMBERS ON MAP

- 1 JOHNNY BULL.
- 2 GOLD ANCHOR TUNNEL.
- 3 ALBION.
- 4 CALEDONIA (SHAFT).
- 5 LITAN.
- 6 GOLDEN ISCO.
- 7 MARRIAGE STAKE.
- 8 HAND-OUT (SHAFT).
- 9 BELZORA.
- 10 SAN JUAN.
- 11 ZENITH.
- 12 CHRISTINA (SHAFT).
- 13 UNCLE REMUS (SHAFT).
- 14 LACKAWANNA.
- 15 FLYING FISH.
- 16 " " UPPER TUNNEL.
- 17 PUZZLER.
- 18 SOUTHERN CONS. TUNNEL.
- 19 MAGNET.
- 20 EUREKA.
- 21 ZULU CHIEF.
- 22 CALIFORNIA.
- 23 AZTEC.
- 24 COLUMBIA.
- 25 PETITTE.
- 26 MOHAWK.
- 27 GREAT WESTERN.
- 28 PUZZLE MAIN SHAFT.
- 29 PUZZLE EXT. INCLINE.
- 30 HESS & GARRIN TUNNEL.
- 31 M.A.C. UPPER TUNNEL.
- 32 M.A.C. LOWER.
- 33 HOOSIER GIRL SHAFT.
- 34 OTARIO.
- 35 DOLLY TUNNEL.
- 36 HUREKA.
- 37 WHIM.
- 38 A.B.G.
- 39 C.V.G.
- 40 GOVERNOR.
- 41 J.E. WATSON TUNNEL.
- 42 BLAINE & LOGAN TUN.
- 43 WABASH.
- 44 PIGEON.
- 45 LOGAN TUNNEL.
- 46 " NO. 2 SHAFT.
- 47 " SHAFT.
- 48 LEAP YEAR.
- 49 ROGER TICHBORNE SHAFT.
- 50 SILVER WING.
- 51 MONTEREY.
- 52 UNDAINE.
- 53 PIGEON SHAFT.
- 54 C.H.C.
- 55 C.H.C. TUNNEL.
- 56 LIMESTONE TUNNEL.
- 57 MOUNTAIN SPRING TUN.
- 58 PRINCETON.
- 59 WELLINGTON SHAFT.
- 60 CREBEC.
- 61 M.M.P.
- 62 IRON GIANT.
- 63 LILY D.
- 64 LOGAN TUNNEL-SITE.
- 65 G.A.R.
- 66 S.A.M.B.O.
- 67 LAKE VIEW.
- 68 CALUMET.
- 69 HOPE & CROSS.
- 70 GRAND VIEW INCLINE.
- 71 COBBLER SHAFT.
- 72 ALMA WATER.
- 73 NELLIE BLY UPPER TUN.
- 74 OLD BUTLER TUNNEL.
- 75 NELLIE BLY LOWER TUN.
- 76 PHOENIX NO. 1 LEVEL.
- 77 PELICAN.
- 78 EUREKA.
- 79 PHOENIX NO. 4 LEVEL.
- 80 IRON.
- 81 FUTURITY TUNNEL.
- 82 BOURBON.
- 83 SINGLE RED.
- 84 WORLDS PAIR.
- 85 ARGENTINE.
- 86 BLACK HAWK.
- 87 ALLEGHENY.
- 88 LEILA DAVIS.
- 89 LITTLE MAGGIE SHAFT.
- 90 LAST CHANCE.
- 91 LAXY.
- 92 MEDITERRANEAN.
- 93 WILDCAT TUNNEL.
- 94 PRIVATEER.
- 95 SUNFLOWER.
- 96 FOREST-PAYROLL.
- 97 UNION-CARBONATE SH.
- 98 " TUNNELS.
- 99 FICKLE GODDESS TUN.
- 100 PRO PATRIA TUNNEL.
- 101 FORTUNE & DUNCAN.
- 102 SOUTH PARK.
- 103 HIBERNIA.
- 104 IRON DOLLAR.
- 105 EIGHTY-EIGHT.
- 106 ATLANTIC CABLE.
- 107 MONTEZUMA.
- 108 RIVERSIDE.
- 109 SMUGGLER.
- 110 SHAMROCK.
- 111 YANKEE BOY.
- 112 LITTLE LEONARD.
- 113 EAGLE.
- 114 DERBY & EVANS SH.
- 115 BANCROFT.
- 116 " SHAFT.
- 117 ST. LOUIS.
- 118 WESTERN TUNNEL.
- 119 IRONCLAD.
- 120 LITTLE MAGGIE GROUP.
- 121 ARGONAUT.
- 122 TOMALE.
- 123 N.A. COWDREY.
- 124 SILVER SWAN.
- 125 TRINIDAD.
- 126 SCEPTICAL SHAFT.
- 127 ONAGO TUNNEL.
- 128 REVENUE RETURN.
- 129 DURANGO.
- 130 LAURA SHAFT.
- 131 AIR SHAFT.
- 132 ISABELLA SHAFT.
- 133 STANLEY SHAFT.
- 134 GOLDEN FLEECE.
- 135 ENTERPRISE GROUP TUN.
- 136 SILVER AGE.
- 137 WAKEMAN TUNNEL.
- 138 LEXINGTON.
- 139 ENTERPRISE SHAFT.
- 140 SONGBIRD SHAFT.
- 141 JUMBO.
- 142 VESTAL.
- 143 ASPEN.
- 144 MONTEZUMA.
- 145 SWANSEA.
- 146 KLINGENDER.
- 147 CHESTNUT (OLD TUNNEL).
- 148 " "
- 149 STEPHENS.
- 150 " (OLD TUNNEL).
- 151 SYNDICATE TUNNEL.
- 152 DEEP SHAFT.
- 153 SILVER GLANCE SHAFT.
- 154 STEPHANIE TUNNEL.
- 155 SOUTHERN TUNNEL.
- 156 SHEHOCTON.

LEGEND
SUPERFICIAL FORMATIONS

- Pcs Calcareous tufa
- Paf Alluvial fans
- Pal Valley alluvium
- Pw Wash, talus etc.
- Pis Landslide areas

SEDIMENTARY FORMATIONS

- Jlp La Plata
- Jd Dolores
- Cr Rico
- Chu Upper Hermosa
- Chl Middle and lower Hermosa
- D Limestone and quartzite
- Aq Quartzite

METAMORPHIC FORMATION

- As Schists

IGNEOUS FORMATIONS

- Basic dikes
- Dikes of Calico Peak porphyry
- Alunitized porphyry
- Monzonite
- Monzonite-porphry

- Faults
- Strike and dip
- Mines
- Prospects
- Shafts
- Cross-cut tunnels (showing course)
- Mine and prospect tunnels (course not shown)

PLEISTOCENE
JURATRIAS
CARBONIFEROUS
ALCONKIAN DEVONIAN

E. M. Douglas Geographer in charge
Triangulation by E. M. Douglas and T. M. Bannon
Topography by W. M. Beaman
Surveyed in 1898

GEOLOGICAL MAP OF THE CENTRAL PORTION OF THE RICO MOUNTAINS

Scale 0 1000 2000 FEET
Contour interval 50 feet

Areal geology by Whitman Cross and A. C. Spencer.
Surveyed in 1898-99
Economic geology by F. L. Ransome.
Surveyed in 1900.