

LIST OF MINES

It is impracticable to enumerate here all of the tunnels and shafts or to make a selection strictly on the basis of importance. The ones indicated are those frequently mentioned in the text, or those useful as landmarks. The numbers run generally from west to east in rows of sections from north to south. The so-called mines are not by any means all productive, and some have never been.

- 1 I. X. L. MINE
- 2 JESSIE MINE, HATTIE TUNNEL
- 3 JESSIE MINE, QUINCY TUNNEL
- 4 JESSIE MINE, GLENWOOD TUNNEL
- 5 JESSIE MINE, JESSIE TUNNEL
- 6 HAMILTON MINE
- 7 CASHIER MINE
- 8 FOX LAKE MINE
- 9 SULTANA MINE
- 10 IRON MASK MINE
- 11 LITTLE CORPORAL MINE
- 12 KELLOGG MINE
- 13 JUMBO MINE
- 14 EUREKA SHAFT
- 15 STANDARD MINE
- 16 EXTENSION MINE
- 17 LIGHTBURN TUNNEL
- 18 JOE GLIDDEN SHAFT
- 19 BROOKS-SNYDER MINE
- 20 FINDING SHAFT
- 21 BULLION KING MINE
- 22 ALICE A. TUNNEL
- 23 NEW YORK MINE
- 24 JOHANNESBURG TUNNEL
- 25 OLD UNION TUNNEL
- 26 OLD UNION SHAFTS
- 27 MONO MINE
- 28 ABUNDANCE TUNNEL
- 29 ABUNDANCE SHAFT
- 30 WELLINGTON MINE, ORO WORKINGS
- 31 WELLINGTON MINE, EXTENUATE WORKINGS
- 32 TRUAX MINE
- 33 ELLA MINE
- 34 COUNTRY BOY MINE, LOWER TUNNEL
- 35 COUNTRY BOY MINE, UPPER TUNNEL
- 36 HELEN OR PENN TUNNEL
- 37 HELEN MINE, OLD WORKINGS
- 38 SALLIE BARBER MINE
- 39 LITTLE SALLIE BARBER MINE
- 40 FRENCH CREEK TUNNEL
- 41 ROSE OF BRECKENRIDGE MINE
- 42 MINNIE MINE, LOWER TUNNEL
- 43 MINNIE MINE, UPPER TUNNEL
- 44 CINCINNATI MINE
- 45 LUCKY MINE, LOWER TUNNEL
- 46 LUCKY MINE, OLD SHAFT
- 47 JUVENTA MINE, SHAFT
- 48 JUVENTA MINE, McLEOD TUNNEL
- 49 WIRE PATCH MINE
- 50 ONTARIO MINE
- 51 KEY WEST MINE
- 52 BOSS MINE
- 53 GOLD FLAKE MINE
- 54 BONDHOLDER MINE
- 55 FOUNTAIN MINE
- 56 FAIR TUNNEL
- 57 GERMANIA MINE
- 58 DUNKIN MINE, SHAFT
- 59 JUNIATA MINE, SHAFT
- 60 DUNKIN MINE, RAILROAD TUNNEL
- 61 DUNKIN MINE, LOWEST TUNNEL
- 62 PUZZLE MINE
- 63 OURAY MINE
- 64 GOLD DUST MINE, OLD WORKINGS
- 65 PUZZLE EXTENSION SHAFT
- 66 WASHINGTON MINE, OLD SHAFTS
- 67 BON TON MINE
- 68 GOLD BELL MINE
- 69 GOLDEN EDGE MINE
- 70 CARBONATE MINE
- 71 COLUMBINE (SEMPER IDEM) MINE
- 72 NEBRASKA MINE
- 73 LAURIUM OR BLUE FLAG MINE
- 74 MOUNTAIN PRIDE MINE



**LEGEND**

**Recent**

- Qal Alluvium  
Sand and gravel of the present stream or recently overlying older fluvial or glacial deposits
- Qgl Glacial lake beds  
Deposits of temporary lakes that drained the terminal moraine on Big River, Sand and fine gravel
- Qm Moraines  
Theoretical divides deposited during the later epoch of glaciation; include ground lateral and terminal moraines

**Plasticocene**

- Qvt Valley trains  
low-level gravels  
Coarse, more or less auriferous gravels in thick deposits dissected by the present streams. Probably remnants of valley trains of earlier epoch of glaciation. Flow close rounded and in part loam-posed
- Qtg Terrace gravels  
Coarse, more or less auriferous gravels in thick deposits dissected by the present streams. Probably remnants of valley trains of earlier epoch of glaciation. Flow close rounded and in part loam-posed
- Qhw Older hillside wash  
More or less auriferous deposits of more or less rounded gravels. Closely related to terrace gravels but possibly younger in part

**QUATERNARY**

**INTRUSIVE CONTACT**

- qmp Quartz monzonite porphyry  
Sills, dikes, and irregular intrusions, especially in the Upper Cretaceous shale
- mp Monzonite porphyry  
Sills, dikes, and irregular intrusions, especially in the Dakota and in the lower part of the Upper Cretaceous shale

**INTRUSIVE CONTACT**

**UPPER CRETACEOUS**

- Ks Upper Cretaceous shale  
Prevalently dark flinty shales, in places calcareous or argillaceous, associated with thin beds of sandstone and of thin limestones and containing fossils found in the Barton, Niobrara, and possibly Montana formations
- Kd Dakota sandstone  
Generally thick-bedded white gray or buff quartzite interbedded with gray or pinkish shale. Very persistent as a whole but apparently variable in its members

**NO UNCONFORMITY APPARENT**

**TRIASSIC ?**

- Fw "Wyoming" formation  
Typically brick-red micaceous sandstone shales, and conglomerates; beds local look as the formation thin northward in part gray or variegated

**UNCONFORMITY**

**PRE-CAMBRIAN**

- sgn Basal crystalline rocks  
Schists and gneisses cut by pegmatite and granite

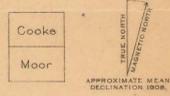
**Faults**

**Veins**  
Approximate or generalized, since they do not appear on the surface

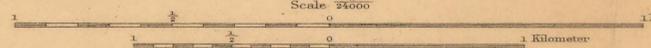
**Dip and strike of beds, veins, and faults**

70°

D106°04' R. 78 W.  
R. B. Marshall, Chief Geographer,  
E. C. Barnard, Geographer in charge,  
Topography by Chas. E. Cooke and D. F. C. Moor,  
Control by D. F. C. Moor and C. H. Semper,  
Surveyed in 1908.



**GEOLOGIC MAP OF THE BRECKENRIDGE DISTRICT, COLORADO.**



Contour interval 50 feet.  
Datum is mean sea level.

Geology by F. L. Ransome and E. S. Bastin,  
Surveyed in 1909.

