

Table of paragenesis of the ores.....	Page 35
Discussion.....	35
Properties on Fourmile mountain.....	35
Non-metallic deposits.....	36
Clays.....	36
Sand.....	37
Travertine.....	37
Index.....	49

Illustrations.

Map No. 1731. Mineral areas in the vicinity of Hazelton, Cassiar district, British Columbia.....	In pocket
1732. Principal veins on mining properties, head of Juniper creek, Rocher Déboulé mountains, British Columbia.....	In pocket
1733. Principal veins on the Silver Standard mine, Hazelton, British Columbia.....	In pocket
Plate I. Looking southeast towards Rocher Déboulé mountains, from west side of Skeena river, just above Hazelton, B.C.....	Frontispiece
II. A. Bulkley canyon at Hagwilget; looking south towards Rocher Déboulé mountains.....	39
B. Tuff-agglomerate in a cut on the Grand Trunk Pacific railway, near Beament station, B.C.....	39
III. A. Interbedded, fine-grained tuffs and tuff-conglomerates in a cut on the Grand Trunk Pacific railway north of Beament station, B.C.....	40
B. Sharp contact of the sediments with the granodiorite on the ridge between the head of Juniper creek and the head of Balsam creek, Rocher Déboulé mountains.....	40
IV. A. Microphotograph showing chalcopyrite veining hornblende. Rocher De Boule mine.....	41
B. Microphotograph showing hornblende replacing chalcopyrite, Rocher De Boule mine.....	41
V. A. Microphotograph showing chalcopyrite veining and replacing tetrahedrite, both cut by veins of quartz. No. 2 vein, Rocher De Boule mine.....	42
B. Microphotograph showing arsenopyrite of the second mineralization, replacing chalcopyrite of the first. No. 2 vein, Rocher De Boule mine.....	42
VI. A. Microphotograph showing molybdenite replacing chalcopyrite and hornblende. No. 4 vein, Rocher De Boule mine.....	43
B. Microphotograph showing marcasite replaced by siderite. Great Ohio property.....	43
VII. A. Microphotograph showing chalcopyrite veining zinc blende. Brian Boru property.....	44
B. Microphotograph showing fineness and distribution of the gold. Hazelton View mine.....	44
VIII. A. Microphotograph showing late deposition of molybdenite. Hazelton View mine.....	45
B. Microphotograph showing wolframite partly replaced by another tungsten? mineral. Black Prince property.....	45
IX. A. Microphotograph showing high grade ore. Silver Standard mine..	46
B. Silver Cup basin, north side of Ninemile mountain.....	46
X. A. Microphotograph showing jamesonite later than zinc blende. Barber Bill property, Ninemile mountain.....	47
B. Microphotograph showing arsenopyrite in a calcite gangue, partly replaced by jamesonite. Ninemile mountain, north side.....	47