CANADA

DEPARTMENT OF MINES

GEOLOGICAL SURVEY BRANCH

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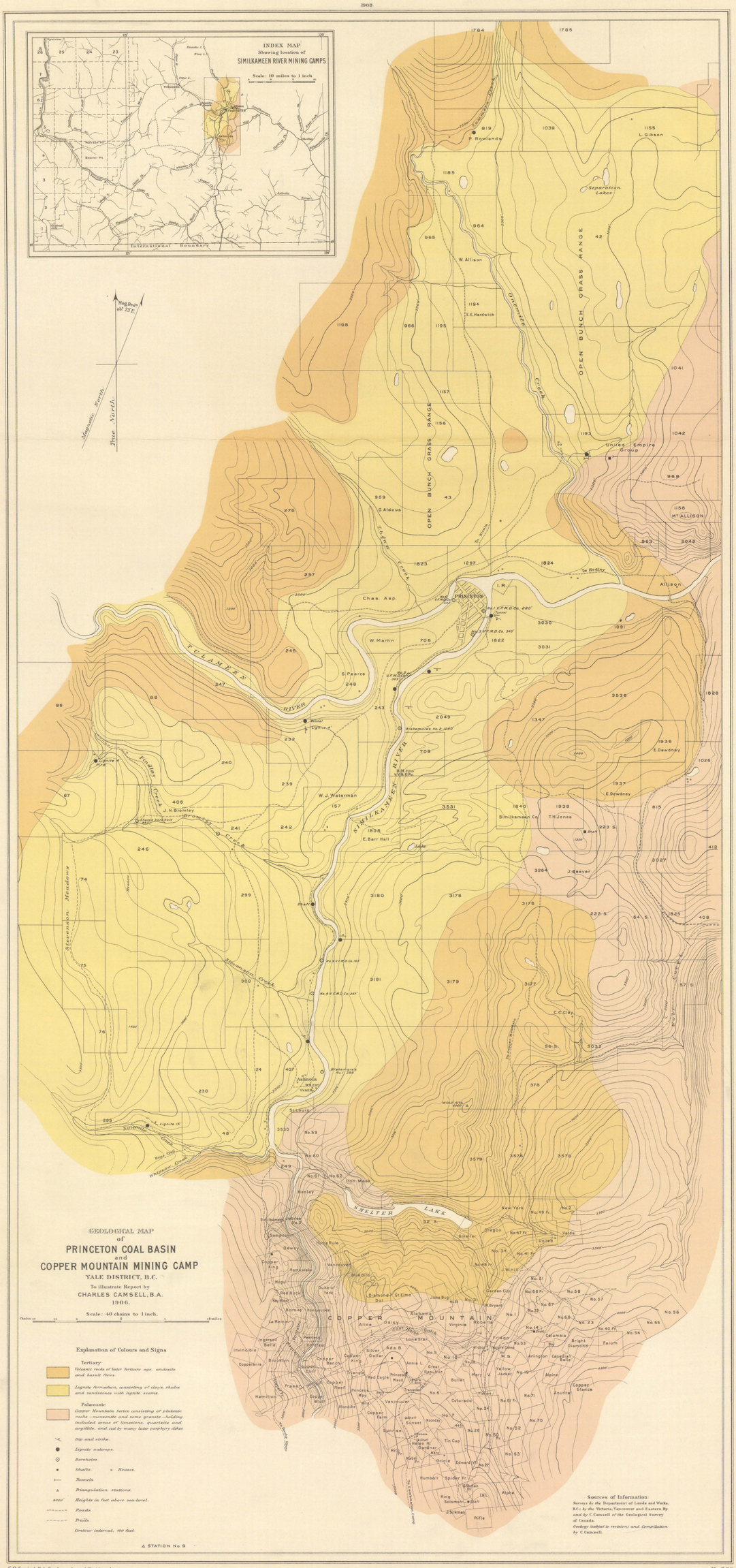
1908



GEOLOGICAL MAP
of
PRINCETON COAL BASIN
and
COPPER MOUNTAIN MINING CAMP
YALE DISTRICT, B.C.

To illustrate Report by
CHARLES CAMSELL, B.A.
1906.

Scale: 40 chains to 1 inch.

Chains 40 20 0 40 80 1 Mile

Explanation of Colours and Signs

Tertiary:
Volcanic rocks of later Tertiary age, andesite and basalt flows.

Lignite formation, consisting of clays, shales and sandstones with lignite seams.

Palaeozoic:
Copper Mountain Series consisting of plutonic rocks—monzonite and some granite—holding included areas of limestone, quartzite and argillite, and cut by many later porphyry dikes.

Dip and strike.
Lignite outcrops.
Boreholes.
Shafts. Houses.
Tunnels.
Triangulation stations.
4000' *Heights in feet above sea-level.*
Roads.
Trails.
Contour interval. 100 feet.

Sources of Information:
Surveys by the Department of Lands and Works, B.C. for the Victoria, Vancouver and Eastern Ry. and by C. Camsell of the Geological Survey of Canada.
Geology (subject to revision) and Compilation by C. Camsell.

C. O. Smith, B.A., B.Sc., *Lithographer and Chief Draughtsman.*

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Princeton coal basin
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