

MAP
OF PLACER MINES & QUARTZ VEINS
IN THE VICINITY OF
LIGHTNING CREEK.
BY AMOS BOWMAN MINING ENGINEER.
DRAWN BY JAMES McEVY B.A.S.C.
Scale

SUPERFICIAL GEOLOGY.
The Pliocene and Pre-glacial detritus here represented is usually only that found below the present drainage levels, in the principal creek bottoms, as exposed by mining shafts and drifting; not including that exposed at higher levels by slides and by hydraulic mining, which is indicated by heavy hachures to represent banks, bluffs, or slides. The solid red line represents the lowest known erosion, or gutter of the tertiary stream.

The Pleistocene Hill and Mountain gravels, and other detrital deposits are 1, of the earliest stiling up period (in part later Pliocene) and 2, of the final subsidence or flooding period, commonly recognized as later glacial, or diluvial, the latter in Cariboo are entirely above present drainage levels. They are often water levelled, and were left superficially terraced by the Pleistocene receding waters. The terraces are indicated by short light hachures.

THE COUNTRY ROCKS.
The Lower Paleozoic Rocks as indicated, are believed to range from Cambro-Silurian and perhaps Cambrian, to Silurian, and are the slates and related rocks of the country—briefly, the Cariboo Schists.

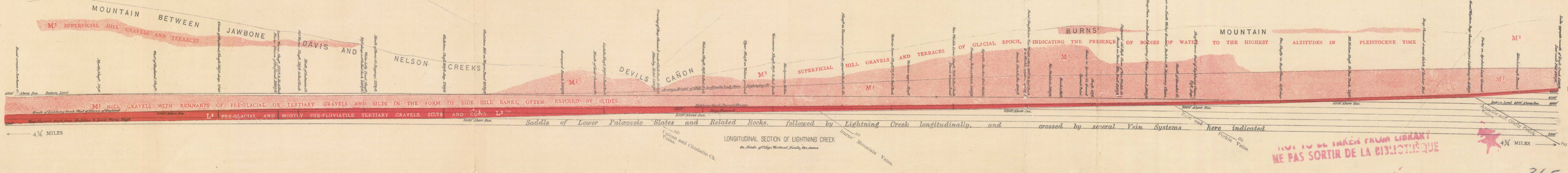
DATA made use of: Wheel traverses, A. Bowman and S. P. Tuck, 1885. Local track-surveys, A. Bowman, 1885-6. Transit and topographical stations on Mt. Anderson, Dragon Mtn., J. McEvoy, 1885-6; on Burns Mtn. and Mt. Agnes, A. Bowman, 1886. Mining map of John Evans, 1877. Claim surveys recorded at Richfield, Travnallot, Evans and others. John Janet survey of "New Road" to Barkerville.

EXPLANATION OF COLORS AND SIGNS

D	L ¹	L ²	M ¹	M ²	M ³	P
Drift	Pre-glacial detritus	Glacial detritus	Mountain gravels	Hill gravels	Slates and related rocks	Cariboo schists

All the bearings are astronomical. — Quartz ledges, — Gravity Rock Dips, # Shaft, ••••• Ditch, — Deep Channel, - - - - - Higher Channel.

SURVEYS CARRIED OUT WITH THE CO-OPERATION OF THE PROVINCIAL GOVERNMENT OF BRITISH COLUMBIA
The Hon. JOHN ROBSON, Minister of Mines.



NE PAS SORTIR DE LA BIBLIOTHÈQUE