



DATA—Wheel Traverse S. P. Tuck, 1885. Examinations and Surveys, A. Bowman, 1886. Mining Plots recorded at Richfield. Various Topographical Notes made on Round Top in 1885, and on Palmer's Mountain in 1886.

EXPLANATION:—Contour lines 4 to every 1000 ft. vertical; dotted lines represent 50 ft. vertical.

Dip Vertical.
 Shaft.
 Ditch.
 Quartz Ledge
 Dip and strike.

D Lower Palaeozoic?
 G Upper Palaeozoic?
 F Limestone

Placer Mining.
 Superficial
 Hydraulic Drift.

L³ All bearings from True Meridian.
 M^{1,2} Pleistocene and Pre-glacial areas, bluffs and gutters.
 M³ Pleistocene areas and Terraces.
 M⁴ Recent Alluvium, &c.

Deep Channel.
 High Channel.

SCALE 1" = 20 CHAINS (1312 FT.)

Martinet & Co., Lith. SURVEYS CARRIED OUT with the CO-OPERATION of the PROVINCIAL GOVERNMENT of BRITISH COLUMBIA. The Hon. JOHN ROBSON, Minister of Mines. IN 1885-6. To illustrate Report of Amos Bowman.

SUPERFICIAL GEOLOGY.

L³ The Pleistocene 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 drifts; not including that exposed at higher levels by slides and by hydranising, 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 streams.

M^{1,2} The Pleistocene Hill and Mountain gravels, and other detrital deposits are (1) of the earliest silt-up period (in part later Pleistocene); and (2) of the final subsidence or flooding period, commonly recognized as later glacial or alluvial; 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.

PLACER MINES OF
ANTLER CREEK
IN CARIBOO DISTRICT, B.C.
SURVEYED AND DRAWN BY AMOS BOWMAN, MINING ENGINEER.
ASSISTED BY JAMES McVOY, B. A., &c.

THE COUNTRY ROCKS.

D. The Lower Palaeozoic 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.

G. The Upper Palaeozoic rocks are believed to range from the Devonian to Carboniferous, or the "Cacka Creek" horizon; they are the "Antler Creek" cherts, and the Bear Lake beds.

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