



LONGITUDINAL SECTION OF WILLIAMS CREEK
as shown on the map

Upper level of Williams Creek
Lower level of Williams Creek
Middle level of Williams Creek
... (Detailed geological annotations and measurements along the creek section)

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

THE COUNTRY ROCKS.
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.

EXPLANATION OF COLOURS AND SIGNS

D	L	P	M ¹	M ²	M ³	M ⁴	M ⁵
Lower Silurian?	Limestone	Pre-glacial detritus (including Quaternary glacial drift)	Surface Hill detritus and Tertiary Slopes, Pleistocene	Alluvium—Recent	Placer Mining (interior deposits)	Drift Mining	Quartz Ledges

All the bearings are astronomical. — Quartz Ledges, — Quartz Rock Dip, x x Shafts, - - - Ditch, - - - Deep Channel, - - - Higher Channel.
Contour lines: Datum level (heavy contour) 4500 feet above sea level. Vertical interval, 250 feet between solid lines; 50 feet between dotted lines.

DATA made use of: Wheel traces, Bowman, 1885. Local traverses and topographical sketches, 1885-6. Claims surveys recorded at Richfield, Traxler and others. Mining map by W.W. Russell, 1878. Transit stations and topographical sketches on Mt. Agnes, Mt. Murray, Palmera Mts., etc., A. Bowman and J. McLooy, 1885-86.

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