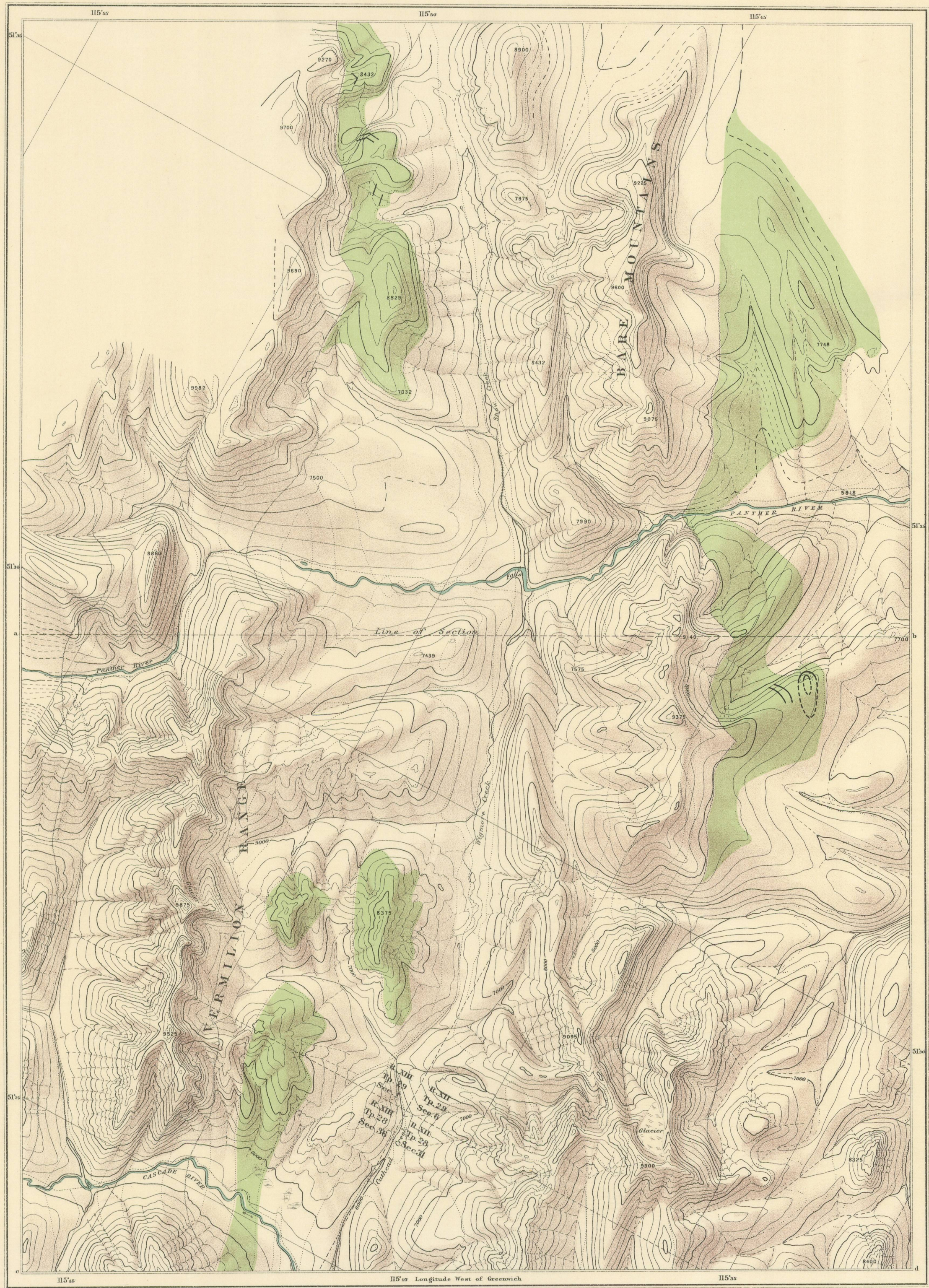
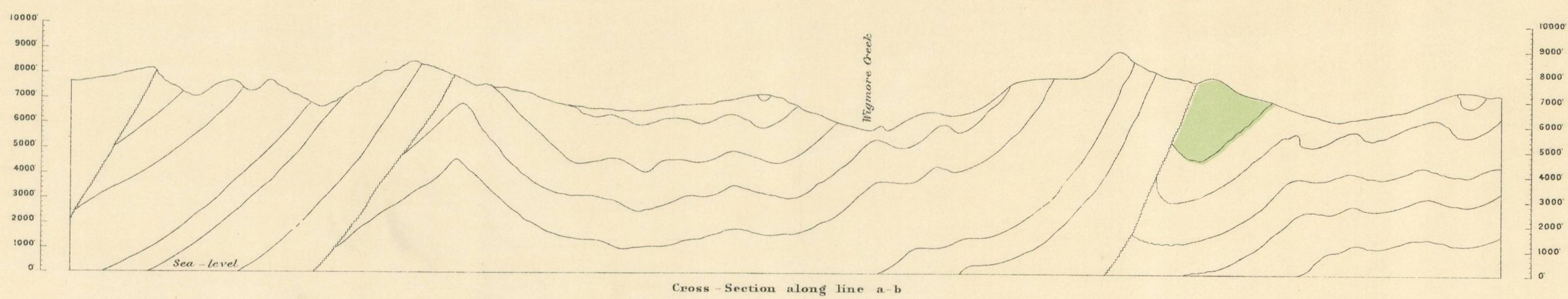


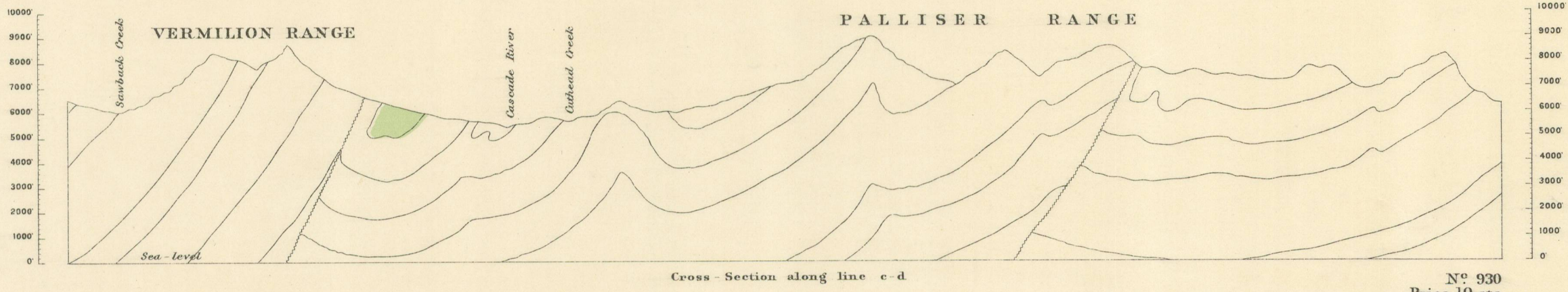
Geological Survey of Canada
A. P. LOW, B.A.Sc., DIRECTOR.
1907.



Explanation of Colour and Signs

- Productive Coal Areas
- Faults
- Heights in feet above sea-level
- Coal Seams
- Contour Interval, 200 feet

The shaded areas represent the parts underlain by the rocks containing coal seams. The small areas west of Wignmore creek constitute the tops of several hills and the beds being quite bent up into folds do not promise to be of much value. West of Snow creek these beds again appear on the high points in the valley and dip again to the fault line. Two seams were found near the height of land, two and five feet in thickness. The coal is not hard, the fixed carbon content being 76%. The same beds are reported east of the Palliser mountains and the same two seams located on the hillside south of the Panther river. Here the coal is harder and has the character of coals with fixed carbon content 83% and 85%. The latter beds seem promising, as near the fault line the beds are quite regular with a dip of 50' to the west.



C.O. Senécal, B.A.Sc., Geographer & Chief Draughtsman.

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Topographical Map of the
CASCADE COAL BASIN
ALBERTA

Sheet I. Panther River
To illustrate Report by
D. B. DOWLING, B.A.Sc.

Sources of Information

Photographic surveys by D. B. Dowling, 1906,
and maps of the Topographical Survey Branch,
Department of the Interior, 1889-90.
Compilation by H. LeFebvre, B.A.Sc.

Scale - 1 mile to 1 inch - 63360
Chains 80 60 40 20 0 20 40 60 80 Miles