

Profile Showing Grades of Main Line Canadian Northern Pacific Railway, New Westminster Bridge to Yellowhead Pass.

limestone, argillaceous and siliceous shales ite, etc., but the predominating features Spences Bridge to Boston Bar. The most for several thousand feet. The rock, of and quartzites, mica, schist, some granite are the gravel and boulder formations and striking feature of this territory is the pre- which a good deal is encountered, consists and gneiss, a great deal of gravel and boul- glacial clay. This latter forms the prin- dominating occurrence of gravel and boul- chiefly of shale, sandstone and limestone. ders and some glacial clay. The rock in the cipal material met from the west end of ders. The slope of the valley for miles con 2, Boston Bar to Hope. This comprises the second section is composed largely of shales, Kamloops Lake to Spences Bridge. The sists of unknown depths of this material, Fraser Canyon proper, and is almost enconglomerate sandstone, limestone, quartz- third section may be subdivided into:--1, sometimes running up the mountain side tirely in rock, which consists of grano-dyar-

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