

Lake, Swan River, the elbow of the North Saskatchewan, Battle River, Beaver Lake, and thence via the Jasper House to the Yellow Head Pass. On some other routes it was found that the great Rivers flowed in troughs, enormously deep and wide; but the line drawn on the Map appears from all the information obtained to involve the least amount of Bridging, while at the same time it passes through or near the most available country for settlement; the South Saskatchewan can be crossed on this Line by a bridge, 1,400 feet long, not exceeding sixty feet in height above water level, and about 70 feet above the bed of the River at the deepest point. There will probably be even less difficulty in spanning the North Saskatchewan, and as these are the largest rivers to be crossed on the Line laid down, the comparatively favorable points for crossing them, which have been found, is considered extremely fortunate, considering the general features of the great water channels in this wide extent of country.

With regard to the Survey between the Rocky Mountains and the Pacific Coast, although a great deal still remains to be done, material progress has undoubtedly been made.

A very favorable line for a railway has been found through the Gold Range by the Eagle Pass, extending from Little Dalles on the Columbia River to Great Shuswap Lake, and an Instrumental survey has been completed from the foot of the last named Lake to Hope on the Lower Fraser River. The general engineering features of the approaches to Howse Pass, have also been ascertained.

The surveying expedition which left Victoria on the 20th July to find a moderately direct line from Quesnel Mouth, through the Cariboo country to Tête Jaune Cache, has failed in its object. The lowest pass discovered through the Selkirk range, although about 1000 feet lower than the mountains adjoining is reported to be at such an elevation, that the ground falls on one side 1600 feet in five miles and on the other 2300 feet in about six miles, thus proving the pass impracticable for a Railway, unless with a Tunnel at an enormous cost.

A favourable pass from the North Fraser River in the neighborhood of Tête Jaune Cache, to the north branch of the Thompson River has been found.

According to the information received, this will admit of a line being constructed from Yellow Head Pass to Kamloops, with grades not exceeding 50 feet per mile.

The fortunate discovery of a practicable line with grades so favorable, between Kamloops and the summit of the Rocky Mountains, *via* the north Thompson and Yellow Head Pass, together with information received