

The soil apparently consists of alluvial deposits from the North Thompson River, and although rather light, should be quite productive. Most of the best of it is ready for the plough just as it stands, but at the north end there is a small area which is lightly timbered with bull pine.

The land is nearly level, but is somewhat broken by small ridges and depressions which will necessitate careful planning for the distribution system. A topographical survey has been made and plotted, and suitable locations have been found for the main ditch lines. Some fluming will be necessary, but none of it will be high.

At present there is no transmission line from Kamloops to the C.N.R. junction. The cost of building this line some 2½ miles in length, would be about \$3,000.00, at present prices, and if this had to be done simply to serve the 140 acres of land, it would double the cost of the pumping system. However, it is quite possible that the line may be built some time soon, either by the City or the Canadian Northern Railway Company, and when that is being done, it would not be a very expensive matter to make the line of sufficient capacity to handle the extra power required for the irrigation plant.

With the transmission line difficulty settled, this pumping project would be quite a reasonable one. On account of the low level of the land, it would probably be better to provide it with a separate plant rather than attempt to include it in any larger scheme that might be proposed for the higher land adjoining it.

(5) In addition to the land included in the foregoing proposals, there is still a large area to be considered, and apparently the only method of irrigating it would be by pumping. Indeed it might ultimately be advisable to irrigate the whole of the bottom land by pumping, and thus release the Paul Creek water for use on the upper benches.