

## THE MUNICIPALITY OF SPALLUMCHEEN—Continued

GOVERNMENT ANALYSIS—Continued.	No. 1	No. 2
Nitrogen in Organic matter . . . . .	.415	.161
AVAILABLE CONSTITUENTS IN SURFACE SOIL		P. C.
Potash . . . . .		.029
Phosphoric Acid . . . . .		.028
Lime . . . . .		.316

No. 1.—“The chemical data give evidence of a high degree of fertility. Judged by the standards suggested by Dr. Hilgard, as well as those we have previously established from the examinations of Canadian soils, I should conclude that this soil was well supplied with all the more important constituents of plant food. Indeed, it appears to the writer as a soil of more than average richness. Further, the proportion of the mineral elements potash, phosphoric acid and lime, more or less immediately available, are very satisfactory, so that with a sufficient supply of moisture, excellent crop yields should be obtained. The physical texture of this soil, judged from the sample forwarded, appears to be excellent, no doubt due largely to the favorable proportion of organic matter present. Mechanical separation shows approximately, fifty-five per cent. of course sand—a fact that places it in the category of soils well adapted to general cultivation. ¶ No. 2. In the larger number of determinations this sub-soil shows that plant food is abundantly present.”

As a matter of fact, experience has proven this analysis to be correct, all field crops doing well and yielding heavily. Numerous instances can be given of fields yielding sixty bushels of wheat per acre, and from one farm upon which a record had been kept for over twenty years, the average return for the whole period was thirty bushels per acre yearly. ¶ To all this fertility of soil, are joined climatic conditions which can hardly be excelled—warm enough in summer for everything except tropical plants, but still no excessive heat or suffering therefrom, with the further inestimable blessing of cool nights. Cold enough in winter for the snow to lay upon the ground and withal so mild that there is constant dread lest the sleighing should depart. ¶ Mountain water pure and sparkling is abundantly present and those who have used the saline waters of the prairies or of California, will be most appreciative of the change. In short, a healthful place, invigorating climate in which disease may be imported, but does not originate.