

Mr. COLE: It is the Dominion Tar and Chemical Company of Montreal, the same company that operates at Waterways, Alberta.

Hon. Mr. DAVIES: I am not quite clear as to how the Saskatchewan government comes into it. I thought the minerals were under the control of the Dominion Government.

Mr. COLE: No, they are under the provincial governments, I understand.

Hon. Mr. CRERAR: They belong to the provincial government.

Hon. Mr. DAVIES: But the Dominion Government does the experimental work?

Mr. COLE: We are assisting them as much as we possibly can on the development of it, because of it being of national interest.

Hon. A. L. BEAUBIEN: Is your department making any investigation beyond the sampling of the mineral?

Mr. COLE: We are getting all the data together that we can, plotting the cores and seeing what possible chances there are and where the best places would be for future drilling, if it is carried on.

Hon. A. L. BEAUBIEN: And when you come to the conclusion as to the best place for drilling, do you do the drilling?

Mr. COLE: I do not know about that.

Hon. Mr. CRERAR: What was the quality of the potash salts up to date in the second hole twelve miles away?

Mr. COLE: It was very similar in appearance—have you seen a sample?

Hon. Mr. CRERAR: No. You say the first was about 20 per cent.

Mr. COLE: About 20 per cent K_2O . That is the way we refer to all potash salts, everything is converted to K_2O equivalent. If we have 96 per cent to 98 per cent potassium chloride, it is about 60 or 62 per cent K_2O ; they convert it all to K_2O , so as to compare the potassium sulphate, potassium chloride or any of the other potassium salts. This is a piece of the core taken from one of the wells down in southern Saskatchewan at around 7,600 feet.

Hon. Mr. CRERAR: What is that?

Mr. COLE: That is sylvanite, a mixture of potassium chloride and sodium chloride.

Hon. A. L. BEAUBIEN: In what percentage will the two be.

Mr. COLE: They run about 30 per cent to 40 per cent KCl , and the rest will be $NaCl$.

Hon. Mr. DAVIES: What do these terms mean?

Mr. COLE: $NaCl$ is sodium chloride, or common salt; potassium chloride.

Hon. Mr. DAVIES: That is KCl is?

Mr. COLE: That is KCl . At the present time all we have to go on is the one well at Unity; and the possibilities of these other two wells down southeast of Unity.

Hon. Mr. CRERAR: On which you have not yet got the final test?

Mr. COLE: We have not got the complete analyses of these wells yet.

Hon. A. L. BEAUBIEN: Are they drilling many wells for oil in that district?

Mr. COLE: As far as I know there are none in progress in that district at the present time.

Hon. A. L. BEAUBIEN: In order to get a finding you would have to wait for someone to drill?

Mr. COLE: I think that is true, or holes would have to be put down definitely in search for potash.