

be)—including river-waters, lake-waters, the waters of natural and artificial springs, and of salt-springs, occurring in various parts of the Dominion. Among the foregoing may be mentioned an analysis of the water—of the Assiniboine and of the Red river, in the province of Manitoba; of the Saskatchewan river, taken near the mouth of Big-stone river, in the district of Saskatchewan, of the Churchill river and of Reindeer Lake, in the district of Athabasca, and of the Bow, Elbow, Highwood and Sheep rivers, and of Fish creek, in the district of Alberta, in the North-West Territory; of Goodenough lake, in the district of Lillooet, province of British Columbia; and of a series of natural salt-springs occurring in the province of Manitoba and in the district of Saskatchewan, North-West Territory.

5. A lengthy series of analyses of limestones and dolomites from localities in various parts of Canada, carried out for the purpose of ascertaining their individual merits for structural purposes, suitability for the manufacture of lime or of hydraulic cement, or employment for metallurgical and other uses.

6. Numerous complete analyses of calcareous marls from various points in the provinces of Quebec and Ontario, showing their relative value for use as a fertilizer, for the manufacture of an artificial Portland cement, and other purposes for which this material is ordinarily used.

7. Analyses, complete or partial, of a large number of iron-ores, copper-ores, lead-ores, and manganese ores, from various parts of the several provinces of the Dominion.

8. Many analyses, in regard to nickel and cobalt content, of samples of pyrrhotite, pyrite, et cætera, from localities in the provinces of Nova Scotia, New Brunswick, Quebec, Ontario and British Columbia, and the North-East and North-West Territories,

9. A very lengthy series of assays of ores, for gold and silver, from nearly all parts of Canada, that is to say, from localities in the provinces of Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba and British Columbia, and in the North-East and North-West Territories.

10. Analyses of certain rock specimens from—Cape Breton, Halifax and Guysborough counties, in the province of Nova Scotia; the Ottawa river and Lake Keepawa in Pontiac county, in