## MINERALS OCCURRING IN CANADA.

numerous large and well-defined veins of quartz, filling lines of dislocation in highly tilted argillaceous slates and quartzites: also at Rawdon—where, in association with a little quartz and calcite, it constitutes a vein cutting talcose slates,—and West Gore, Hants county, province of Nova Scotia. It is found in small radiating prismatic crystallizations, with native antimony, valentinite, senarmontite and kermesite, in veins in argillite, in the township of South Ham (Wolfe Co.), province of Quebec. It has been met with in small quantities, in association with pyrite and mica, in a band of crystalline dolomite in the township of Shetfield (Addington Co.), and in small masses mixed with tremolite, under similar conditions, in the township of Marmora (Hastings Co.), province of Ontario—also occurs near Foster's Bar, about twentythree miles from Lytton, Fraser River, province of British Columbia.

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- 246. STILBITE—Is abundant, and exhibits a large number of crystallized varieties, often of great beauty, at Partridge Island (Cumberland Co.), Hall's Harbor and Morden (King's Co.), and Margaretville (Annapolis Co.), in the province of Nova Scotia. Anal., H. How, Phil. Mag., 5 ser., vol. i, p. 134, 1876.
- 247. STRONTIANITE—Occurs, in the form of white fibrous tufts, in cracks in concretionary limestone masses in the Utica slate of St. Helen's Island, Montreal, province of Quebec. Anal., B.J. Harrington, Trans. Roy. Soc. Can., vol. i, sec. iii., p. 81, 1882-83.
- 248. SULPHATITE—The water of the so-called Sour Spring of Tuscarora (Brant Co.), as also that of a spring in the south-west corner of Niagara, and of one at St. David's, in the same township (Lincoln Co.), and of another about a mile and a-half above Chippewa (Welland Co.), in the province of Ontario, are all remarkable for containing a large proportion of free sulphuric acid. Analyses, T. S. Hunt, Geol. Can., 1863, pp. 540, 545.
- 249. SULPHUR. NATIVE,—Has been met with in the form of shattered crystals, in a gypsum quarry in Colchester county, province of Nova Scotia. It occurs as a deposit from sulphurous springs in several localities in the province of Ontario, as at Charlotteville (Norfolk Co.), and in Clinton (Huron Co.), at which latter place there is a deposit atfording masses of pure yellow compact, or fine-grained, sulphur, together with small transparent crystals of the same. Has also been found, in association with sal-ammoniac, as a deposit on cliffs of shale on Smoky River, North-west Territory. Anal., G. C. Hoffmann, Rep. Geol. Can., 1875-76, p. 420.
- 250. SYLVANITE—Occurs, in association with argentite and more or less galenite and chalcopyrite, in a gangue of white sub-translucent quartz, at the Huronian mine, township of Moss, District of Thunder Bay, province of Ontario.
- 251. TACHYLITE—Occurs, according to Dr. G. M. Dawson (Rep. Geol. Can., 1876-77, p. 84), as masses in agglomerate, near the entrance of Peninsula Bay, Fraser Lake, province of British Columbia.
- 252. TALC—Tale in crystalline foliated masses is sometimes met with in Cabada, but it more frequently forms beds of a compact or schistose variety of steatite or soapstone, interstratified with serpentine, magnesite, or clay-slate, and often enclosing actinolite, or bitter-spar. These beds, which occur in strata of Fre-Cambrian or Cambrian age, and are often of considerable thickness and extent, lie principally in the townships of Bolton, Sutton and Potton (Brome Co.), in the province of Quebec. An unctuous foliated rock, consisting of tale with intermixed carbonates of lime and

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VICTORIA D.C