

(b.) Taken from a depth of one hundred and eighty-three feet. Thickness of seam, two feet two inches. On inclination it left 38.69 per cent of a light brownish-red coloured ash.

- 7.—Graphite, Disseminated. From Glendale, River Inhabitants, Inverness county, province of Nova Scotia. Examined for Mr. James MacIntosh.

The sample examined, contained 31.8 per cent of graphite. A specimen from the same locality, collected by Mr. Hugh Fletcher in 1870, was found by the writer to contain not more than 13.96 per cent of graphite, as recorded in Rep. Geol. Surv. Can., 1875-79, p. 2 H.

- 8.—Graphite, Disseminated. From the twenty-fifth lot of the fifth concession of the township of Blythfield, Renfrew county, province of Ontario. Examined for Mr. P. T. Barry.

(a.) Quartz holding some disseminated graphite. It contained 39.65 per cent of the latter.

(b.) Quartz with which was associated a little felspar, holding small quantities of graphite. The latter amounting to 5.37 per cent of the whole.

(c.) An association of felspar and quartz, through which was distributed a small quantity of graphite—not more than 4.32 per cent.

- 9.—Graphite. From the twenty-second lot of the second concession of the township of South Canonto, Frontenac county, province of Ontario. Examined for Mr. M. P. Kingston.

The sample sent for examination was found to contain 77.6 per cent of graphite.

- 10.—Graphite. From lot two of the sixth concession of the township of Bedford, Frontenac county, province of Ontario. Examined for Mr. J. Bawden.

The material sent for examination, consisted of graphite through which was distributed a gangue composed of a ferriferous calcite, a ferriferous dolomite, some quartz, and small quantities of felspar and actinolite. Mr. F. G. Wait found it to contain—graphite, 64.3; calcite and dolomite, 24.5; quartz and actinolite 11.2 = 100.0.

- 11.—Hematite. From Cape Rouge, Inverness county, province of Nova Scotia.