GEOLOGICAL SURVEY OF CANADA.

IRON.

The only new locality where this mineral has been found is on Deer Island, near Lord's Cove. The ore is a nearly pure magnetite of superior quality, and occurs in a vein from two to three feet thick in slates and conglomerates of pre-Cambrian age. It is exposed crossing a narrow promontory, and is only a few feet above tide level.

COPPER.

• The principal deposits of copper have been already described in the reports of 1870-71, and nothing has been done of late towards the development of any of the localities therein mentioned.

MANGANESE.

Deposits of this mineral occur at several places in Albert, Kings and Westmorland. They may thus be described :--

Shepody Mountain.—Deposits near the contact of pre-Cambrian chloritic slates and Lower Carboniferous conglomerates, worked in former years quite extensively, but of late nothing has been done.

East Side of Salisbury Bay.—Deposit near the contact of Triassic sandstone and Lower Carboniferous rocks, worked some years ago by the company owning the Markhamville mine, but shortly abandoned.

Hopewell Corner.—Deposit near the contact of Millstone Grit and Lower Carboniferous; about one mile west of Hopewell corner. Soon exhausted.

Hillsdale.—About five miles south-east from Elgin corner. Deposit yet unexplored but fine surface indications.

Petitcodiac, about two miles north-west from Petitcodiac station. Near the contact of Lower Carboniferous limestone and gypsum, vein only about one inch exposed thickness.

Jordan Mountain.—Near the contact of Lower Carboniferous sediments with the pre-Cambrian of the mountain. Good surface indications. Locality not developed.

Markhamville.—Near the contact of Lower Carboniferous limestones and conglomerates with pre-Cambrian. Location long worked. Most extensive deposit as yet known in the Maritime Provinces.

Quaco Head.—Deposit in Lower Carboniferous rocks. Not yet developed, but preparations are now being made for mining at this locality.

Henry's Lake.-Surface indications reported, but deposit not located.

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