

Town of Pictou. It is equal in purity to that employed in Scotland in the manufacture of Baryto-sulphate pigment.

Copper Ores.

Grey sulphuret of Copper, or copper glance, containing 75 per cent. of Copper, is found in the Coal formation at Tatmagouche, Tony River, Carriboo, West River, and East River. The ore is in the form of nodules, or occupies the cavities of fragments of fossil wood. The deposits hitherto found are too small for mining purposes.

Lead Ores.

Galena, or Sulphuret of Lead, is found in small disseminated crystals, in Limestone near Gay's River. I have not however seen any valuable veins of that Mineral in the Eastern part of the Province. I have received good specimens of Galena from the Island of St. Paul; and have been informed that a vein of three feet in thickness, traversing Mica Slate, has been found there.

J. W. DAWSON.

Halifax, Feb'y 21, 1845.

(C.)

1845—Feb'y. 19th.

ABRAHAM GESNER.

I am a native of Nova Scotia, of the age of forty-five years. I have been engaged in the examination of the Geology of Nova Scotia for twenty-five years. I published a book on it in 1836. Do not know the Coal Fields of Cape Breton—have never been there—my enquiries confined to Nova Scotia Proper. Have prepared a Geological Map of Nova Scotia Proper—it contains 10,000 square miles—1,500 miles of this Coal Field. It is bituminous—no anthracite here—never saw any of the latter kind here. Do not believe the Field at Minudie the same as those at Pictou. The coal of different qualities. Have subjected the Cumberland, not the Pictou coal, to chemical analysis. Some of the former better than the Pictou coal—some inferior. No part of the Province where coals could be worked as cheaply as at Cumberland. Best coal at Spring Hill, Macan, I have ever seen in the Province of Nova Scotia.

The Minudie Mines at Cumberland could yield 100,000 chaldrons for one hundred years. From the Mines both at Joggins and Macan, these both belonging to one Field. Since 1838 I have been making application to the Govern-