

w hundred
means com-
important,
ed on this

Here open-
utcropping
rear of this
ich merits
bout a mile
for nearly

ons of the

Inches.
0
0

0

0

red district
d not only
own seams

underlaid
ft sunk on
asures are
ts on them
he assump-
he question
by boring.
in the land
h will also
eld appears

to be limited on the south by the syenite of Cape Mabou on which it rests without the intervention of any of the lower groups of the carboniferous. Its inland extension at other points appears to be limited distinctly by the belt of limestone and gypsum which sweeps from the shore north of the mouth of the Broad Cove Brook nearly to the Mabou Hills. Here there is an interval of metamorphic lower carboniferous rock probably valueless to the coal miner. The coal field on land is about six miles long and about two miles across at its greatest width.

The sections of the seams as given me during the past few years do not agree with those hitherto published, or with one measured by me some years ago.

Mr. W. H. Ross, who has been engaged by the Broad Cove Coal Company in opening the seams and in making a shipping harbor at McIsaac's Pond, an inlet on the centre of this coal field, has kindly agreed to give the Institute a full description of this district. I will therefore not attempt to correlate the sections, but for the purpose of rounding out these notes will give the following sections from Mr. Robb's report to the Canadian Geological Survey :— In descending order,

	Feet.	Inches.
Seam No. 1.....	3	0
" 2.....	5	0
" 3.....	7	0
" 4.....	4	6
" 5.....	3	0
" 6.....	3	9

An idea of the importance of the western shore of Cape Breton as a future coal producer may be formed from Mr. Robb's estimate that these seams contain on land not less than 26,000,000 tons in the land area and 34,000,000 in the sea area to a distance of only half a mile from the shore. As there is also, in addition to the seams named, a fourteen feet seam of coal, these estimates should be largely exceeded, and the sea area of available coal held by parties other than those named by him also hold large amounts of coal.