

REPORT ON COLLINS COAL AREA CAPE BRETON, N.S.

PROF. CHAPMAN'S REPORT

In pursuance of instructions to examine and report upon the coal property in Cape Breton, known as the COLLINS COAL AREA, I visited the spot and made a careful examination of the ground. The results of my examination, including a sketch plan and section, and analyses of the coal from two of the outcropping seams upon the property, are embodied in the following statements :

1. **Site and General Description of the Property.**—The Collins Coal Area, 700 acres in extent, lies on the east bank of the Little Bras d'Or, close to the southern entrance of the latter. It is bounded on its eastern side by the property of the General Mining Association, including the well known "Sydney Mines" and on the south by the Ingraham Coal Area. Both of these properties extend to the west shore of Sydney Harbour, distant about a mile and a half from the Collins Area. The western and northern limits of the area range along the east bank of the Little Bras d'Or throughout a distance of about a mile and a quarter ; and a depth of about twenty feet of water is found at this point close to the shore. The ground rises inland in a series of steps or undulations ; its highest elevation at the eastern boundary being about 130 feet above the ordinary level of the "lake" the term by which this arm of the sea is commonly designated. Several good seams of coal referred to in detail in the following section outcrop on the shore of the lake, and the outcrop is easily followed in the more important seams in a curved direction running roughly north and south throughout the property, as shown in the accompanying plan.