

The kerosene does not practically differ from ordinary American petroleum kerosene. It refines white and is very free burning. White Spindle oils are the most costly in the market. There are none, however, in the United States obtained from petroleum so white and so heavy as this from East Bay. The lubricating oil is heavy, while it is as light in color as the heaviest paraffine oil in America. The yield of crude oil is found to be about 6.25 per cent, and the proportions per ton would be:—

Kerosene oil .....	1.25 per cent.
White Spindle oil.....	1.25 "
Heavy Lubricating oil .....	2.50 "
Pitch .....	1.25 "
Water .....	5.75 "
Coke .....	87.50 "
Loss, gas, etc.....	.50 "
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100.00	

It is also ascertained that this material is readily distilled and refined by methods and apparatus in general use in shale and petroleum industries in Great Britain and the United States. The pitch is of good quality.

If these statements are verified by actual practice, and the costs permit, a large and important industry may be counted on here. Should these oils find a market and demand abroad, no doubt the shales in various parts of the province, known to be bituminous, will receive attention.

#### *Iron Ore.*

The district lying between little Bras d'Or and East Bay in Cape Breton County is traversed diagonally by lower silurian strata and by the felsitic and limestone divisions of the pre-cambrian, which are flanked by lower carboniferous strata. The presence of iron ore near the junction of the George's River limestone and lower carboniferous has long been known near Gillies' Lake, and outcrops are known at Upper French Vale