

ample No. 1, compares favorably with the bituminous coal of Cape Breton, and is, of course, very much superior to the lignite coals of the North-West.

(Signed) MILTON L. HERSEY, M. A.

City and Provincial Analyst.

The coking quality of the coal is very exceptional, as will appear from the following analyses, viz.:

Analyses of four samples of coal received from Nicola Valley Iron & Coal Company, Limited.

	No. 1	No. 2	No. 3	No. 4
Fixed Carbon.....	58.41 p.c.	55.36 p.c.	49.99 p.c.	50.06 p.c.
Volatile matter.....	34.27	36.39	37.63	38.59
Water.....	2.18	3.47	2.50	2.51
Ash.....	5.14	4.78	9.88	8.84
	100.00 p.c.	100.00 p.c.	100.00 p.c.	100.00 p.c.
Sulphur.....	None	0.52 p.c.	0.68 p.c.	1.44 p.c.
Coke.....	63.55 p. c.	60.14 p. c.	59.87 p. c.	58.90 p. c.
Character of coke.....	Firm and hard	Firm and hard	Firm and hard	Firm but not very hard

Of the samples submitted to us by you, those marked 1 and 2 are, so far as general composition, freedom from excessive ash and sulphur, and good coking qualities are concerned, really ideal for smelting iron ores.

(Signed.) THOMAS PRICE & SON.

SAN FRANCISCO.

A visit to the Nicola Valley was recently made by Mr. Thomas Kiddie, Superintendent of the Lady-smith Smelter, on Vancouver Island, and from his samples of Nicola coal 67 per cent. of coke was obtained.