George Town Coal 1904

Mr.W.H.Baker, Instructor in Mining Subjects to the Launceston Technical School and the University of Tasmania reports as follows:-

"On june 6 th. I examined an outcrop of coal on Hacket's Reward Claim near George Town, and obtained samples from the seam, which I have analy

"The property is accessible from George Town by an easily graded road.

"The coal bearing country consists of a compact sandstone, and the seam has been exposed in the bed of a small stream, where it is about six inches thick; but some 20 feet to the west there is a shaft sunk to depth of about 32 feet, and the saem there is stated to be I4 inches the

"An analysis of samples which I took from the seam gives the follow- ing result:-

	Moisture at I00 C	I4 . 50 %
Heat producing elements)(Volatile Hydro Carbons		26 . 80
80 . 85 %)(Fixed Carbon		54 . 05
	Ash	4 . 65
		I00 . 00

"This shows the composition to be very satisfactory, and proves the coal to be a valuable one: it compares favourably with the best of Tasmanian coals.

"(At the outcrop its proportion of moisture is naturally high, but no doubt at increased depth this will diminish).

"I recommend that boring with a core drill be undertaken, as almost invariably one such seam overlaps other parallel seams.

"On the property an abundance of good timber exists, which will materially assist mining operations.

                                        W.H.Baker B.Sc.

GOVERNMENT LABORATORY HOBART

Analysis of coal from Hacket's Reward:-

Heat producing elements 84 . 5. (Fixed Carbon		49. 0.
(Gas &c Lost at red heat		35. 5.
Ash		8. 0.
Moisture lost at 2I2 Faht.		6. 6.
Sulphur		. 9.
		I00. 0.

The % of ash is decidedly low for Tasmanian coal.
                    sd W.F.Ward A.R.S.M.L.

School of Mines Ballarat in the University of Melbourne.

Analysis of coal from Hacket's Reward.

Registered No. 2938.--------

Heat producing elements) (Volatile Hydro Carbon   33. 42.

　　　85. 52 %　　　　　) (Fixed Carbon   52. 40.

　　　　　　　　　　　　　　　Moisture at 212 Faht.   IO. 06.

　　　　　　　　　　　　　　　Ash   4. I2.

　　　　　　　　　　　　　　　　　　　　　　　　　　　　　IOO. OO.

Coke 52. 52.%

　　　　　　sd   A.Mica Smith B.Sc.

　　　　　　　　　Superintendent of Laboratories.