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Preliminary Results of Drilling in the Coal-Bearing Fraser River Formation, Quesnel, British Columbia

NTS 93B/9W, 93B/16W

Peter S.W. Graham
Institute of Sedimentary and Petroleum Geology, Calgary

The Tertiary Fraser River Formation occurs as a narrow belt of weakly lithified clastic sediments along the present Fraser River, from Prince George to 38 km south of Quesnel. A preliminary summary of the geology and coal resource potential of the formation is given in Graham (1978). Results of preliminary work in 1977 were sufficiently promising that a small scale coring program was launched in September 1978 to obtain additional information on the Australian member of the Fraser River Formation near Quesnel. Three holes were drilled for a combined thickness of 610 m. Hole Q-1 (52°43'10'N, 122°26'05"N) was drilled near Australian Creek 30 km south of Quesnel (Figure 1). Hole Q-2 (52°57'48"N, 122°29'25"W) and Q-3 (52°57'25"N, 122°28'20"W) were drilled 1400 m apart on Red Bluff directly south of Quesnel townsite (Figure 2). Geophysical and lithological logs for holes Q-1 to Q-3 are included in this report (Figures 3, 4 and 5). A more complete study is in progress and results of this will be published at a later date.

The author is indebted to B.R. Cormier of the G.S.C. for his core description and many helpful suggestions.

## Reference

Graham, P.S.W.

1978: Geology and Coal Resources of the Tertiary sediments, Quesnel-Prince George area, British Columbia; Geol. Surv. Can., Current Research, Paper 78-1B, p. 59-64.

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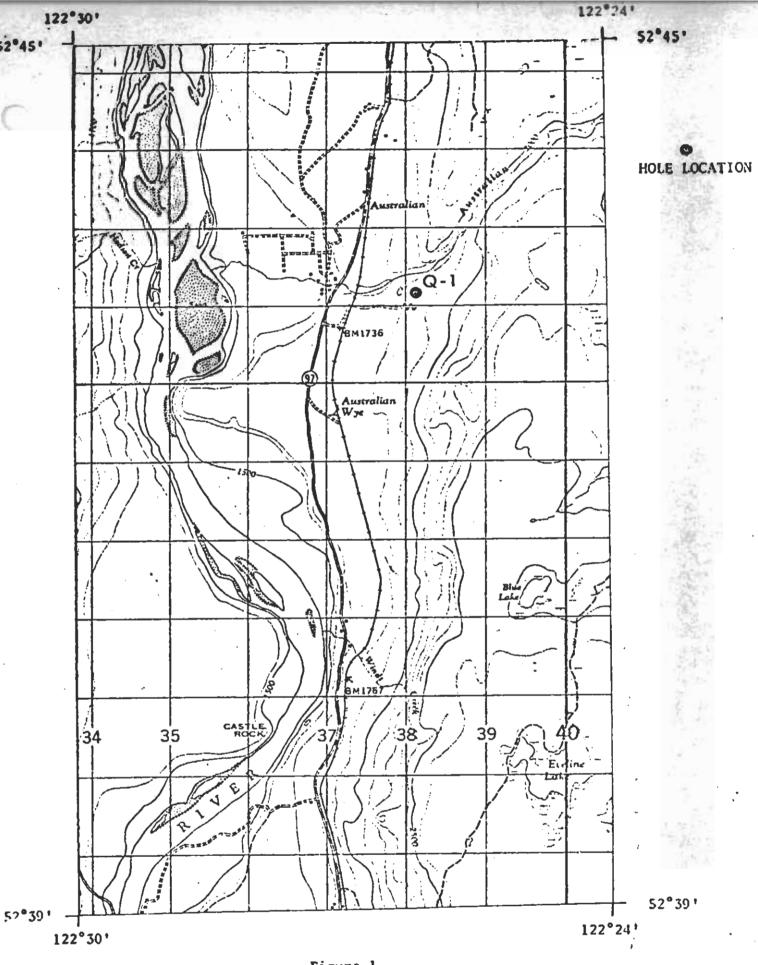
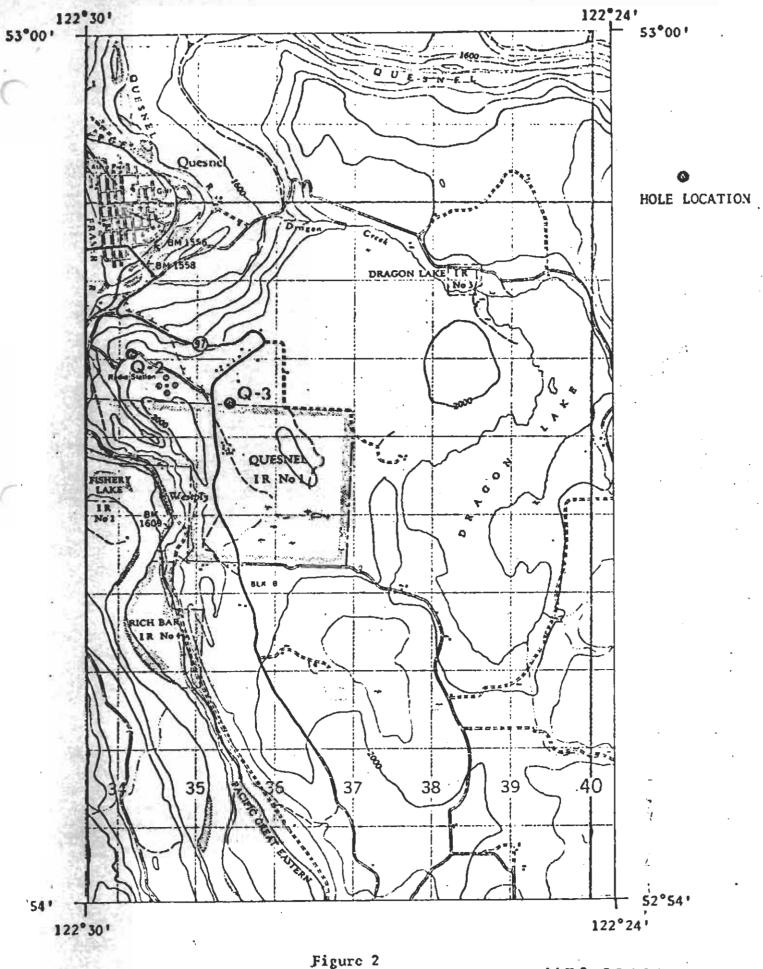


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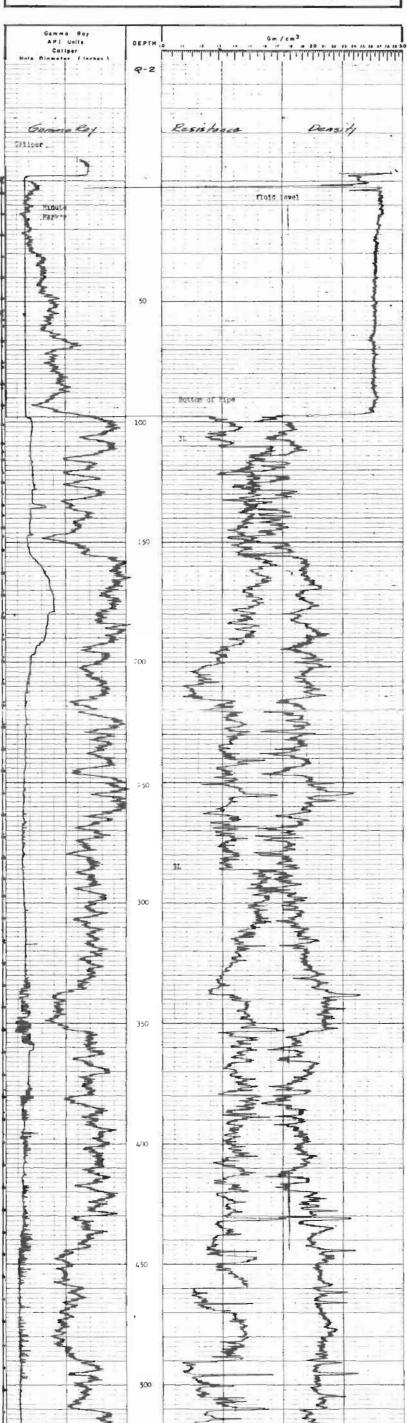
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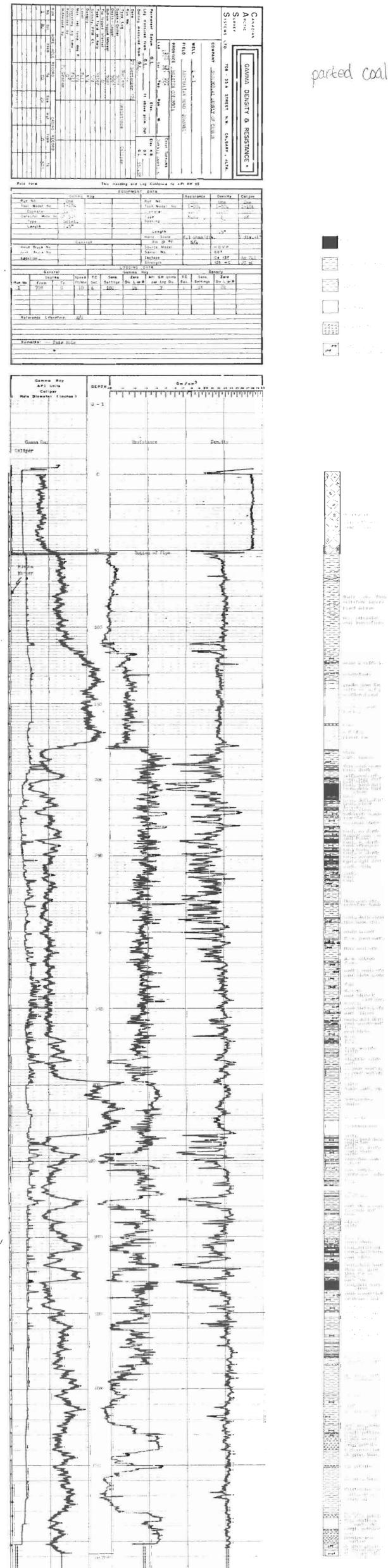
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