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CX-Idle Creek 8061A

Geological Report of Idle Creek  
B.C. Coal Licence 6174  
~~Nelson Land District~~  
92F11

by

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Date Completed: Oct. 26, 1981  
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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TABLE OF CONTENTS

Introduction	1
Geology	3
Conclusion	4
Statement of Authors Qualifications	5

LIST OF MAPS

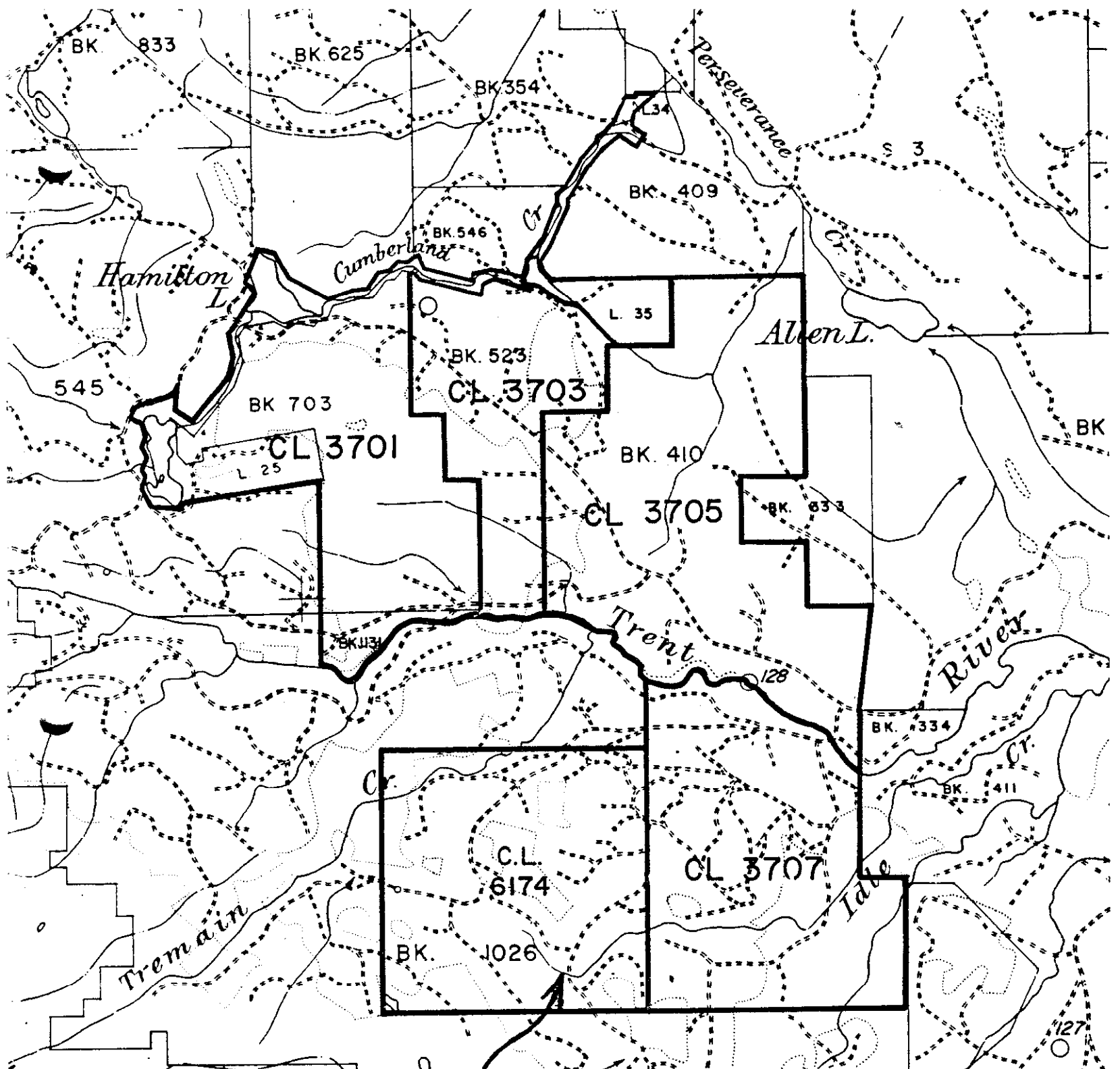
Coal Licence Location Map-Idle Creek	2
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INTRDUCTION

On July 30, 1980, Esso Minerals Canada was granted a coal licence, C.L.6174, on a property called Idle Creek. (Map 1)

The property was considered to contain an outlier of Nanaimo Group sediments, a known coal bearing stratigraphic sequence. A reconnaissance geology survey was conducted in August of 1980 to delineate the presence of coal. The presence of Nanaimo Group sediments was confirmed but no coal was evident.

Due to the limited size of the property and the absence of a large thickness of coal, the area is considered to have no economic potential and the licence surrendered as of July 30, 1981.



**ESSO MINERALS CANADA**  
**IDLE CREEK**

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GEOLOGY

A reconnaissance geology survey was conducted to isolate any coal bearing unit on the property. Through road and creek traverses, no coal was observed. As a result geological mapping was not considered necessary.

In general the licence area contained an outlier of sedimentary rocks considered to be Nanaimo Group sediments. Structure appeared simple with beds dipping  $10^{\circ}$ - $18^{\circ}$  to the northeast.

Lithologies consisted of coarse grained buff, feldspathic sandstone, minor polymictic conglomerate and shale. This sequence of lithologies was considered to be the Comox formation of the upper Cretaceous period.

CONCLUSION

The areal extent of the property, and the absence of coal occurrence make the economical potential of the Idle Creek property negative. It is recommended that no detail mapping or drilling be done and that the licence be surrendered as of July 30, 1981.

Statement of Author's Academic and Professional Qualifications

I, Allister Raymond Peach, received a Bachelor of Science degree from the University of New Brunswick on May 19, 1977. The degree consisted of a major in Geology with curriculum concentration on Stratigraphy and Sedimentary Geology.

My professional qualifications include 2 years and 5 months, commencing May 1977, as a Testhole Geologist with the Carboniferous Drilling Project, a federal-provincial project exploring for coal in the Pennsylvanian age strata of New Brunswick. Since October of 1979 I have been employed as a geologist with Esso Minerals Canada. My experience with E.M.C. includes coal exploration in the west central foothills of Alberta and on Vancouver Island in British Columbia.

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