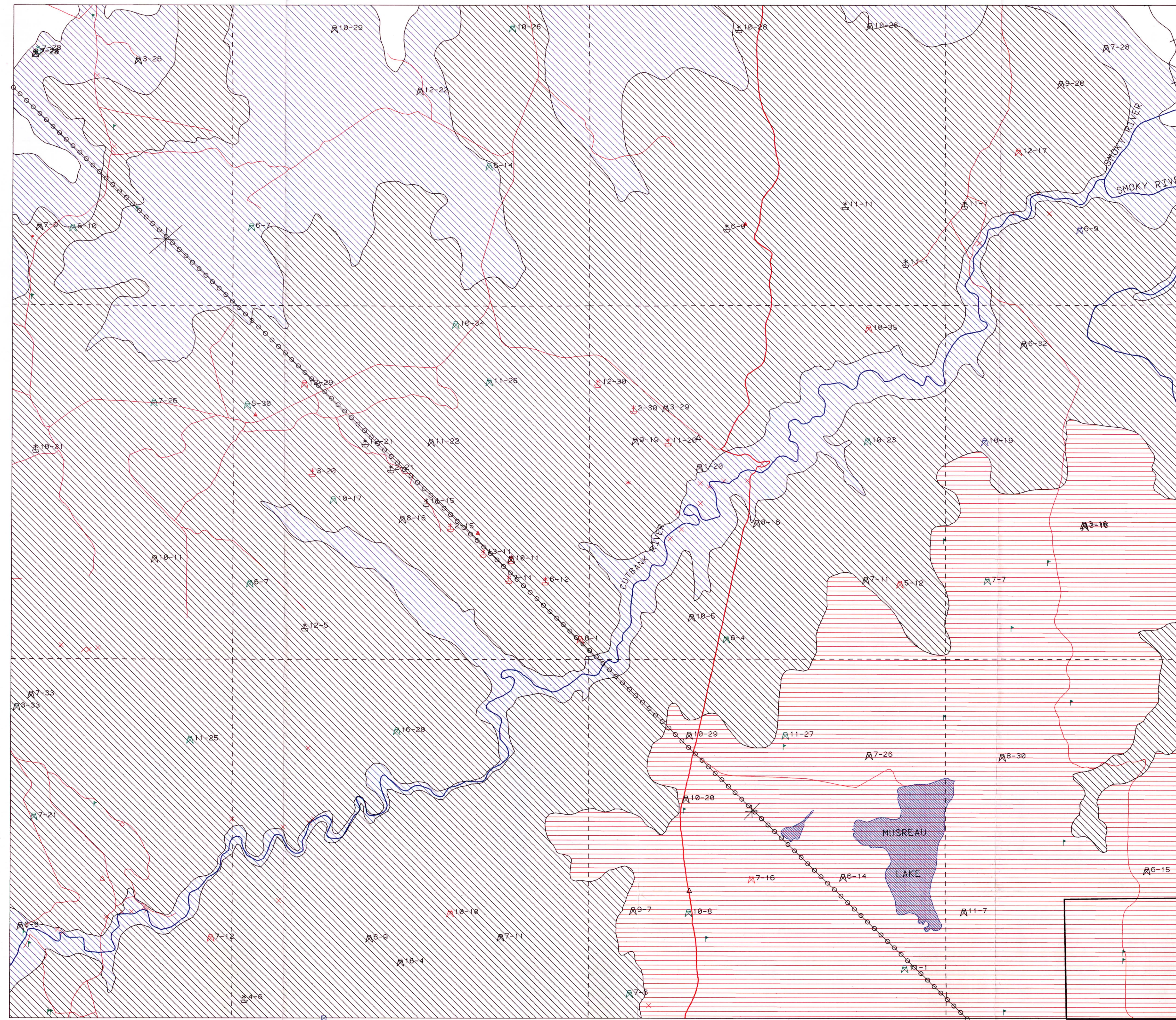


# REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10

R J H RICHARDSON, W LANGENBERG, D K CHAO, F M DAWSON, D FIETZ  
SCALE 1 50,000

54 75 119 0 R7 R6 R5 R4 W6 54 75 118 5



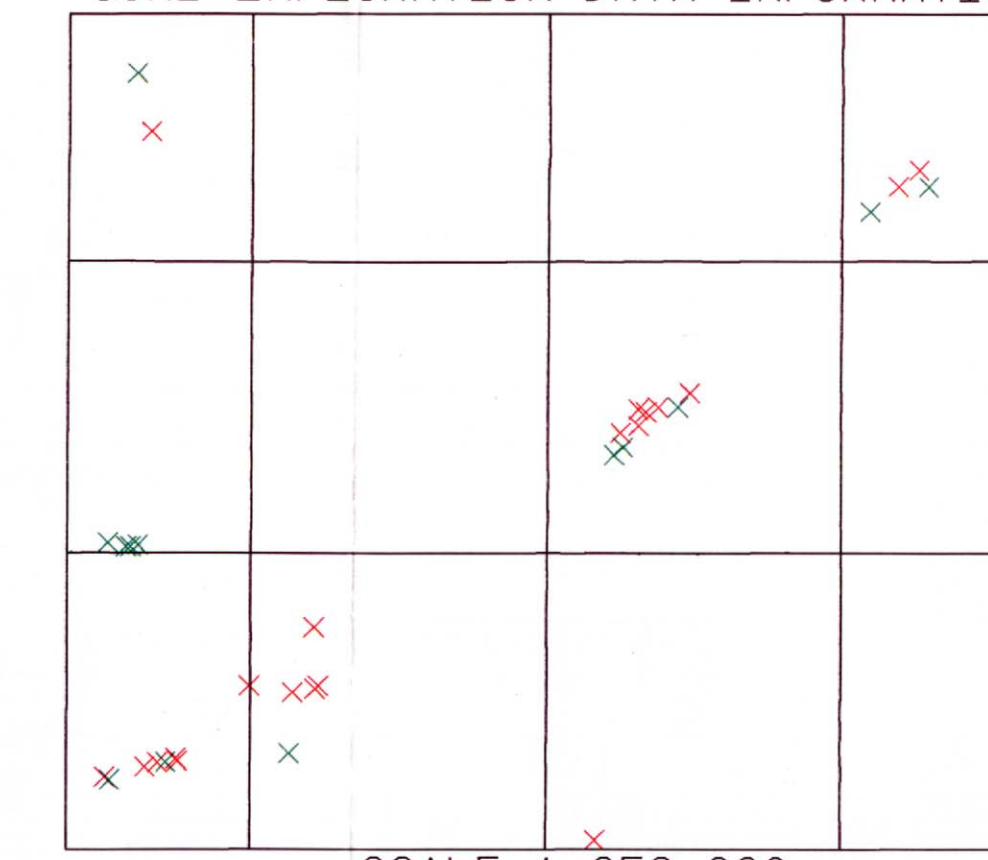
54 5 119 0 R7 R6 R5 R4 W6 54 5 118 5

1 50,000 LEGEND

- |                            |                                |  |   |
|----------------------------|--------------------------------|--|---|
| COALSPUR FORMATION (UPPER) | COAL OUTCROP                   | DRILLHOLE, GULF CANADA CORPORATION (COAL INTERSECTED)        | E R C B MUSREAU LAKE COAL FIELD OUTLINE |
| COALSPUR FORMATION (LOWER) | OIL & GAS LOCATION (ABANDONED) | DRILLHOLE, GULF CANADA CORPORATION (NO COAL INTERSECTED)     | HIGHWAY 40                              |
| BRAZEAU FORMATION (UPPER)  | OIL & GAS LOCATION (SUSPENDED) | DRILLHOLE, ESSO RESOURCES CAN LTD (NO COAL INTERSECTED)      | ROAD OR TRAIL                           |
| AXIS OF ALBERTA SYNCLINE   | OIL & GAS LOCATION (CAPPED)    | DRILLHOLE, SCURRY RAINBOW OIL LTD (COAL INTERSECTED)         | RIVER                                   |
|                            | OIL & GAS LOCATION (STANDING)  | DRILLHOLE, HUBBAY COAL COMPANY (COAL INTERSECTED)            | RAILWAY                                 |
|                            | OIL & GAS LOCATION (FLOWING)   | DRILLHOLE, ALBERTA RESEARCH COUNCIL (COAL INTERSECTED)       | LAKE                                    |
|                            | OIL & GAS LOCATION (PUMPING)   | DRILLHOLE, ALBERTA RESEARCH COUNCIL (NO COAL INTERSECTED)    |   |
|                            | OIL & GAS LOCATION (TESTING)   | DRILLHOLE, TEXACO CANADA RESOURCES LTD (NO COAL INTERSECTED) |   |

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ELAD ENTERPRISES INC

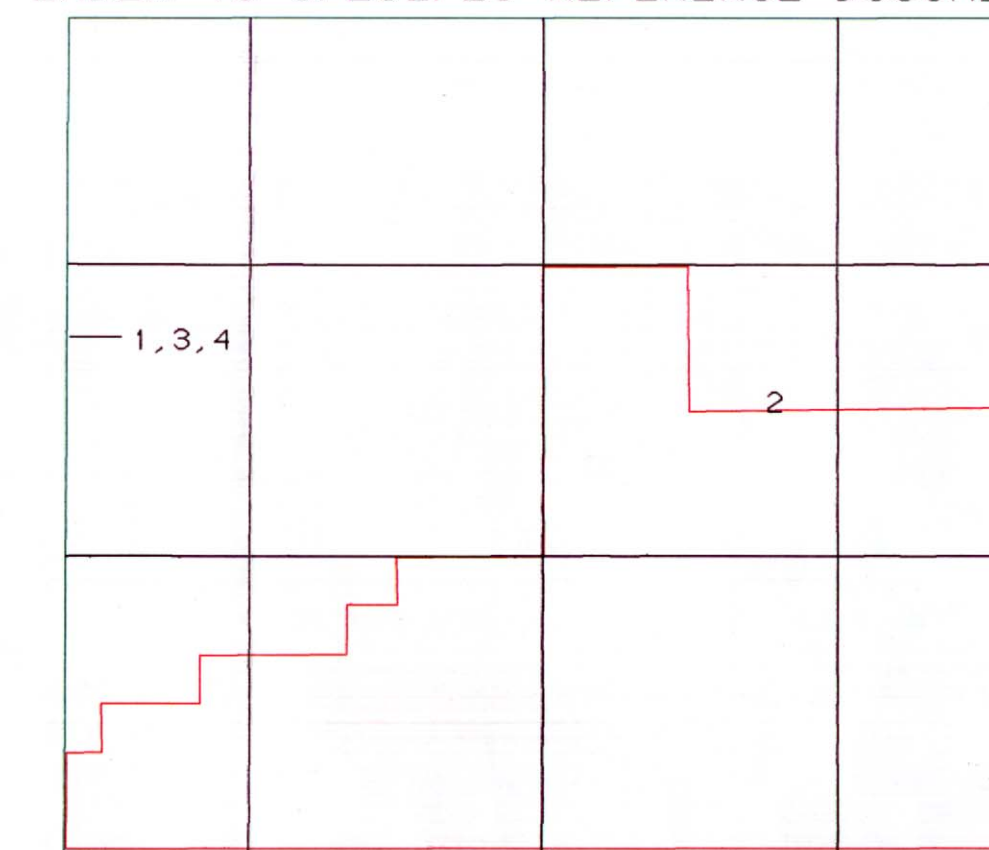
## REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10 COAL EXPLORATION DATA INFORMATION



SCALE 1 250,000

- COAL OUTCROP, WITH COAL QUALITY
- COAL OUTCROP, NO COAL QUALITY

## REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10 INDEX TO SPECIFIC REFERENCE DOCUMENTS

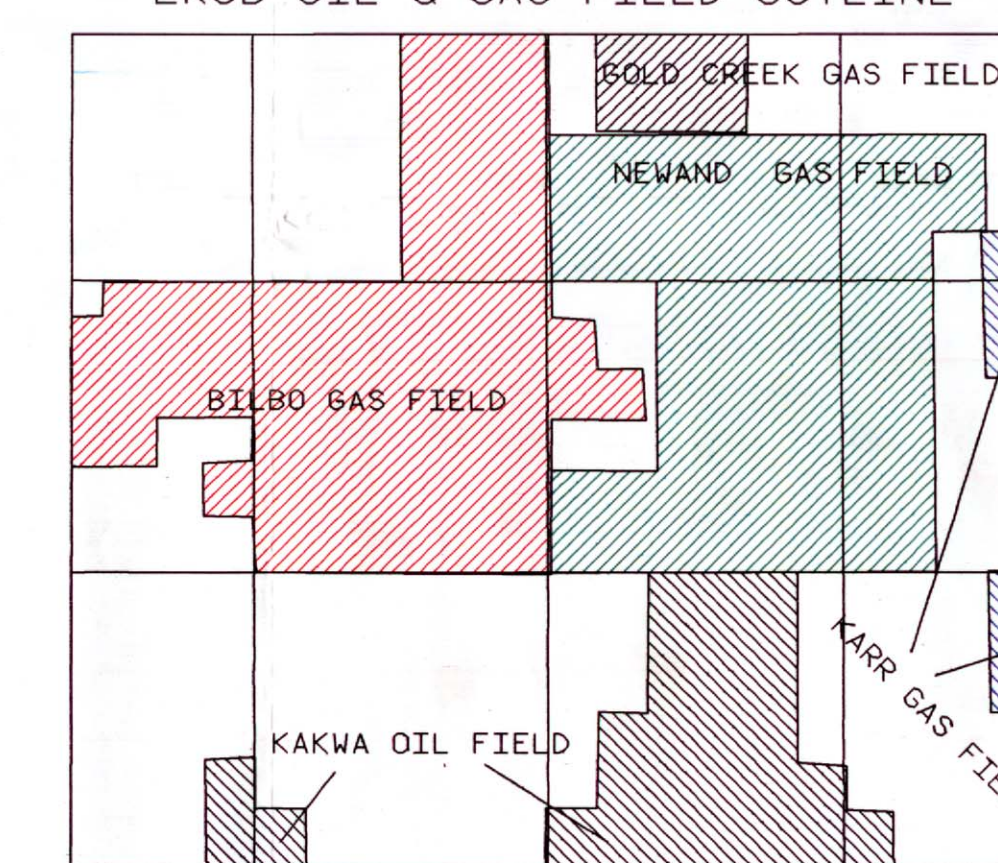


SCALE 1 250,000

### INDEX TO SPECIFIC REFERENCE DOCUMENTS for the MAPSHEET NTS 83L/10

- 1 Allen, J A and Carr, J L 1946. Geology and Coal Occurrences of the Musreau Lake Area, Alberta. Research Council of Alberta Report. Report contains map No. 19 showing locations of coal occurrences, scale of map approximately 1 inch = 2.0 miles. Outline identified as 1 on GIS plot.
- 2 Gulf Oil Canada Limited 1977-07-22. Application for a Coal Exploration Program on the Musreau Lake Area. ERCB Application 73609. File of Application from ERCB Records Center. Outline identified as 2 on GIS plot.
- 3 Esso Resources Canada Limited 1980-07-11. Smoky River Reconnaissance Area Raw Data and Mapping Data Compilation - NTS 83L/10. Esso Resources Canada Limited. Multiple maps at scales of 1:250,000 and 1:50,000. Outline identified as 3 on GIS plot.
- 4 McMechan, H E & Dawson, F M. Geological Compilation - Musreau Area (83L). Geological Survey of Canada. Open File Report 2313. Scale 1:125,000. Outline identified as 4 on GIS plot.

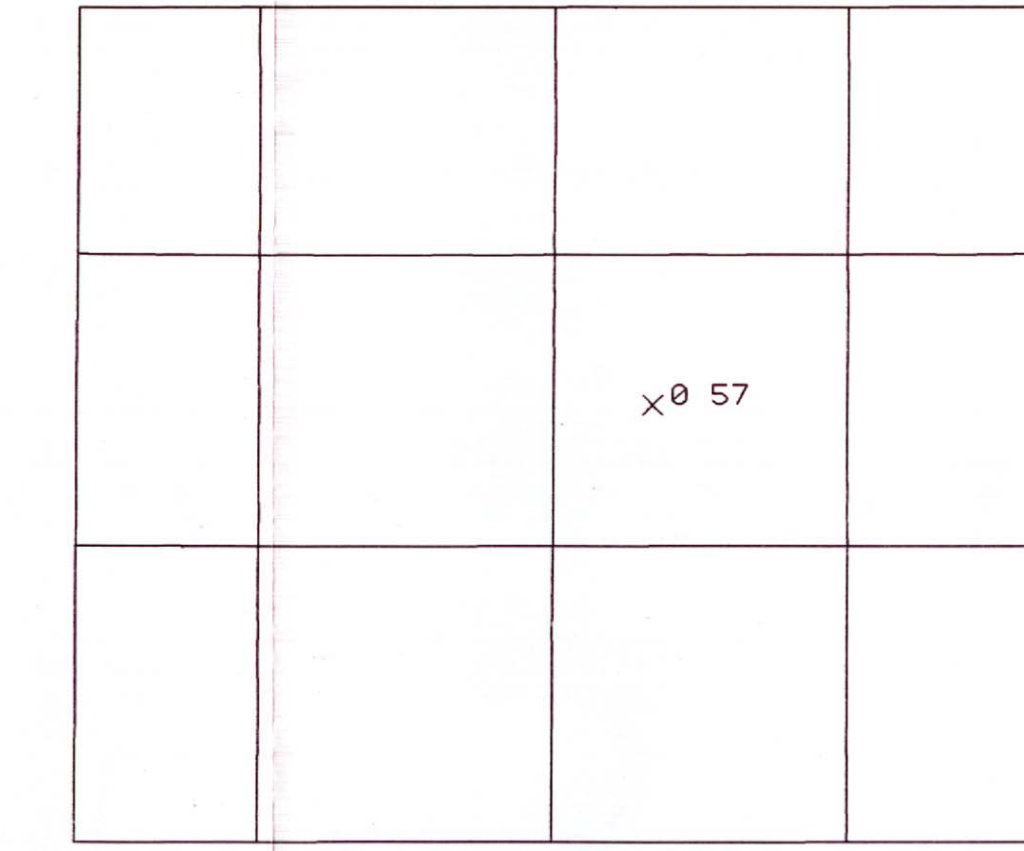
## REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10 ERCB OIL & GAS FIELD OUTLINE



SCALE 1 250,000

- BILBO GAS FIELD
- GOLD CREEK GAS FIELD
- KARR GAS FIELD
- KAKWA OIL FIELD
- NEWAND GAS FIELD

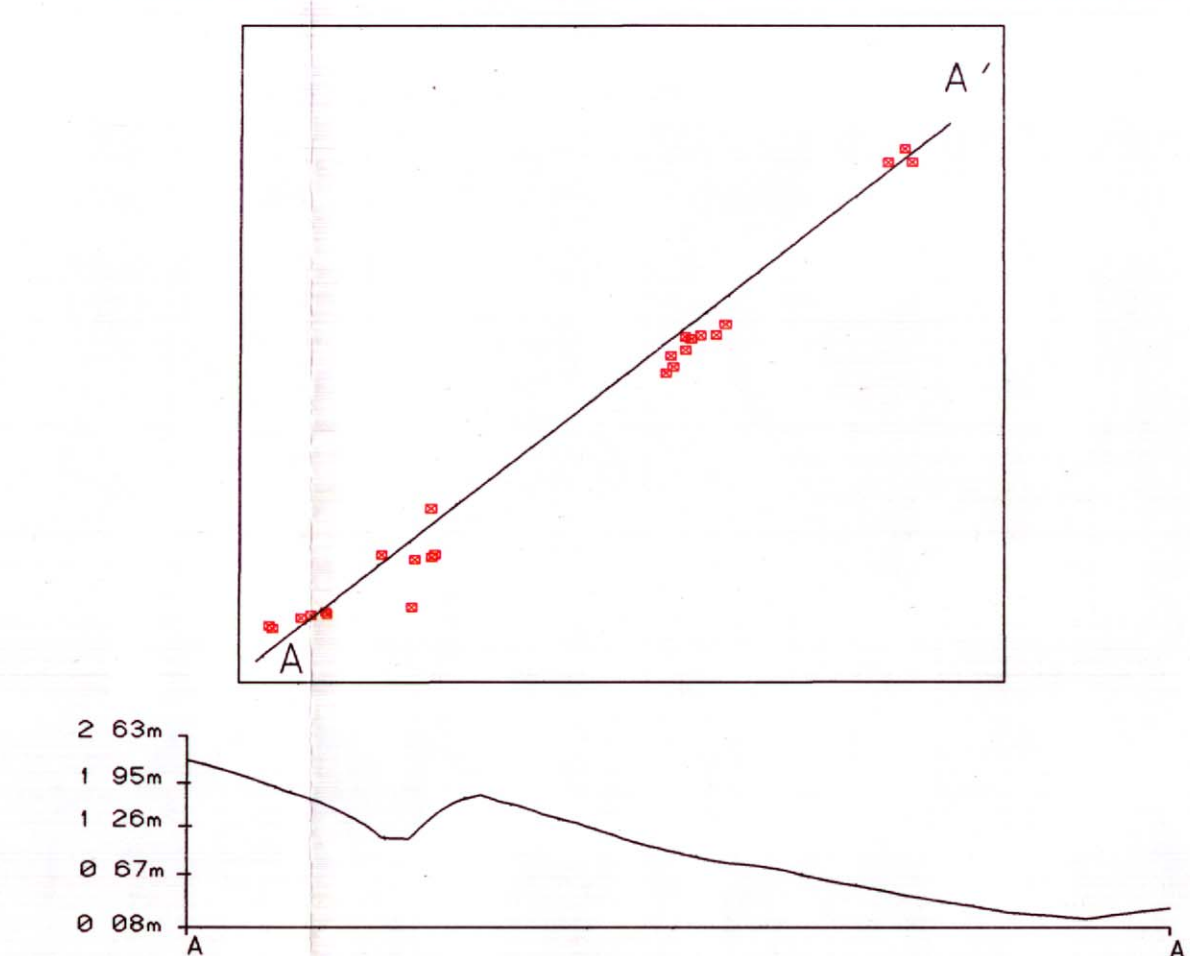
## REGIONAL COAL MAPPING - CUTBANK RIVER RANDOM VITRINITE REFLECTANCE (%) OF COAL OUTCROPS



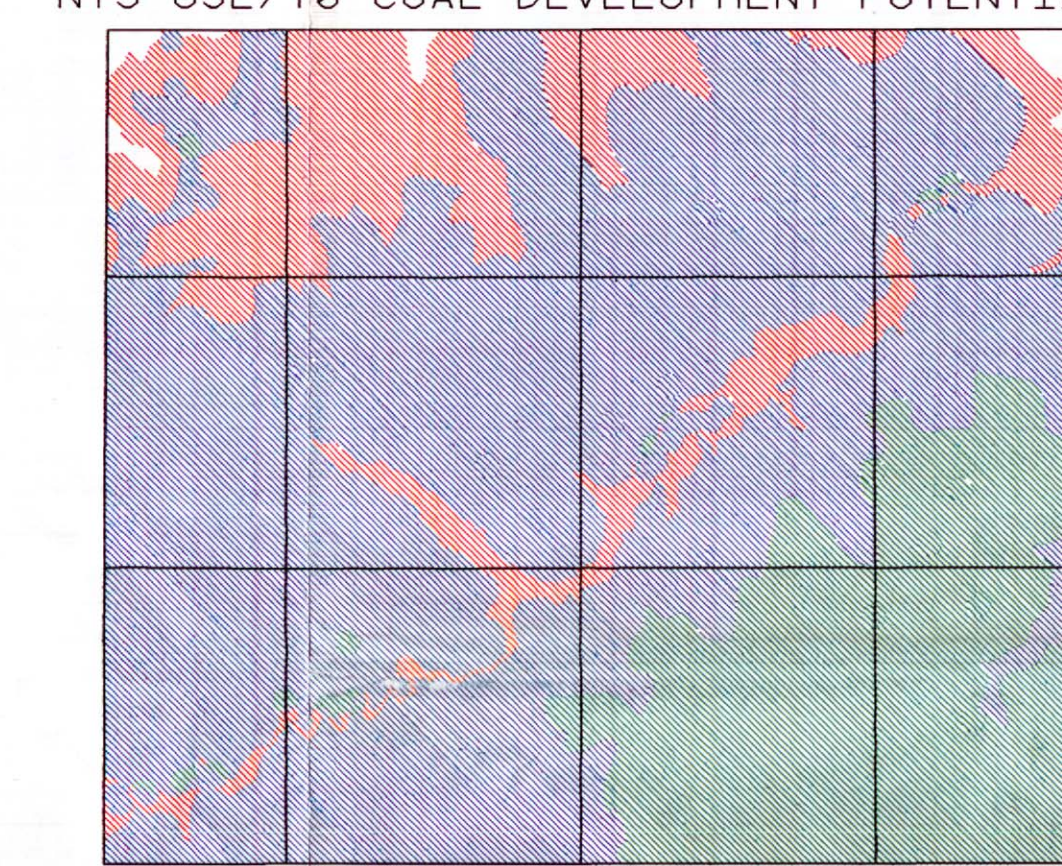
SCALE 1 250,000

- RANDOM VITRINITE REFLECTANCE (%)

## REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10 PROFILE OF THE COAL OUTCROP THICKNESS



## REGIONAL COAL MAPPING - CUTBANK RIVER NTS 83L/10 COAL DEVELOPMENT POTENTIAL



SCALE 1 250,000

- HIGH POTENTIAL
- MEDIUM POTENTIAL
- LOW POTENTIAL
- NO DATA AVAILABLE

### \* NOTE \*

Coal Development Potential is a semi-quantitative and subjective evaluation of the potential of coal development based on limited data and reflecting current mining technology and general economic factors. COAL DEVELOPMENT POTENTIAL TO THE USE OF THIS ANALYSIS: The analysis is based on existing geological information and does not take into account governmental restrictions on coal development or evaluate actual economic constraints to development now or in the future. To establish a detailed map for a unique set of criteria, please contact the RG.

ALBERTA RESEARCH COUNCIL MAP RCMB  
IMAGE NAME 83L10p1  
COMPILED DATE MARCH, 1991  
REVISION DATE MAY 3, 1991

RELIABILITY AND USE  
Information contained on this map sheet has been derived from a number of different sources, scales, and formats (digital and hard copy). Every attempt has been made to accurately portray the data; however, this map is intended to provide a basic compilation and overview of Coal Resources. For more specific inferential needs please contact the Head, Coal Geology Section, Alberta Geological Survey, Alberta Research Council, P.O. Box 8330, Station F, Edmonton, Alberta, T6H 5K2.

FUNDING  
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COAL GEOLOGY SECTION  
ALBERTA GEOLOGICAL SURVEY