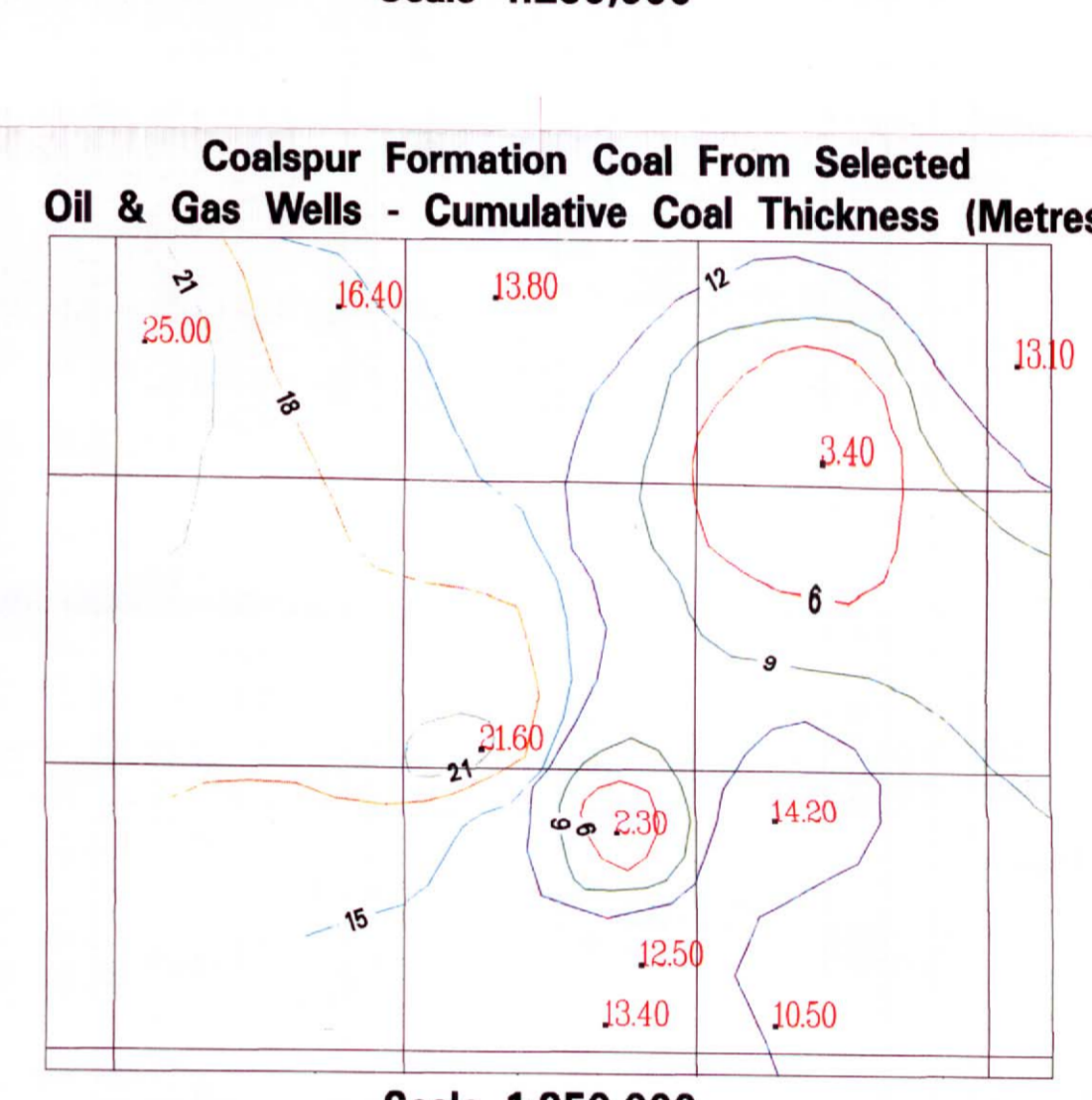
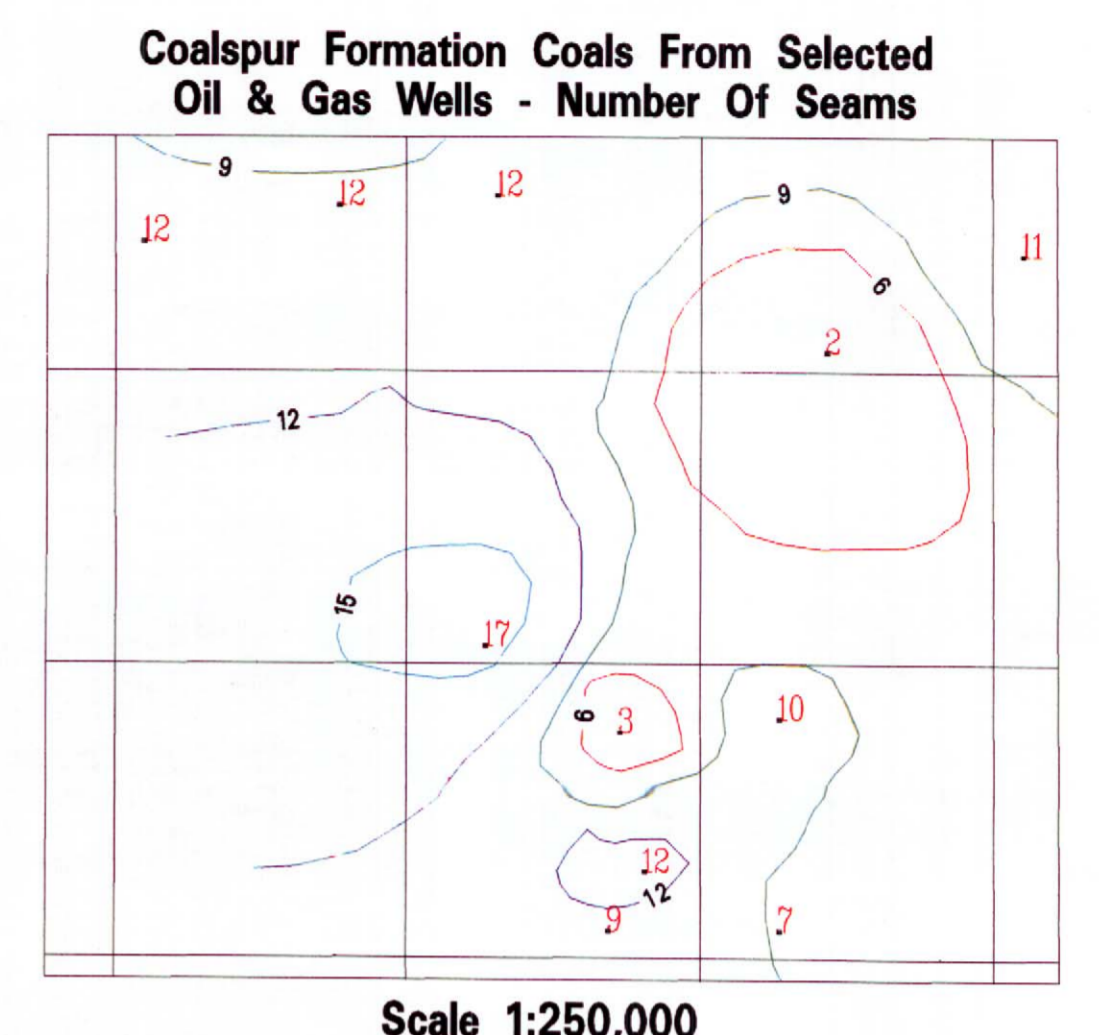
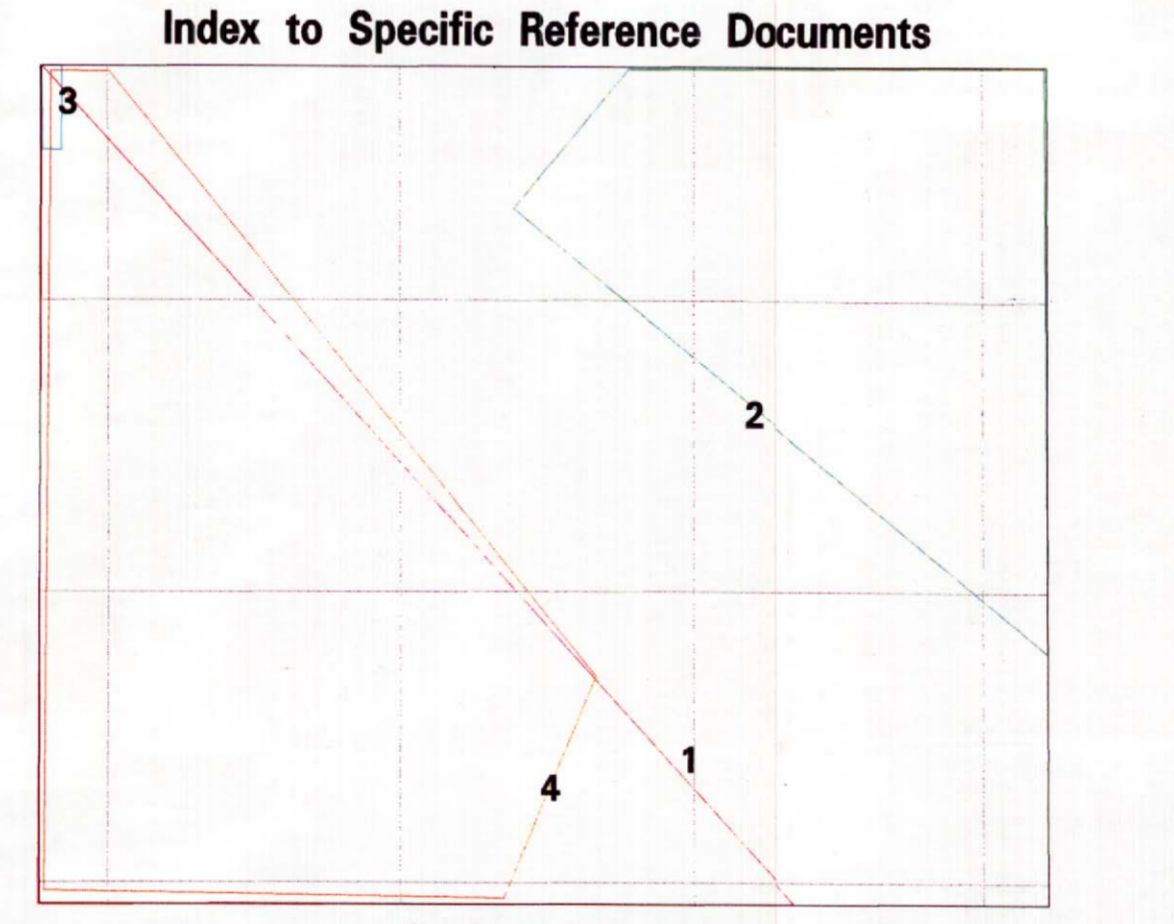
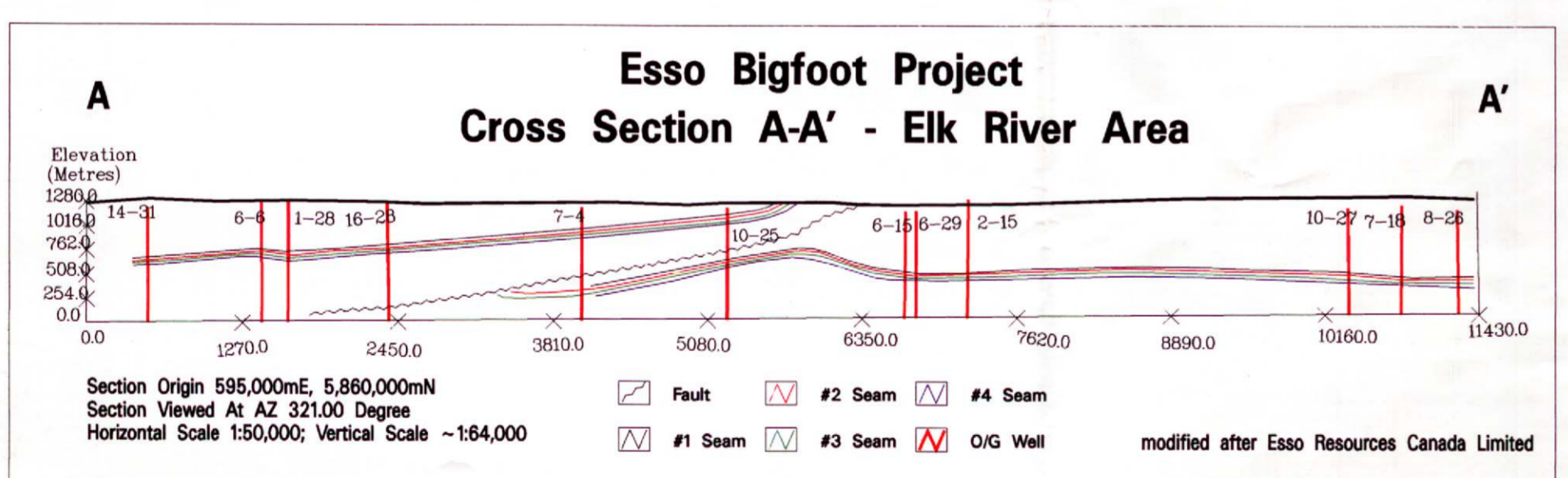


- Scale 1:250,000**
- Coal Drillhole, With Coal Quality
  - Coal Drillhole, With No Coal Quality
  - × Coal Outcrop, With Coal Quality
  - ⊗ Coal Outcrop, With No Coal Quality
  - ⊠ Palynology Sample Site (Alberta Geological Survey '93)

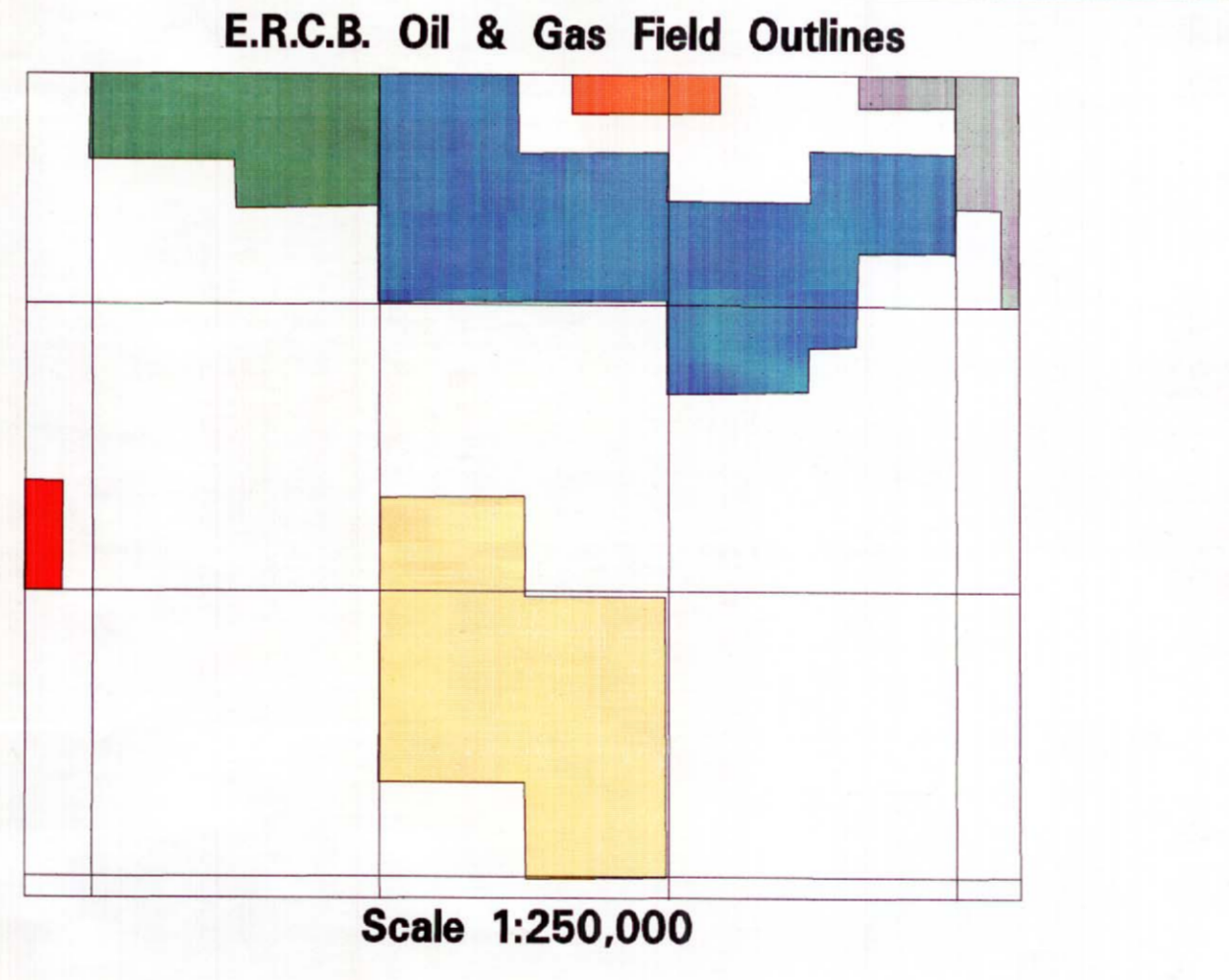


**Scale 1:250,000**

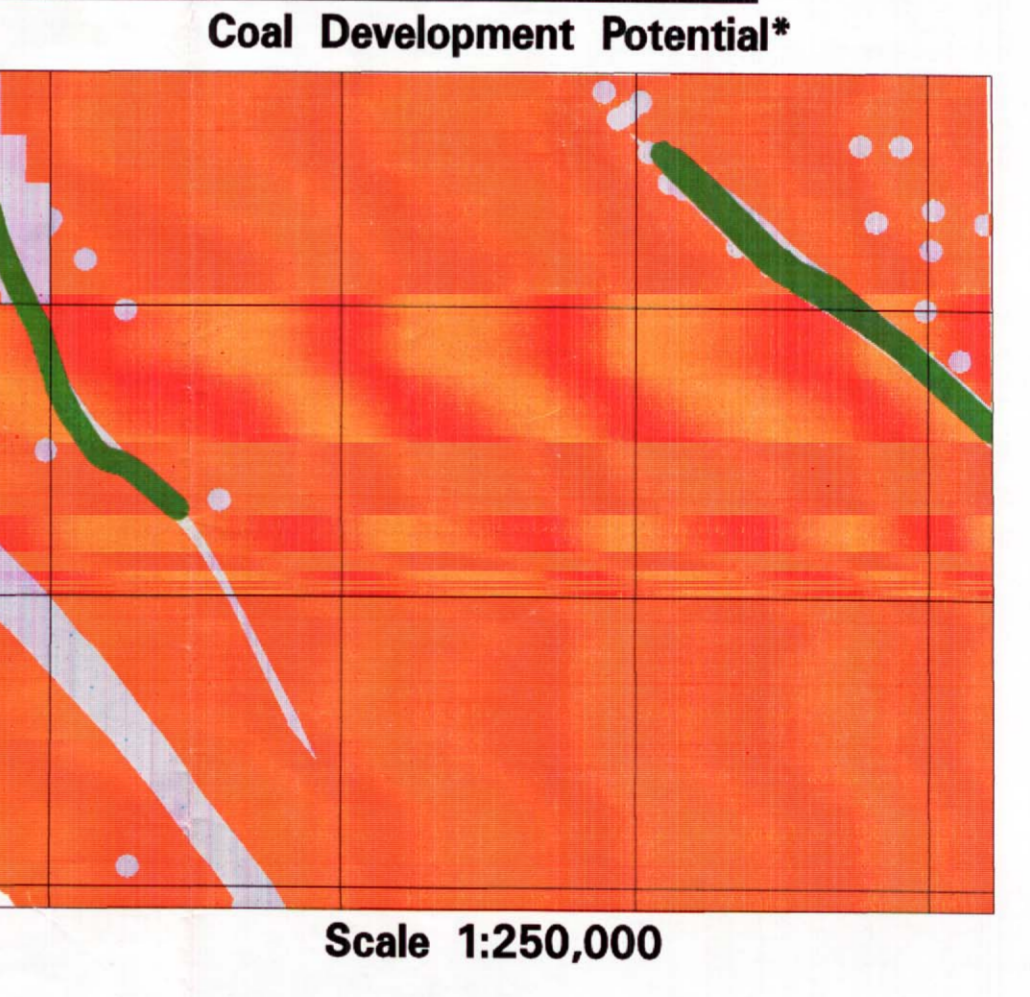
Well ID	LSD Section	Cumulative Coal Thickness (m) in Coal-Bearing Section	Thickness (m) of Coal-Bearing Section	Depth (m) To Top Of 1st Coalspur Formation Coal
61034	10-9	10.5	108.0	762.0
61036	15-29	14.2	204.6	700.7
61037	12-2	13.4	165.0	880.0
61038	18-11	12.5	211.0	857.0
61041	11-26	2.3	52.8	911.2
63185	7-5	21.6	205.7	671.9
64872	7-18	13.1	171.6	756.4
64883	7-4	3.4	6.8	867.2
64891	9-20	13.8	199.0	727.0
64907	10-18	25.0	259.2	752.0
64908	7-23	16.4	211.6	745.6



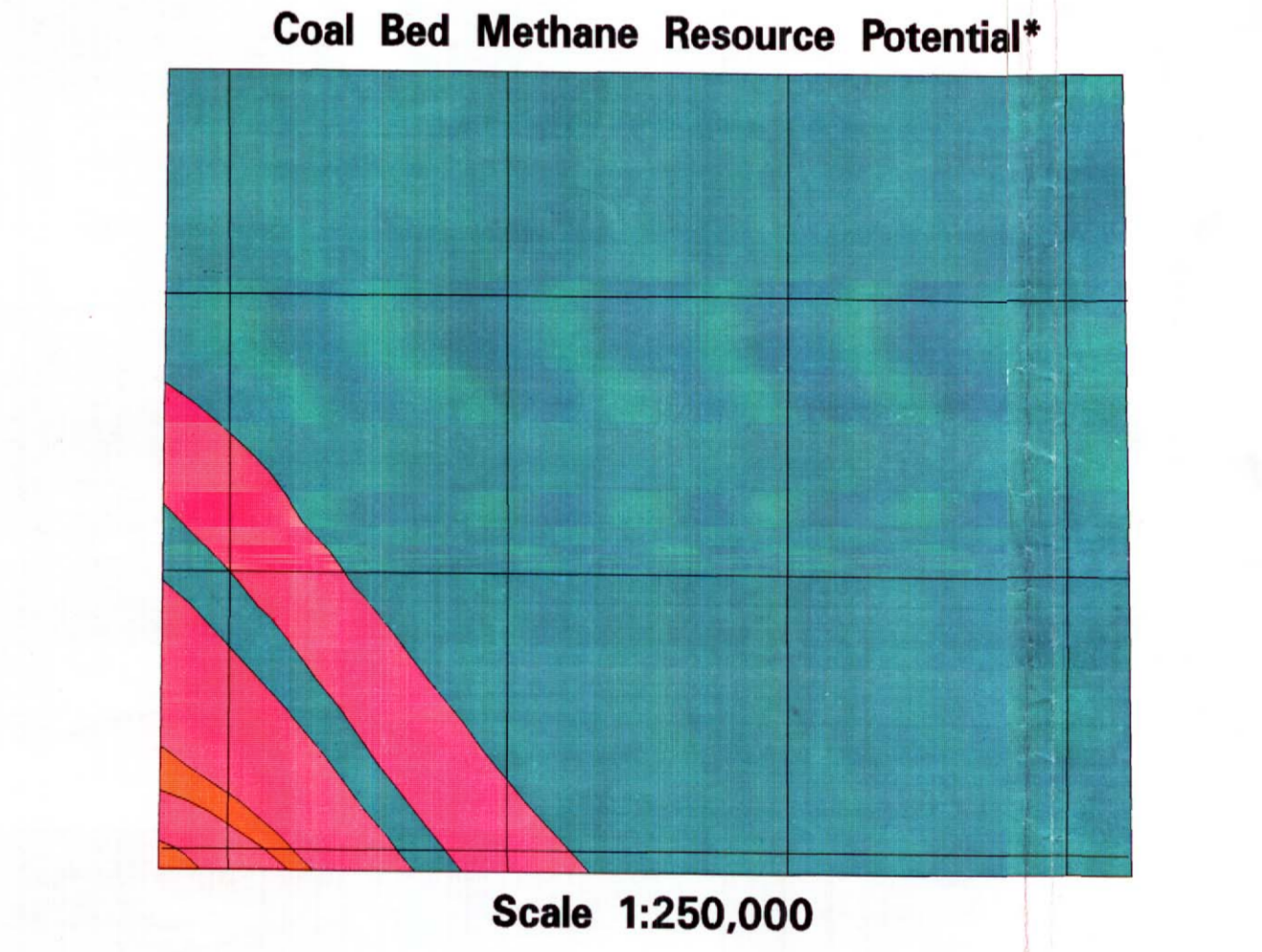
- Scale 1:250,000**
- INDEX TO SPECIFIC REFERENCE DOCUMENTS for the MAPSHEET NTS 83C/16
- Mackay, B.R. 1943. FOOTHILLS BELT OF CENTRAL ALBERTA. Geological Survey of Canada. Preliminary Map 43-3. Scale 1 inch: 2 miles. Outline identified as 1 on GIS plot.
  - Esso Resources Canada Limited. 1984. BIGFOOT-SYLVESTER RECONNAISSANCE AREA. Information was derived from a number of original (mylar) maps, drawings and sections et al that were provided, to the AGS, by Esso Resources Canada Limited. Outline identified as 2 on GIS plot.
  - Dunn, J. 1982-82. LENDRUM CREEK PROPERTY. Esso Minerals Canada - Coal Department. Outline identified as 3 on GIS plot.
  - Allen, J.A. and Rutherford, R.L. 1924. GEOLOGY ALONG THE BLACKSTONE, BRAZEAU AND PEMBINA RIVERS IN THE FOOTHILLS BELT, ALBERTA. Alberta Scientific and Industrial Research Council, Geological Division. Report No.9 (includes Map No.5). Scale 1:126,720. Outline identified as 4 on GIS plot.



- Scale 1:250,000**
- Blackstone Gas Field
  - Brazeau River Gas Field
  - Columbia Gas Field
  - Hanlan Gas Field
  - Peco Gas Field
  - Voyager Gas Field

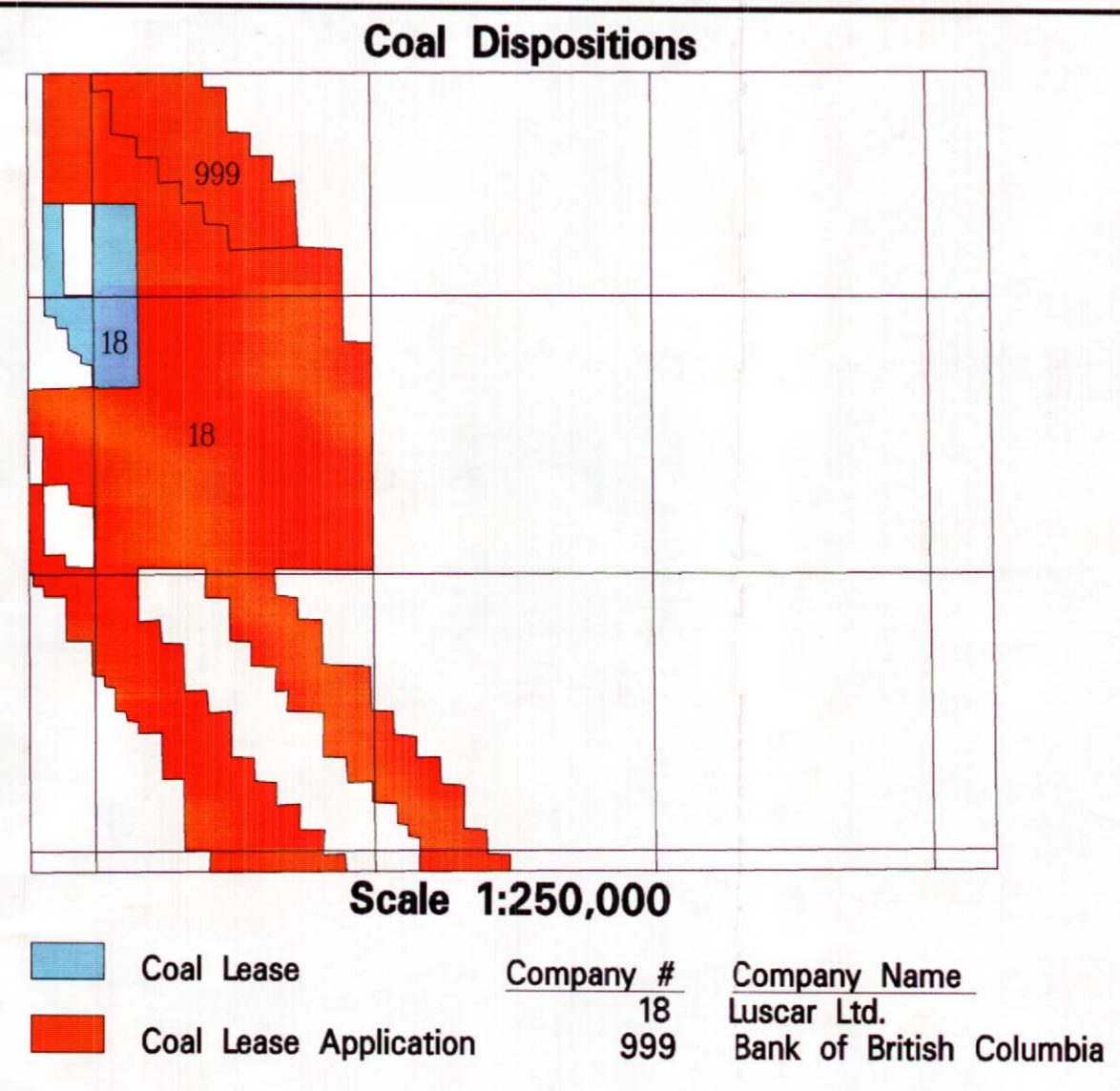


- Scale 1:250,000**
- High Potential
  - Medium Potential
  - Low Potential
  - No Data Available

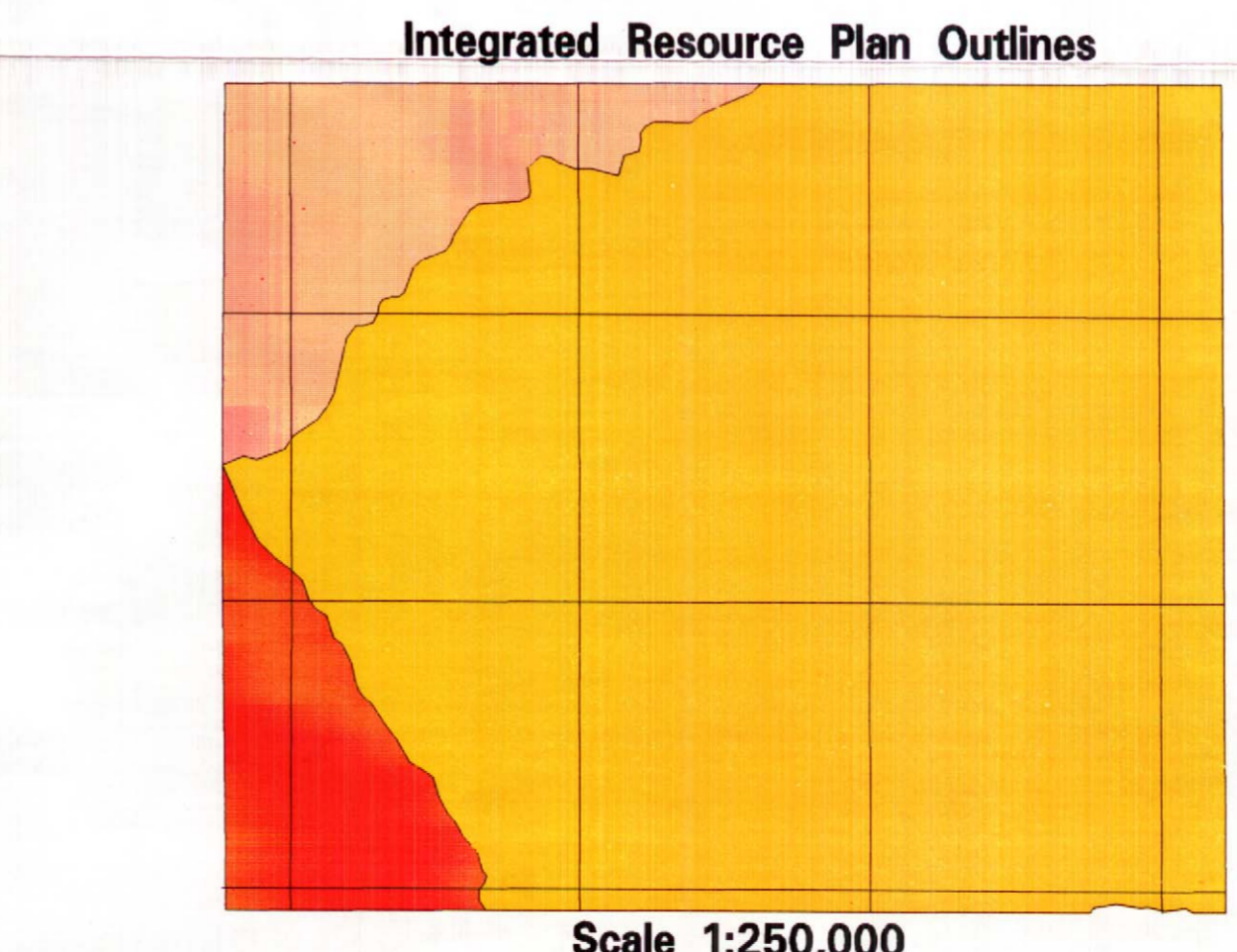


- Scale 1:250,000**
- Excellent
  - Very Good
  - Good
  - Fair To Poor
  - Poor To Nil

- Blackstone River Map (1:50,000) Legend**
- Fault
  - Fault (Assumed)
  - Formation Boundary (Assumed)
  - Coal Seam Subcrop (Approximate)
  - Coal Outcrop
  - Palynology Sample Location
  - Paskapoo Formation
  - Coalspur Formation
  - Brazeau Formation
  - Undifferentiated Strata
  - E.R.C.B. Coal Field Outline
  - Road or Trail
  - Secondary Hwy 940
  - River
  - ESSO Line Of Cross Section: Elk River Area
  - Oil & Gas Location (Abandoned)
  - Oil & Gas Location (Capped)
  - Oil & Gas Location (Flowing)
  - Oil & Gas Location (Status Unknown)
  - Oil & Gas Location (Suspended)
  - Drillhole, Esso Resources Canada Ltd. (Coal Intersected)
  - Drillhole, Esso Resources Canada Ltd. (No Coal Intersected)
  - Drillhole, Imperial Oil Ltd. (Coal Intersected)
  - Drillhole, Imperial Oil Ltd. (No Coal Intersected)
  - Lexco Testing Ltd. (Coal Intersected)
  - Lexco Testing Ltd. (No Coal Intersected)
  - Luscar Ltd. (Coal Intersected)
  - Luscar Ltd. (No Coal Intersected)
  - Shell Canada Resources Ltd. (No Coal Intersected)
- 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). While every attempt has been made to accurately portray the data, this map is intended to provide a basic compilation and overview of Coal Resources; for more specific informational needs please contact the Head, Minerals and Coal Geoscience Section, Alberta Geological Survey, Alberta Research Council, P.O. Box 8330, Edmonton, Alberta, T6H 5X2.
- FUNDING**
- Funds for this project have been provided by the Alberta Department of Energy and by the Alberta Research Council.



- Scale 1:250,000**
- Coal Lease
  - Coal Lease Application
- | Company # | Company Name             |
|-----------|--------------------------|
| 18        | Luscar Ltd.              |
| 999       | Bank of British Columbia |



- Scale 1:250,000**
- Sub-Regional Integrated Resource Plan
- Brazeau-Pembina
  - Coal Branch
  - Nordegg-Red Deer River

**NOTE**

\* Insets of 'Coal Development Potential' and 'Coal Bed Methane Resource Potential' are semiquantitative and subjective evaluations of the potential of the coal development based on limited data and reflecting current technology and general economic factors. CAUTION SHOULD BE EMPLOYED IN THE USE OF THESE ANALYSES! The analyses are based on mainly geological criteria and do not take into account governmental restrictions or evaluate actual economic constraints to development now or in the future. To establish a 'potential map' for a unique set of criteria, please contact the AGS.

## Regional Coal Mapping Blackstone River, Alberta - NTS 83C/16

R.J.H. Richardson, W. Langenberg, D.K. Chao, D. Fietz\*

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Revised and Released: 1994  
Alberta Research Council Map : RCM14

\* ELAD Enterprises Inc.

