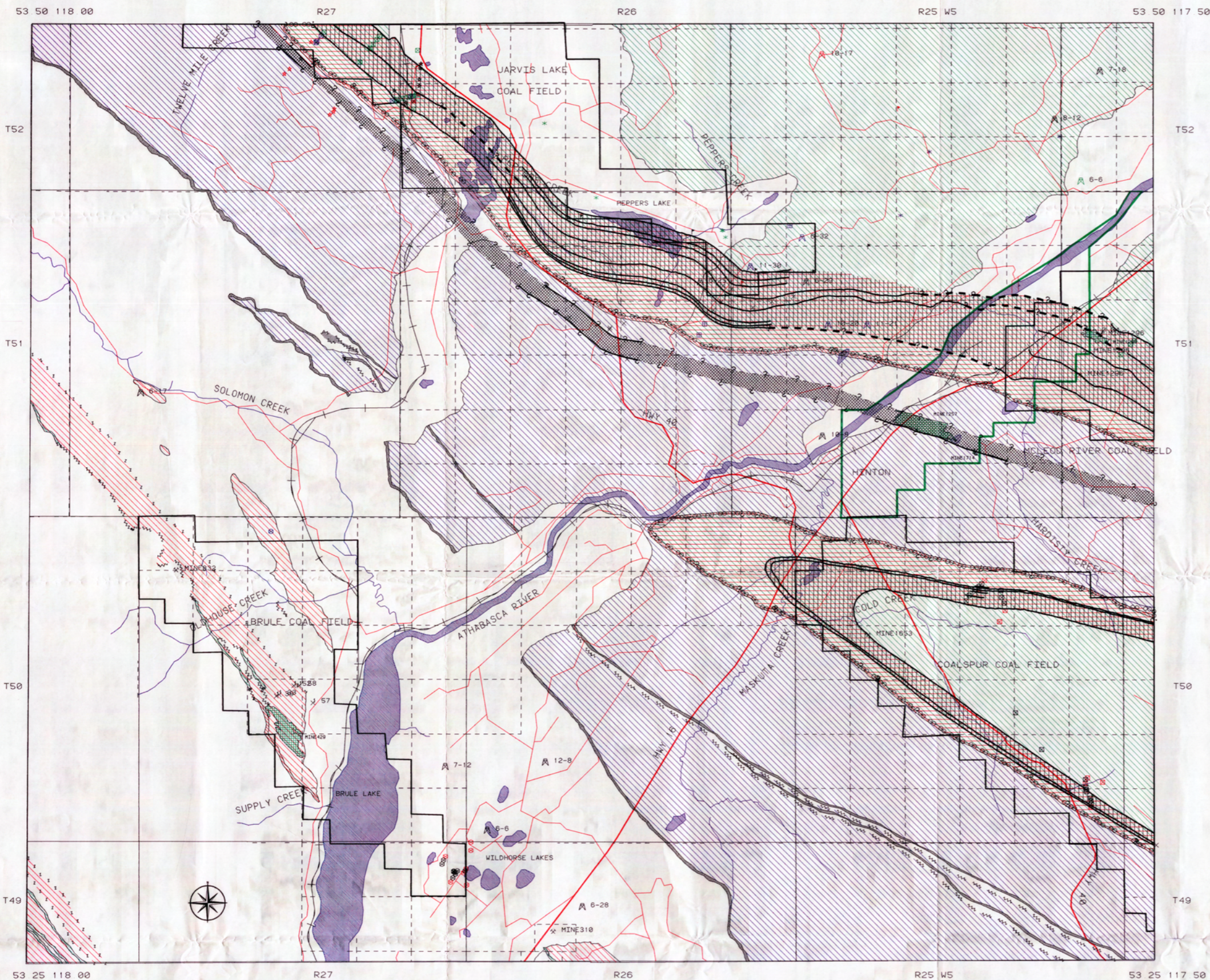


REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5

R. J. H. RICHARDSON, W. LANGENBERG, D. K. CHAO, D. FIETZ

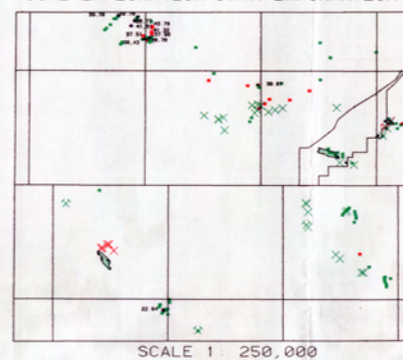
SCALE 1 50,000



1 50,000 LEGEND

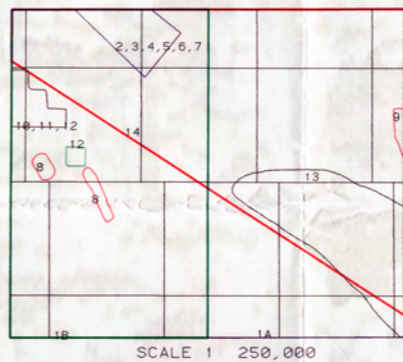
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REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5 COAL EXPLORATION DATA INFORMATION



- COAL DRILLHOLE, WITH COAL QUALITY & WEIGHTED AVERAGE VOLATILE MATTER (DAF)
- COAL DRILLHOLE, NO COAL QUALITY
- COAL OUTCROP, WITH COAL QUALITY
- COAL OUTCROP, NO COAL QUALITY
- COAL SURFACE MINE
- COAL UNDERGROUND MINE
- OUTLINE OF UNDERGROUND COAL MINE WORKINGS

REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5 INDEX TO SPECIFIC REFERENCE DOCUMENTS

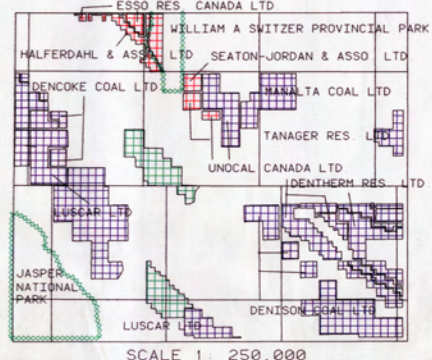


INDEX TO SPECIFIC REFERENCE DOCUMENTS FOR THE MAPSHEET NTS 83F5

- 1 Long, A.H. 1947 Brule and Entrance Map Areas, Alberta Geological Survey of Canada Memoir 246
- 2 Long, A.H. 1948 Entrance mapsheet, Geological Survey of Canada Map 905A Scale 1:50,000 Outline identified on 14 on G15 plot
- 3 Long, A.H. 1948 Brule mapsheet, Geological Survey of Canada Map 905A Scale 1:50,000 Outline identified on 18 on G15 plot
- 4 Morgan, J. Entrance/Pinto Creek Evaluation 1985-87, Esso Resources Canada Limited - Coal Division, contains 1:50,000 topographic map showing lines of seam outcrop. Outline identified as 2 on G15 plot
- 5 Peach, A.E. Entrance - 1981 Exploration Report, Esso Resources Canada Limited - Coal Division, contains 1:50,000 topographic map showing lines of seam outcrop. Outline identified as 3 on G15 plot
- 6 Peach, A.E. 1979-18 Proposed Exploration Program on Entrance Coal Property, Esso Resources Canada - Coal Department, Outline identified as 5 on G15 plot
- 7 Peach, A.E. 1978-80-21 Entrance - Proposed Exploration Esso Minerals Canada - Coal Department, Outline identified as 6 on G15 plot
- 8 Leach, C.L. 1977-80 Brule Lake Coal Project from Esso Resources Canada Limited - Coal Division File, Outline identified as 7 on G15 plot
- 9 Leach, C.L. 1981-12-31 Coal Exploration Program Brule, Esso Resources Canada Limited, File of Application from ERCB Records Center, Outline identified as 8 on G15 plot
- 10 Peach, A.E. 1983-12-28 Coal Exploration Application for Deep Drill Permit Hinton West - 84 Program, ERCB Application No. 840015, File of Application obtained from ERCB Records Center, Outline identified as 9 on G15 plot
- 11 Denison Mines Limited - Denison Mines Limited 1983-04-20 Coal Exploration Application for Wilby (1983) Project, ERCB Application No. 830370, File of Application from ERCB Records Center, Application contains geological maps, Outline identified as 10 on G15 plot
- 12 Denison Mines Limited 1985-05-26 Coal Exploration Application for the Wilby Area, ERCB Application No. 820524, File of Application from ERCB Records Center, Outline identified as 11 on G15 plot
- 13 Denison Mines Limited - Denison Mines Limited 1982-08 Wilby Project Geological Report, Report contains 1:250,000 geological maps, Outline identified as 11 on G15 plot
- 14 Denison Resources Limited - Denison Mines Limited 1982-08 Coalour Feasibility Study - Volume 2 - Geology, Report contains reduced regional map, approximate scale of reduced map 1:50,000, Outline identified as 12 on G15 plot
- 15 Goodley, M. 1979-80 Bighorn Project-Geological Evaluation, Union Oil Company of Canada Limited - Mineral Department, Report contains 1:250,000 detailed regional geological maps, Outline identified as 14 on G15 plot

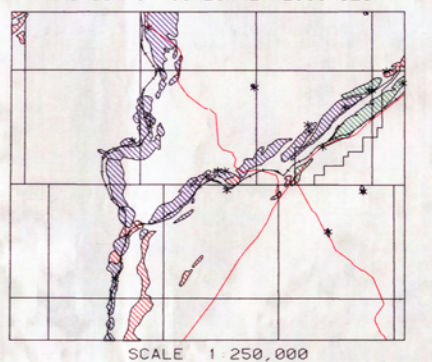
1 Industry cooperation and support emphasized by sharing of knowledge unpublished reports on file in the Alberta Geological Survey

REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5 COAL DISPOSITIONS



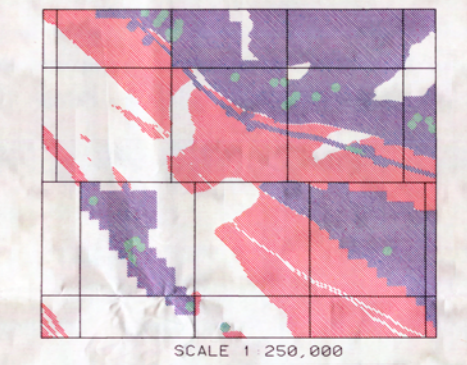
- COAL LEASE
- COAL LEASE APPLICATION
- COAL LEASE, AREA WITH REGISTERED RIGHT OF 1ST REFUSAL

REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5 AGGREGATE RESOURCES



- ACTIVE OR INACTIVE PIT
- SAND
- GRAVEL
- SANDY GRAVEL & GRAVELLY SAND

REGIONAL COAL MAPPING - ENTRANCE NTS 83F/5 COAL DEVELOPMENT POTENTIAL*



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

* Coal Development Potential is a semi-quantitative and subjective assessment of the potential of coal development based on limited data

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DATE MAY 3, 1990
ALBERTA RESEARCH COUNCIL MAP RCM4

RELIABILITY AND USE
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ALBERTA RESEARCH COUNCIL
COAL GEOLOGY SECTION
ALBERTA GEOLOGICAL SURVEY