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ALBERTA GEOLOGICAL SURVEY

Research Council.

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NTS 83E/15 R.J.H. RICHARDSON, W. LANGENBERG, D.K. CHAO, D. FIETZ SCALE 1:50,000 54.0 118.5 REGIONAL COAL MAPPING - PIERRE GREYS LAKES NTS 83E/15 54.0 119.0 REGIONAL COAL MAPPING - PIERRE GREYS LAKES COAL EXPLORATION DATA INFORMATION NTS 83E/15 COAL DISPOSITIONS PETRO-CANADA] SCALE 1:250,000 SCALE 1:250,000 COAL DRILLHOLE, WITH COAL QUALITY COAL DRILLHOLE, NO COAL QUALITY COAL LEASE APPLICATION TRENCH, WITH COAL QUALITY VITRINITE REFLECTANCE VALUES (%) TRENCH, NO COAL QUALITY ENLARGEMENT OF STERNE CREEK AREA COAL OUTCROP, WITH COAL QUALITY COAL OUTCROP, NO COAL QUALITY REGIONAL COAL MAPPING - PIERRE GREYS LAKES NTS 83E/15 INDEX TO SPECIFIC REFERENCE DOCUMENTS SCALE 1 9,000 Note: The above enlargement is included to demonstrate the flexibility of the system; emphasis can be placed on any aspect of the data REGIONAL COAL MAPPING - PIERRE GREYS LAKES NTS 83E/15 COAL DEVELOPMENT POTENTIAL* SCALE 1:250,000 INDEX TO SPECIFIC REFERENCE DOCUMENTS for the MAPSHEET NTS 83E15 Lang, A.H. and Irish, E.J.W. 1951. Pierre Greys Lakes mapsheet. Geological Survey of Canada. Map 996A. Scale 1:63360. Outline identified as 1 on GIS Survey of Canada. Map 990A. Scale 1:03300. Outline Identified as 1 on 613 plot. Union Oil Company of Canada. 1980-10-30. West of Sixth Project. ERCB Coal Application No 800872. Fiche Application from ERCB Records Center. Outlined identified as 2 on GIS plot. 1 Blakeney, R.S. 1981-01. West of Sixth Project - Thermal Coal Acreage-Geological Evaluation Based on 1980 Field Mapping Program. Union Oil Company of Canada Limited. 4 Volumes. Report contains detailed regional geological maps. Scale 1:25000. Outline identified as 3 on GIS plot. 1 Woodley, M.A. 1982-03. West of Sixth Project - Thermal Coal Drill Program-Geological Evaluation. Union Oil Company of Canada Limited. 4 Volumes. Outline identifitied as 4 on GIS plot. 1 Wilton-Clark, H. and Crabb, J.J. 1966-07-07. Report on Coal Properties-Smoky River Area, Alberta. Report prepared for Pacific Petroleums Ltd, Calgary, Alberta. Outline identified as 5 on GIS plot. 1 Bell, D.E. 1978. 1978 Coal Geological Work, Grande Cache, Alberta. Report prepared for Pacific Petroleums Ltd., Calgary, Alberta. Report contains 1:20000 regional geological map. Outline identified as 6 on GIS plot. 7. 1 McCandlish, K. 1981-01. West of 6th Project - Sterne Creek, Grande Mountain and Grizzly Creek Metallurgical Coal Prospects - Preliminary Geological Evaluation - 1980 Field Programme. Mining Department - Union Oil Company of Canada Limited. Outline identified as 7 on GIS plot. 8. 1 David E. Pearson and Associates Ltd. Prepared of Union Oil Company of Canada Limited. 1982-12. Report on 1982 Program Sterne Creek Project. 2 Volumes. Report contains 1:12500 geological maps (3) and cross-sections (7). Outline identified as 8 on GIS plot. 9. 1 David E. Pearson and Associate Ltd. Prepared for Union Oil Company of * Coal Development Potential is a semiquantitative and subjective HIGH POTENTIAL evaluation of the potential of coal development based on limited data. MEDIUM POTENTIAL 9. 1 David E. Pearson and Associate Ltd. Prepared for Union Oil Company of Canada Limited. 1982-11. Petrography of Sterne Creek Trench Samples. Outline identified as 9 on GIS plot. 10. 1 David E. Pearson and Associate Ltd. Prepared for Union Oil Company of Canada Limited. 1982-08. Reflectance Data for Sterne Creek Coals. Outline identified as 10 on GIS plot. LOW POTENTIAL 53.75 118.5 53.75 119.0 1 Industry cooperation and support exemplified by sharing of knowledge. unpublished corporate reports on-loan to the Alberta Geological Survey. 1:50,000 LEGEND NO DATA AVAILABLE LUSCAR FORMATION DRILLHOLE, CONSOLIDATION COAL CO. OF CAN. [1.68] COAL OUTCROP LOCATION FAULT (ASSUMED) (COAL INTÉRSECTED) & REFLECTANCE VALUE (%) COAL SEAM 10 IDRILLHOLE, CONSOLIDATION COAL CO. OF CAN PASKAPOO FORMATION CADOMIN FORMATION (NO COAL INTERSECTED) DORILLHOLE, MANALTA COAL LTD (COAL INTERSECTED) COAL SEAM 4 COALSPUR FORMATION E.R.C.B. COAL FIELD OUTLINE DRILLHOLE, MANALTA COAL LTD (NO COAL INTERSECTED) ROAD & TRAIL COAL SEAM 3 COAL VALLEY COAL ZONE OIL & GAS LOCATION (CAPPED) DRILLHOLE, UNION OIL CO. OF CAN. LTD. (COAL INTERSECTED) HIGHWAY 40 OIL & GAS LOCATION (ABANDONED) COAL ZONE (ASSUMED) BRAZEAU FORMATION IMAGE NAME MARCH 31, 1990 ALBERTA RESEARCH MAP RCM2 RAILWAY FAULT (DEFINED) BRAZEAU FORMATION COAL ZONE OIL & GAS LOCATION (SUSPENDED) RELIABILITY AND USE Information contained on this map sheet has been derived from a large number of different sources, scales, and formats (digital and hard copy). FAULT (APPROXIMATE) Every attempt has been made to REFLECTANCE VALUE (%) accurately portray the data; however, FUNDING this map is intended to provide a basic compilation and overview of Funds for this project have been provided by The Alberta Office Of Coal Research and Technology, Coal Resources, for more specific informational needs please contact the Head, Coal Geology Section,

REGIONAL COAL MAPPING - PIERRE GREYS LAKES