

orange weathering siliceous nodular siltstones. Conglomerate beds tend to be laterally discontinuous.

KLAPPAN SEQUENCE (main coal-bearing unit)

are abundant and belemnites are rare.

SPATSIZI SEQUENCE

Thick clean sandstone beds and thin coal seams increase in abundance towards the basal gradational contact. Sequence can contain petrified wood and plant fossils. Bivalves are rare.

Sequence of fine to coarse grained sandstones interbedded with mudstones, siltstones, occasional thin

Predominantly a marine sequence comprised of beds of mudstones, siltstones and lesser amounts of sandstones and conglomerates. The upper contact is defined as the first occurrence of a non-marine bed. Discontinuous massive conglomerate beds lie in the upper portion of the sequence. Bivalves

bands of orange weathering calcareous siltstones, conglomerates and abundant coal seams. Conglomerate beds grade laterally into sandstone. Sandstones often display tabular or trough cross-bedding. Several species of pelecypods and plants are common. Belemnites and ammonites are rare.

GR Mount Klappan 84(2)A **GULF CANADA RÉSOURCES INC.** Gulf **Coal Division** CALGARY ALBERTA MT. KLAPPAN COAL PROPERTY 1984 GEOLOGY MAP

LOST-FOX AREA MAP H-9 SCALE 1:5000

PREPARED BY: J.T. APPROVED BY: V.L.D. DATE: JAN. 1985 DWG. No. KPN84LF-62

PROJECTION) MEASURED SECTION

DIAMOND, ROTARY, WINKIE DRILL HOLE (VERTICAL, INCLINED WITH SURFACE

BEDDING (HORIZONTAL, INCLINED, OVERTURNED, VERTICAL, UPRIGHT, ESTIMATED)

THRUST FAULT (DEFINED, APPROXIMATE) TEETH INDICATE UPTHRUST SIDE

FAULT (DEFINED, APPROXIMATE) SHOWING RELATIVE MOVEMENT

FOLIATIONS (INCLINED, VERTICAL, HORIZONTAL)

JOINTS (INCLINED, VERTICAL, HORIZONTAL)

FAULT (DEFINED, APPROXIMATE) UPTHROWN, DOWNTHROWN SIDE

ADIT TRENCH COAL SPOIL

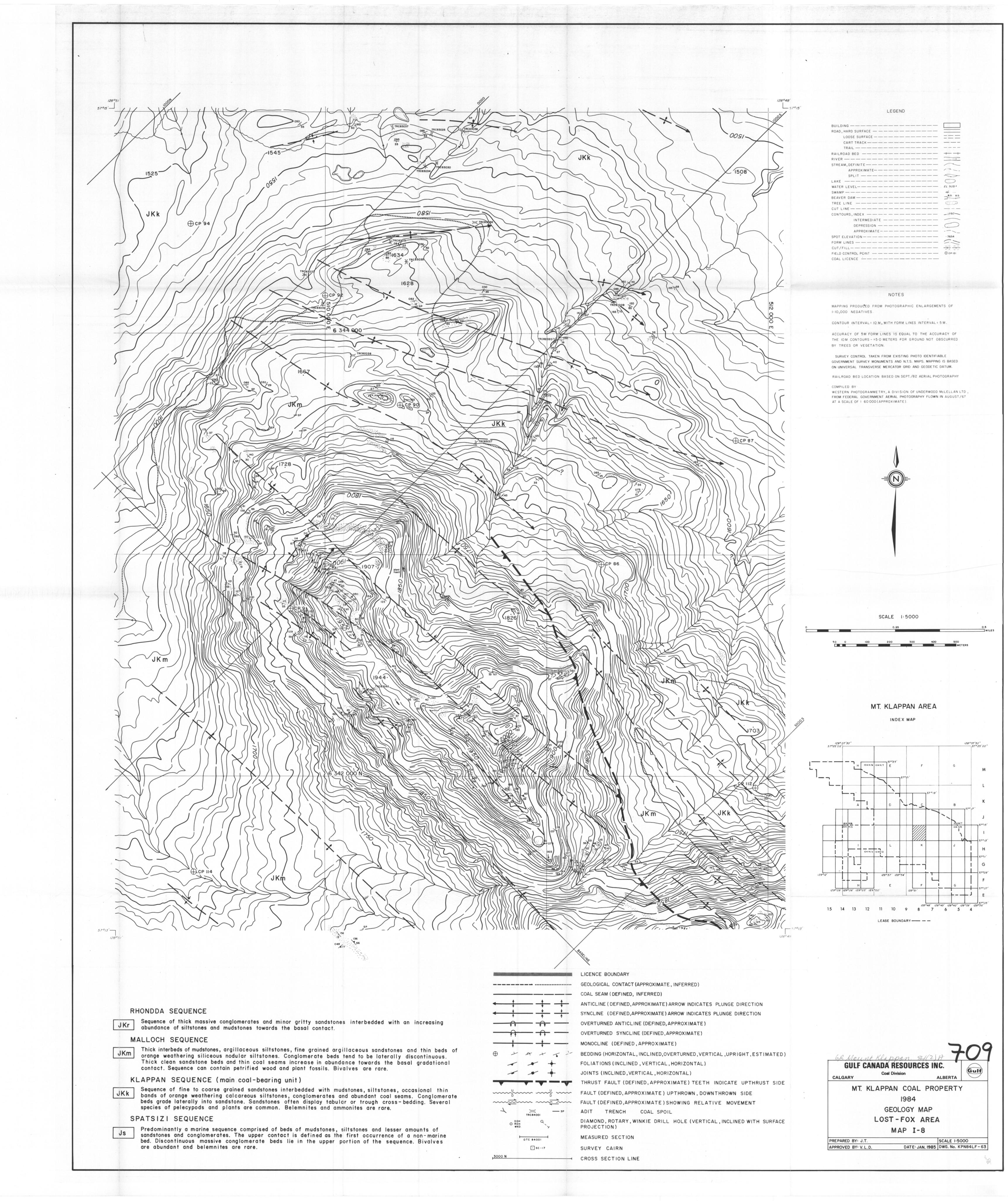
SURVEY CAIRN CROSS SECTION LINE

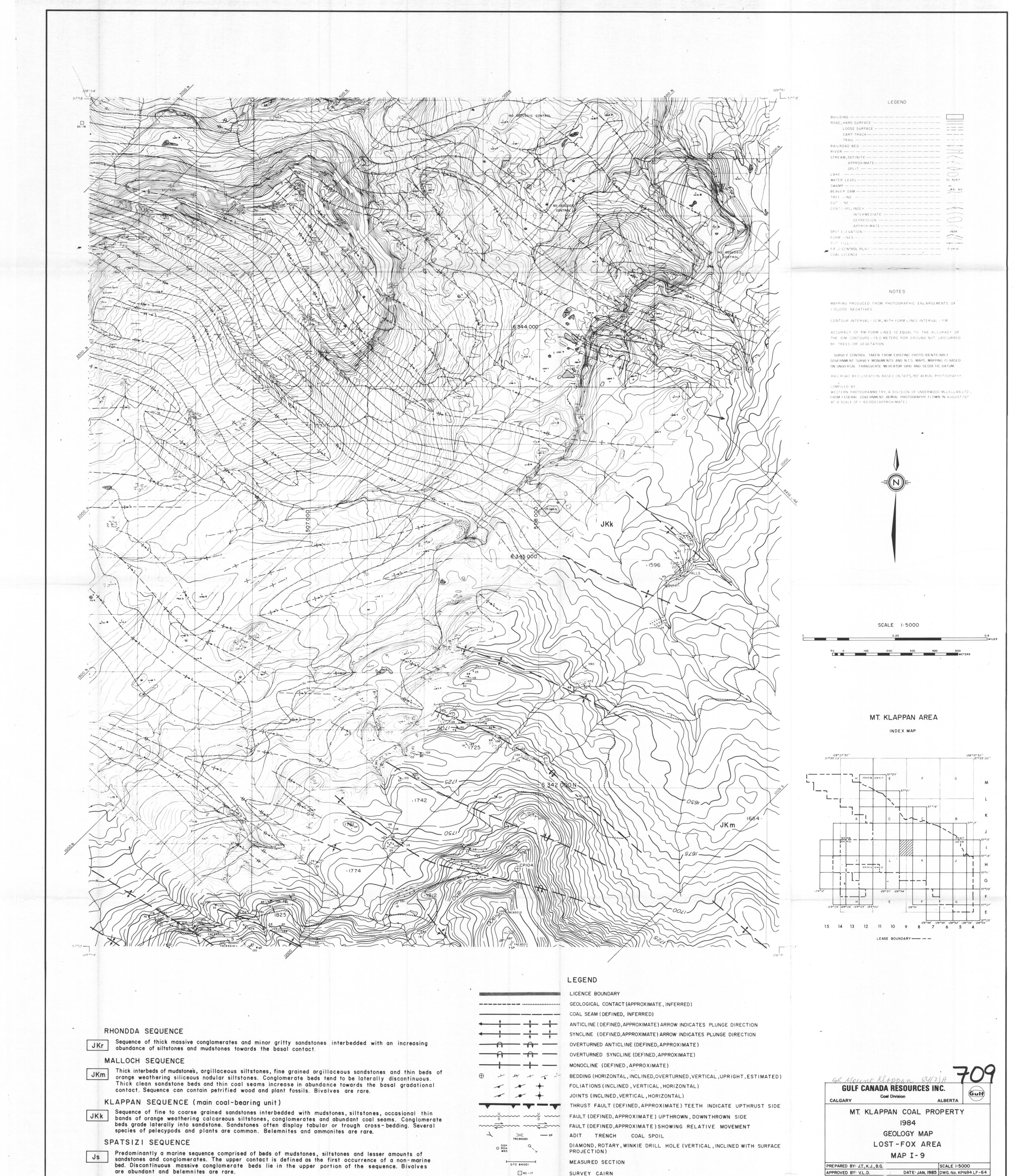
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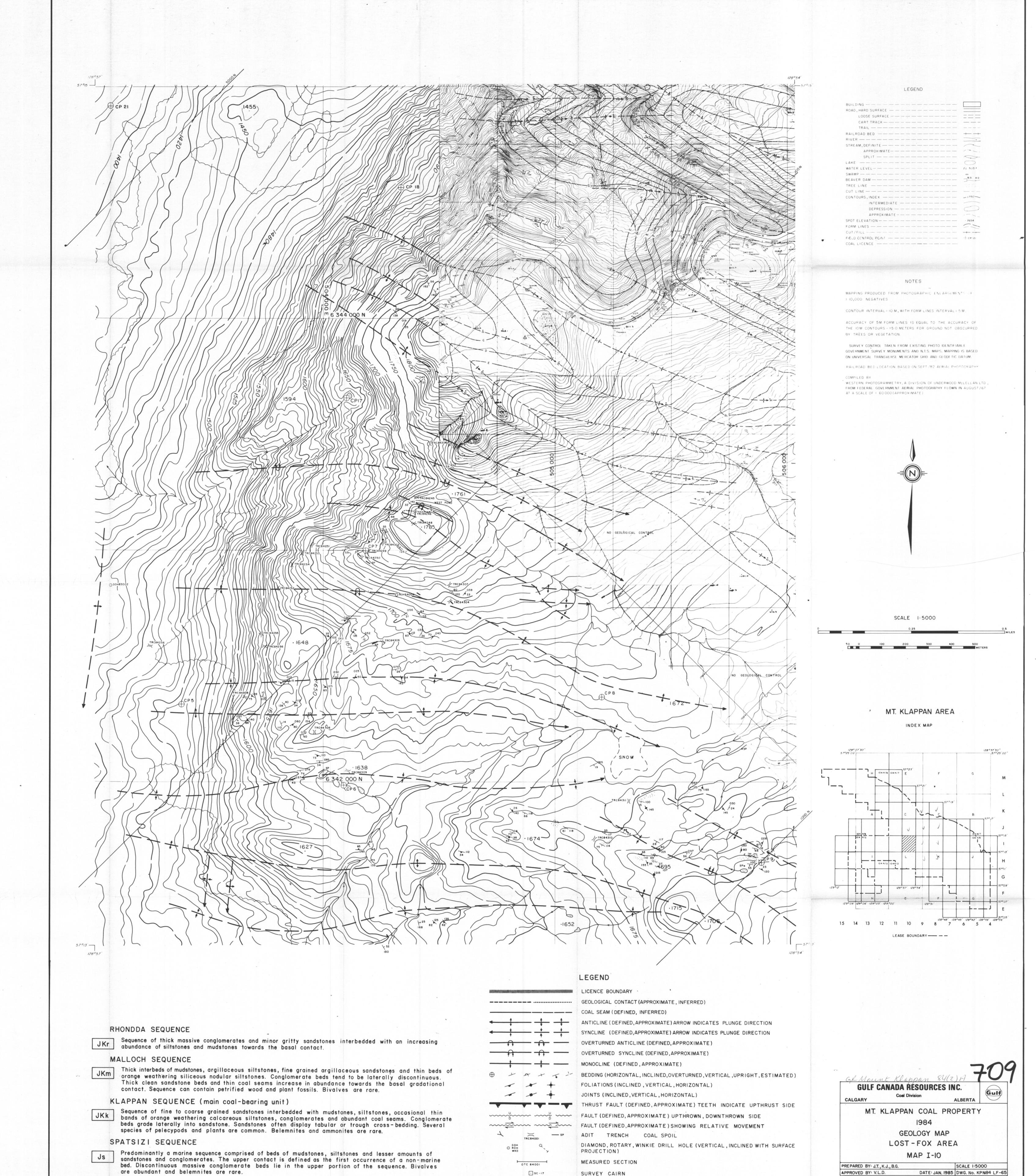
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CROSS SECTION LINE

2



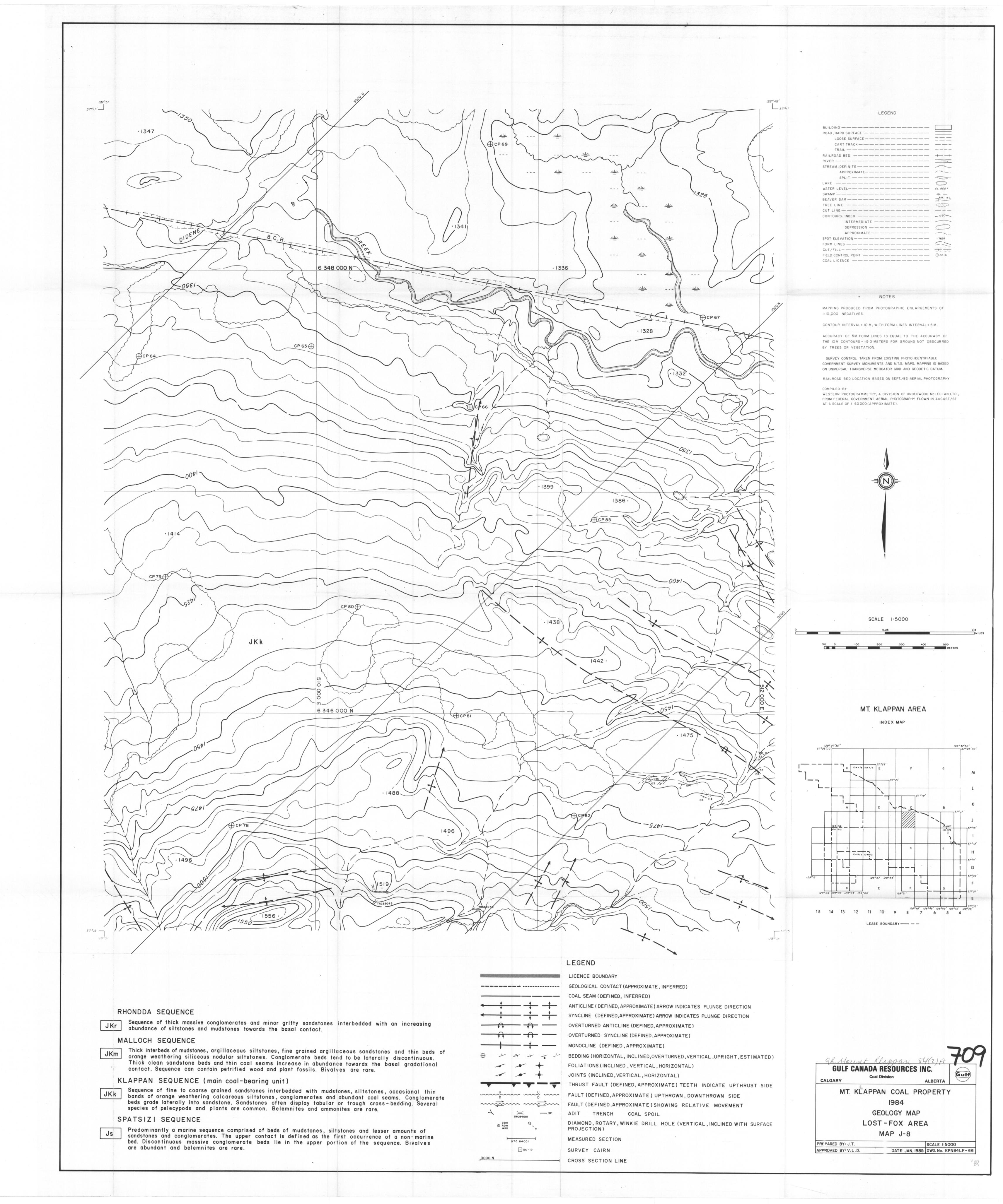
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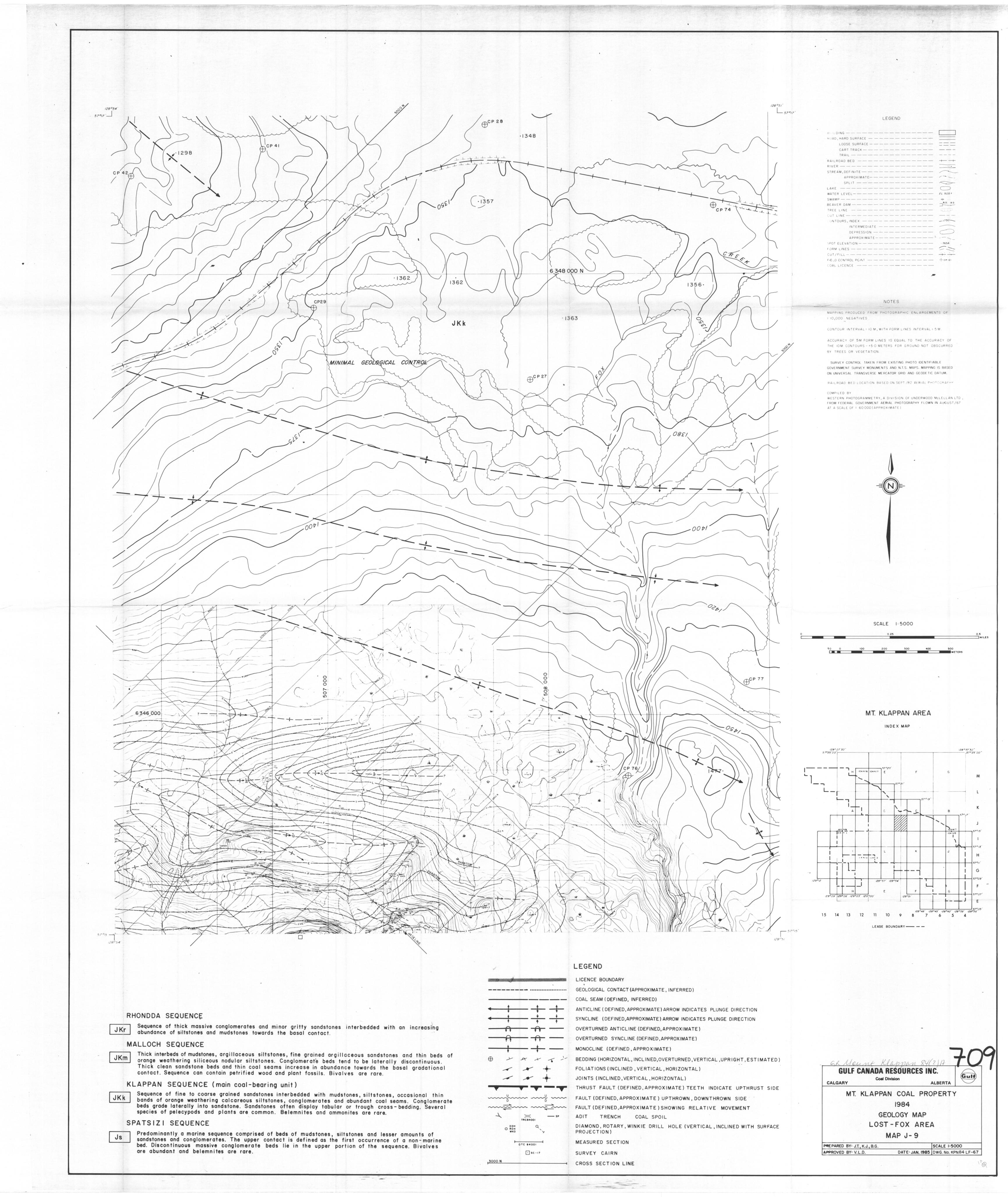
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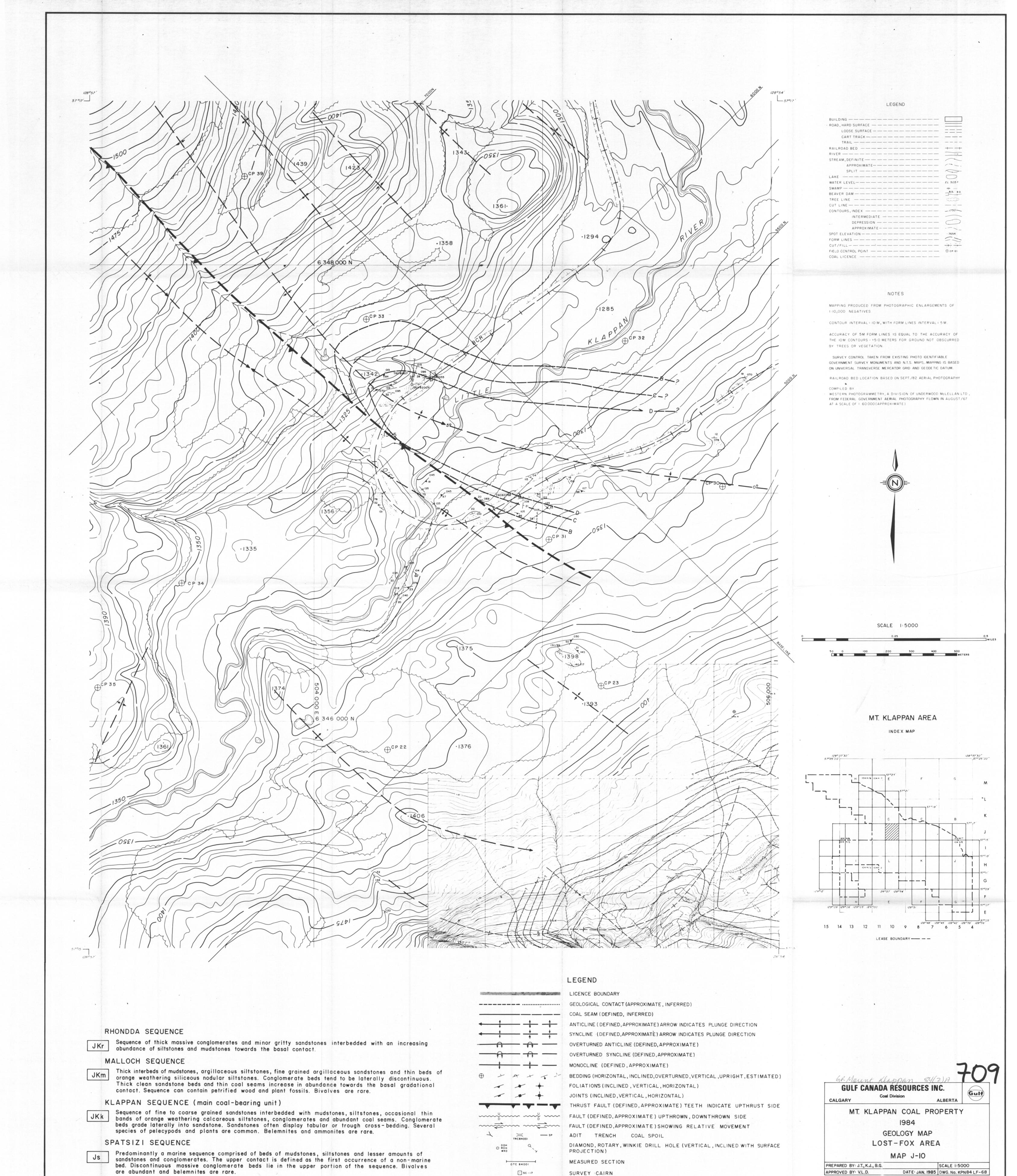
CROSS SECTION LINE

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CROSS SECTION LINE

(3)