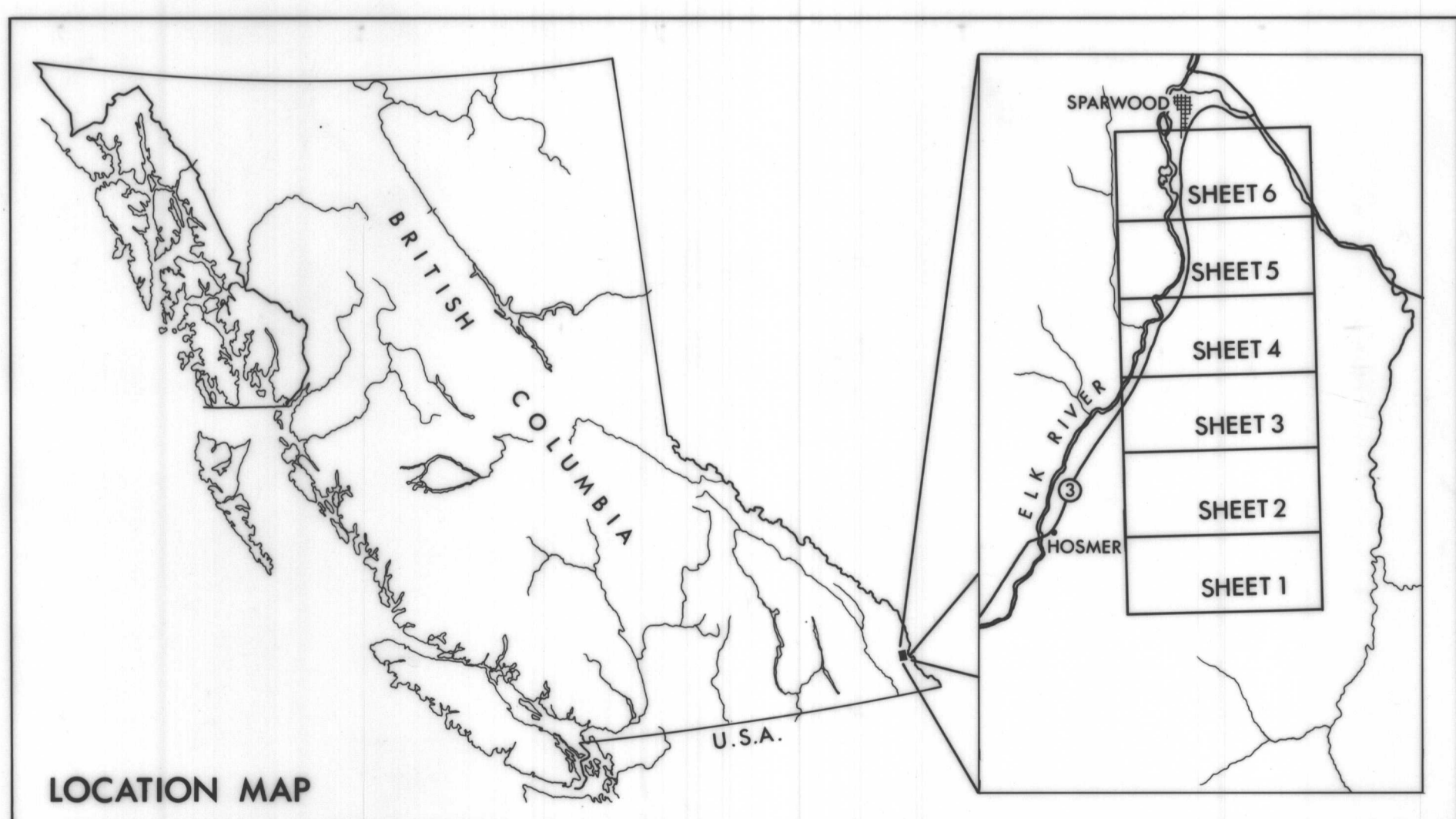




Province of British Columbia
Ministry of Mines and Petroleum Resources



SHEET 1



LOCATION MAP

PRELIMINARY MAP 24
APRIL 1977

GEOLOGY OF CROWNEST COALFIELD NORTHWEST PART



SCALE - METRES

1 : 10 000

GEOLOGY BY

DAVID E. PEARSON

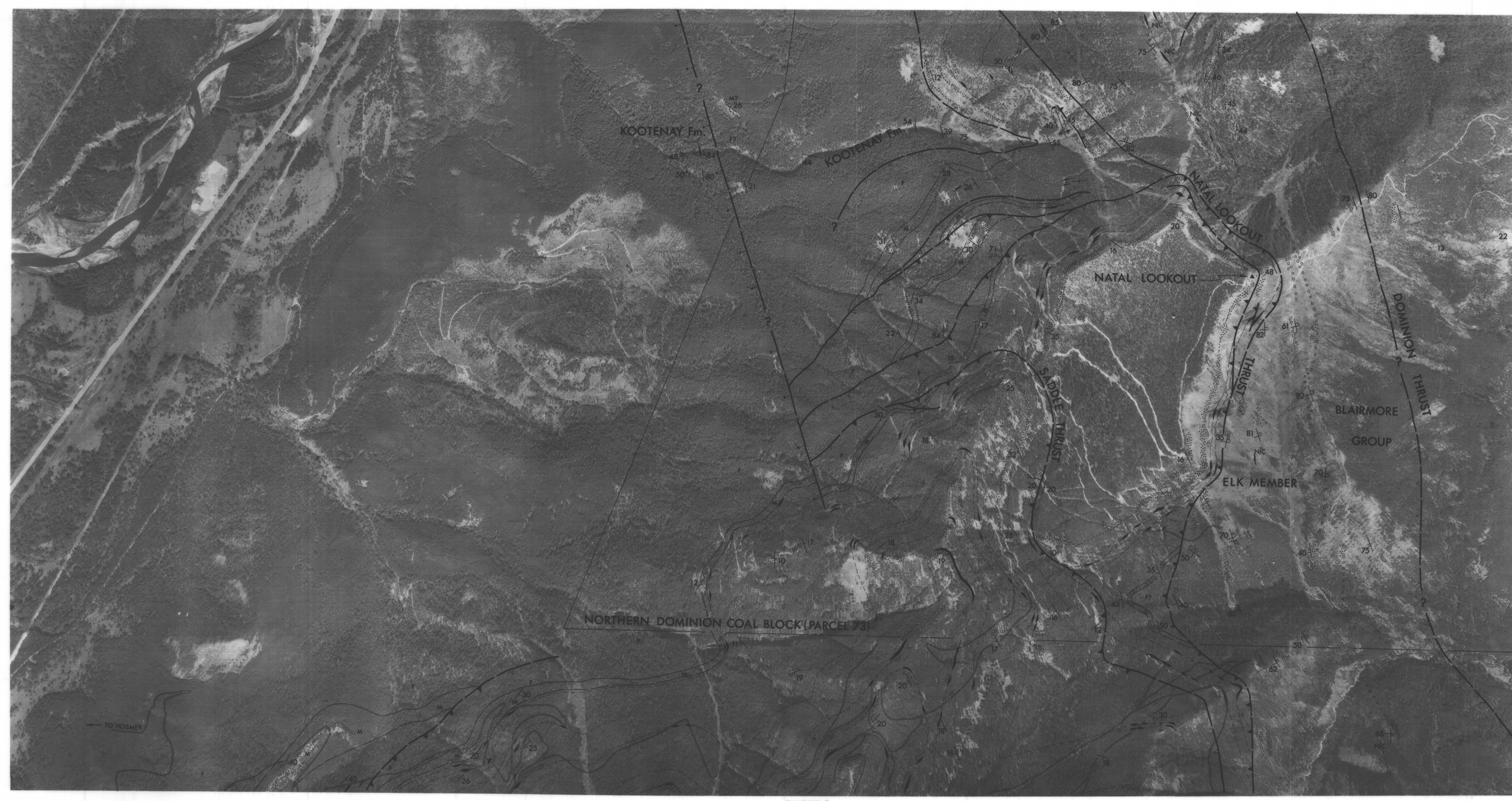
FRANK GIGLIOTTI

DAVID A. GRIEVE

ORTHOPHOTO PRODUCED BY
MAP PRODUCTION DIVISION
MINISTRY OF THE ENVIRONMENT
VICTORIA

SYMBOLS

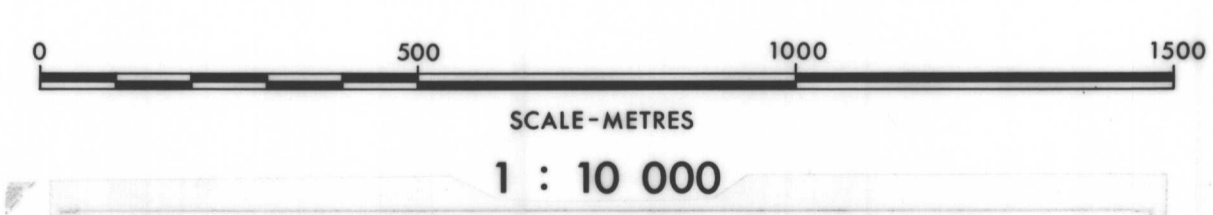
MOOSE MOUNTAIN SANDSTONE : UPPER CONTACT , BASAL CONTACT		M
COAL SEAM ; EXPOSED , ASSUMED		
NEEDLE COAL IN ELK MEMBER		N/C
CONGLOMERATE ; EXPOSED , ASSUMED		
SANDSTONE ; EXPOSED , ASSUMED		
THRUST FAULT ; APPROXIMATE , ASSUMED (teeth on upthrust plate)		
FAULT ; APPROXIMATE , ASSUMED (bar on downthrown side)		
BEDDING ; TOPS KNOWN , TOPS UNKNOWN		
VERTICAL BEDDING		
OVERTURNED BEDDING		
EXPLORATION ROAD		
ANTICLINE		
SYNCLINE		
FERNIE FORMATION		F



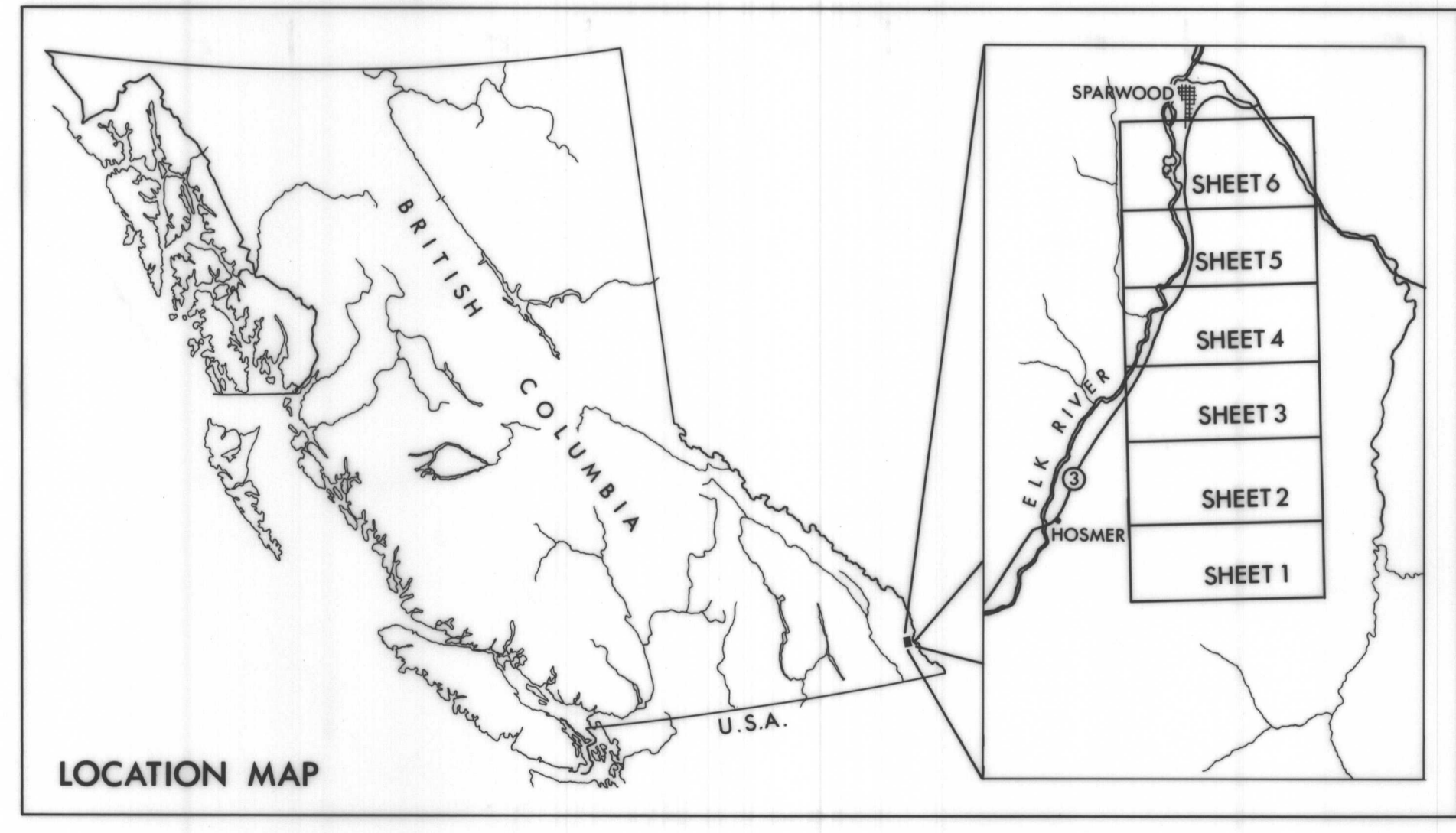
SHEET 3

PRELIMINARY MAP 24
APRIL 1977

GEOLOGY OF CROWSNEST COALFIELD NORTHWEST PART

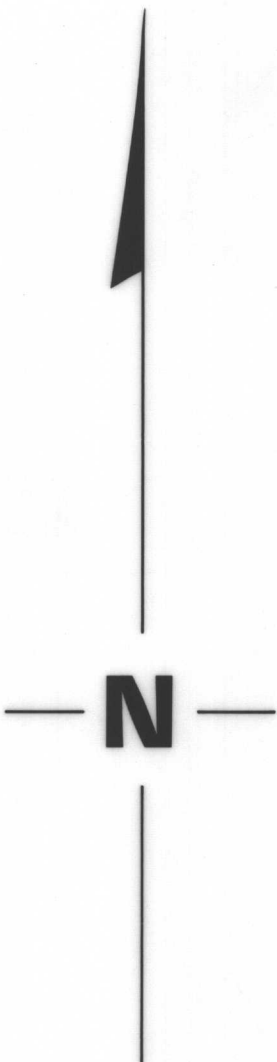


GEOLOGICAL MAPPING BY
NEIL OLLERENSHAW
GEOLOGICAL SURVEY
OF CANADA
1975-76
DAVID E PEARSON
FRANK GIGLIOTTI
DAVID A GRIEVE
BRITISH COLUMBIA MINISTRY
OF MINES AND PETROLEUM
RESOURCES
1976
ORTHO PHOTO BY MAP PRODUCTION DIVISION
MINISTRY OF THE ENVIRONMENT
VICTORIA

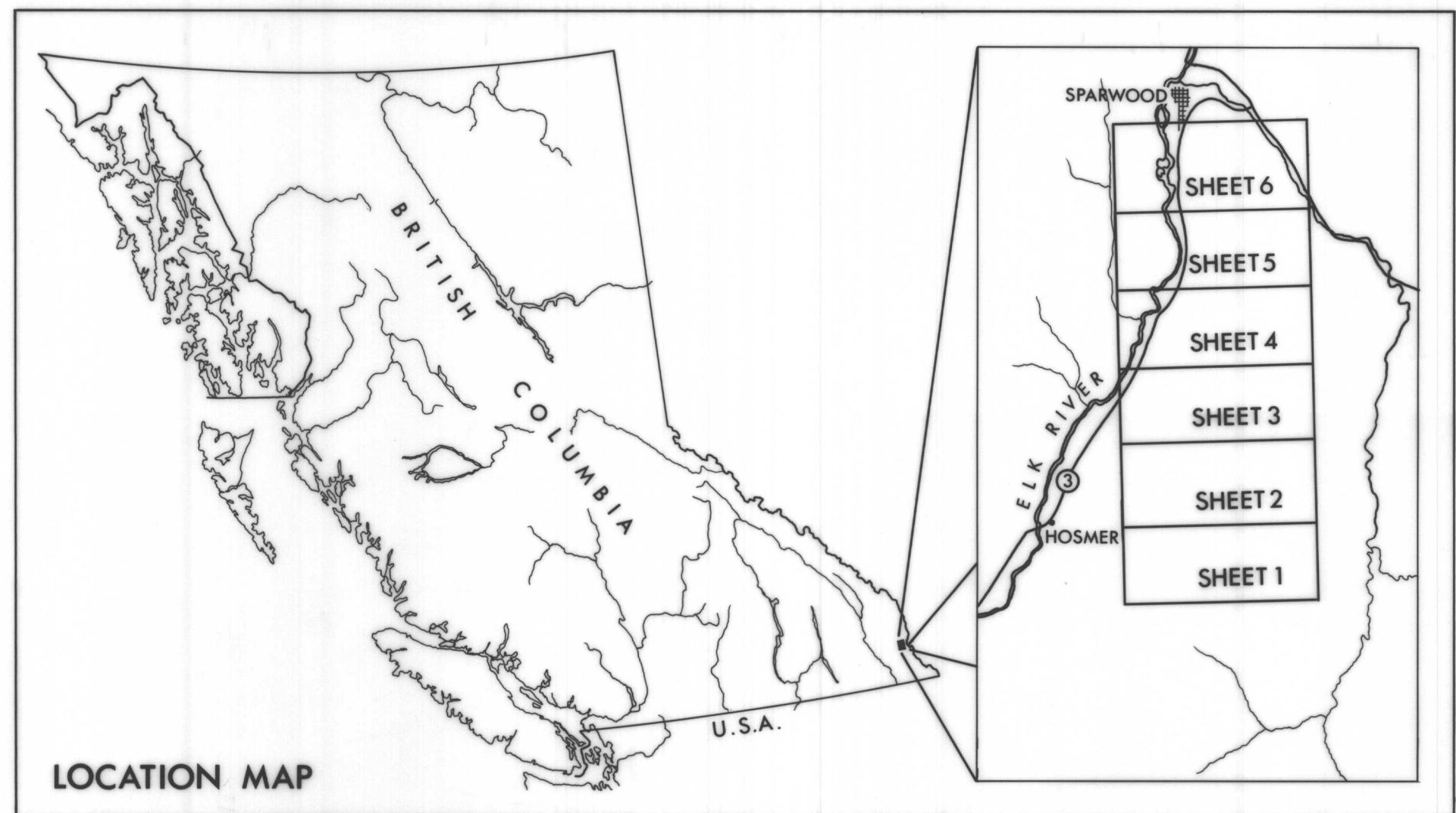


LOCATION MAP

SYMBOLS	
MOOSE MOUNTAIN SANDSTONE ; UPPER CONTACT , BASAL CONTACT	
COAL SEAM ; EXPOSED , ASSUMED	
NEEDLE COAL IN ELK MEMBER	
CONGLOMERATE ; EXPOSED , ASSUMED	
SANDSTONE ; EXPOSED , ASSUMED	
THRUST FAULT ; APPROXIMATE , ASSUMED (teeth on upthrust plate)	
FAULT ; APPROXIMATE , ASSUMED (bar on downthrown side)	
BEDDING ; TOPS KNOWN , TOPS UNKNOWN	
VERTICAL BEDDING	
OVERTURNED BEDDING	
EXPLORATION ROAD	
ANTICLINE	
SYNCLINE	
FERNIE FORMATION	



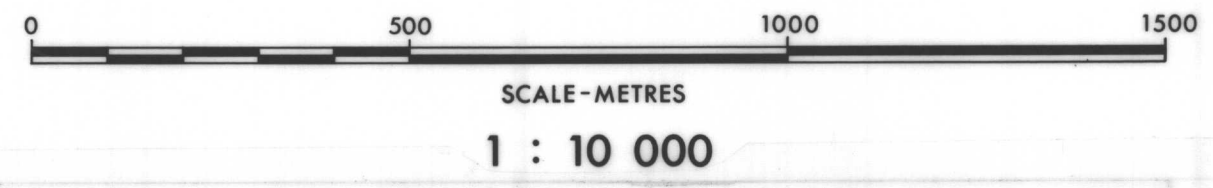
SHEET 4



LOCATION MAP

PRELIMINARY MAP 24
APRIL 1977

GEOLOGY OF CROWSNEST COALFIELD NORTHWEST PART



GEOLOGICAL MAPPING BY

NEIL OLLERENSHAW	DAVID E PEARSON
GEOLOGICAL SURVEY OF CANADA 1975-76	FRANK GIGLIOTTI DAVID A GRIEVE
	BRITISH COLUMBIA MINISTRY OF MINES AND PETROLEUM RESOURCES 1976

ORTHOGRAPH BY MAP PRODUCTION DIVISION
MINISTRY OF THE ENVIRONMENT
VICTORIA

SYMBOLS

MOOSE MOUNTAIN SANDSTONE ; UPPER CONTACT , BASAL CONTACT	
COAL SEAM ; EXPOSED , ASSUMED	
NEEDLE COAL IN ELK MEMBER	
CONGLOMERATE ; EXPOSED , ASSUMED	
SANDSTONE ; EXPOSED , ASSUMED	
THRUST FAULT ; APPROXIMATE , ASSUMED (teeth on upthrust plate)	
FAULT ; APPROXIMATE , ASSUMED (bar on downthrown side)	
BEDDING ; TOPS KNOWN , TOPS UNKNOWN	
VERTICAL BEDDING	
OVERTURNED BEDDING	
EXPLORATION ROAD	
ANTICLINE	
SYNCLINE	
FERNIE FORMATION	



SHEET 5

PRELIMINARY MAP 24
APRIL 1977

**GEOLOGY OF CROWSNEST COALFIELD
NORTHWEST PART**



SCALE - METRES
1 : 10 000

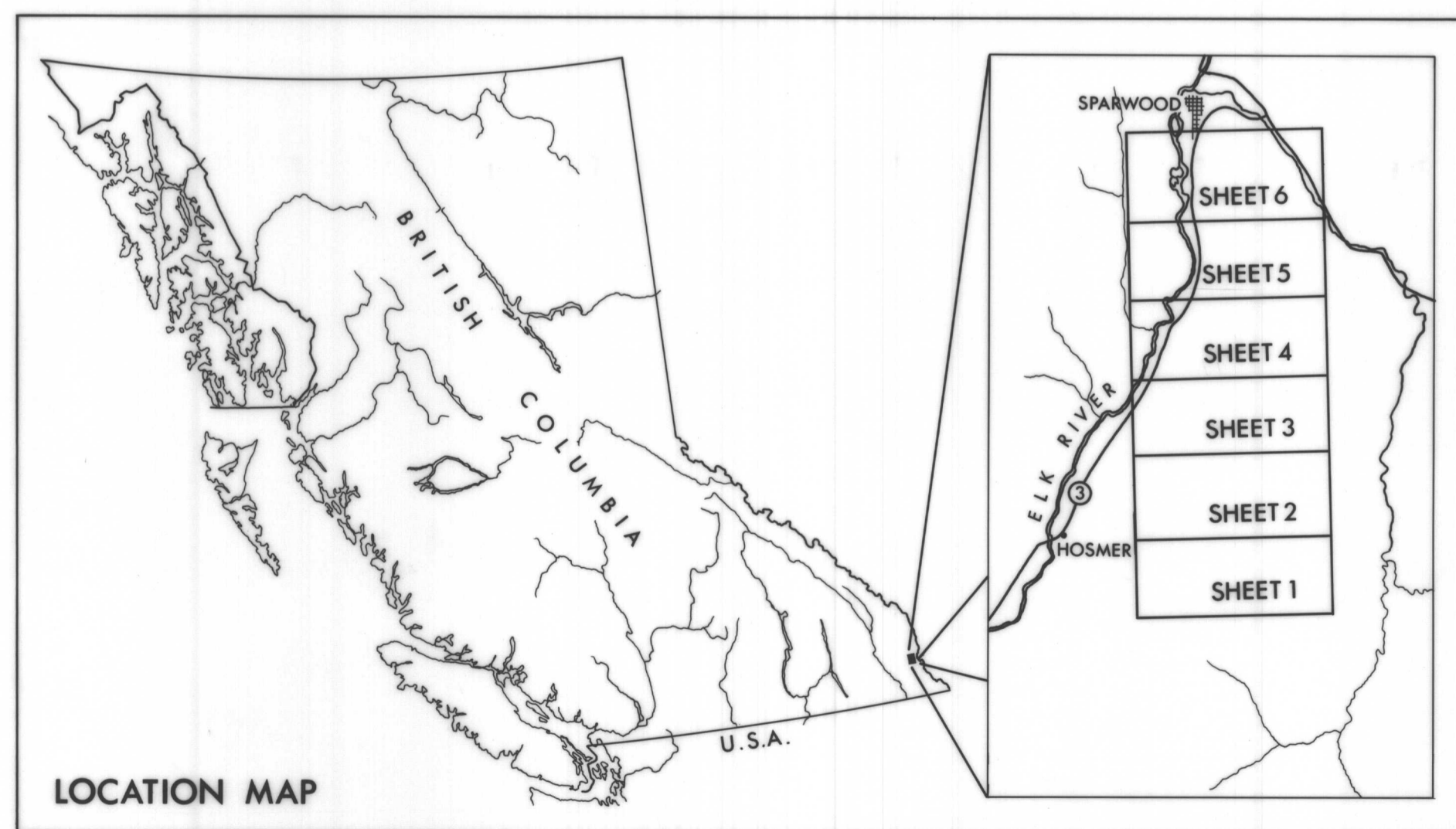
GEOLOGY BY

DAVID E. PEARSON FRANK GIGLIOTTI DAVID A. GRIEVE

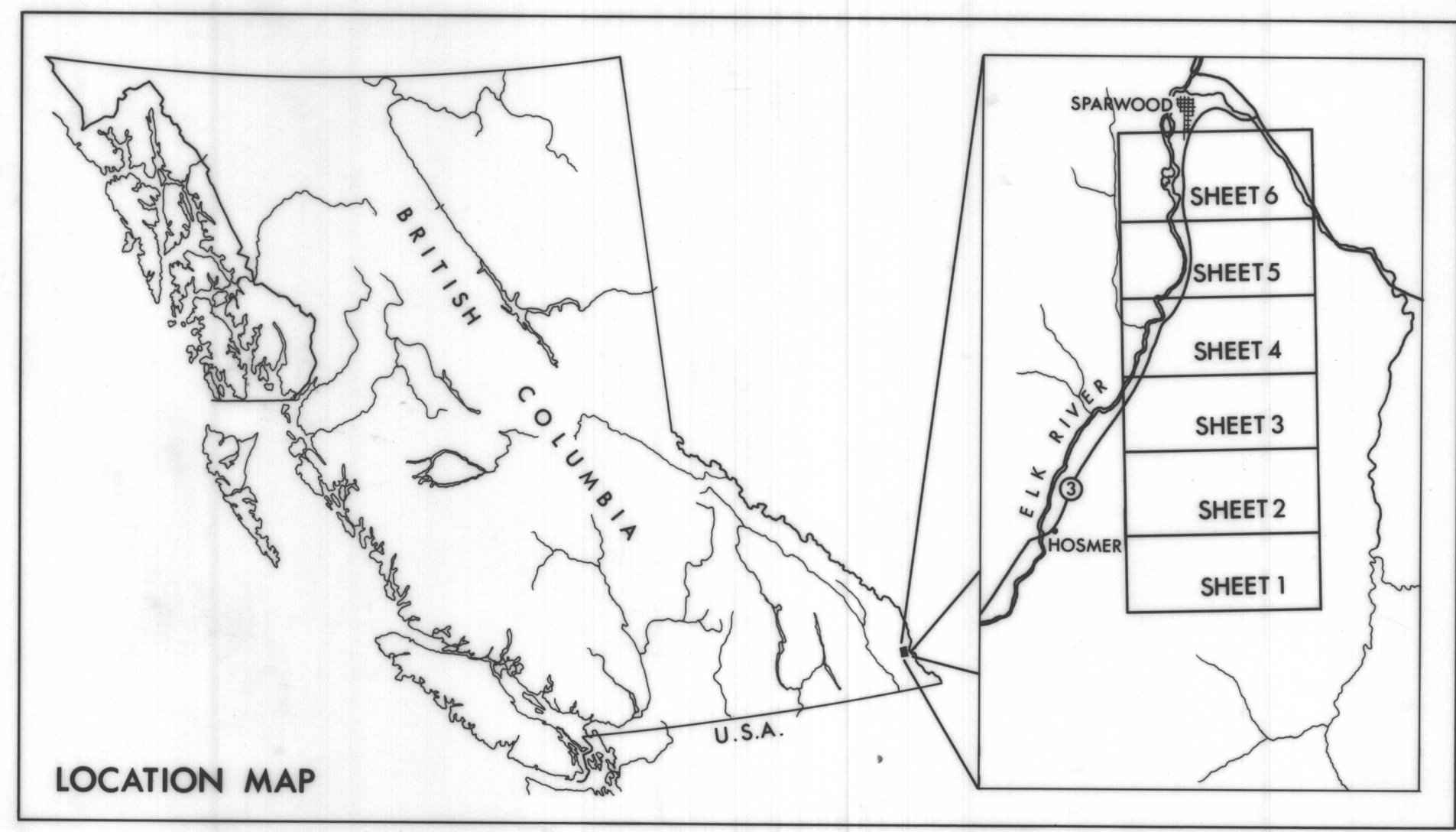
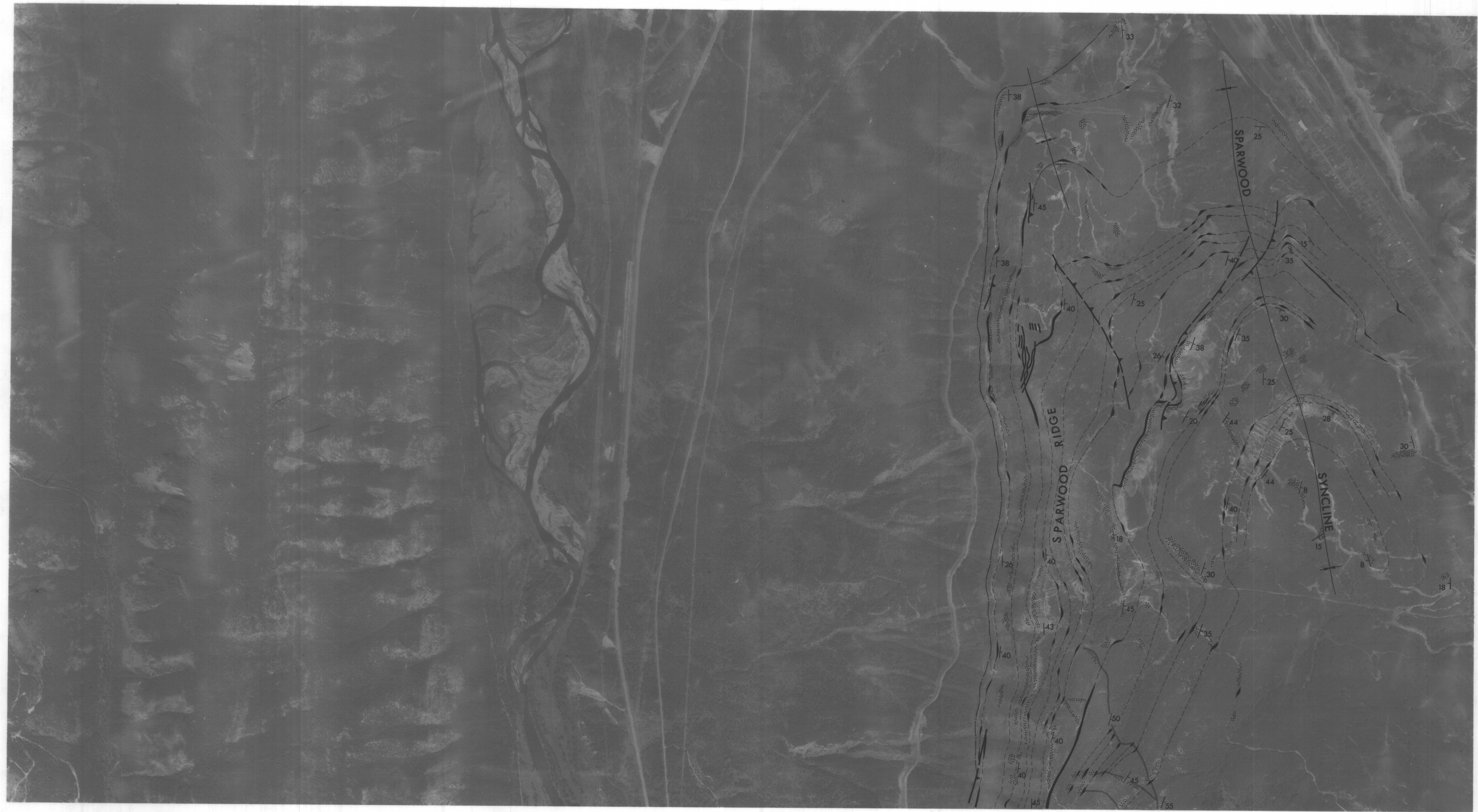
ORTHOGRAPH PRODUCED BY
MAP PRODUCTION DIVISION
MINISTRY OF THE ENVIRONMENT
VICTORIA

SYMBOLS

MOOSE MOUNTAIN SANDSTONE : UPPER CONTACT , BASAL CONTACT		M
COAL SEAM ; EXPOSED , ASSUMED		
NEEDLE COAL IN ELK MEMBER		N/C
CONGLOMERATE ; EXPOSED , ASSUMED		
SANDSTONE ; EXPOSED , ASSUMED		
THRUST FAULT ; APPROXIMATE , ASSUMED (teeth on upthrust plate)		
FAULT ; APPROXIMATE , ASSUMED (bar on downthrown side)		
BEDDING ; TOPS KNOWN , TOPS UNKNOWN		
VERTICAL BEDDING		
OVERTURNED BEDDING		
EXPLORATION ROAD		
ANTICLINE		
SYNCLINE		
FERNIE FORMATION		F

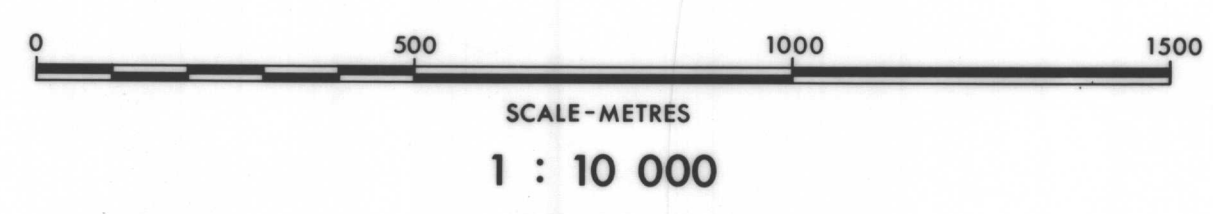


LOCATION MAP



SHEET 6
PRELIMINARY MAP 24
APRIL 1977

GEOLOGY OF CROWSNEST COALFIELD NORTHWEST PART



GEOLOGY BY
DAVID E. PEARSON FRANK GIGLIOTTI DAVID A. GRIEVE

ORTHOPHOTO PRODUCED BY
MAP PRODUCTION DIVISION
MINISTRY OF THE ENVIRONMENT
VICTORIA

SYMBOLS	
MOOSE MOUNTAIN SANDSTONE ; UPPER CONTACT , BASAL CONTACT	M
COAL SEAM ; EXPOSED , ASSUMED	(Symbol)
NEEDLE COAL IN ELK MEMBER	N/C
CONGLOMERATE ; EXPOSED , ASSUMED	(Symbol)
SANDSTONE ; EXPOSED , ASSUMED	(Symbol)
THRUST FAULT ; APPROXIMATE , ASSUMED (teeth on upthrust plate)	(Symbol)
FAULT ; APPROXIMATE , ASSUMED (bar on downthrown side)	(Symbol)
BEDDING ; TOPS KNOWN , TOPS UNKNOWN	(Symbol)
VERTICAL BEDDING	(Symbol)
OVERTURNED BEDDING	(Symbol)
EXPLORATION ROAD	(Symbol)
ANTICLINE	(Symbol)
SYNCLINE	(Symbol)
FERNIE FORMATION	F