

K-  TAYLOR (East & South) 72/61A

RESERVE ESTIMATE CHARTS.

Kaiser Resources Ltd.

~~CONFIDENTIAL~~

GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 444

1 of 2

00444
1/2

AREA: TAYLOR MTN. SOUTH
TABLE No: 77

RESERVE ESTIMATE - (0-1500' COVER)

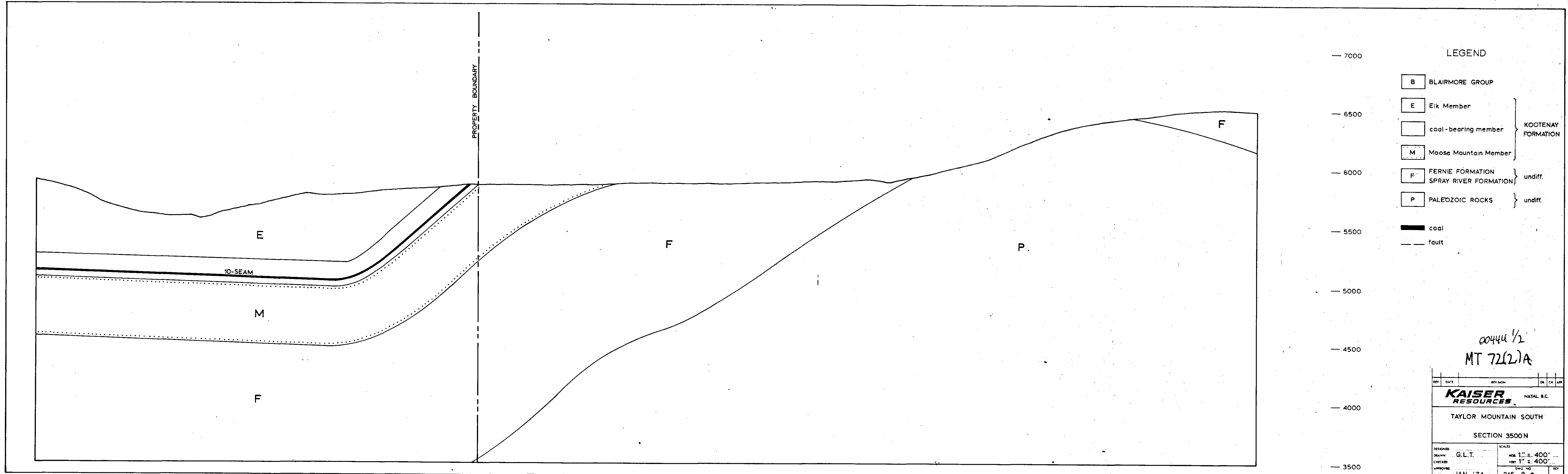
SEAM NAME	AVG. THICK.	PITCH 0-15°							PITCH 15-30°							PITCH 30-90°							CUMULATIVE TOTALS - RECOVERABLE RESERVES									SEAM NAME					
		TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	OPEN PIT MINING			UNDERGROUND CONVENTIONAL			UNDERGROUND HYDRAULIC				TOTALS (000's TONS CLEAN)				
																							PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED						
8	6.9							69	B	C	STRESS																										
9	15.3							2,939	B	C	441																										
10	14.1	4,983	B	C,H	1,422			8,503	B	C,H,O	2,010			6,600	B	H,C	2,450																				
M	14.4							23	B	C	SHALE																										
PROVEN																																					
PART. EXPL'D		4,983			1,422			11,534			2,451			6,600			2,450																				
PROJECTED																																					
TOTALS		4,983			1,422			11,534			2,451			6,600			2,450																				

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
 (2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
 (b) Average thickness as determined from (1)
 (ii) 1 cu. yd. of coal in place = 1.15 net tons raw.
 (iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
 (a) For 0°-15° pitch - correction of 7 1/2° applied to area.
 (b) For 15°-30° pitch - correction of 22 1/2° applied to area.
 (c) For 30°-90° pitch - correction of 45° applied to area.

(3) Reserve Classification - Definitions for KRL property.
 A - Proven Reserves - (In Place) -
 Tons of coal (1.15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0.5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
 B - Partially Explored Reserves - (In Place) -
 Tons of coal (1.15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0.5 to 1.5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
 C - Projected Reserves - (In Place) -
 Tons of coal (1.15 nt/cu.yd.) in the ground where little direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method -
 H - Probably better suited to hydraulic mining method. Used 50% recovery.
 C - Probably suited to conventional room and pillar method. Used 15% recovery.
 R - Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
 O - Open Pit reserve. Assumed 85% recovery.
 (5) Reserves Recoverable -
 Proven Reserves (Recoverable) -
 Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
 Partially Explored Reserves (Recoverable) -
 Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.



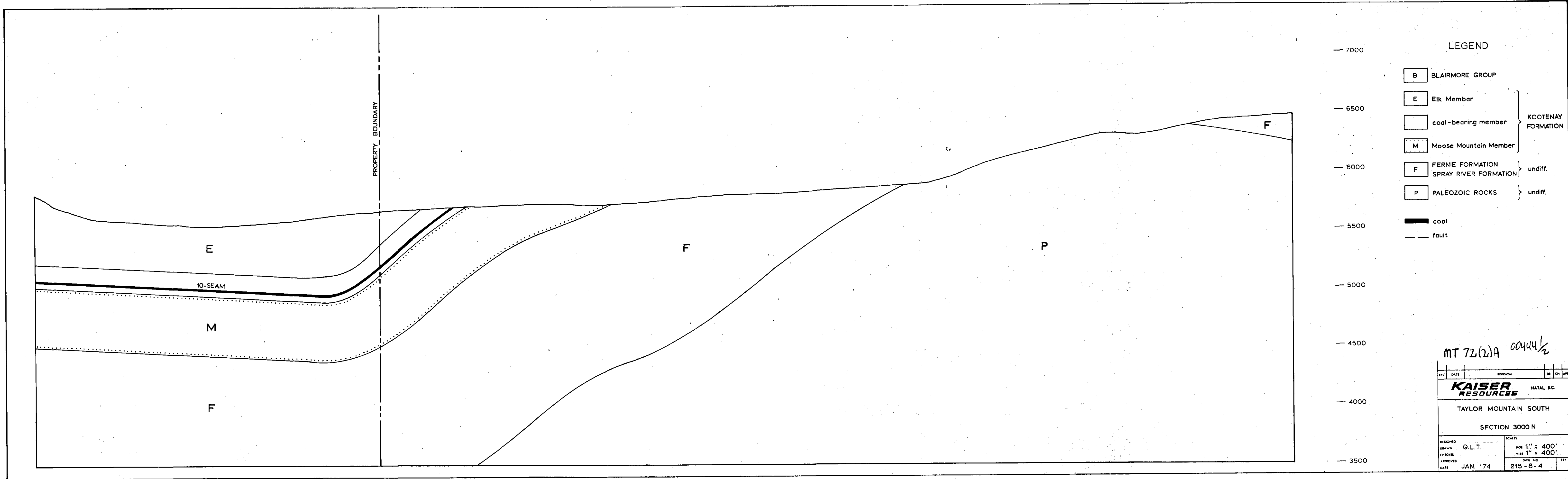
LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

7000
6500
6000
5500
5000
4500
4000
3500

0044 1/2
MT 72(2)A

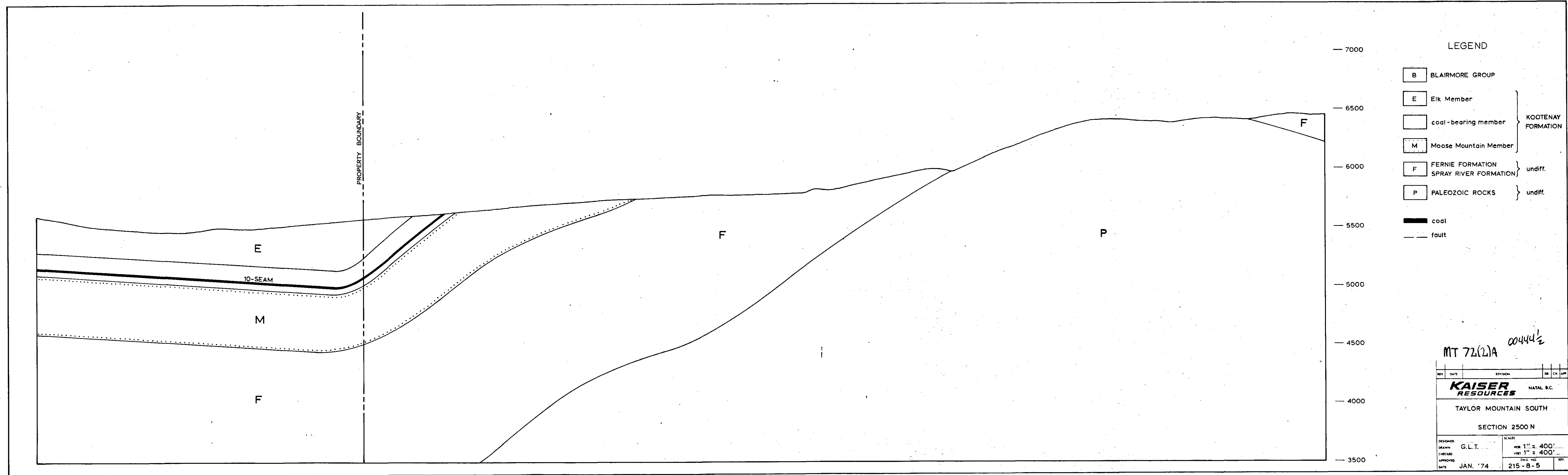
REV	DATE	REVISION	DR.	CH	APP.
KAISER RESOURCES NATAL. B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 3500N					
DESIGNED	G.L.T.		SCALES		
CHECKED			HOR. 1" = 400'		
APPROVED			VERT. 1" = 400'		
DATE	JAN. '74		DWG. NO.		REV.
			215-8-3		



- 7000
- 6500
- 6000
- 5500
- 5000
- 4500
- 4000
- 3500
- LEGEND**
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

MT 72(2)A 00444 1/2

REV	DATE	REVISION	DR	CH	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 3000 N					
DESIGNED	G.L.T.		SCALES		
DRAWN			HOR 1" = 400'		
CHECKED			VERT 1" = 400'		
APPROVED			DWG. NO.		
DATE	JAN. '74		215-8-4		

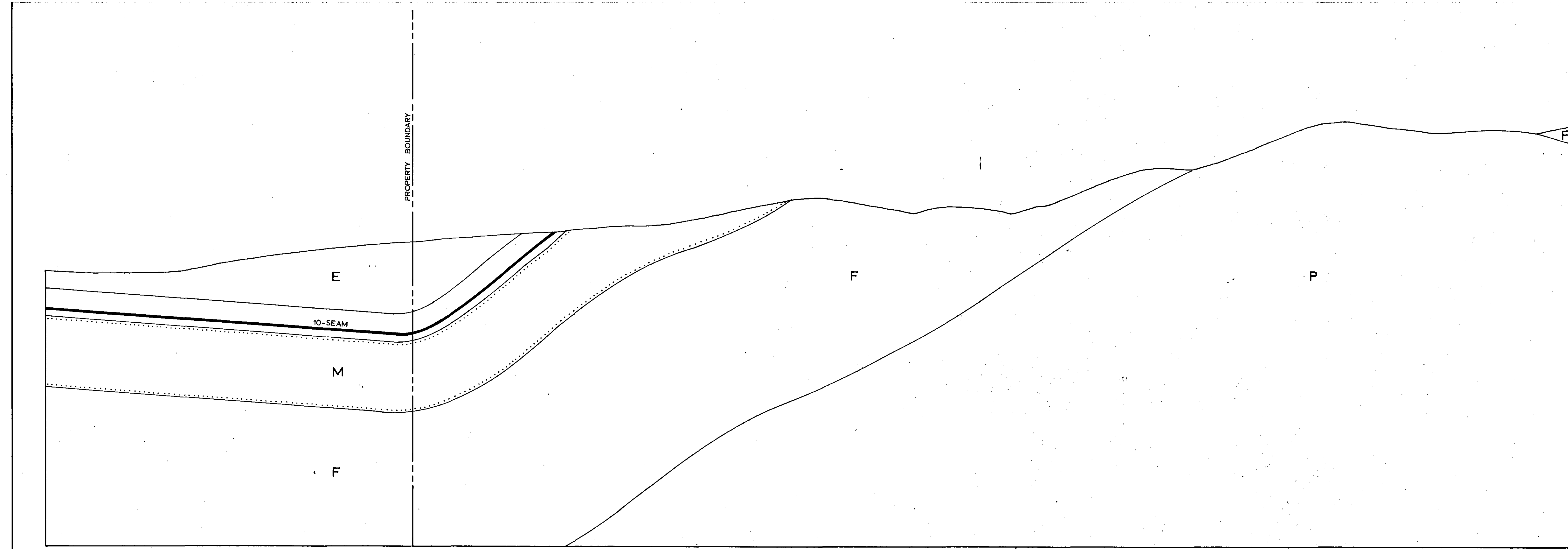


LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

MT 72(2)A 00444 1/2

REV	DATE	REVISION	DR	CK	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 2500 N					
DESIGNED	G.L.T.		SCALE:		
DRAWN	G.L.T.		HOR. 1" = 400'		
CHECKED	G.L.T.		VERT. 1" = 400'		
APPROVED	G.L.T.		DWG. NO.	REV.	
DATE	JAN. '74		215-8-5		



7000
6500
6000
5500
5000
4500
4000
3500

LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

00444 1/2

MT 72(2)A

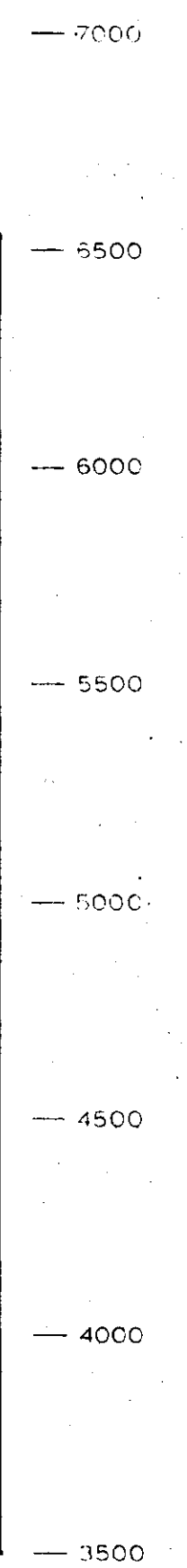
KAISER
RESOURCES

TAYLOR MOUNTAIN SOUTH

SECTION 2000N

G.L.T. 1" = 400'
1" = 400'

JAN '74 215-8-6



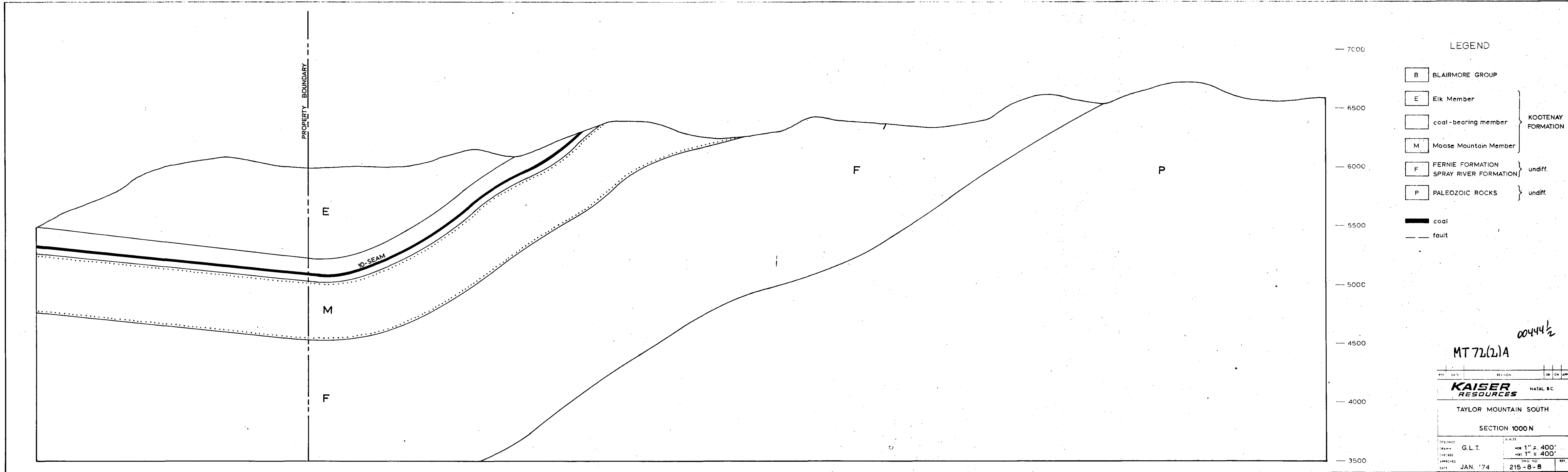
LEGEND

- B BLAIRMORE GROUP
 - E Eik Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

00444 1/2

MT 72(2)A

REV.	DATE	REVISION	DR	CH	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 1500 N					
DESIGNED DRAWN CHECKED APPROVED DATE			G.L.T. SCALES HOR 1" = 400' VERT 1" = 400' 215-8-7		





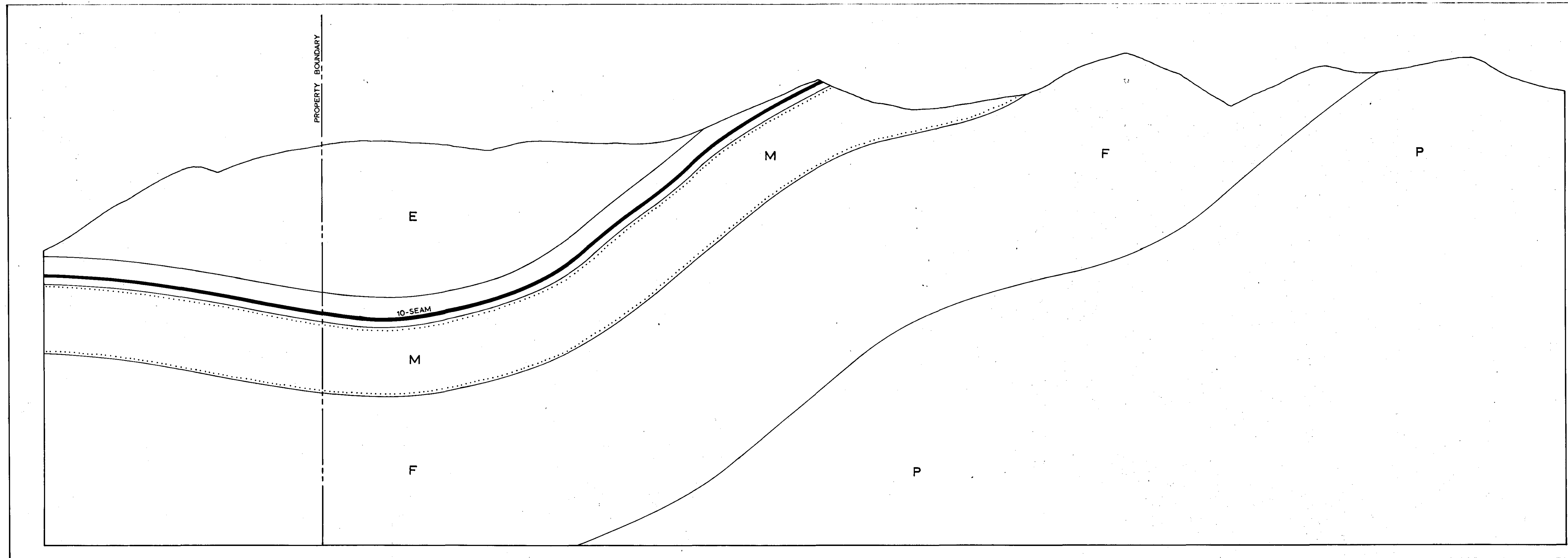
LEGEND

B	BLAIRMORE GROUP	
E	Elk Member	} KOOTENAY FORMATION
	coal-bearing member	
M	Moose Mountain Member	
F	FERNIE FORMATION SPRAY RIVER FORMATION	} undiff.
P	PALEOZOIC ROCKS	} undiff.
	coal	
	fault	

00441 1/2

MT 72(2)A

KAISER RESOURCES		NATAL, B.C.
TAYLOR MOUNTAIN SOUTH		
SECTION 500 N		
G.L.T.		SCALE: HOR 1" = 400' VER 1" = 400'
JAN. '74		215-B-9

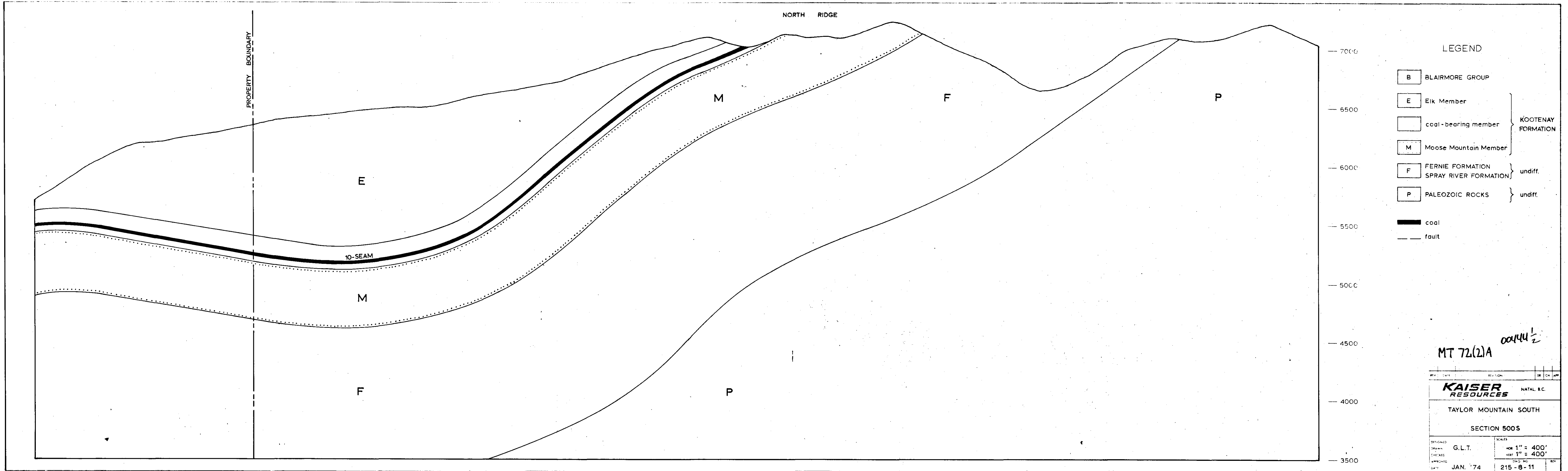


- LEGEND
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

00444 1/2

MT 72(2)A

KAISER	NATAL B.C.
RESOURCES	
TAYLOR MOUNTAIN SOUTH	
SECTION 0	
DESIGNED G.L.T.	SCALE HOR 1" = 400' VERT 1" = 400'
APPROVED JAN. '74	DWG. NO. 215-8-10

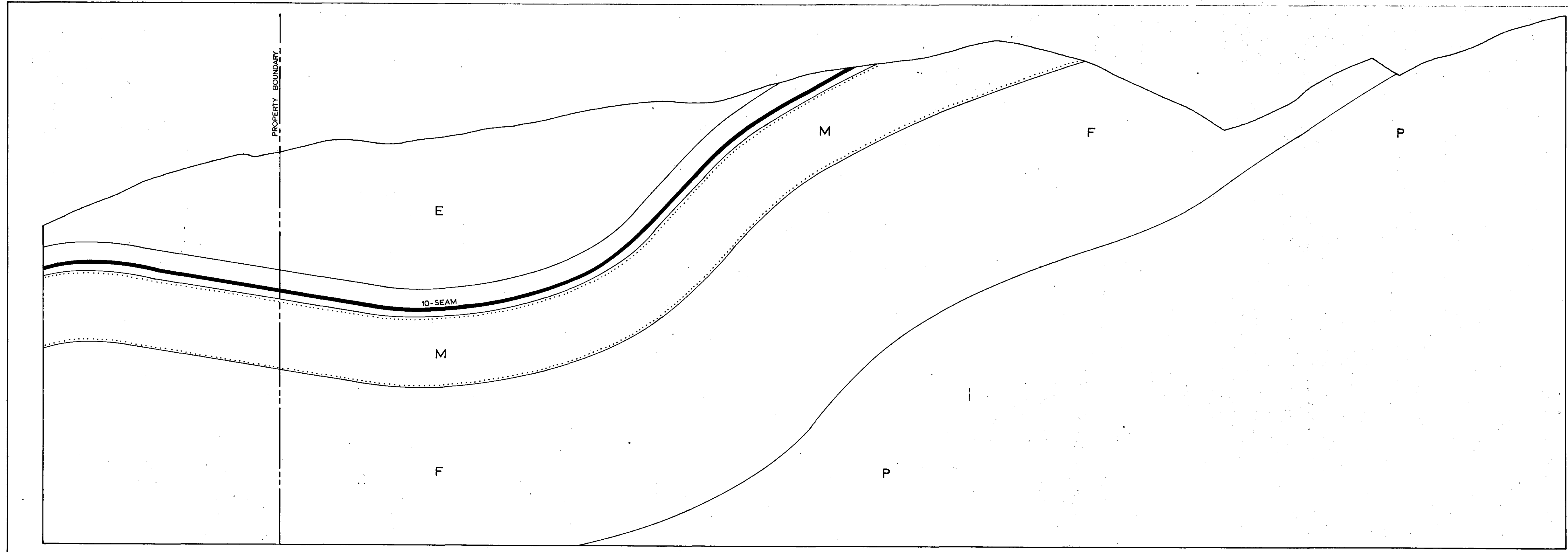


LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
 } undiff.
 } undiff.

MT 72(2)A

KAISER RESOURCES	NATAL, B.C.
TAYLOR MOUNTAIN SOUTH	
SECTION 500S	
DESIGNED DRAWN CHECKED APPROVED DATE	SCALE HORIZ 1" = 400' VERT 1" = 400' DWS: MC REV
G.L.T. JAN. '74	215-8-11



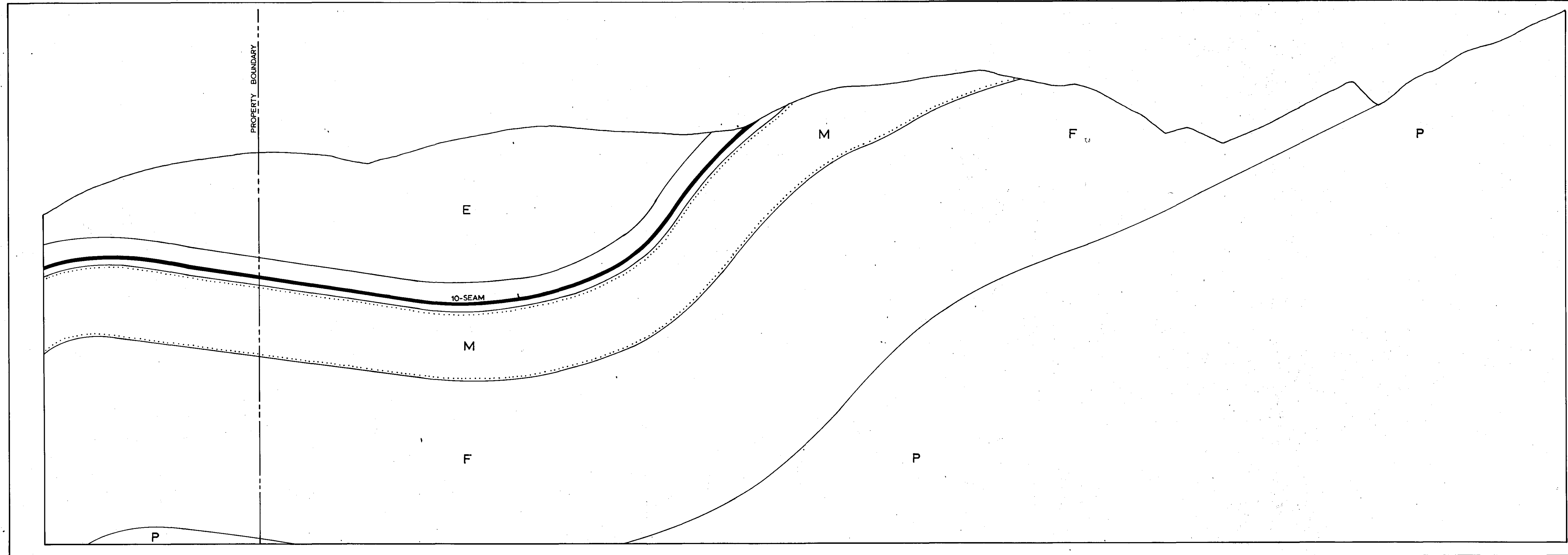
7000
6500
6000
5500
5000
4500
4000
3500

LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

MT 72(2)A

KAISER RESOURCES		NATAL, B.C.	
TAYLOR MOUNTAIN SOUTH			
SECTION 1000 S			
DATE	SCALE	REV	REV
JAN '74	HOR 1" = 400' VER 1" = 400'		
		215-8-12	

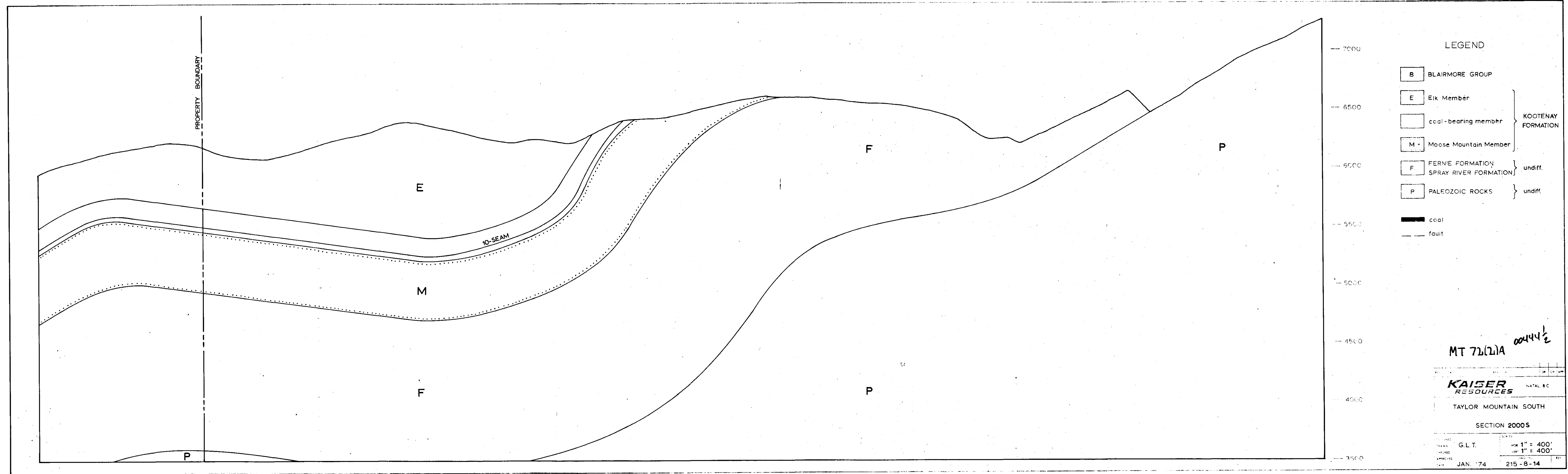


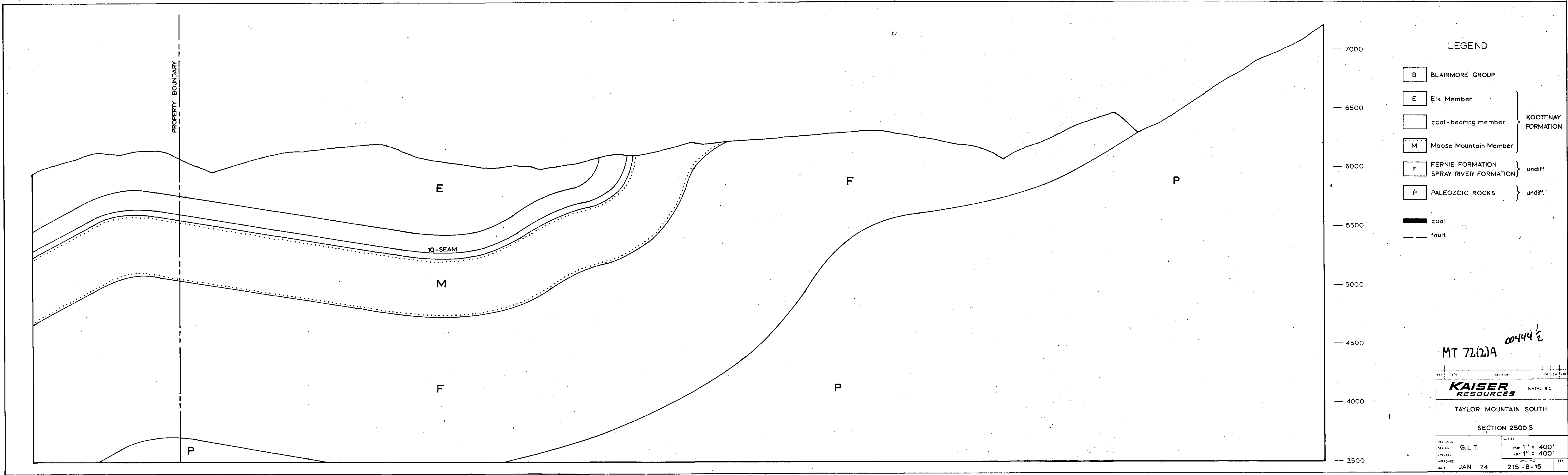
LEGEND

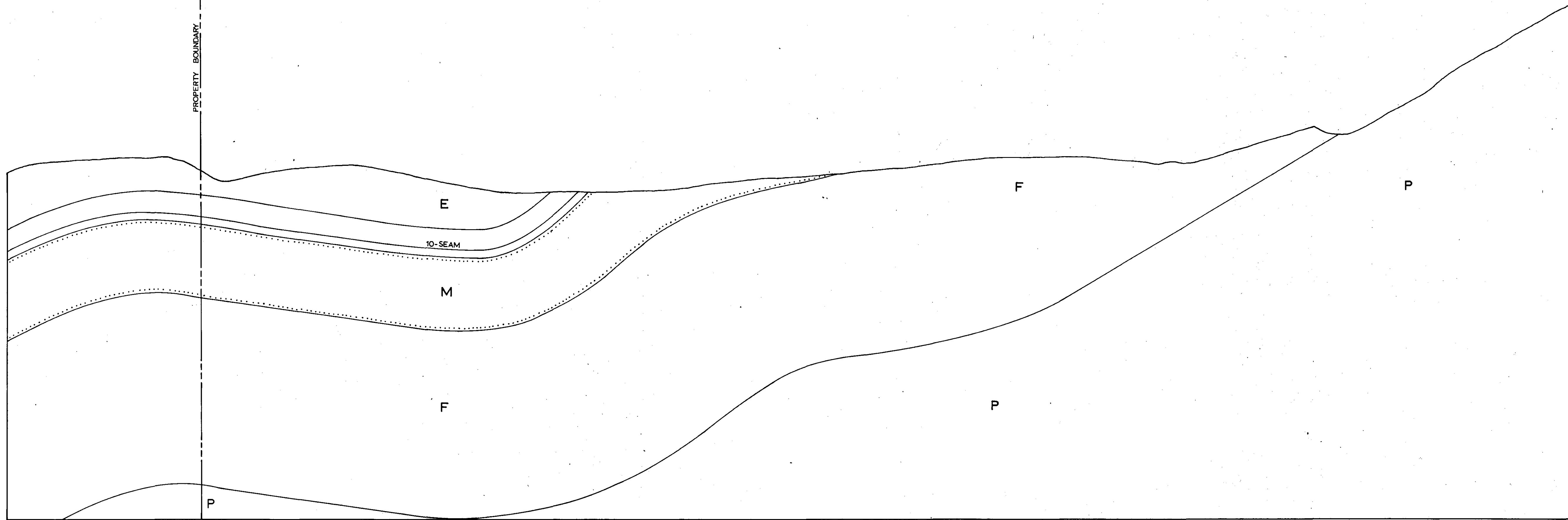
B	BLAIRMORE GROUP	
E	Elk Member	KOOTENAY FORMATION
	coal-bearing member	
M	Moose Mountain Member	
F	FERNIE FORMATION SPRAY RIVER FORMATION	undiff.
P	PALEOZOIC ROCKS	undiff.
	coal	
	fault	

0044 1/2
MT 72(2)A

REV	DATE	REVISION	DR	CHK	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 1500 S					
DESIGNED	G.L.T.		SCALES		
CHECKED			HOR 1" = 400'		
APPROVED			VERT 1" = 400'		
DATE	JAN. '74	DWG. NO.	215-8-13	REV.	







- LEGEND
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member } KOOTENAY FORMATION
 - M Moose Mountain Member
 - F FERNIE FORMATION } undiff.
 - SPRAY RIVER FORMATION } undiff.
 - P PALEOZOIC ROCKS } undiff.
 - coal
 - - - fault

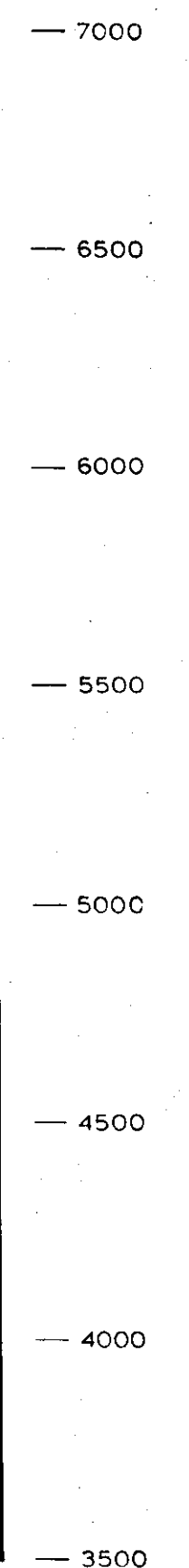
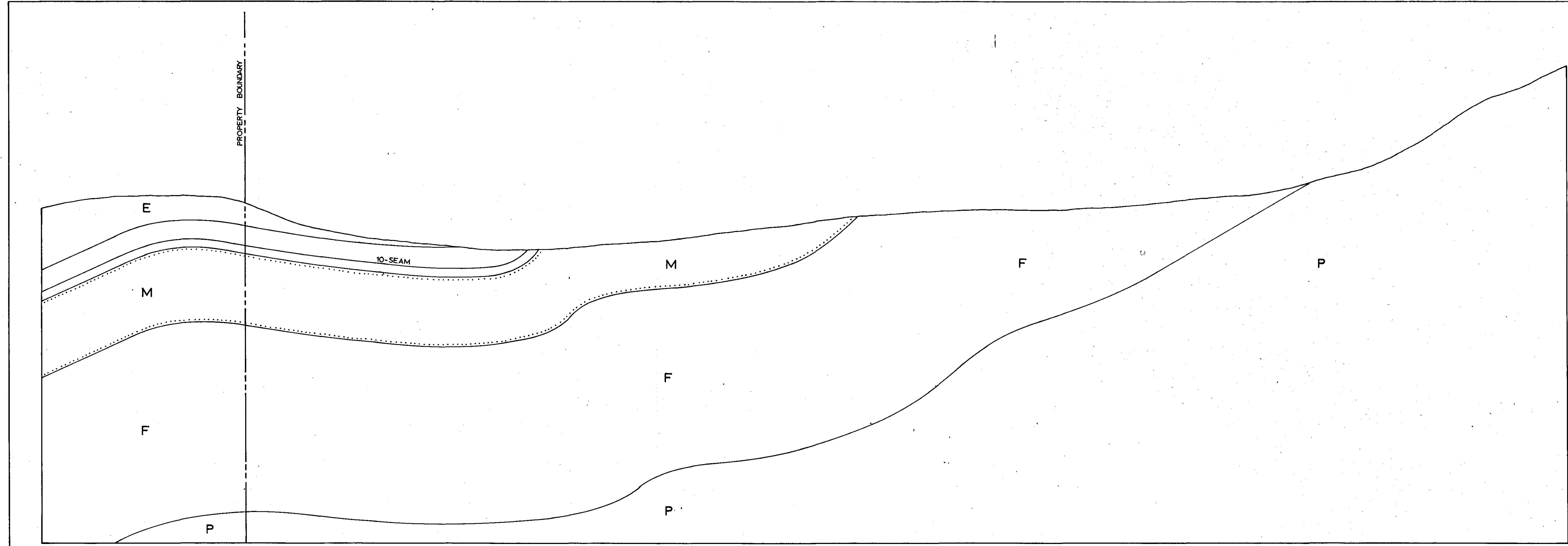
MT 72(2)A ^{0044 1/2}

KAISER
RESOURCES NATAL B.C.

TAYLOR MOUNTAIN SOUTH

SECTION 30005

DATE: G.L.T.
SCALE: 1" = 400'
1" = 400'
DATE: JAN. '74 215-B-16

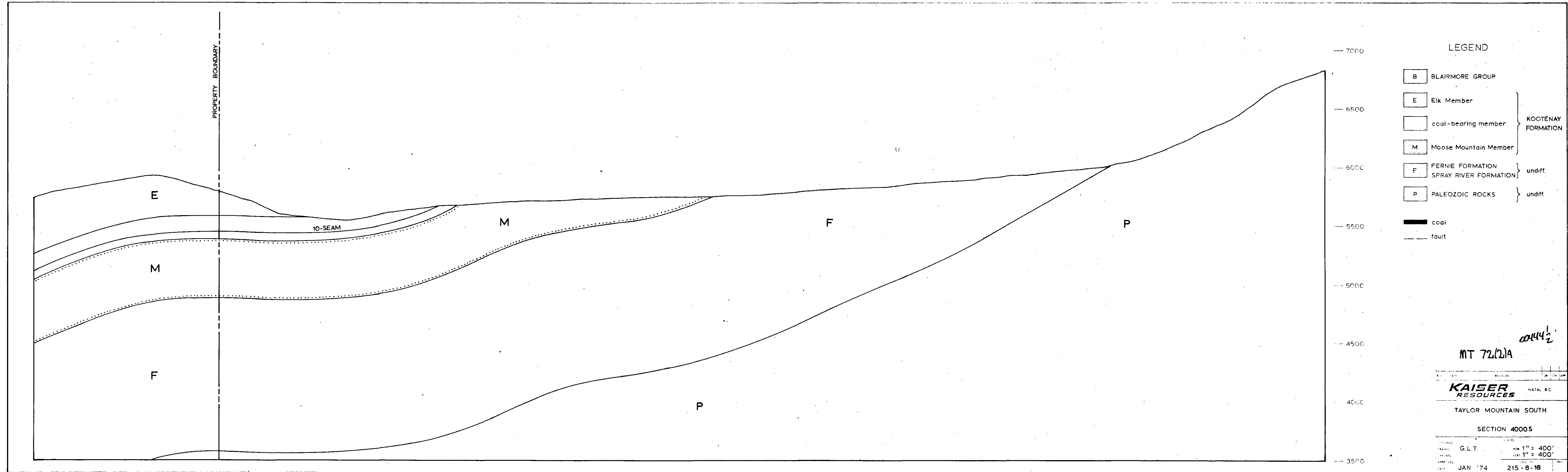


LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

0044 1/2
MT 72(2)A

REV. DATE	REVISION	DR	CH	AM
KAISER RESOURCES NATAL, B.C.				
TAYLOR MOUNTAIN SOUTH				
SECTION 3500S				
DESIGNED	SCALES			
DRAWN	HOR 1" = 400'		VERT 1" = 400'	
CHECKED	DWG NO.			
APPROVED	DATE		REV	REV
G.L.T.	JAN. '74		215-8-17	



LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

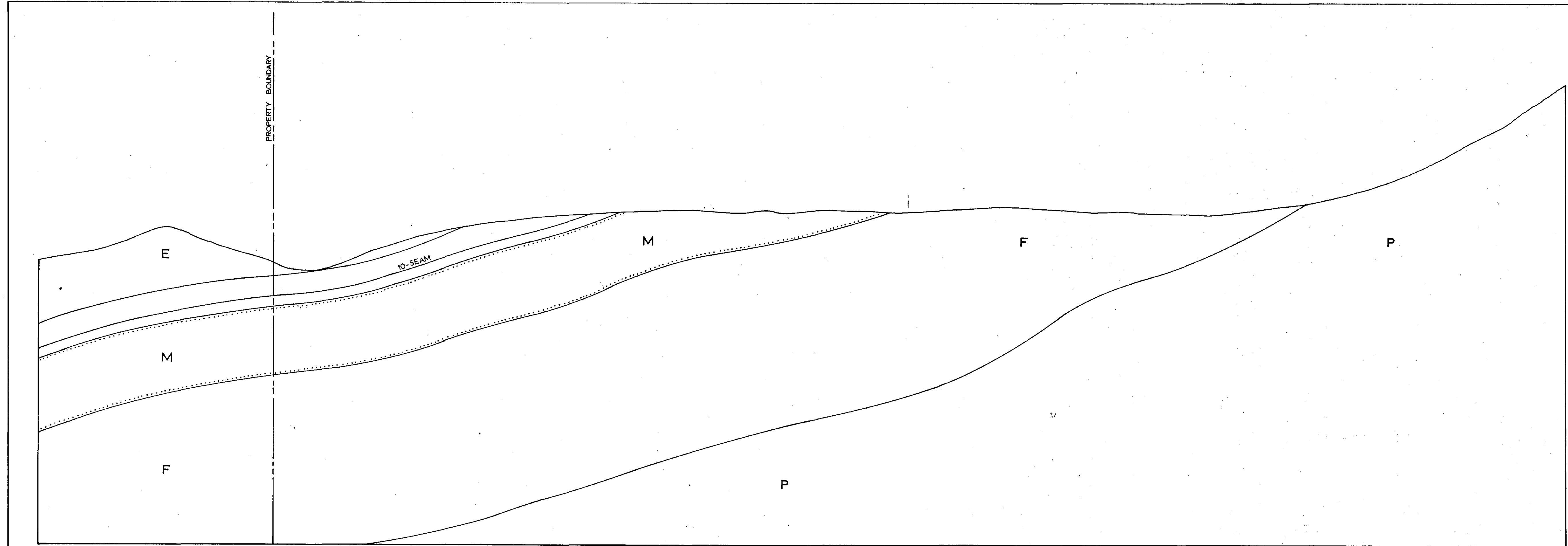
0044 1/2
MT 72(2)A

KAISER RESOURCES NATAL B.C.

TAYLOR MOUNTAIN SOUTH

SECTION 4005

G.L.T. 1" = 400'
1" = 400'
JAN '74 215-8-18



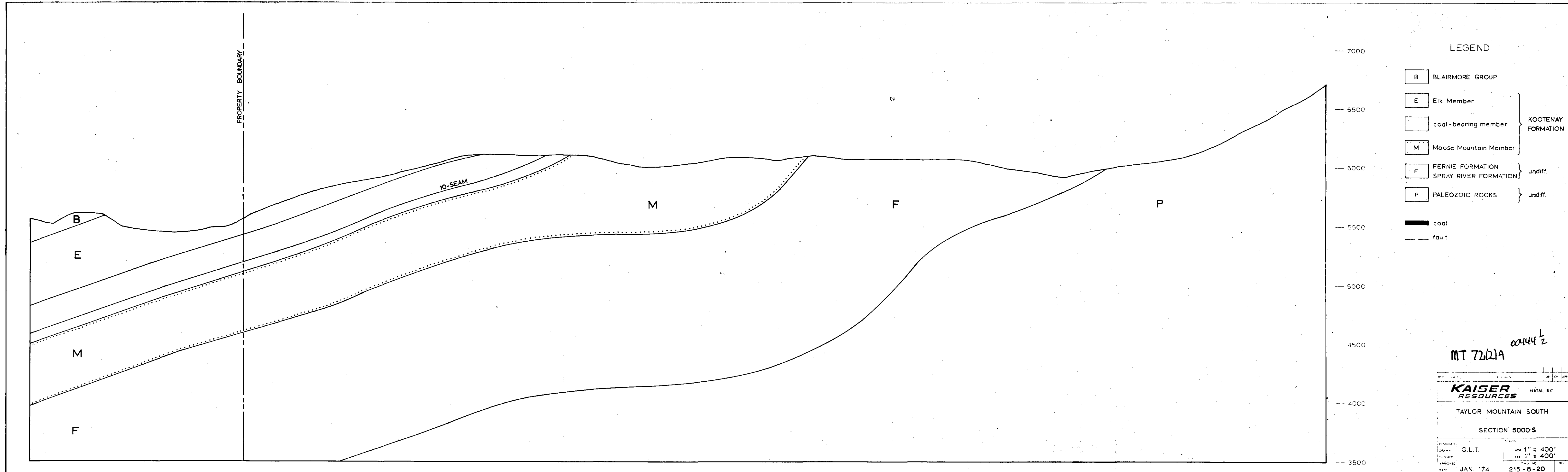
— 7000
 — 6500
 — 6000
 — 5500
 — 5000
 — 4500
 — 4000
 — 3500

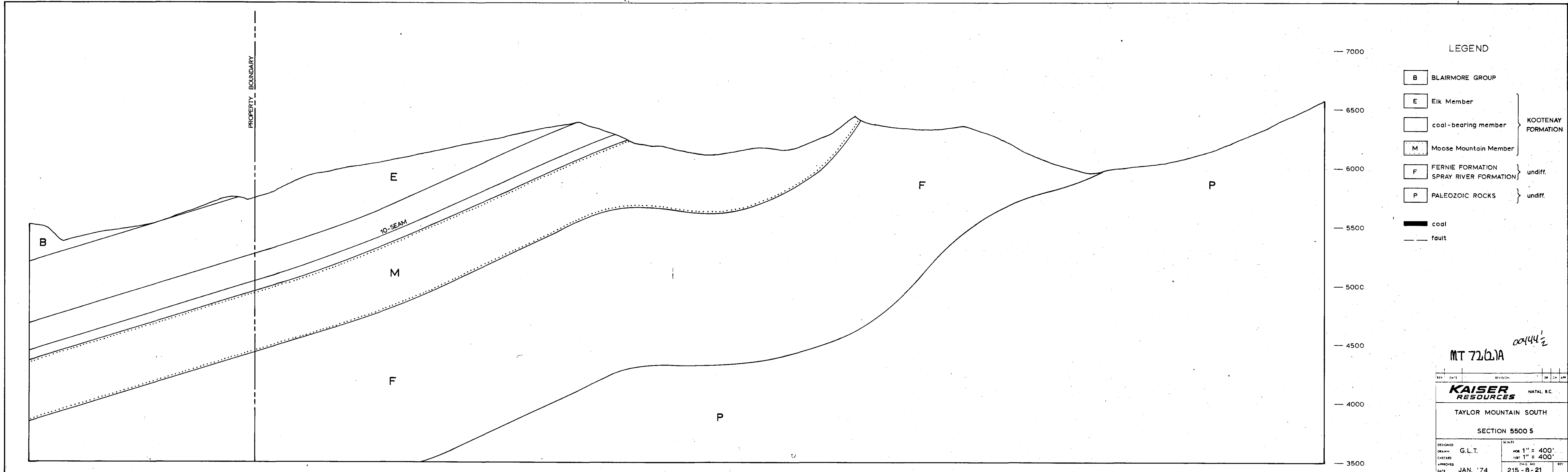
LEGEND

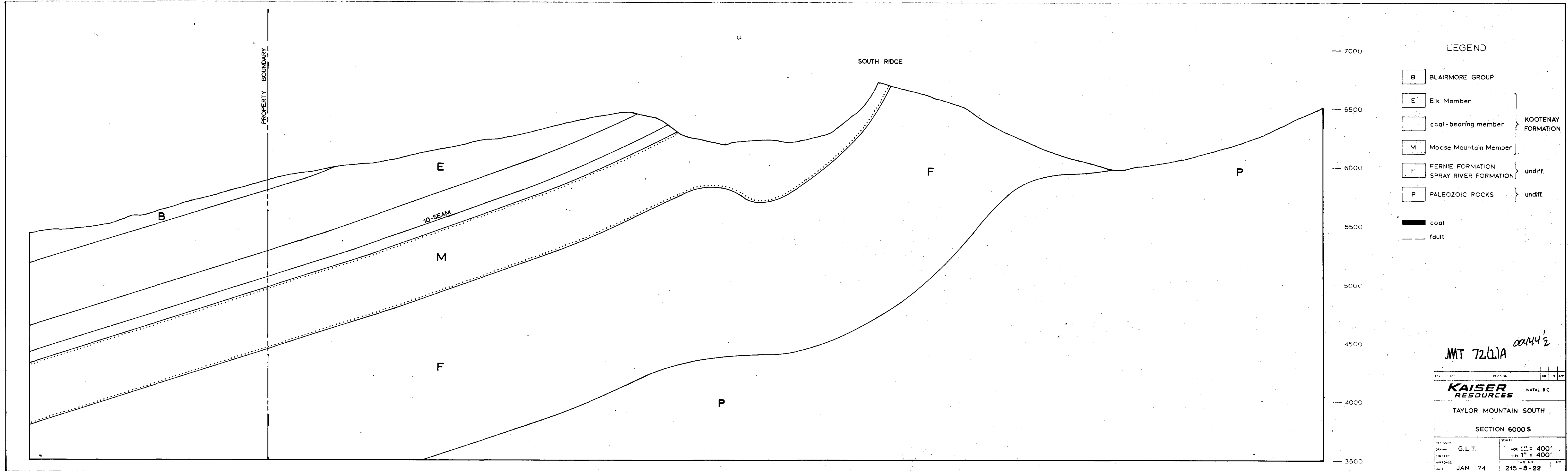
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

0044 1/2
 MT 72(2)A

REV.	DATE	REVISION	DR	CH	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 4500 S					
DESIGNED	SCALES				
DRAWN	HORIZ 1" = 400'				
CHECKED	VERT 1" = 400'				
APPROVED	DWG NO				
DATE	JAN. '74	215-8-19	REV		







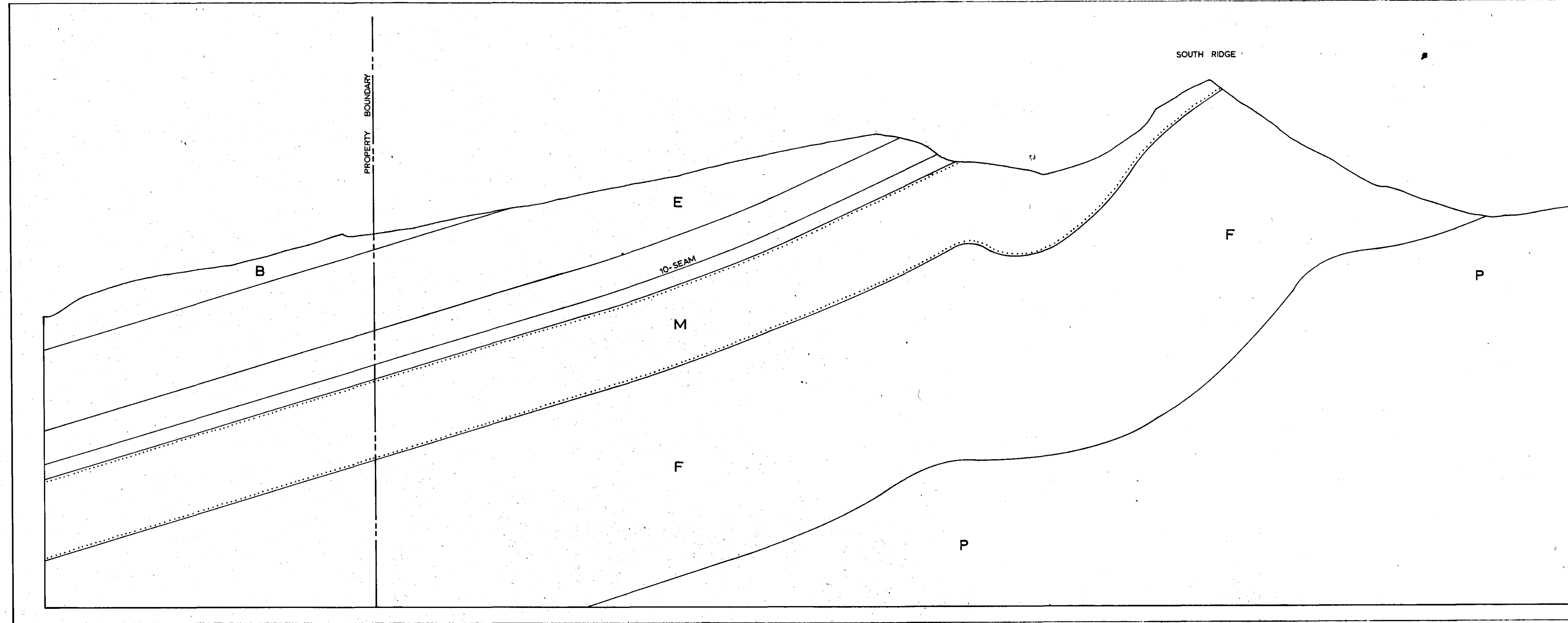
LEGEND

- B BLAIRMORE GROUP
- E Elk Member
- coal-bearing member } KOOTENAY FORMATION
- M Moose Mountain Member
- F FERNIE FORMATION } undiff.
- SPRAY RIVER FORMATION
- P PALEOZOIC ROCKS } undiff.
- coal
- - - fault

MT 72(2)A

00444 1/2

DESIGNED	G.L.T.	HOR 1" = 400'	REV
DRAWN		VERT 1" = 400'	
CHECKED			
APPROVED			
DATE	JAN. '74	215-8-22	



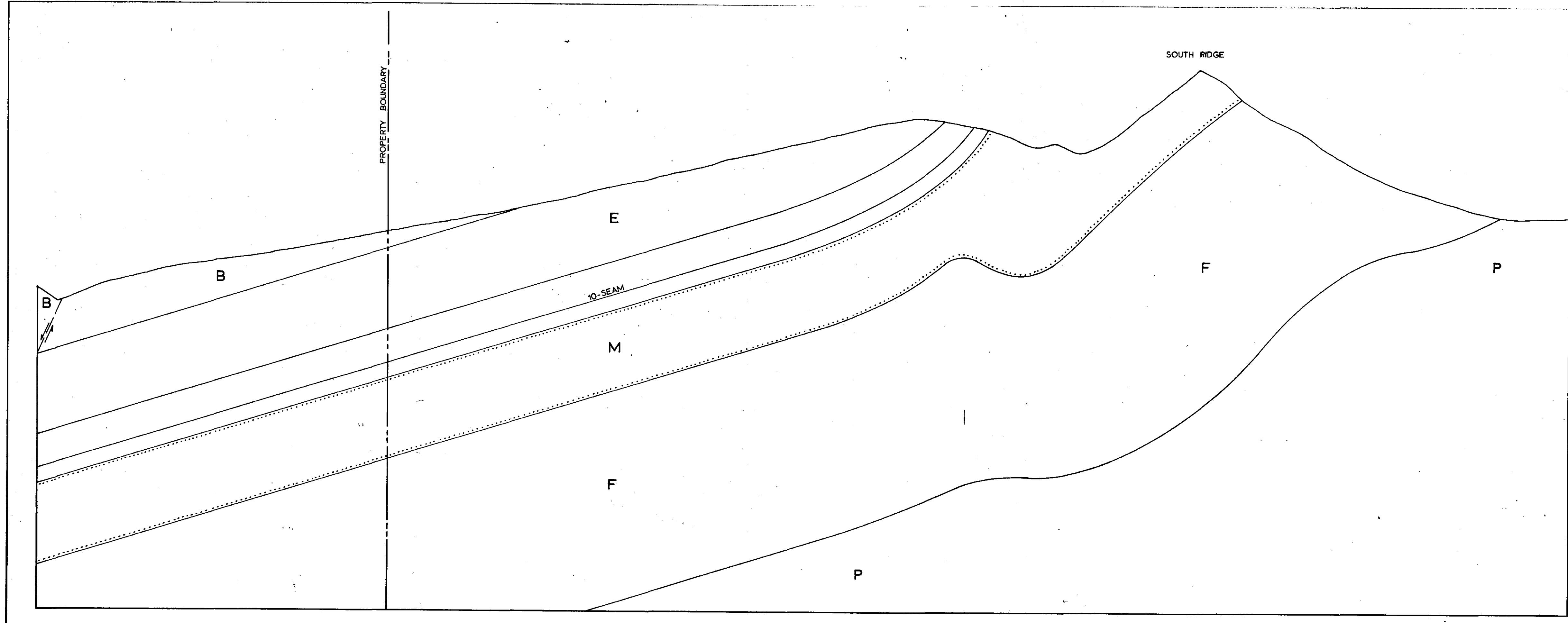
7000
6500
6000
5500
5000
4500
4000
3500

LEGEND

- B BLAIRMORE GROUP
- E Elk Member
- coal-bearing member } KOOTENAY FORMATION
- M Moose Mountain Member
- F FERNIE FORMATION } undiff.
- SPRAY RIVER FORMATION }
- P PALEOZOIC ROCKS } undiff.
- coal
- fault

00444 1/2
MT 72(2)A

DESIGNED	DATE	REVISION	DR	CH	APP
KAISER RESOURCES		NATAL, B.C.			
TAYLOR MOUNTAIN SOUTH					
SECTION 6500S					
DESIGNED	G.L.T.		SCALES		
CHECKED			HOR 1" = 400'		
APPROVED			VERT 1" = 400'		
DATE	JAN. '74	DWG NO	215-8-23	REV	

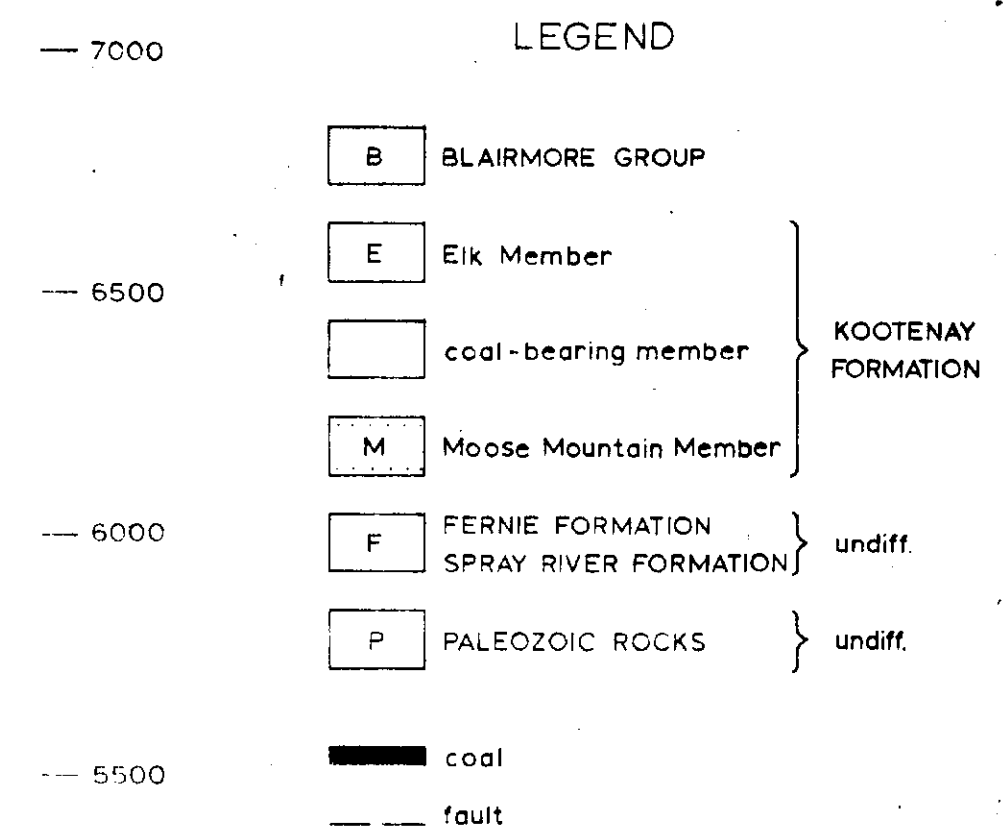
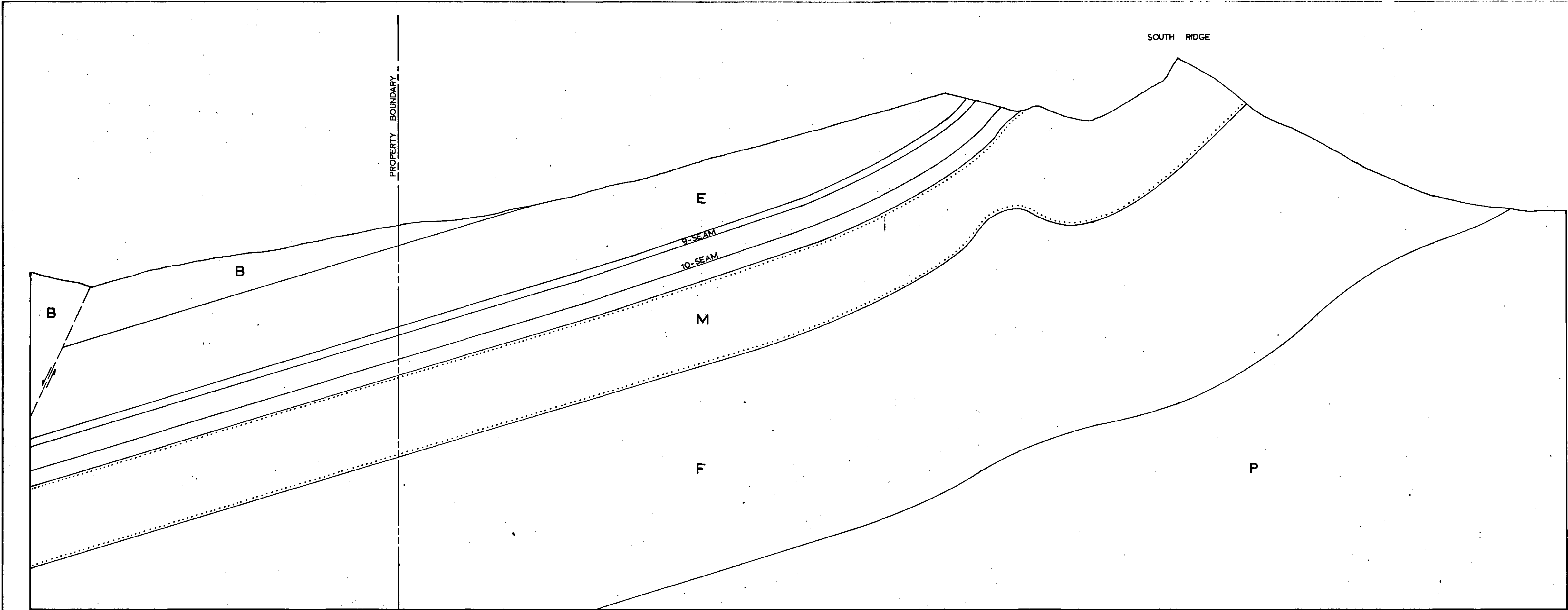


— 7000
 — 6500
 — 5000
 — 5500
 — 5000
 — 4500
 — 4000
 — 3500

- LEGEND
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
- } KOOTENAY FORMATION
- } undiff.
- } undiff.
- coal
 - fault

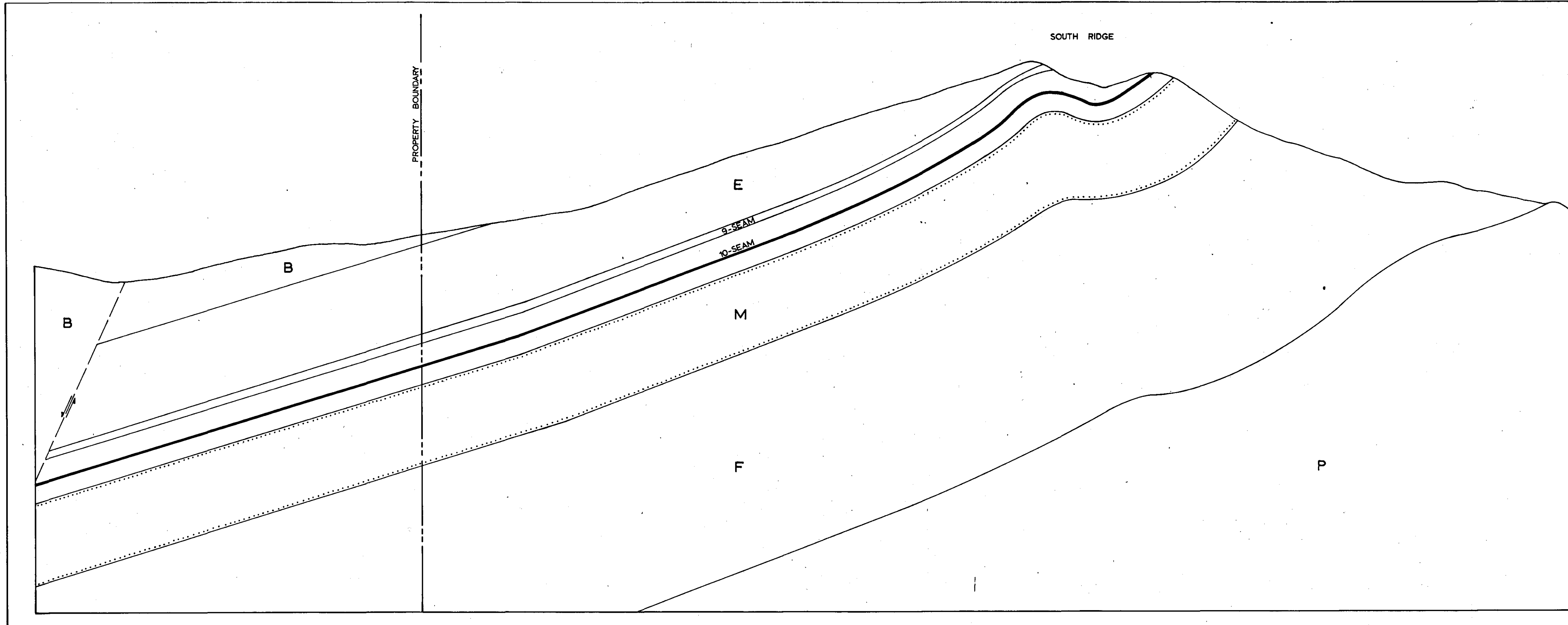
MT 72/DA ^{0044 1/2}

DESIGNED	DRAWN	CHECKED	APPROVED	DATE
	G.L.T.			JAN '74
KAISER RESOURCES				NATAL B.C.
TAYLOR MOUNTAIN SOUTH				
SECTION 7000 S				
DESIGNED		SCALE		
DRAWN		HORIZ 1" = 400'		
CHECKED		VERT 1" = 400'		
APPROVED		DWG NO		
DATE		REV		
JAN '74		215-B-24		



MT 72621A 0044 1/2

DESIGNED	DRAWN	CHECKED	APPROVED	DATE	SCALE	REV
G.L.T.				JAN. '74	HOR 1" = 400' VERT 1" = 400'	
KAISER RESOURCES				NATAL, B.C.		
TAYLOR MOUNTAIN SOUTH						
SECTION 7500 S						
				215-8-25		



— 7000

— 6500

— 6000

— 5500

— 5000

— 4500

— 4000

— 3500

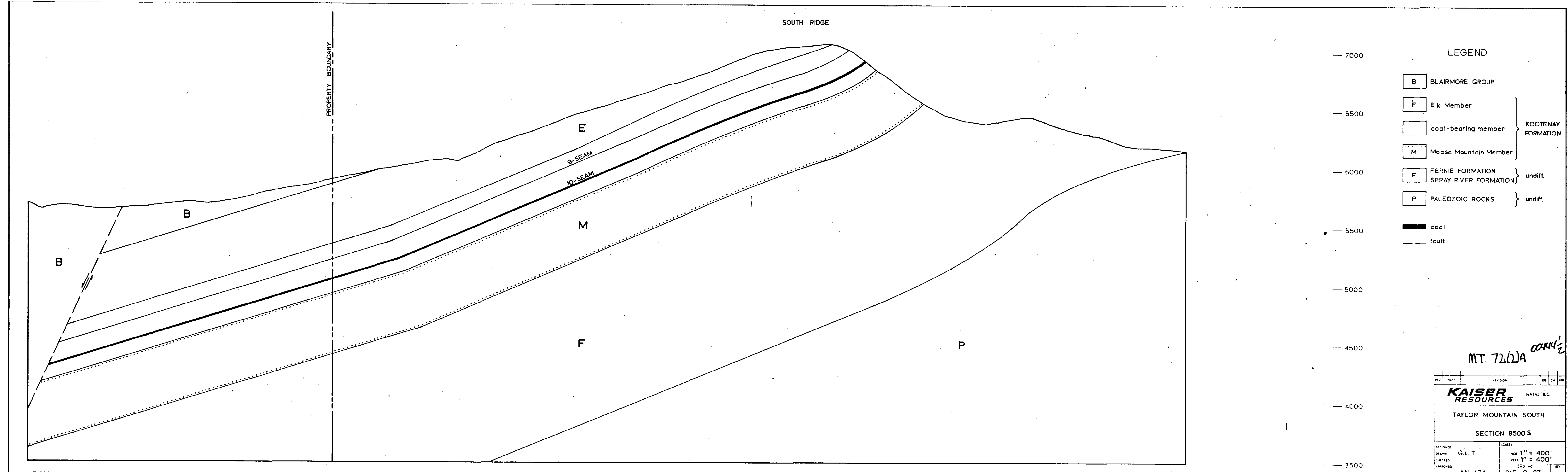
LEGEND

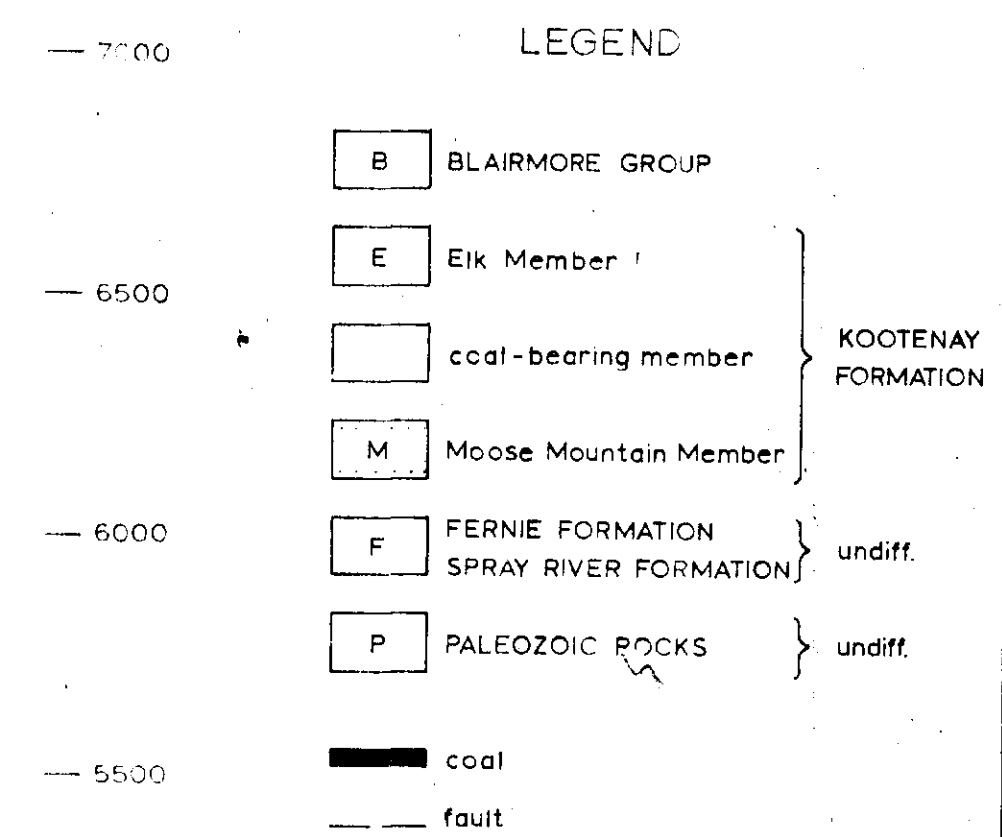
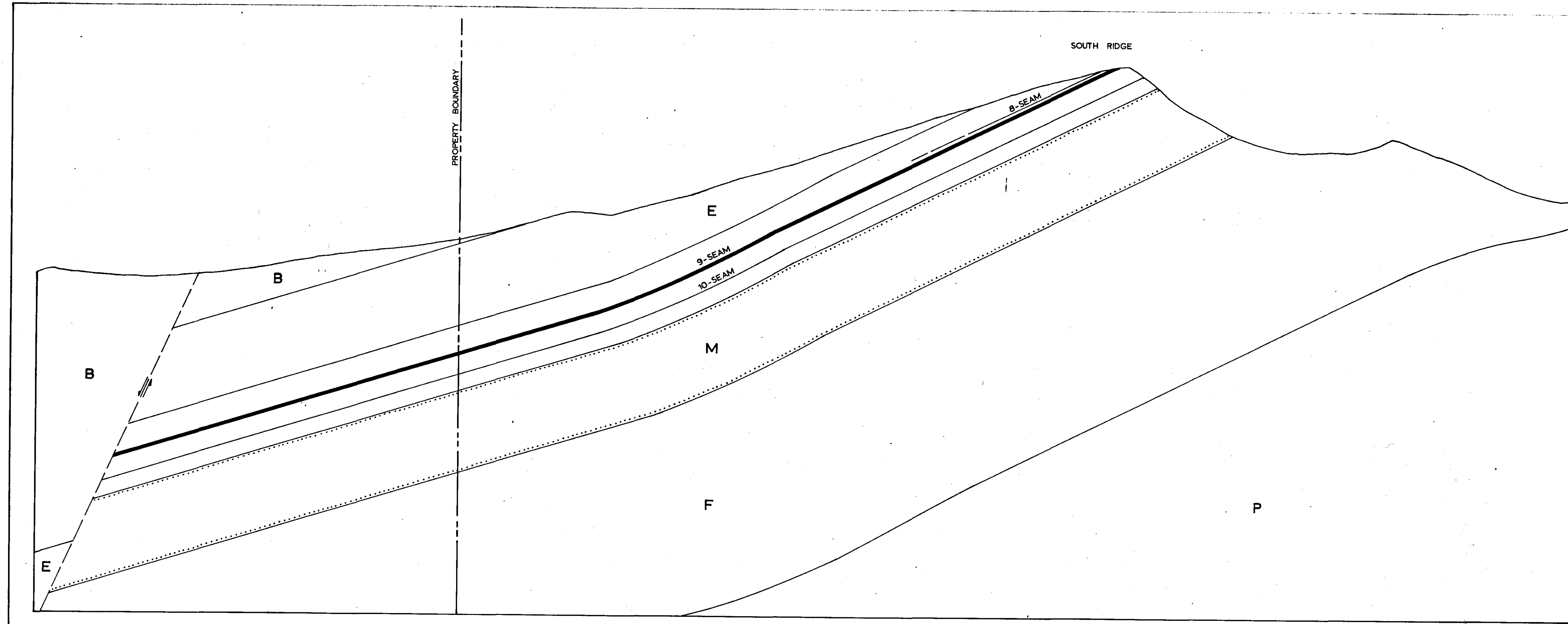
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
- } undiff.
- } undiff.

0044 1/2

MT 72(2)A

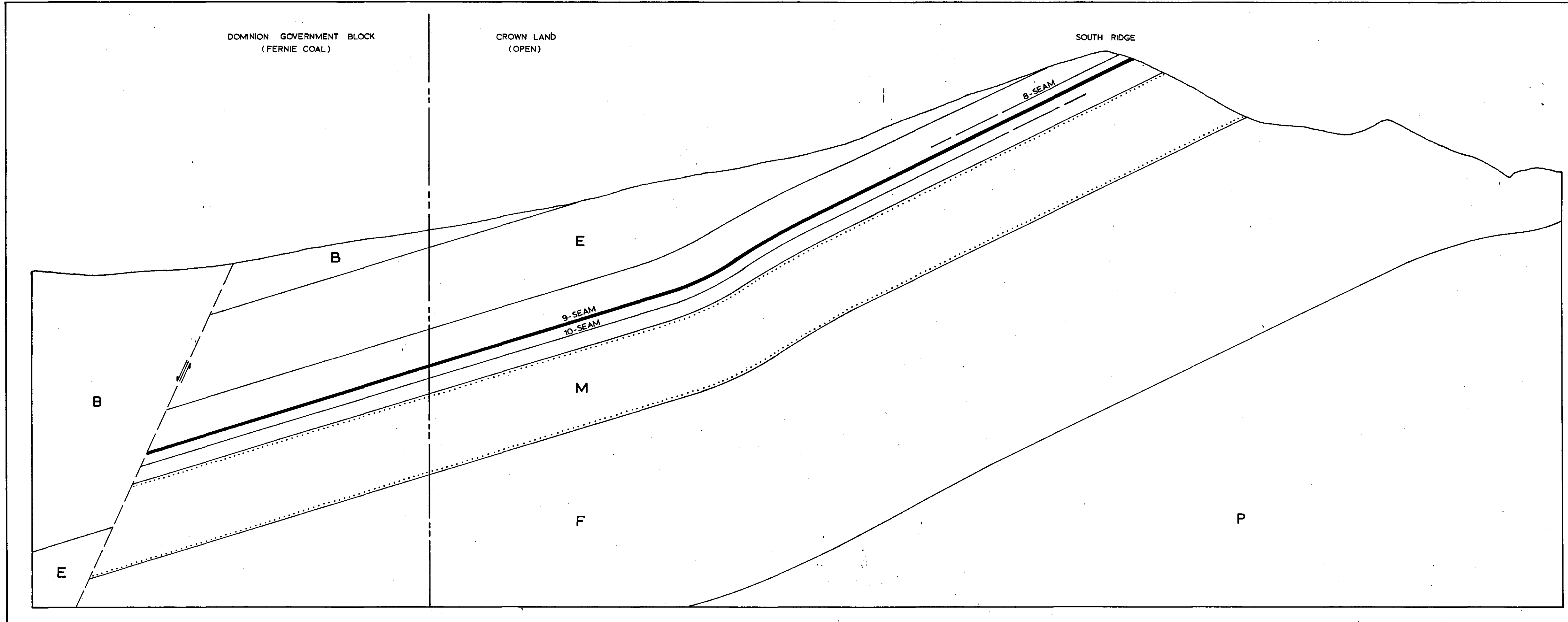
REV	DATE	REVISION	DR	CH	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 8000 S					
DESIGNED	G.L.T.		SCALES		
DRAWN	G.L.T.		HOR 1" = 400'		
CHECKED			VERT 1" = 400'		
APPROVED			DWG NO	REV	
DATE	JAN. '74		215-B-26		





MT 72(2)A COM 4 1/2

KAISER RESOURCES		NATAL, B.C.
TAYLOR MOUNTAIN SOUTH		
SECTION 9000 S		
DESIGNED BY	G.L.T.	SCALE: 1" = 400'
DRAWN BY		SCALE: 1" = 400'
DATE	JAN '74	215-B-28



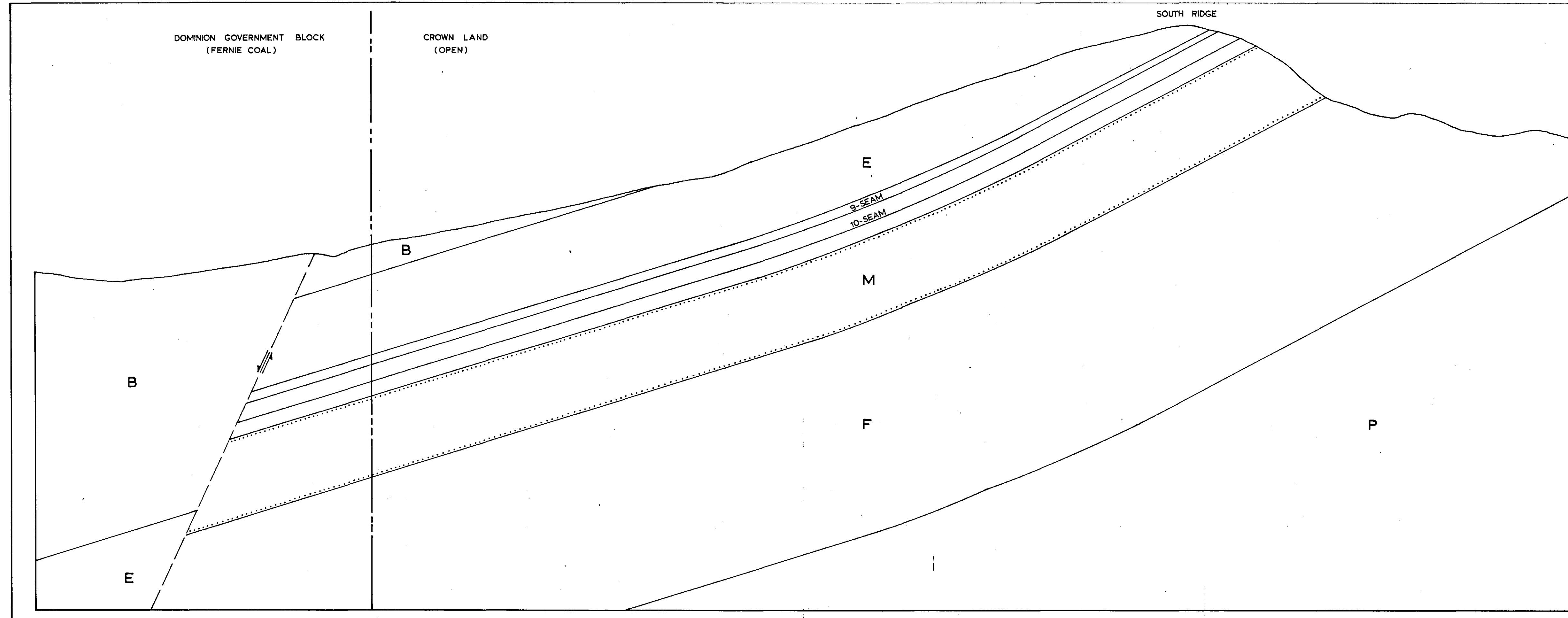
— 7000
 — 6500
 — 6000
 — 5500
 — 5000
 — 4500
 — 4000
 — 3500

LEGEND

- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member
 - M Moose Mountain Member
 - F FERNIE FORMATION
 - SPRAY RIVER FORMATION
 - P PALEOZOIC ROCKS
 - coal
 - fault
- } KOOTENAY FORMATION
 } undiff.
 } undiff.

MT 7202A *2044 1/2*

REV	DATE	REVISION	DR	CH	APP
KAISER RESOURCES		NATAL, B.C.			
TAYLOR MOUNTAIN SOUTH					
SECTION 9500S					
DESIGNED	G.L.T.		SCALES		
DRAWN	G.L.T.		HOR 1" = 400'		
CHECKED	G.L.T.		VERT 1" = 400'		
APPROVED	G.L.T.		DWG NO		
DATE	JAN. '74	215-8-29	REV		



7000
6500
6000
5500
5000
4500
4000
3500

- LEGEND
- B BLAIRMORE GROUP
 - E Elk Member
 - coal-bearing member } KOOTENAY FORMATION
 - M Moose Mountain Member
 - F FERNIE FORMATION } undiff.
 - SPRAY RIVER FORMATION } undiff.
 - P PALEOZOIC ROCKS } undiff.
 - coal
 - fault

MT 72(2)A *0044 1/2*

REV	DATE	REVISION	DR	CR	APP
KAISER RESOURCES NATAL, B.C.					
TAYLOR MOUNTAIN SOUTH					
SECTION 10,500 S					
DESIGNED	G.L.T.		SCALE		
DRAWN			HOR 1" = 400'		
CHECKED			VERT 1" = 400'		
APPROVED			DWG. NO.		
DATE	JAN. '74		215-8-30		