

CONFIDENTIAL

SEAM NAME	AVG. THICK.	PITCH 0-15°							PITCH 31° - 33°							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
ADIT 8	8.1							4,725	C	C		73.8	1.50																				
ADIT 7	17.4							11,808	C	C		83.1	1.50																				
ADIT 5	6.2							5,006	C	C		83.1	1.50																				
ADIT 3	5.2							4,926	C	C		100% NOT WASHED		6.5% RAW																			
ADIT 2	5.3	Same Seam						6,482	C	C		77.7	1.50																				
ADIT 1	10.4							12,964	C	C		87.0	1.50																				
4	20.0							25,795	C	H																							
3	26.0							29,040	C	H																							
2	21.0							23,193	C	H																							
1	26.0							27,321	C	H																							
PROVEN																																	
PART. EXPL'D																																	
PROJECTED								151,260																									
TOTALS								151,260																									

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.

RESERVE ESTIMATE - (1500' - 2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0-15°						PITCH 31° - 33°						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				
ADIT 8	8.1																																			
ADIT 7	17.4																																			
ADIT 5	6.2																																			
ADIT 3	5.2																																			
ADIT 2	5.3																																			
ADIT 1	10.4																																			
4	20.0							18,473	C	H																										
3	26.0							26,746	C	H																										
2	21.0							21,246	C	H																										
1	26.0							23,142	C	H																										
PROVEN																																				
PART. EXPL'D																																				
PROJECTED								89,607																												
TOTALS								89,607																												

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)

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(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.

AREA: EWING CREEK WEST # 2221 Licence
 TABLE N^o: 89 (Fording East Licence)
 RESERVE ESTIMATE - (+ 2500' 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												
*	52.6	18,701							C	C																																			
**	99	35,183							C	C																																			
PROVEN																																													
PART. EXPL'D																																													
PROJECTED		53,884																																											
TOTALS		53,884																																											

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* 6 seams located on the south side of EWING CREEK are used for this estimate. Total aggregate thickness is 52.6 feet.

** 4 seams projected from Burnt Ridge. Total aggregate thickness is 99.0 feet.

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(5) Reserves Recoverable -

Proven Reserves (Recoverable) -

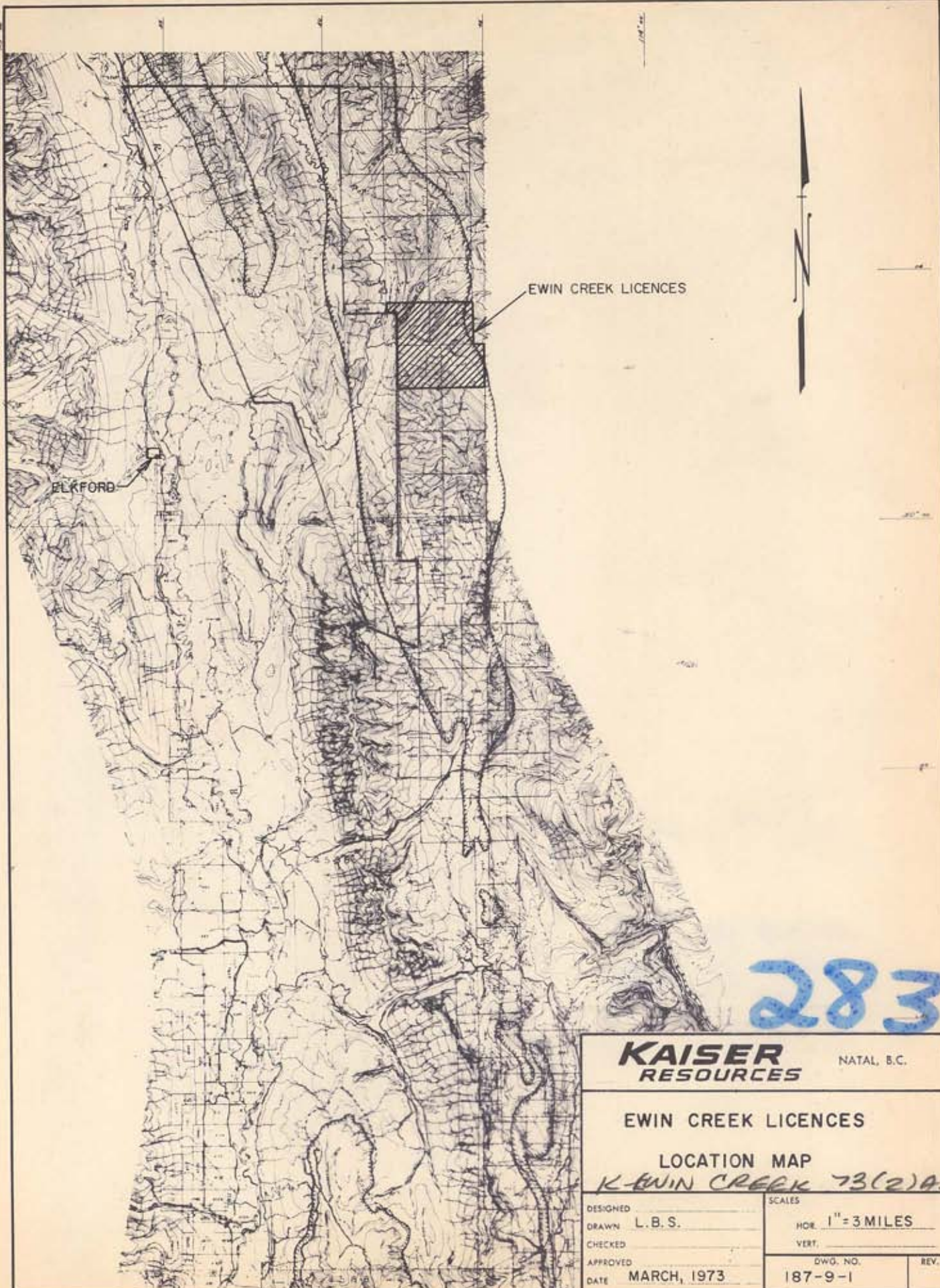
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.

Partially Explored Reserves (Recoverable) -

Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

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by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.



EWIN CREEK LICENCES

ELKFORD

283

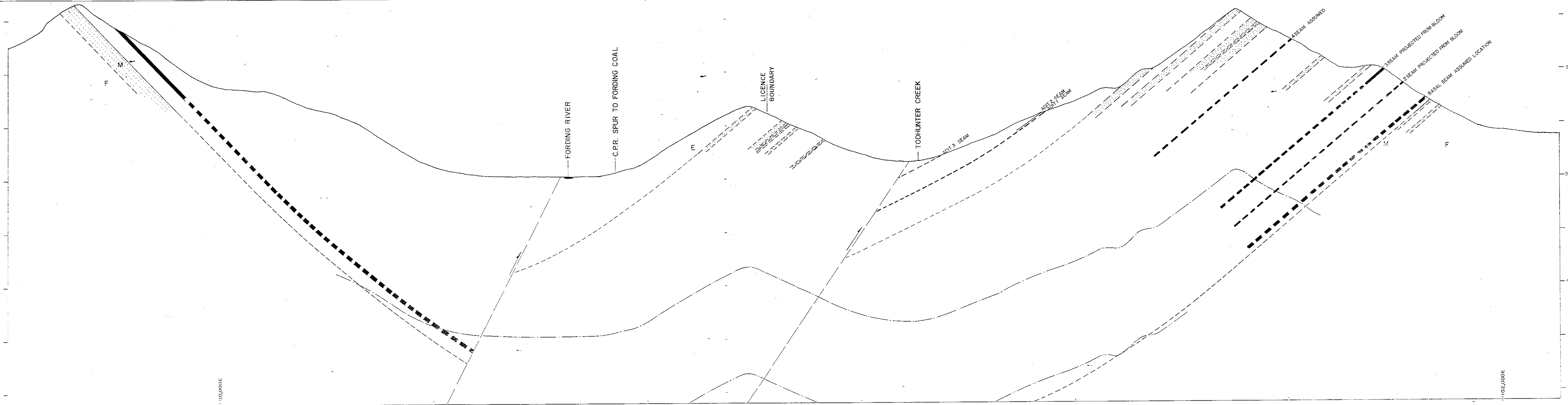
KAISER
RESOURCES NATAL, B.C.

EWIN CREEK LICENCES

LOCATION MAP

K-EWIN CREEK 73(2)A.

DESIGNED	SCALES
DRAWN L. B. S.	HOR. 1" = 3 MILES
CHECKED	VERT.
APPROVED	DWG. NO.
DATE MARCH, 1973	187-9-1
	REV.



100,000'

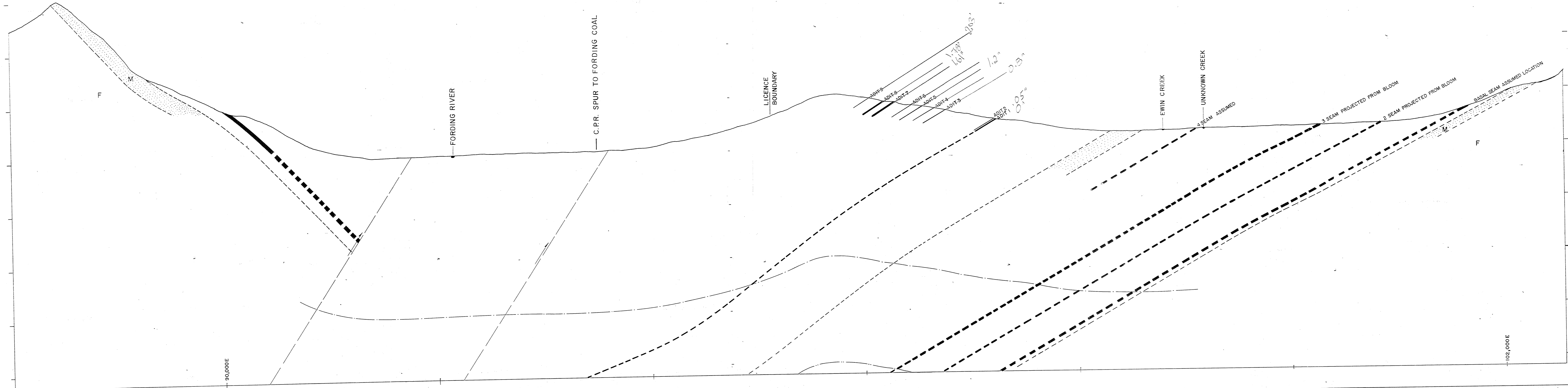
100,000'

- [Symbol] ELK MEMBER
 - [Symbol] COAL BEARING MEMBER
 - [Symbol] MOOSE MOUNTAIN MEMBER
 - [Symbol] TERNY FORMATION
 - [Symbol] SPRAY RIVER FORMATION (INDEX)
 - [Symbol] PALEOZOIC (INDEX)
-
- COAL
 - SHALE
 - SILTSTONE
 - SANDSTONE
 - CONGLOMERATE
 - FAULT
 - 1500 FOOT COVER LINE
 - 2500 FOOT COVER LINE

Handwritten notes:
 EWIN CREEK 7217
 BURNT RIDGE EXTENSION

**EWIN CREEK AND
 BURNT RIDGE EXTENSION
 SECTION - 445,000**

DATE: 1917
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 1917-9-4



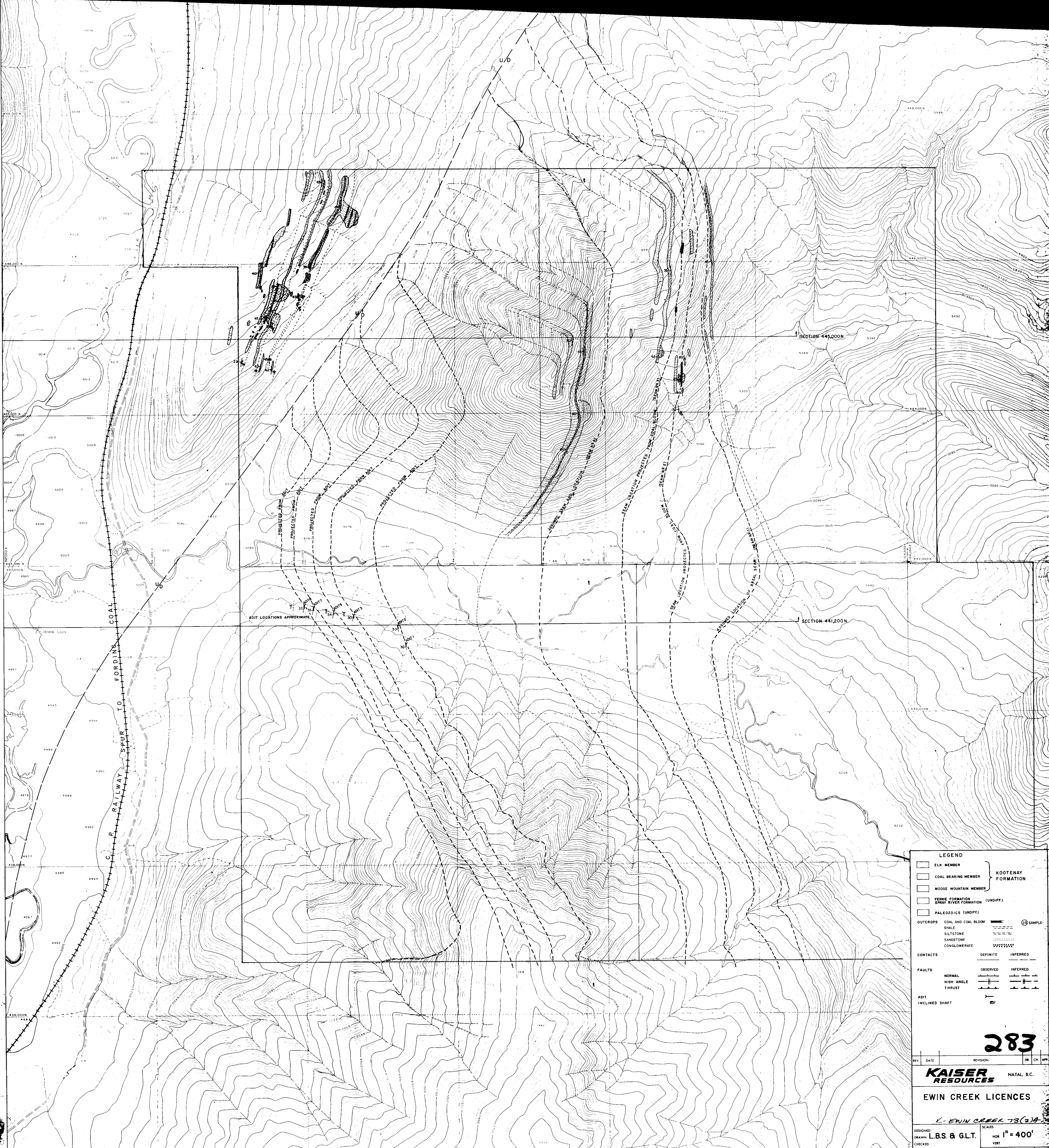
- ELK MEMBER
 - COAL BEARING MEMBER
 - MOOSE MOUNTAIN MEMBER
 - FERNIE FORMATION
 - SPRAY RIVER FORMATION (UNDIFF.)
 - PALEOZOICS (UNDIFF.)
-
- COAL
 - SHALE
 - SILTSTONE
 - SANDSTONE
 - CONGLOMERATE
 - FAULT
 - 1500 FOOT COVER LINE
 - 2500 FOOT COVER LINE

K-EWIN CREEK 78/214

KAISER RESOURCES

EWIN CREEK AND BURNT RIDGE EXTENSION SECTION - 441,200

DESIGNED BY	DATE	SCALE
DRAWN BY	NOV. 1953	1" = 400'
CHECKED BY	NOV. 1953	1" = 400'
APPROVED BY		
DATE	187-9-3	



LEGEND

<input type="checkbox"/>	ELK MEMBER	} KOOTENAY FORMATION
<input type="checkbox"/>	COAL BEARING MEMBER	
<input type="checkbox"/>	MOOSE MOUNTAIN MEMBER	
<input type="checkbox"/>	FERME FORMATION	(UNDIFF.)
<input type="checkbox"/>	SPRAY RIVER FORMATION	(UNDIFF.)
<input type="checkbox"/>	PALEOZOIC (UNDIFF.)	

OUTCROPS COAL AND COAL BLOOM SAMPLE

SHALE

SILTSTONE

SANDSTONE

CONGLOMERATE

CONTACTS DEFINITE INFERRED

FAULTS OBSERVED INFERRED

NORMAL

HIGH ANGLE

THRUST

ADIT

INCLINED SHAFT

283

REV.	DATE	REVISION	DR.	CH.	APP.
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KAISER RESOURCES NATAL, B.C.

EWIN CREEK LICENCES

L. EWIN CREEK 78(2)A

DESIGNED SCALES

DRAWN HOR. 1" = 400'

CHECKED VERT.

APPROVED

DATE 187-9-2