

K-Shell-Ewin Pass 80(2)A

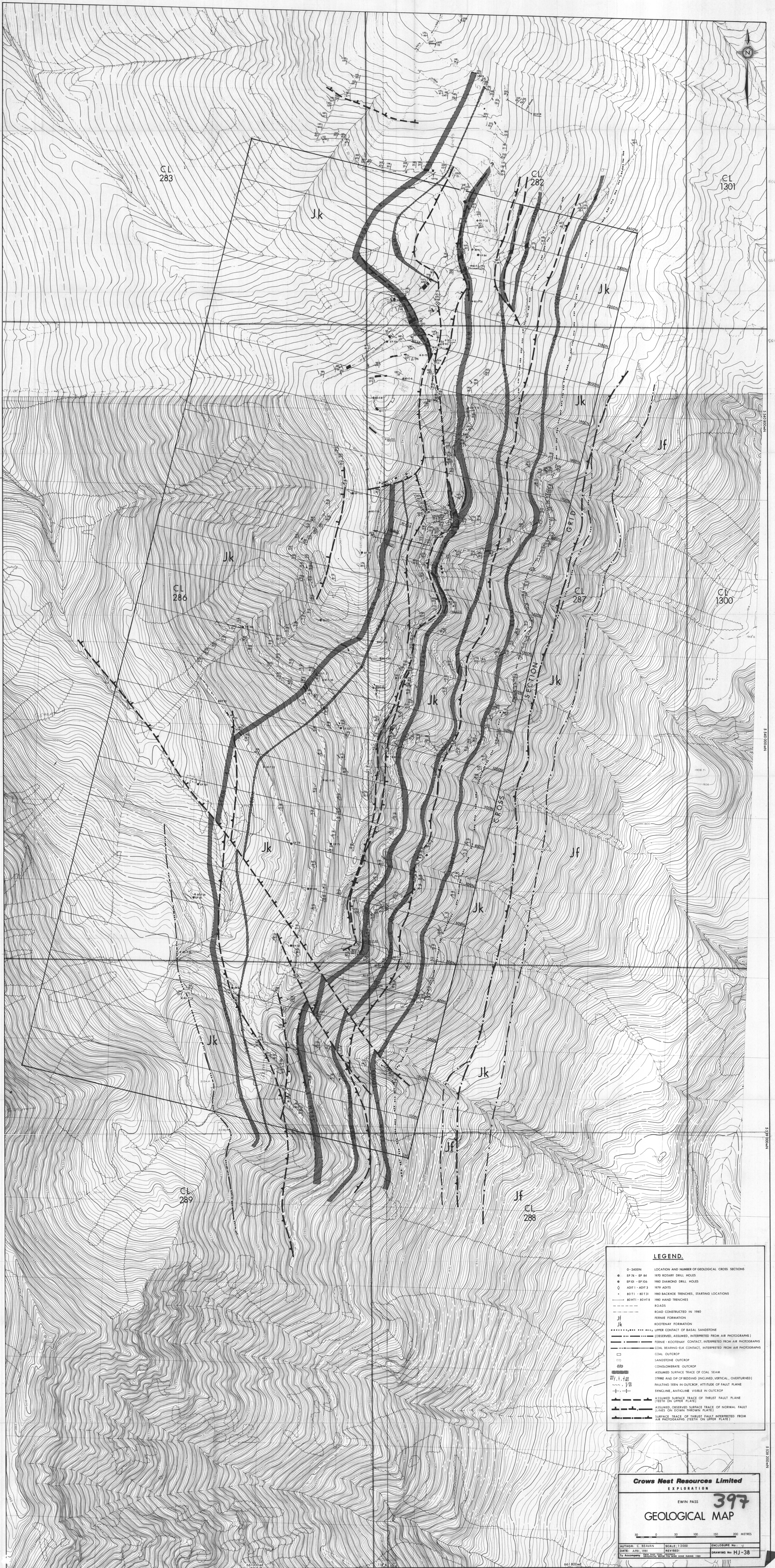
GEOLOGICAL BRANCH
ASSESSMENT DIVISION

"Ewin Pass Coal Property"
MAPS AND CROSS SECTIONS

CL# 283286-289
1302

00397

397



LEGEND.

0-2400N	LOCATION AND NUMBER OF GEOLOGICAL CROSS SECTIONS
EP 24 - EP 84	1970 ROTARY DRILL HOLES
EP 101 - EP 105	1980 DIAMOND DRILL HOLES
ADT 1 - ADT 3	1979 ADITS
BT 11 - BT 13	1980 BACKSIDE TRENCHES, STARTING LOCATIONS
BOHT 1 - BOHT 5	1980 HAND TRENCHES
ROADS	ROADS
ROAD CONSTRUCTED IN 1980	ROAD CONSTRUCTED IN 1980
Jf	FERRIS FORMATION
Jk	KOOTENAY FORMATION
.....	UPPER CONTACT OF BASAL SANDSTONE (OBSERVED, ASSUMED, INTERPRETED FROM AIR PHOTOGRAPHS)
-----	FERRIS - KOOTENAY CONTACT, INTERPRETED FROM AIR PHOTOGRAPHS
-----	COAL BEARING-IRK CONTACT, INTERPRETED FROM AIR PHOTOGRAPHS
-----	COAL OUTCROP
○○○	SANDSTONE OUTCROP
○○○	CONGLOMERATE OUTCROP
-----	ASSUMED SURFACE TRACE OF COAL SEAM
-----	STRIKE AND DIP OF BEDDING (INCLUDING VERTICAL, OVERTURNED)
-----	FAULTING VEIN IN OUTCROP, ATTITUDE OF FAULT PLANE
-----	SYNCLINE, ANTICLINE VISIBLE IN OUTCROP
-----	ASSUMED SURFACE TRACE OF THRUST FAULT PLANE (TEETH ON UPPER PLATE)
-----	ASSUMED OBSERVED SURFACE TRACE OF NORMAL FAULT (LINES ON DOWN THROWN PLATE)
-----	SURFACE TRACE OF THRUST FAULT INTERPRETED FROM AIR PHOTOGRAPHS (TEETH ON UPPER PLATE)

Crows Nest Resources Limited
EXPLORATION

EWIN PASS **397**
GEOLOGICAL MAP

0 100 200 METERS

AUTHOR: C. BEVAN	SCALE: 1:2000	ENCLOSURE No. 1
DATE: APRIL 1981		DRAWING No. HJ-38
BY: [Signature]		

E. Shell Ewin Pass R271A



EWIN PASS PROJECT

GROUP # 264

LEGEND

- JURASSIC & CRETACEOUS**
- Jk KOOTENAY FORMATION
- J JURASSIC
- Jf FERNIE GROUP
- T TRIASSIC
- Rsr SPRAY RIVER FORMATION
- PERMIAN & (?) PENNSYLVANIAN**
- Pr ROCKY MOUNTAIN FORMATION
- PALEOZOIC**
- M MISSISSIPPIAN
- Mr RUNDLE GROUP
- Met ETHERINGTON FORMATION
- Mmh MOUNT HEAD FORMATION
- Mlv LIVINGSTONE FORMATION
- GEOLOGICAL BOUNDARY (certain, assumed)
- 12- STRIKE & DIP OF BEDDING
- ↕ PLUNGING SYNCLINE (symmetrical, overturned)
- ↕ PLUNGING ANTICLINE (symmetrical, overturned)
- ▲ THRUST FAULT (teeth on upper plate)
- NORMAL FAULT (lines on downthrown plate)
- / - FAULT OF UNKNOWN RELATIVE MOVEMENT
- x SHELL MEASURED OUTCROP SECTION

Crows Nest Resources Limited

EXPLORATION

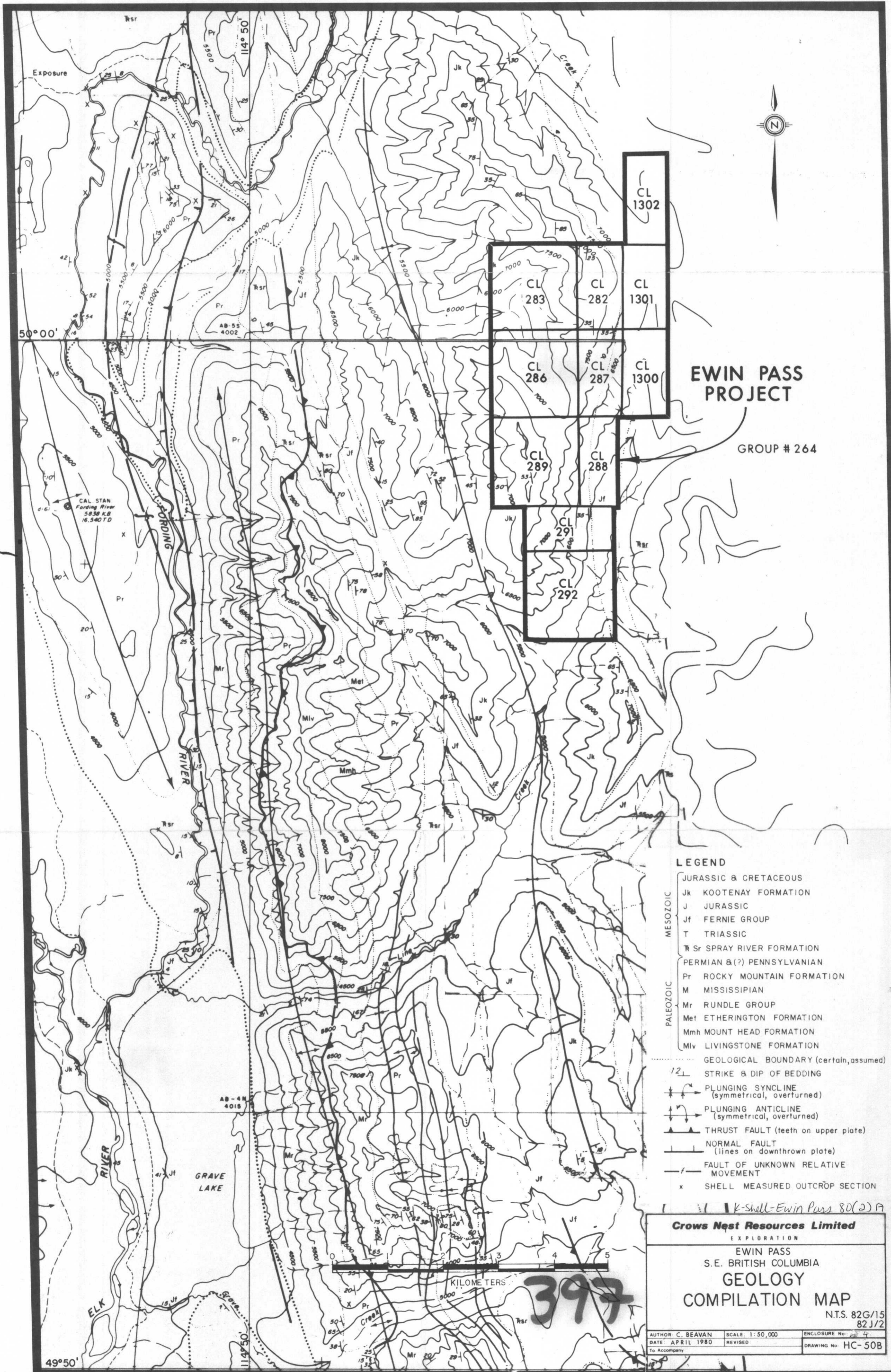
EWIN PASS
S.E. BRITISH COLUMBIA

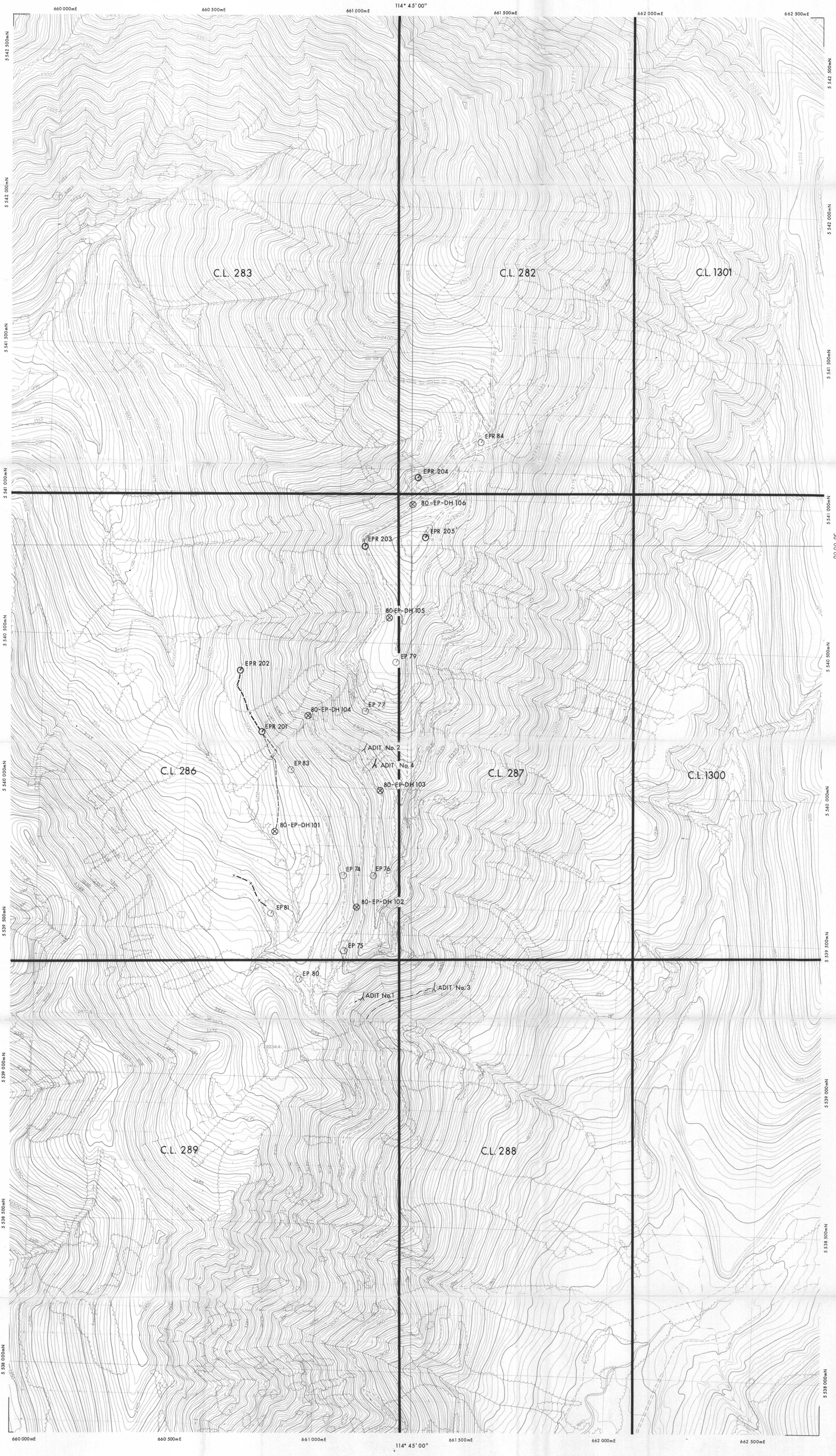
GEOLOGY COMPILATION MAP

N.T.S. 82G/15
82J/2

AUTHOR C. BEAVAN	SCALE 1:50,000	ENCLOSURE No. 4
DATE APRIL 1980	REVISED	DRAWING No. HC-50B
To Accompany		

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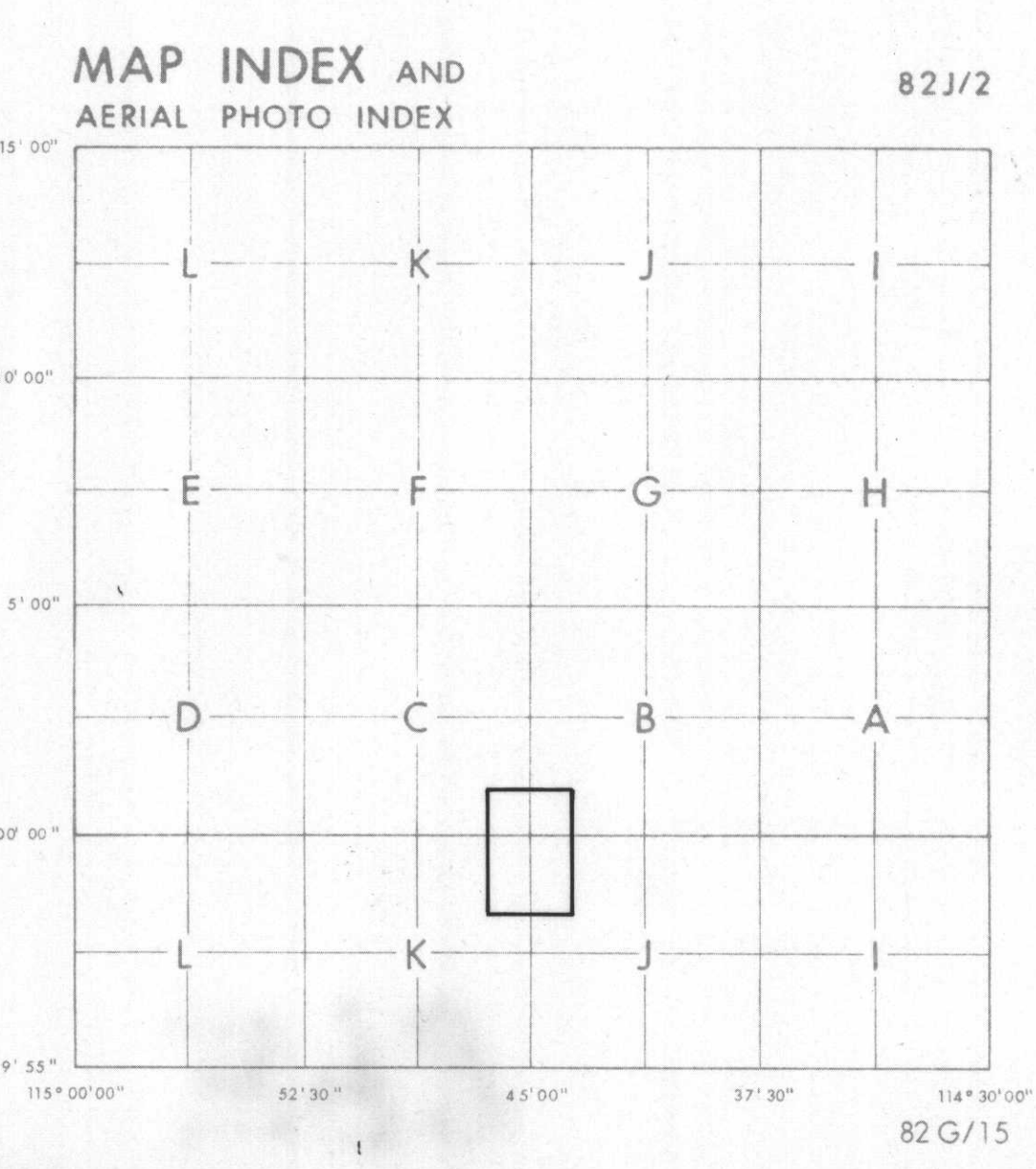
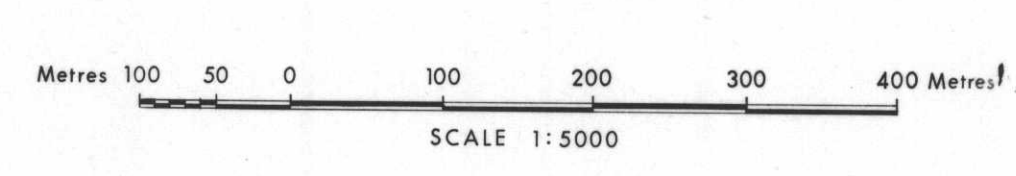


- LEGEND.**
- 1981 WORK
 - ROTARY DRILL HOLE
 - ADIT
 - - - SPUR ROAD
 - 1980 WORK
 - ⊗ DIAMOND DRILL HOLE
 - - - SPUR ROAD
 - 1979 WORK
 - ADIT
 - - - SPUR ROAD
 - 1970 WORK
 - ROTARY DRILL HOLE

- REFERENCE**
- MAIN ROAD
 - SECONDARY ROAD
 - TRACK OR TRAIL
 - RAILWAY
 - HEDGE FENCE
 - BRIDGE CULVERT
 - CUT FILL
 - SWAMP
 - DRILL HOLE
 - RIVER LAKE
 - INTERMITTENT RIVER
 - TRILED AREA
 - LINE OF TREES
 - INDIVIDUAL TREES
 - VERTICAL INTERVAL
 - DEPRESSION
 - SPOT HEIGHT
 - CONTROL POINT

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
CENTRAL MERIDIAN REFERENCE 111° W.

PREPARED BY:
NORTH WEST SURVEY CORPORATION (YUKON) LTD.
404 W. 101 ST.



398
Sheet
K-2 Ewin Pass 81(2)-A

Crows Nest Resources Limited
EXPLORATION

EWIN PASS
S.E. BRITISH COLUMBIA

WORK SUMMARY MAP

NTS. 82 J2 / 82 G15		ZONE 11
AUTHOR: C. PASEMKO	SCALE: 1:5000	ENCLOSURE No: 5
DATE: 82 01 28	REVISED:	DRAWING No: HH-95
To Accompany		

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Enclosure 12

STRATIGRAPHIC SECTION

DESIGNATION:	PART _____ OF _____
PROJECT:	AUTHOR:
AREA: EWIN PASS	DATE: 19 _____
LOCATION: TYPICAL STRATIGRAPHIC SECTION	SOURCE OF DATA:

SCALE	CONTROL POINT	INTERVAL	LITHOLOGY	STRIKE & DIP	DESCRIPTION		SAMPLE	
					MAIN	AMPLIFIED		
					SEAM NO.	GROSS COAL SECTION	NET COAL	
350								Interbedded Sandstone, Siltstone, & Shale
								Sandstone
								Interbedded Siltstone & Shale
					4	7.8	7.8	Coal
								Interbedded Sandstone, Siltstone, & Shale
300					5	2.2	2.0	Coal
								Interbedded Sandstone, Siltstone, & Shale
					6	0.8	0.5	Coal
								Interbedded Sandstone & Siltstone
								Sandstone
250								Interbedded Sandstone & Siltstone
								Sandstone
								Siltstone
200					8	13.5	13.5	Coal
								Interbedded Sandstone, Siltstone, & Shale
								Interbedded Siltstone & Shale
								Interbedded Siltstone & Shale
								Sandstone
100					9	8.3	8.0	Coal
					10B	1.7	1.0	Interbedded Siltstone & Shale Coal
					10A	1.7	1.0	Interbedded Siltstone & Shale Coal Interbedded Siltstone & Shale
50								Sandstone
0								Interbedded Siltstone, Sandstone, & Shale
								Shale

KOOTENAY FORMATION

COAL-BEARING MEMBER

BASAL SANDSTONE UNIT

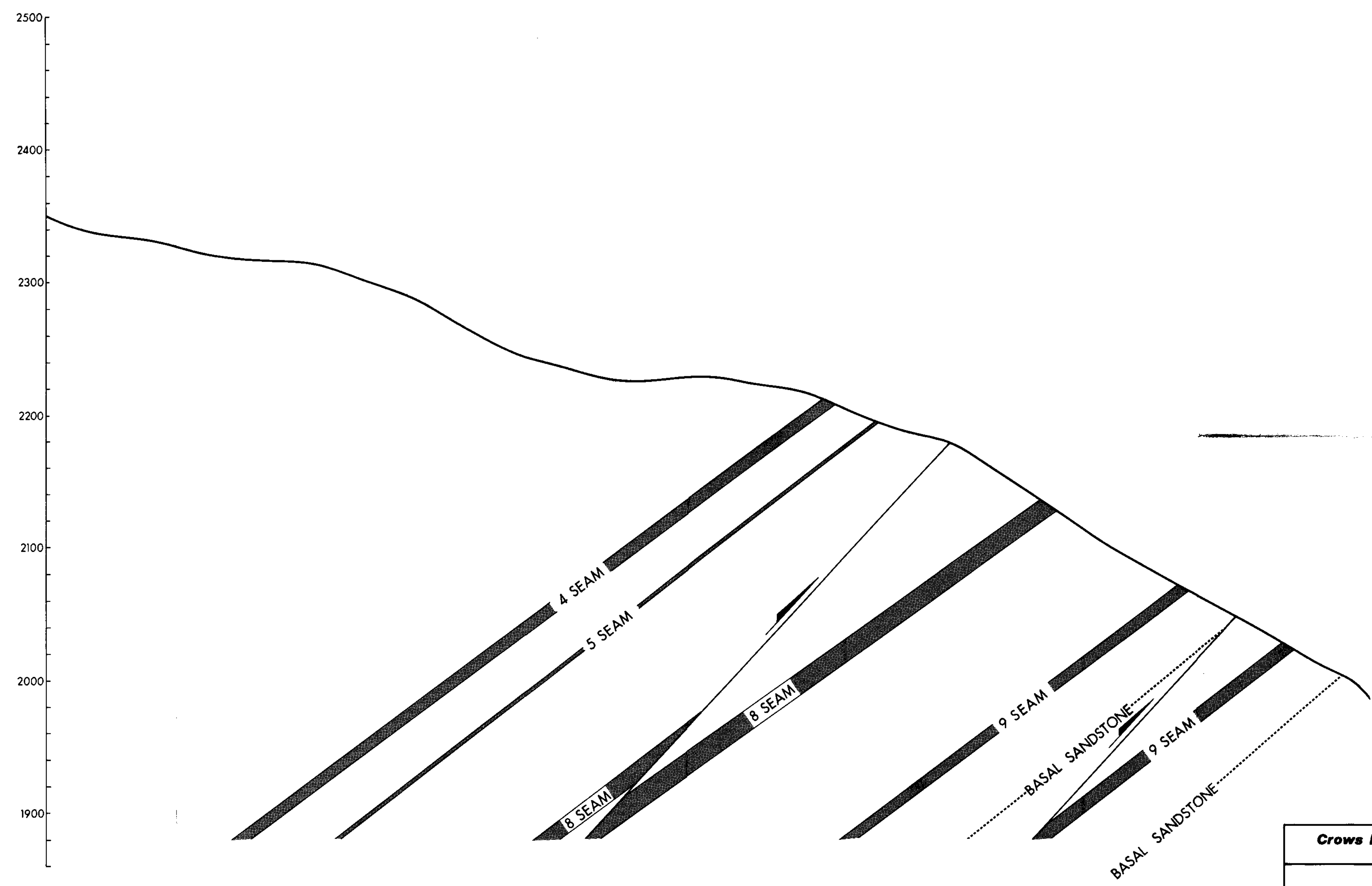
PASSAGE BEDS

FERNIE FORMATION

FERNIE SHALE

WEST

EAST



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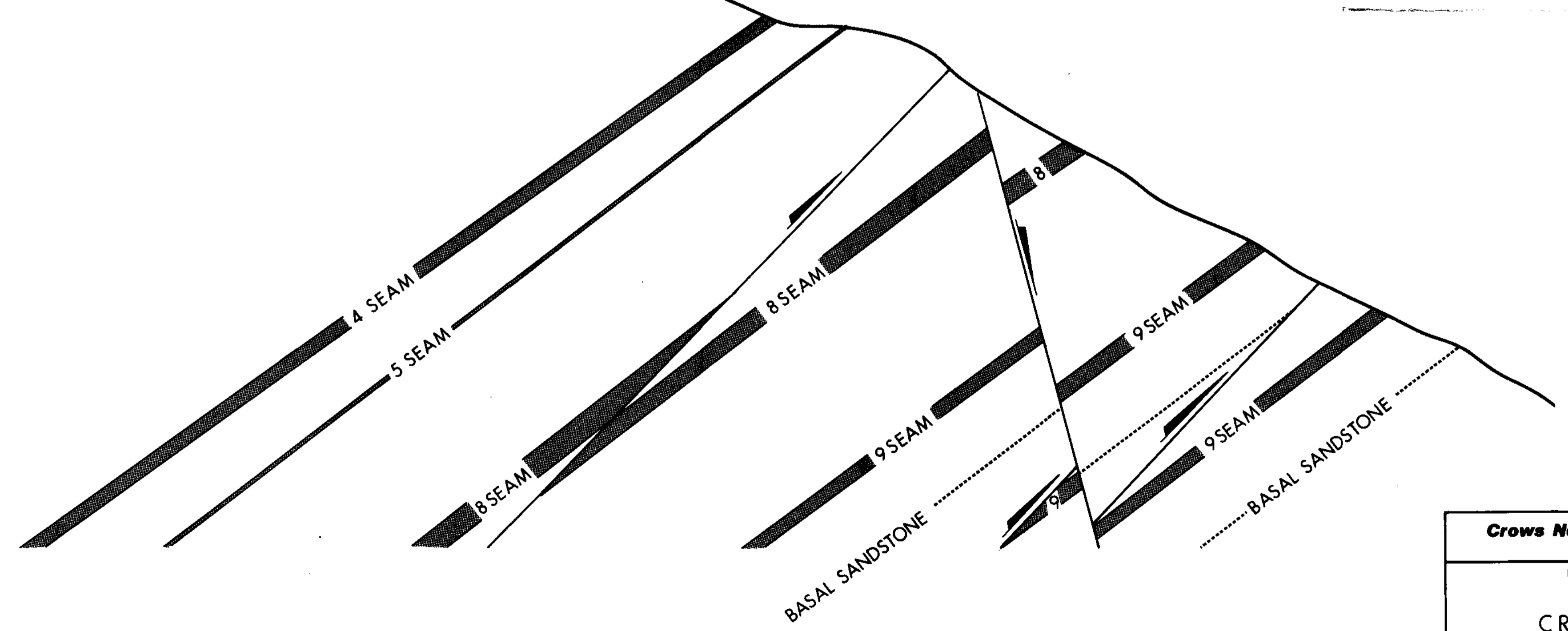
K-Shell Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 0		
AUTHOR: BEAVAN	SCALE: 1:2000	ENCLOSURE No: 14
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST

2500
2400
2300
2200
2100
2000
1900



397

K-Shell Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 100N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 15
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST

2500

2400

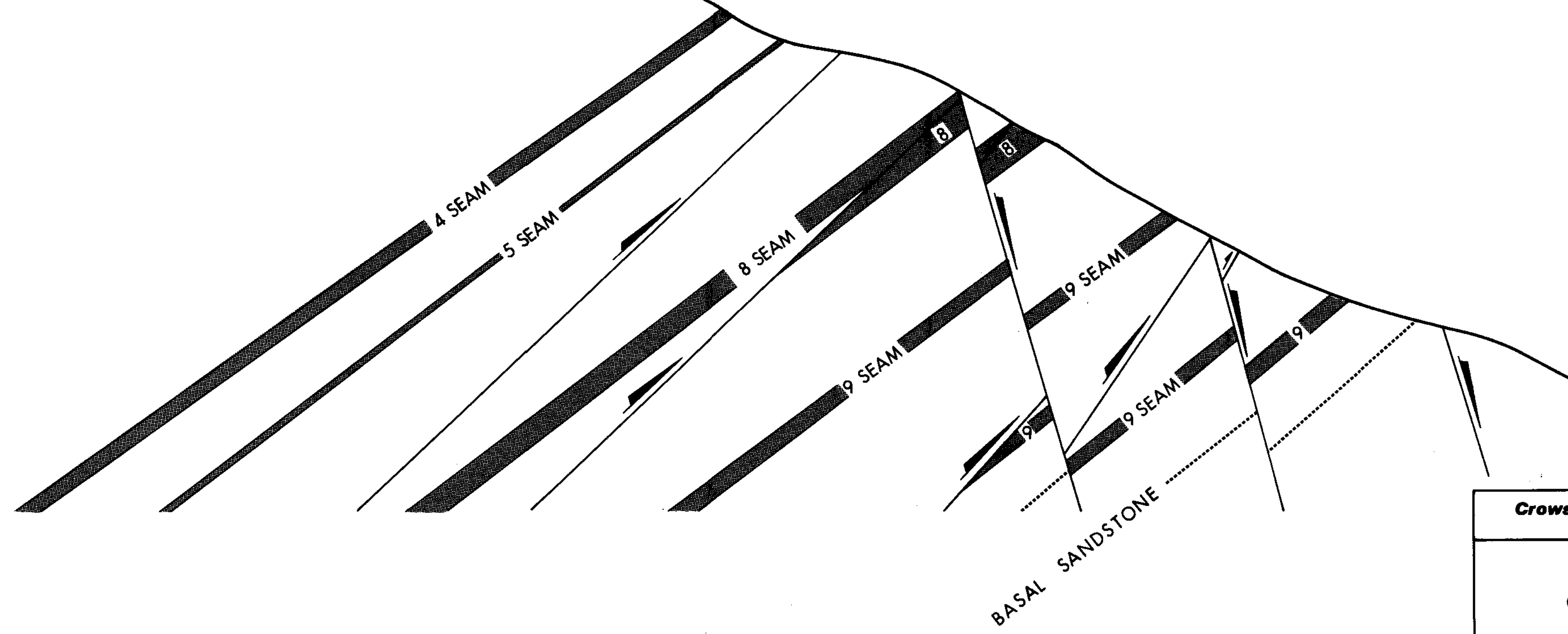
2300

2200

2100

2000

1900



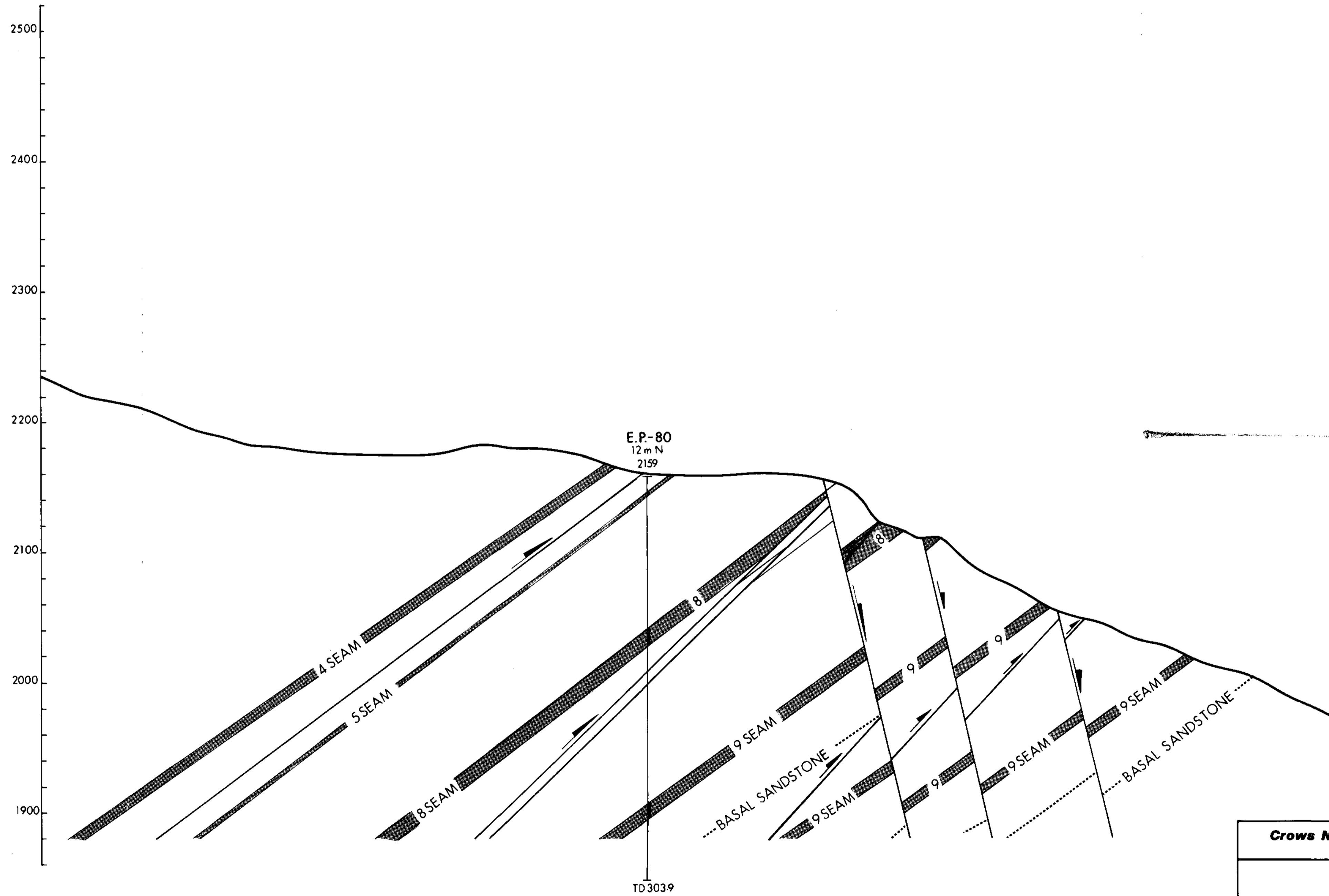
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K-Shell Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 200N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 16
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

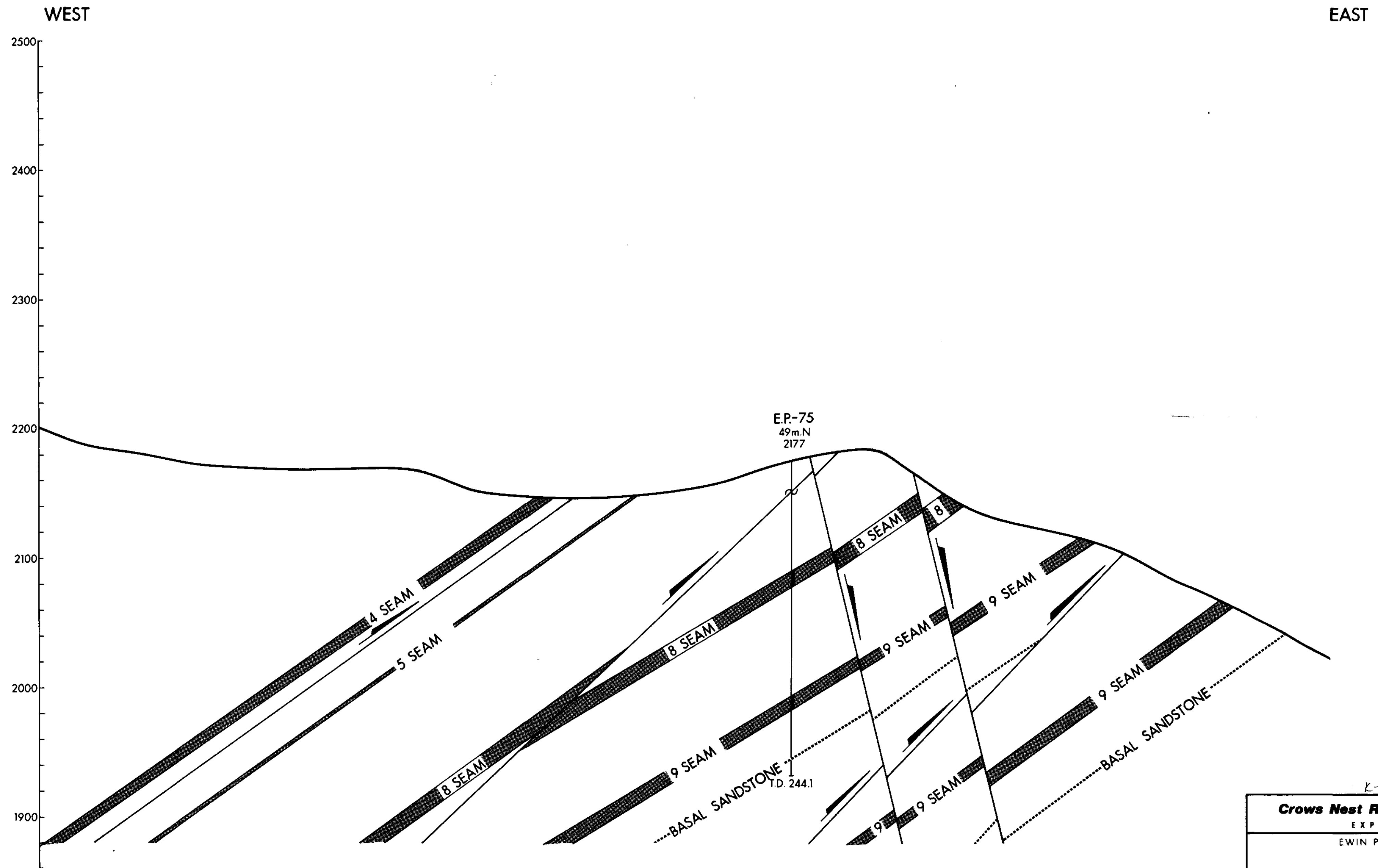
EAST



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K-Shell Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 300N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 17
DATE: 81 04 20	REVISED:	DRAWING No:
<small>To Accompany</small>		



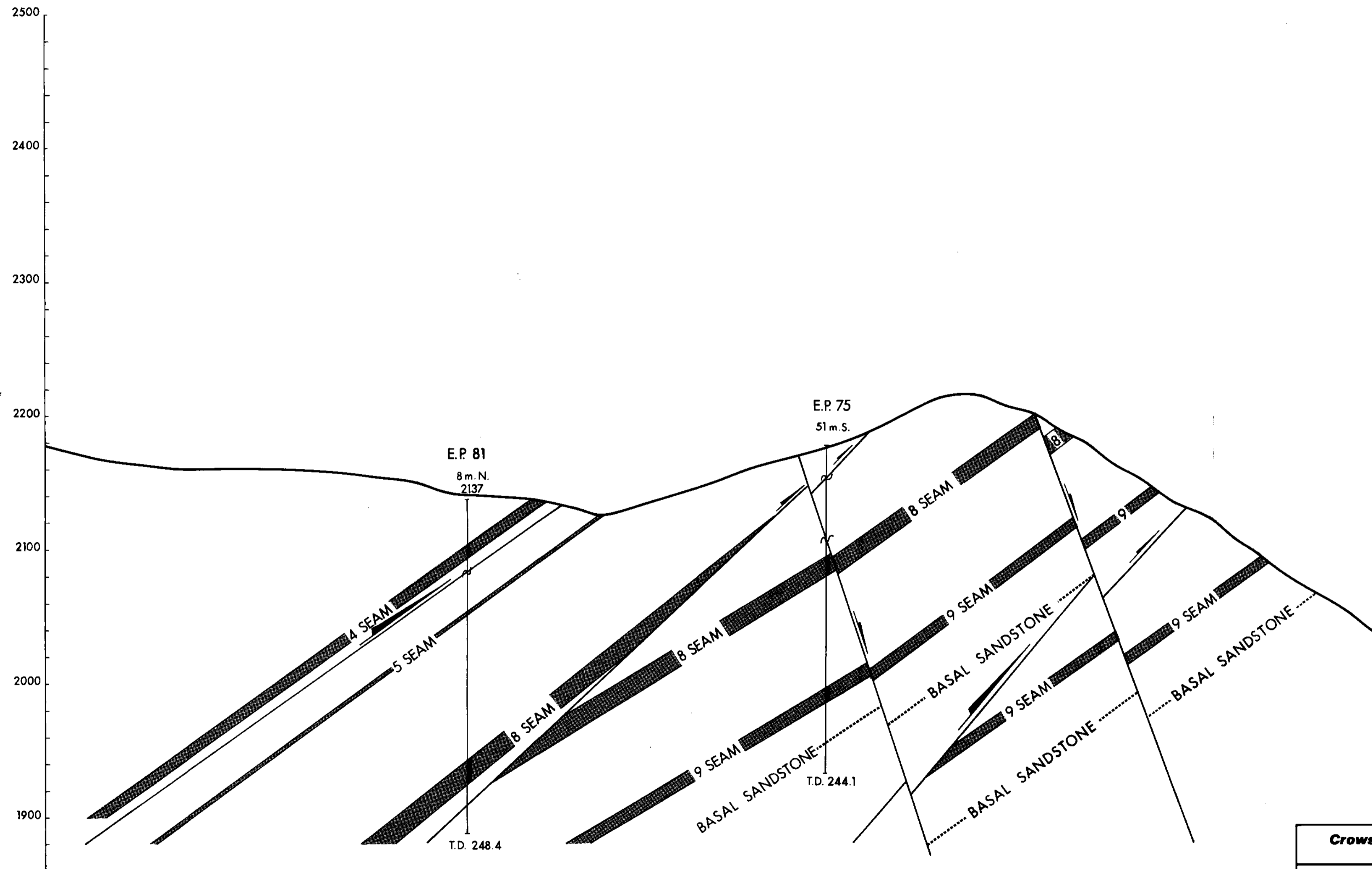
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K-Shell Ewin Pass 80(e)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 400N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 28
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST



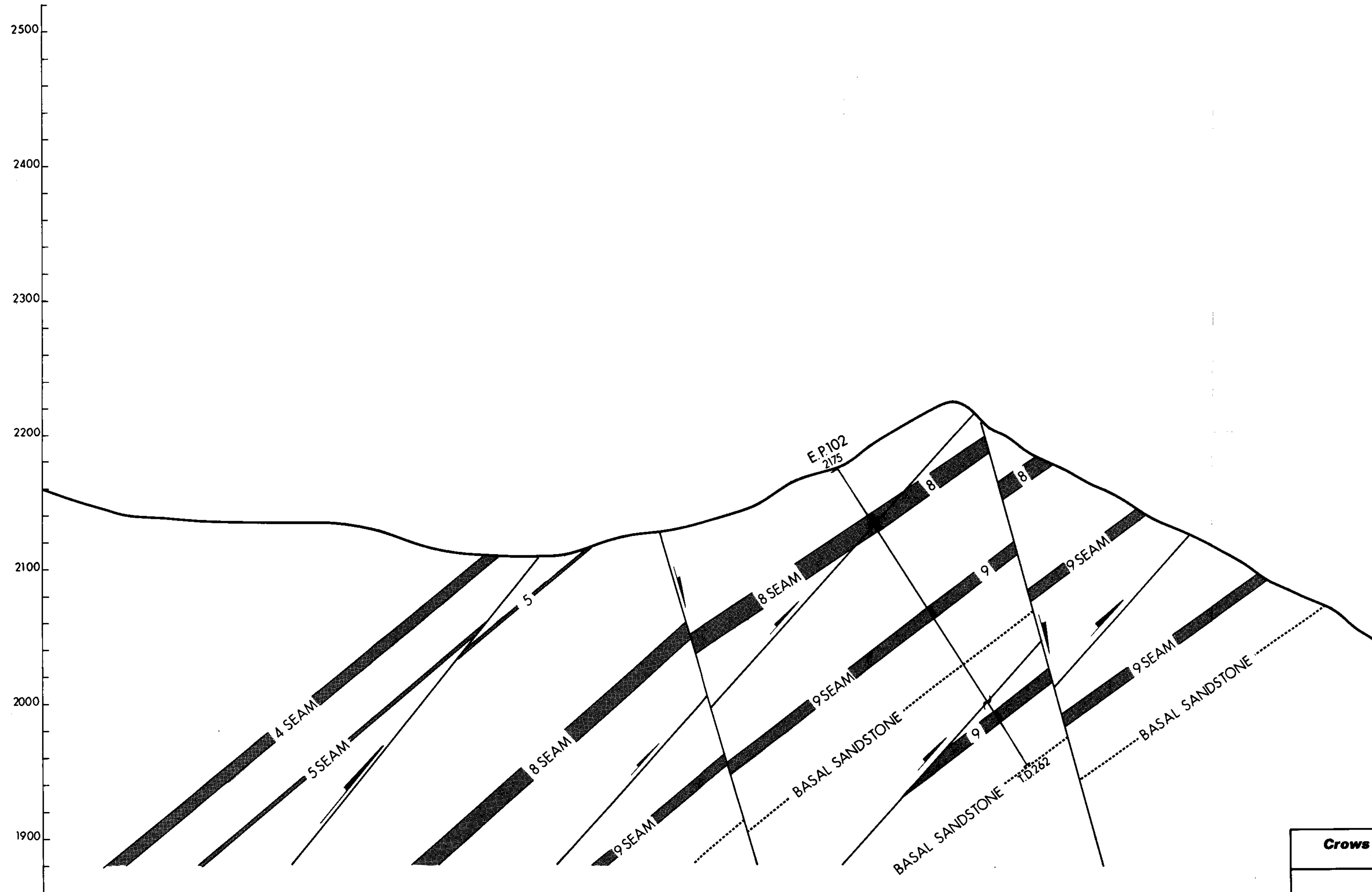
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
 CROSS SECTION 500N 		
AUTHOR: C. BEVAN	SCALE: 1:2000	ENCLOSURE No: 19
DATE: 81 04 20	REVISED:	DRAWING No:
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WEST

EAST



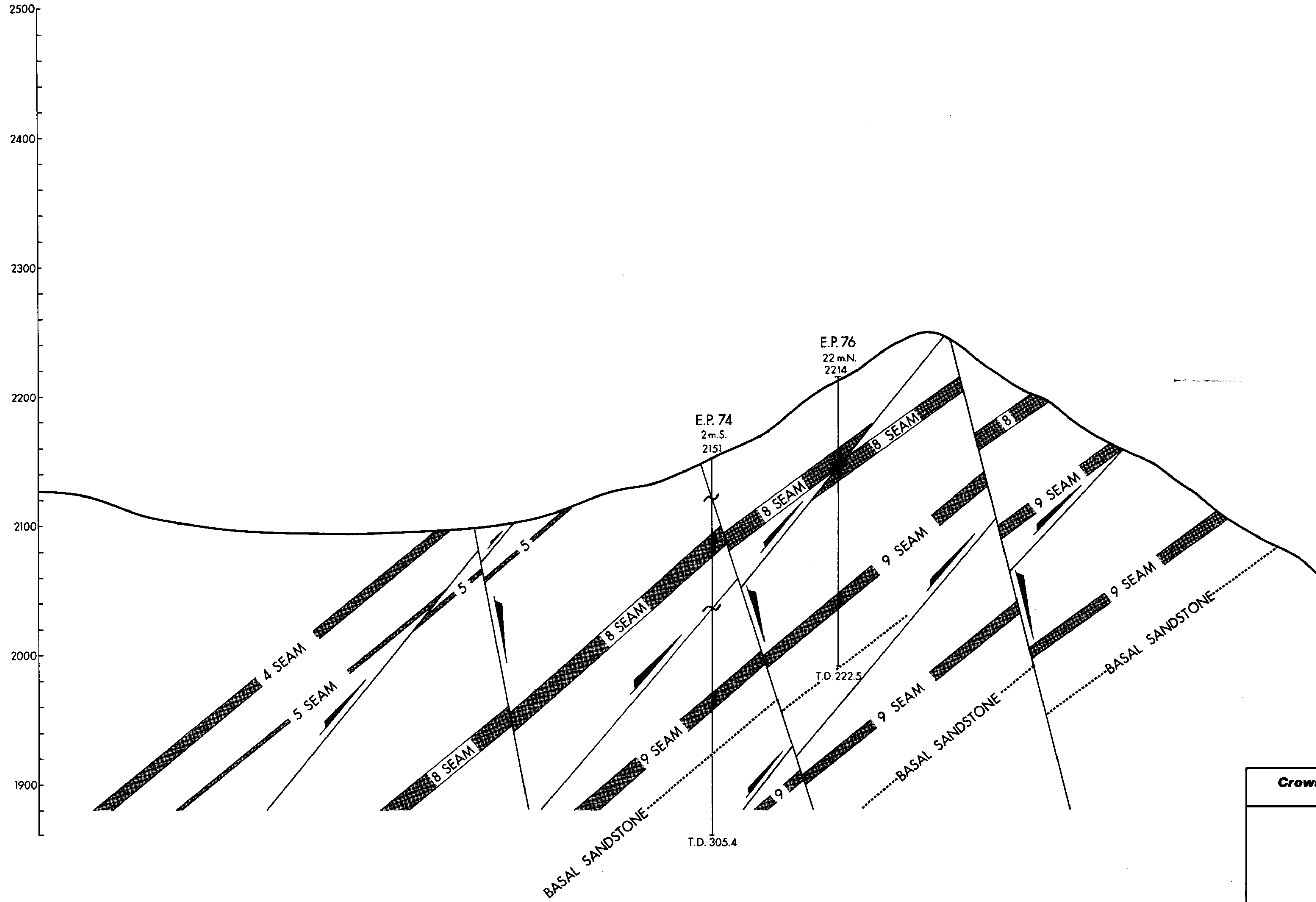
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 600N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 20
DATE: 81.04.20	REVISED:	DRAWING No:
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WEST

EAST



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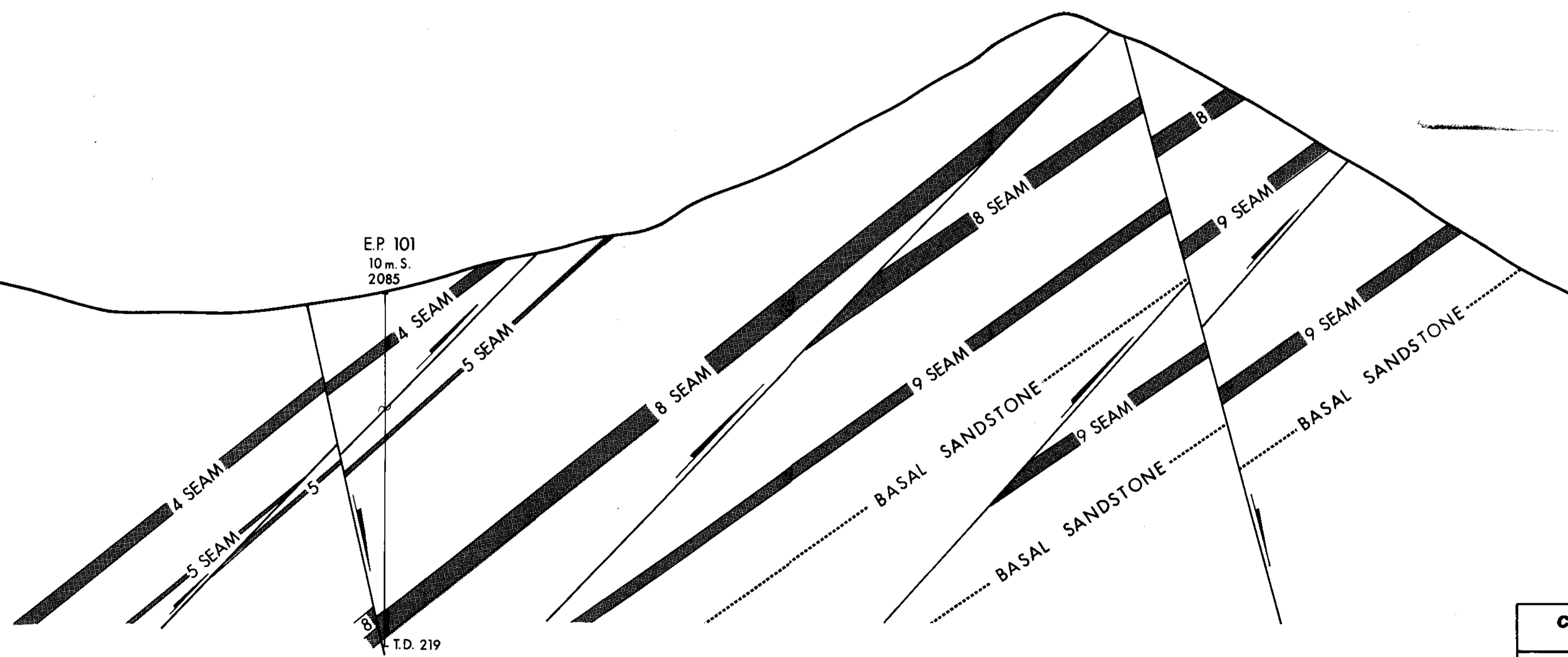
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Crows Nest Resources Limited		
EXPLORATION		
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CROSS SECTION 700N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 27
DATE: 81.04.20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST

2500
2400
2300
2200
2100
2000
1900



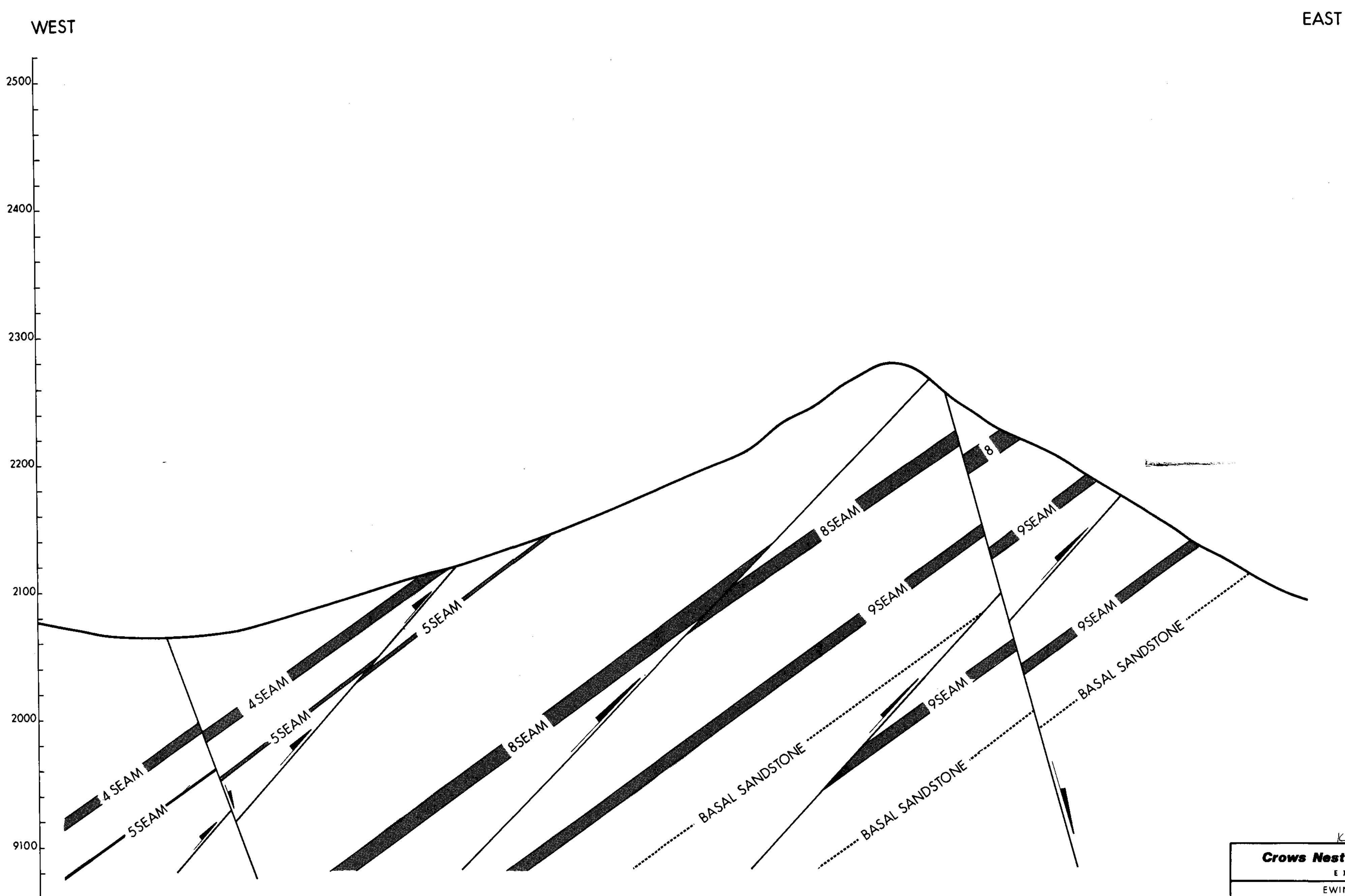
E.P. 101
10 m. S.
2085

T.D. 219

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K-Shell - Ewin Pass 80(a)A

Crows Nest Resources Limited		
EXPLORATION		
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 22
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		



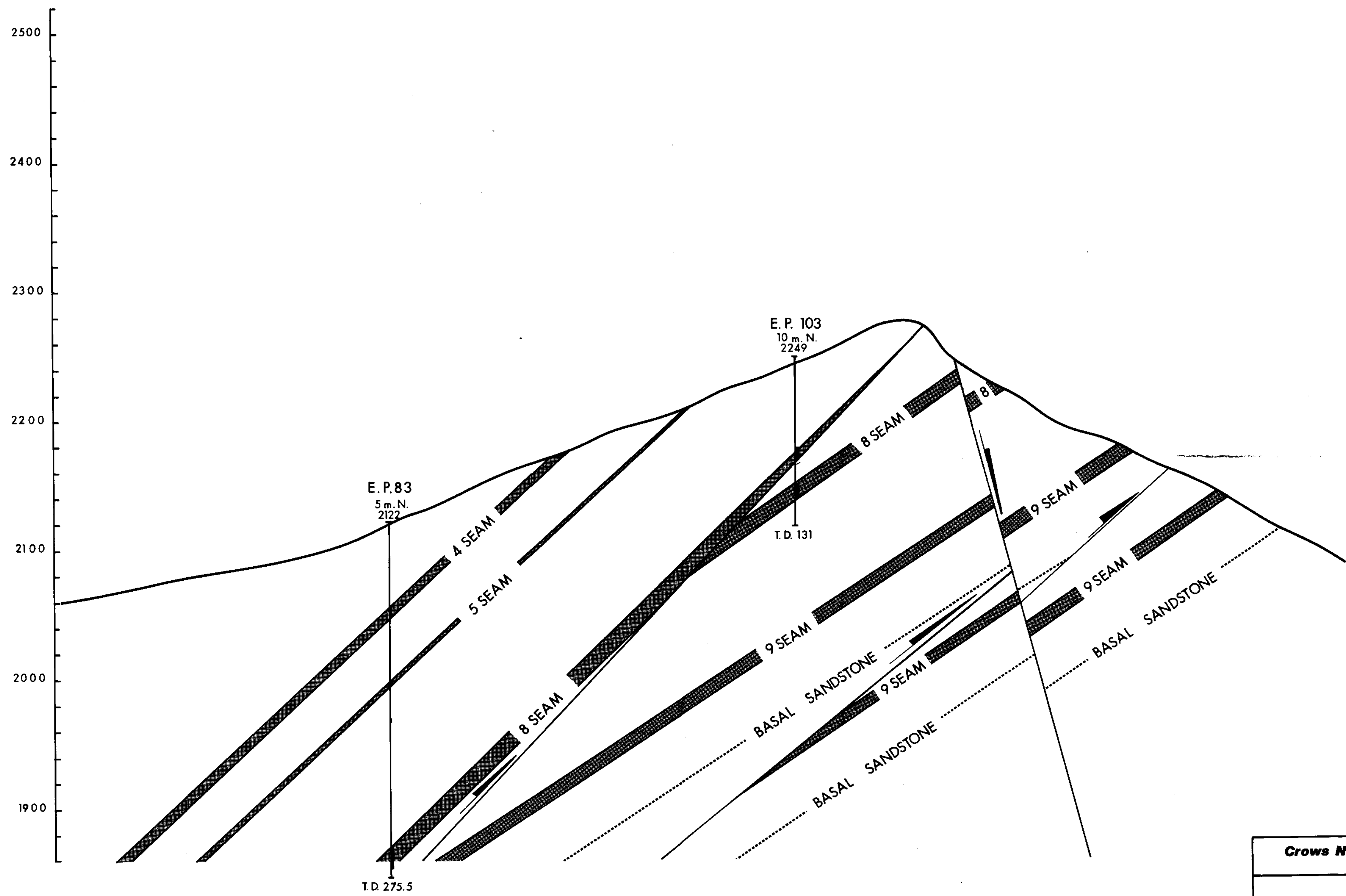
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 900N		
AUTHOR: C BEAVAN	SCALE: 1:2000	ENCLOSURE No: 23
DATE: 81 04 20	REVISED:	DRAWING No:
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WEST

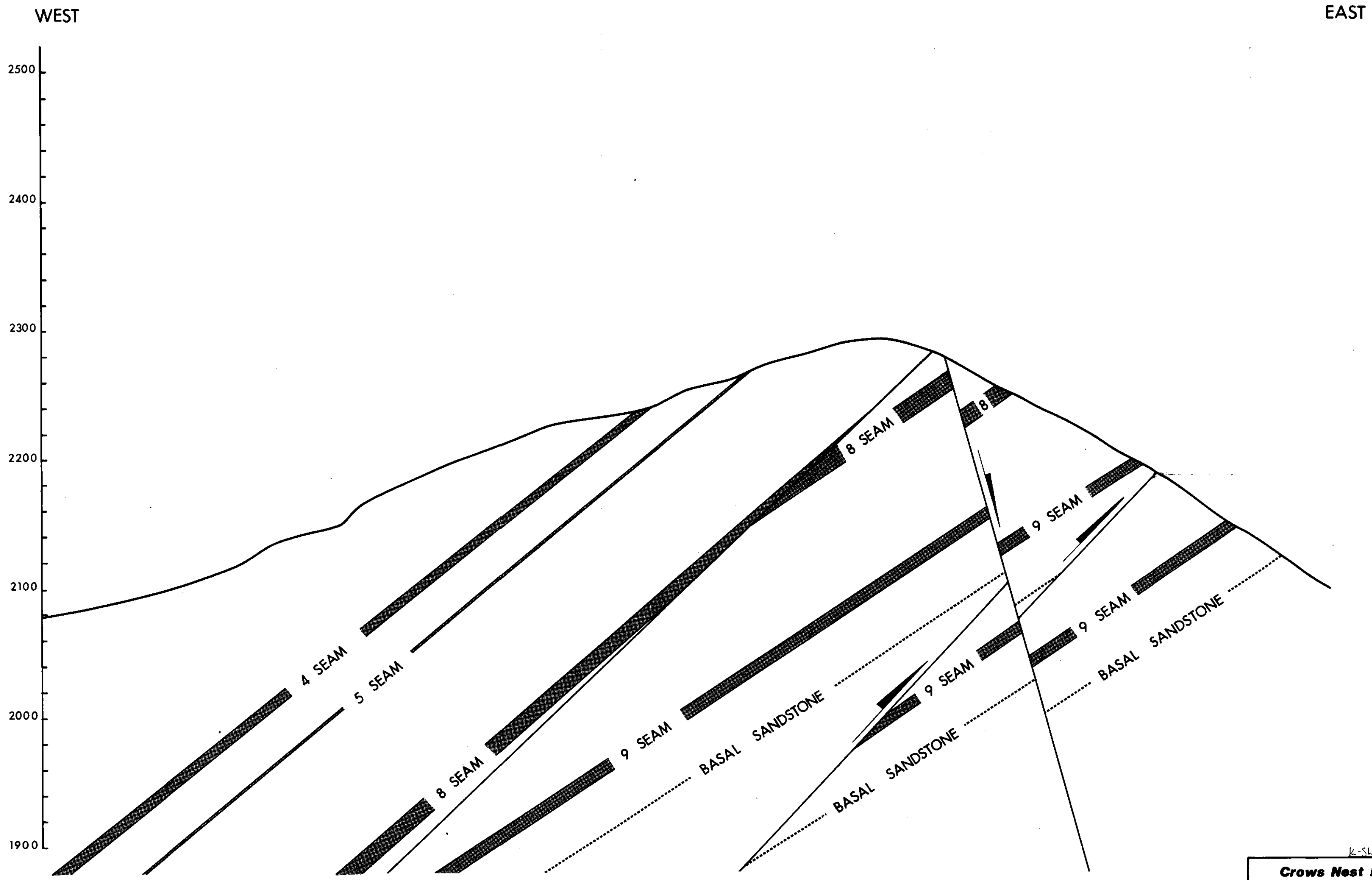
EAST



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K-Shel-Ewin Pass 80(2)A

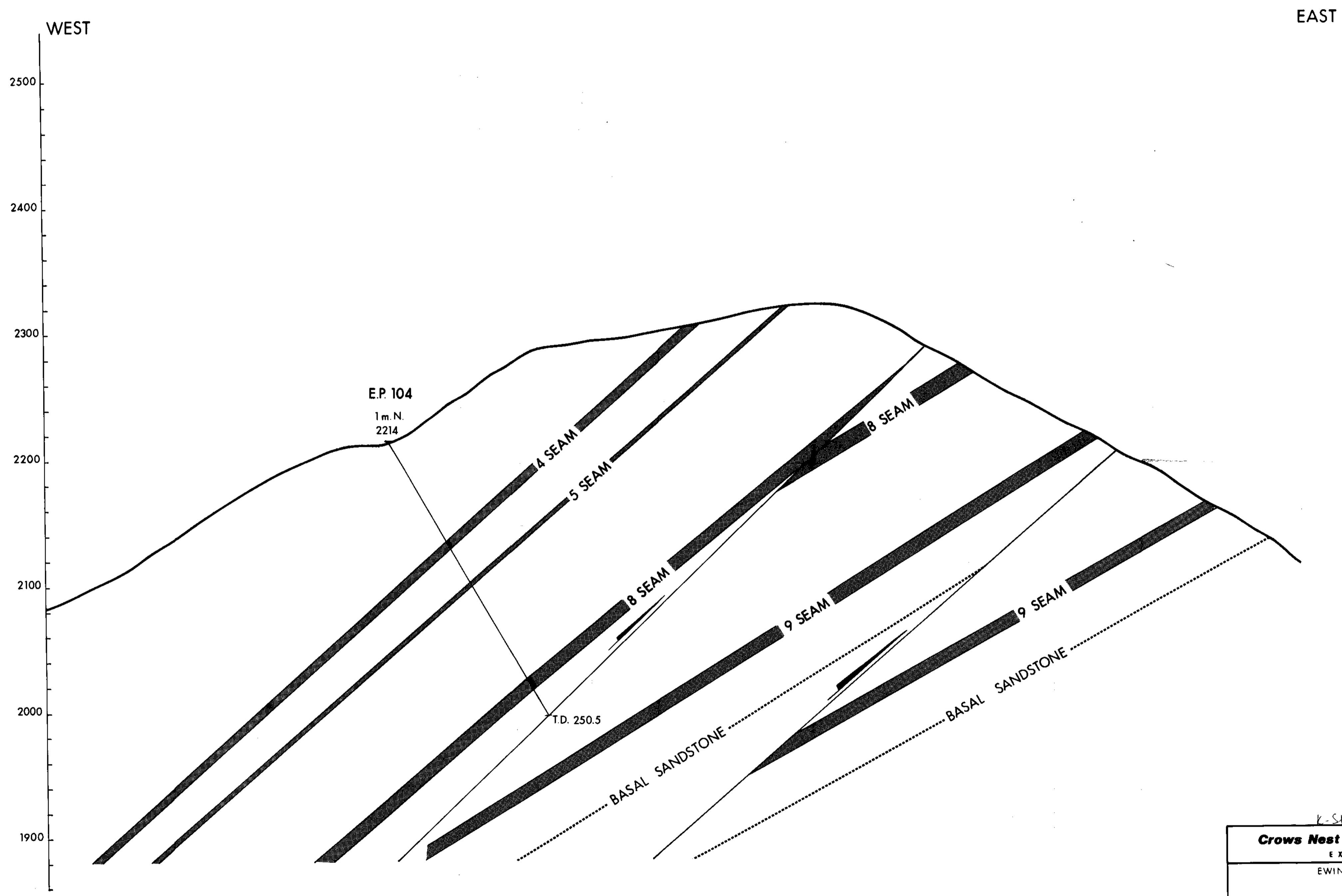
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EXPLORATION		
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 24
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K-Shell-Ewin Pass 80(2)A

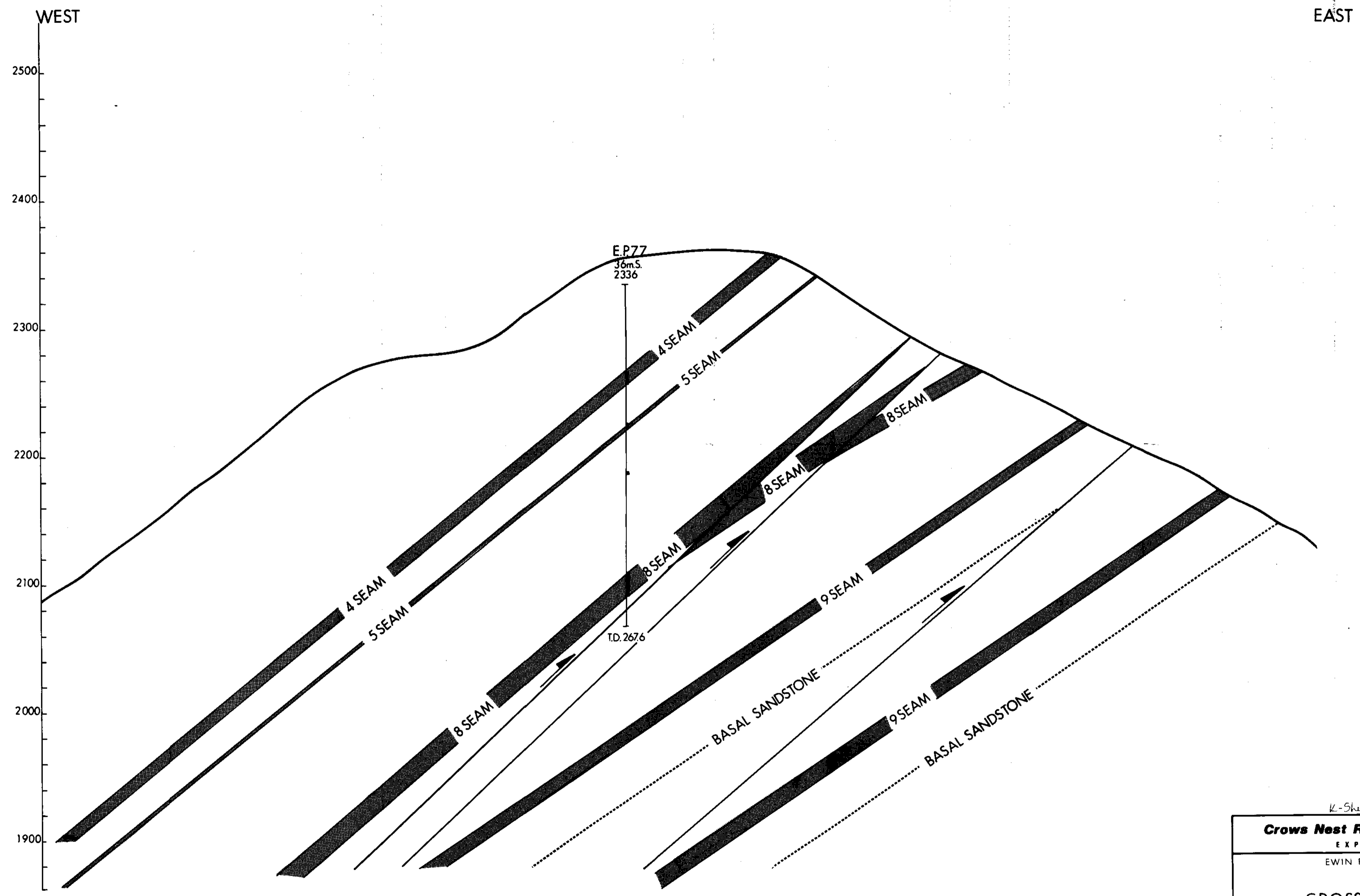
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 25
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K. Skell - Ewin Pass 80(2)A

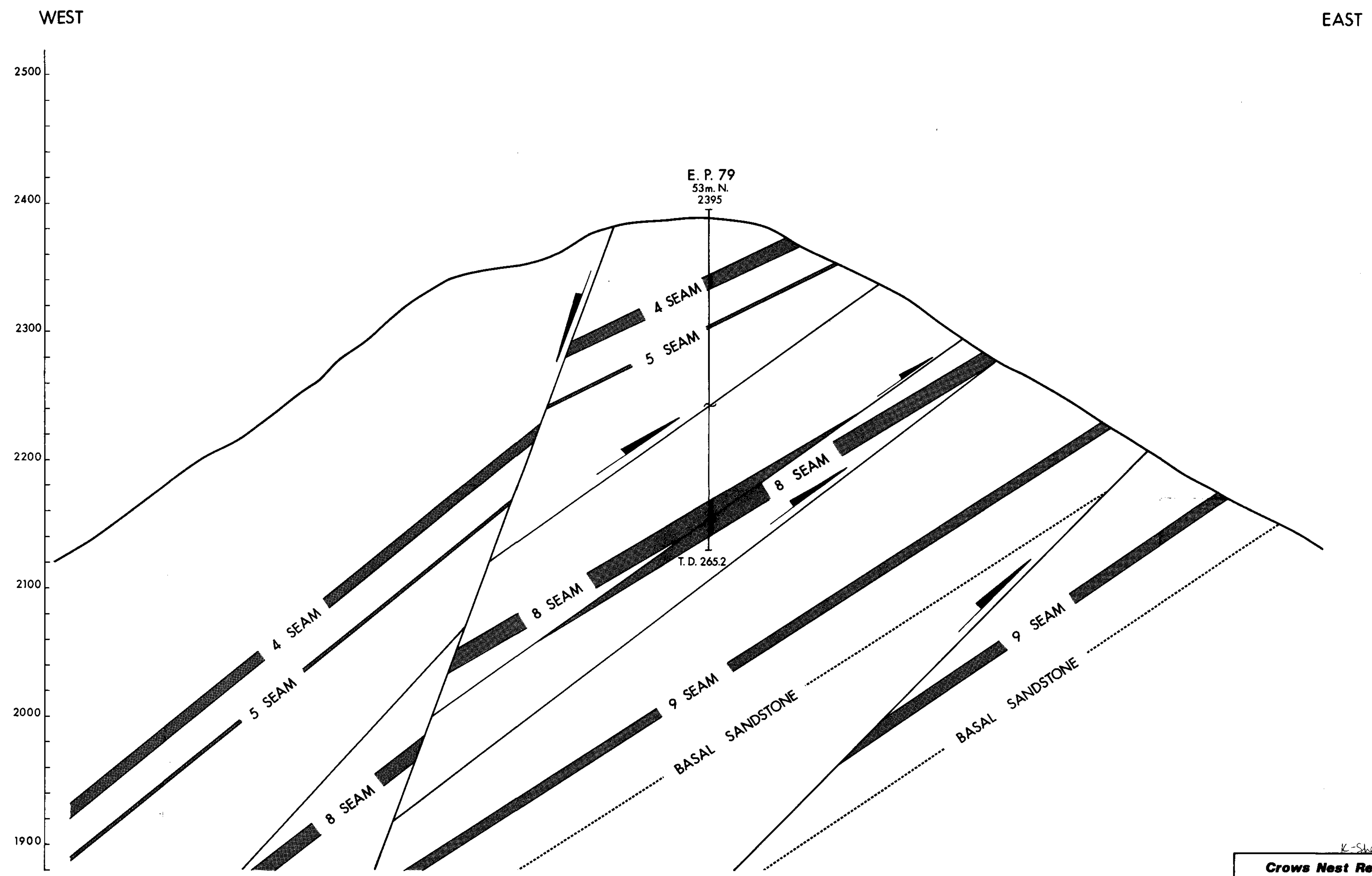
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 26
DATE: 81 04 20	REVISED:	DRAWING No:
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 1300N		
AUTHOR: BEAVAN	SCALE: 1:2000	ENCLOSURE No: 27
DATE: 8/04/20	REVISED:	DRAWING No:
To Accompany:		



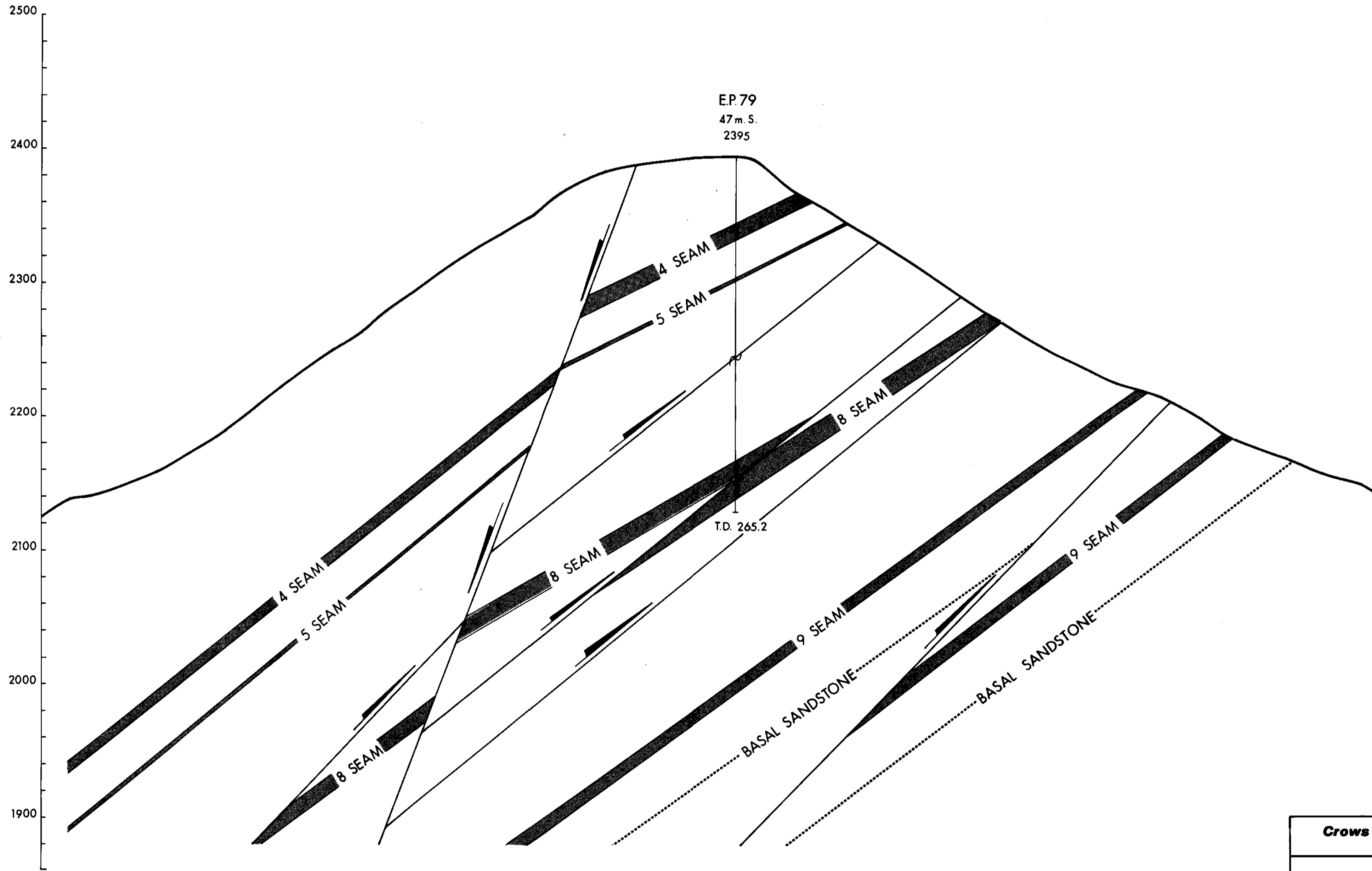
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K-Skull-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 1400N		
AUTHOR: C. BEAVAN	SCALE: 2000	ENCLOSURE No: 27
DATE: 01 04 20	REVISED:	DRAWING No:
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WEST

EAST



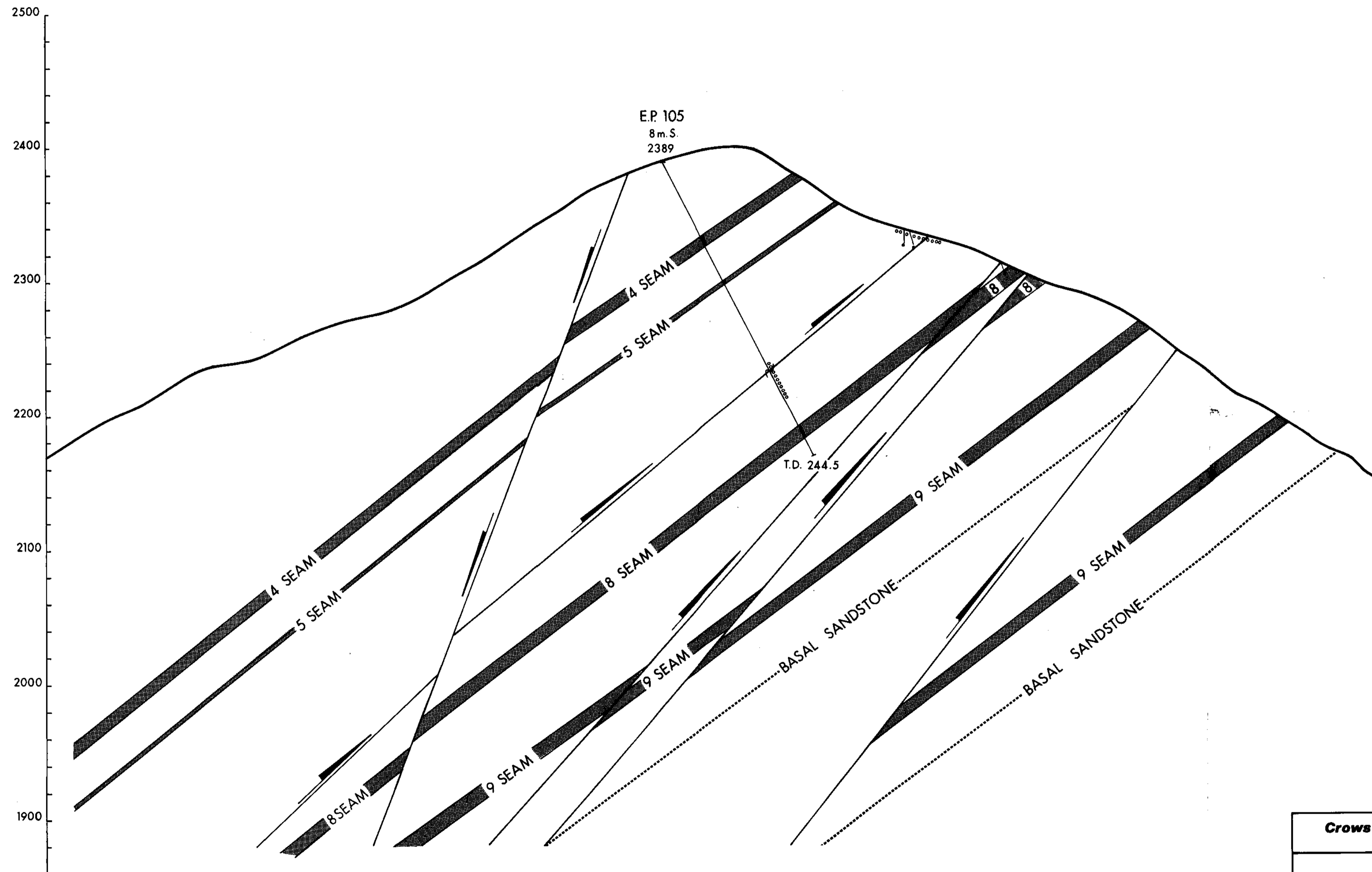
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION		
1500N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No. 79
DATE: 81 04 20	REVISED:	DRAWING No:
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WEST

EAST



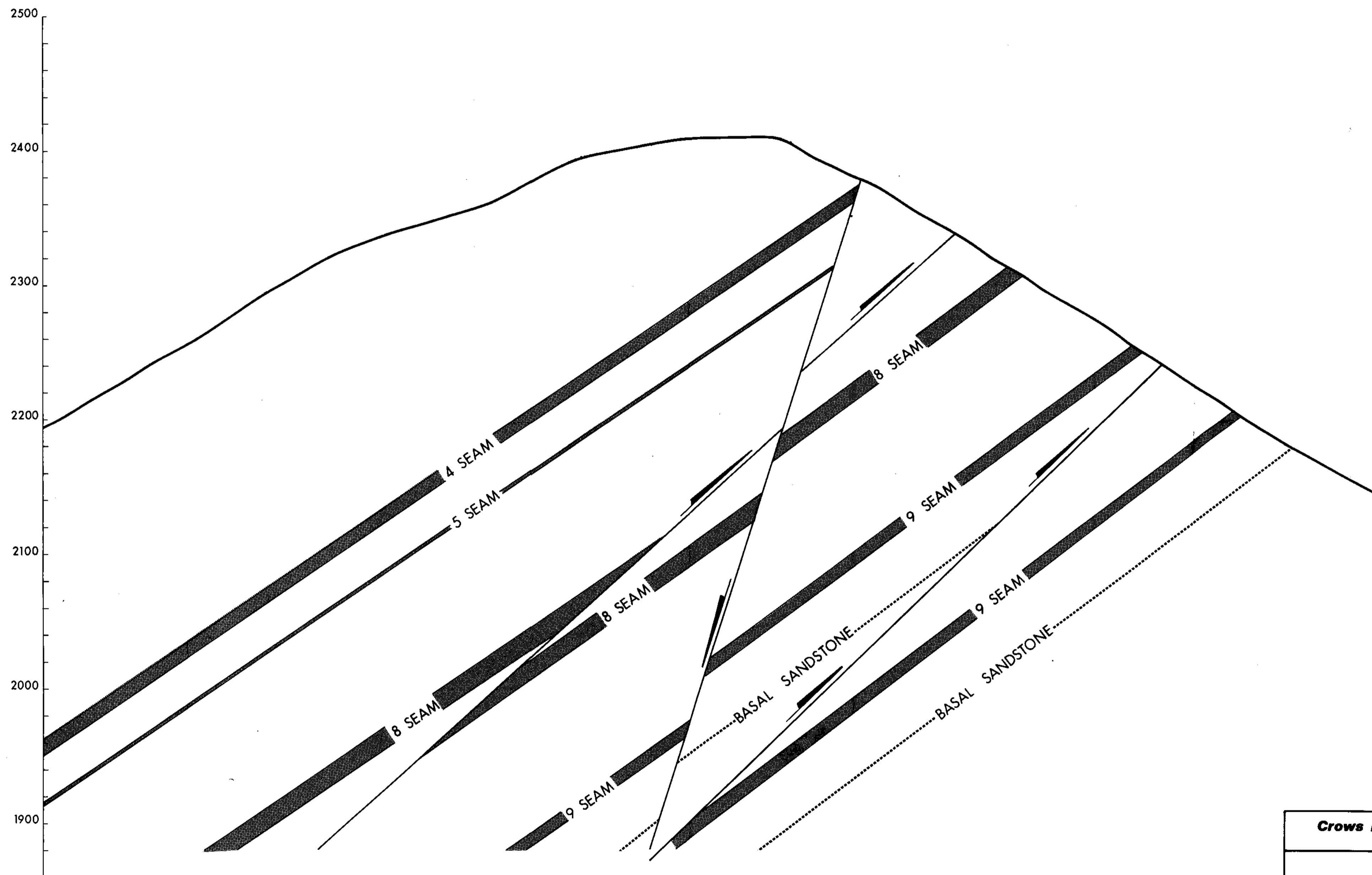
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K-Still-Ewin Pass 20(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 1600N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 30
DATE: 31 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST



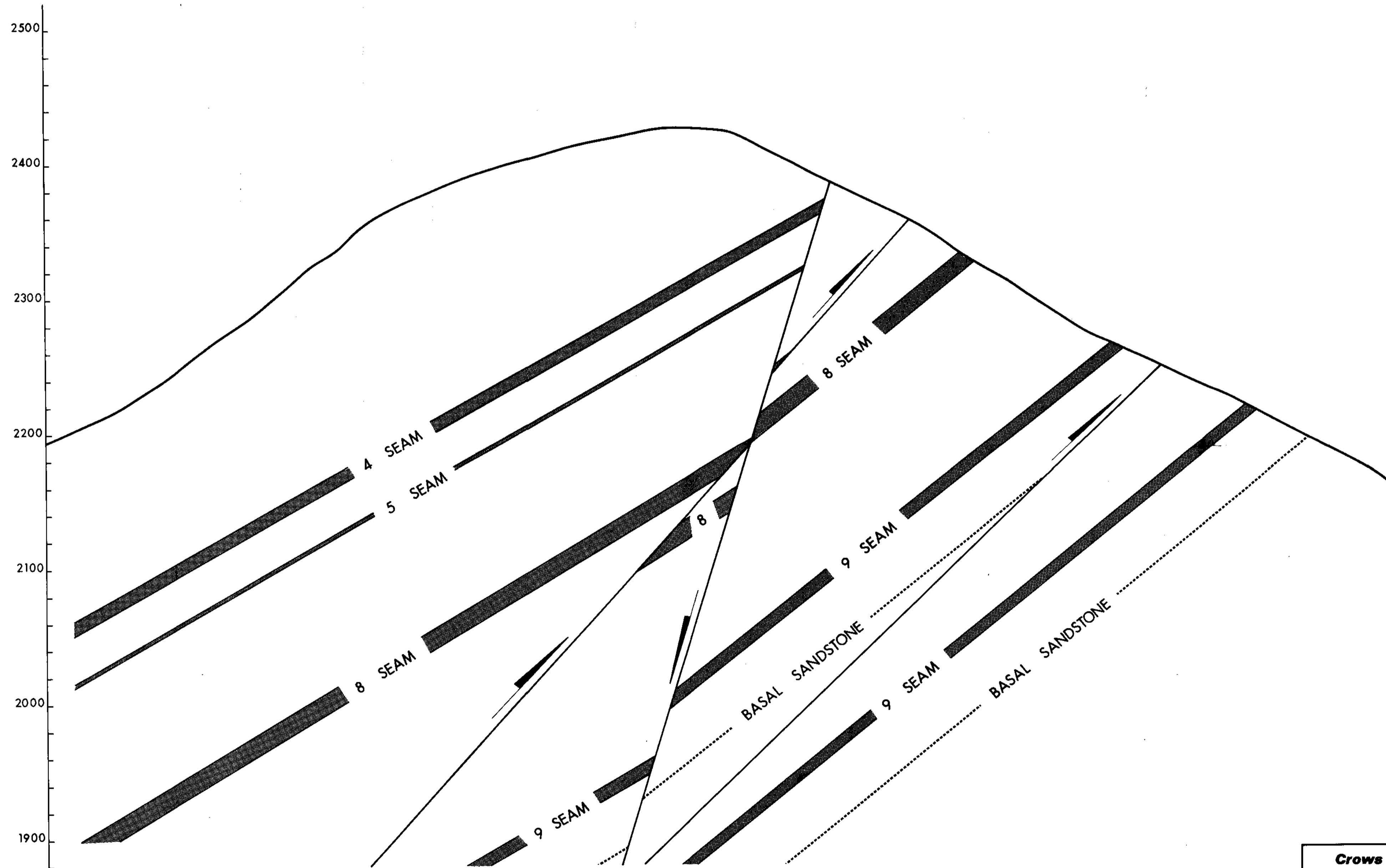
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K-Shell - Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION		
1700N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 3/
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		

WEST

EAST



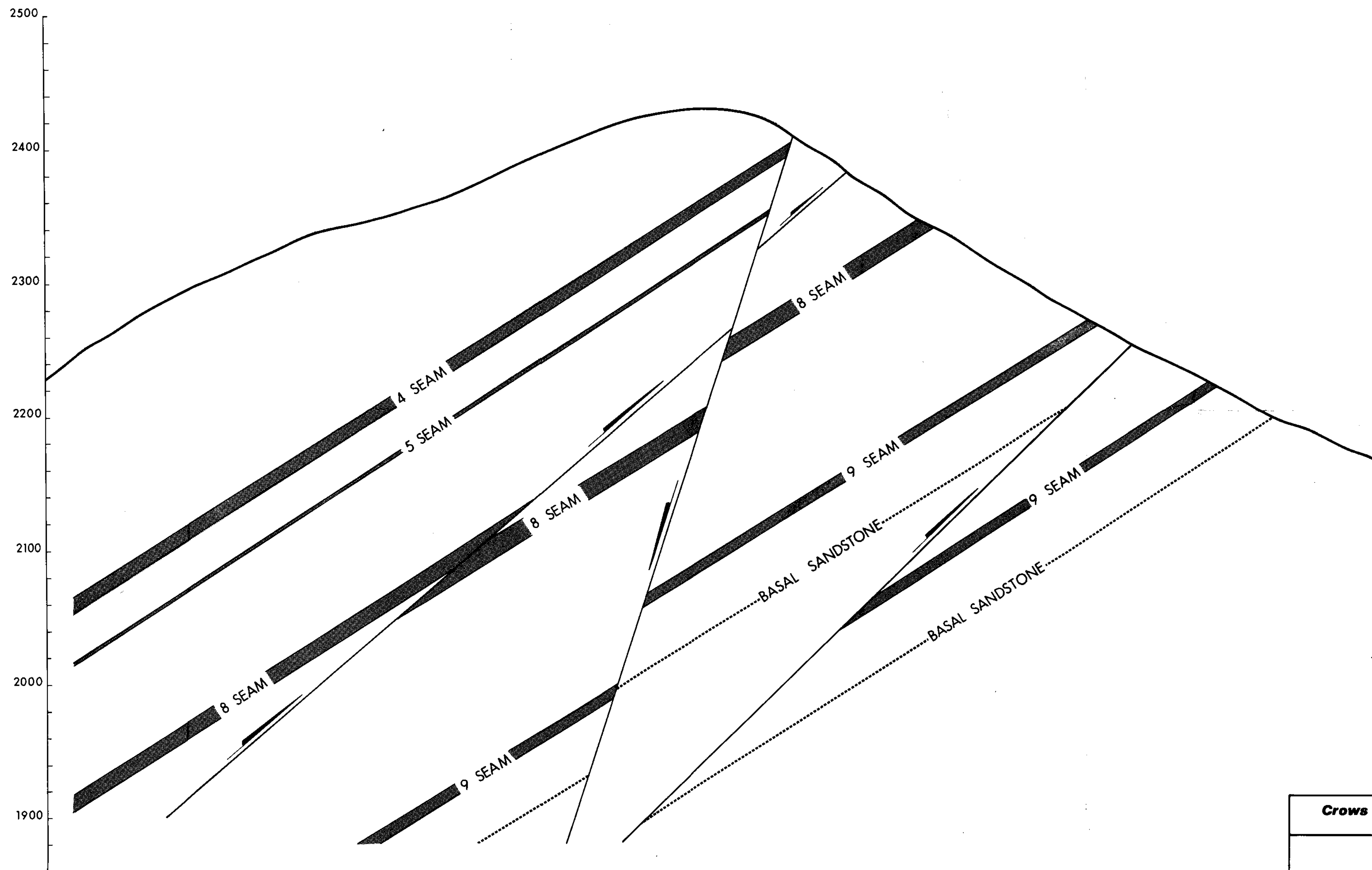
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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION		
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 32
DATE: 81 04 20	REVISED:	DRAWING No:
To: Accompany		

WEST

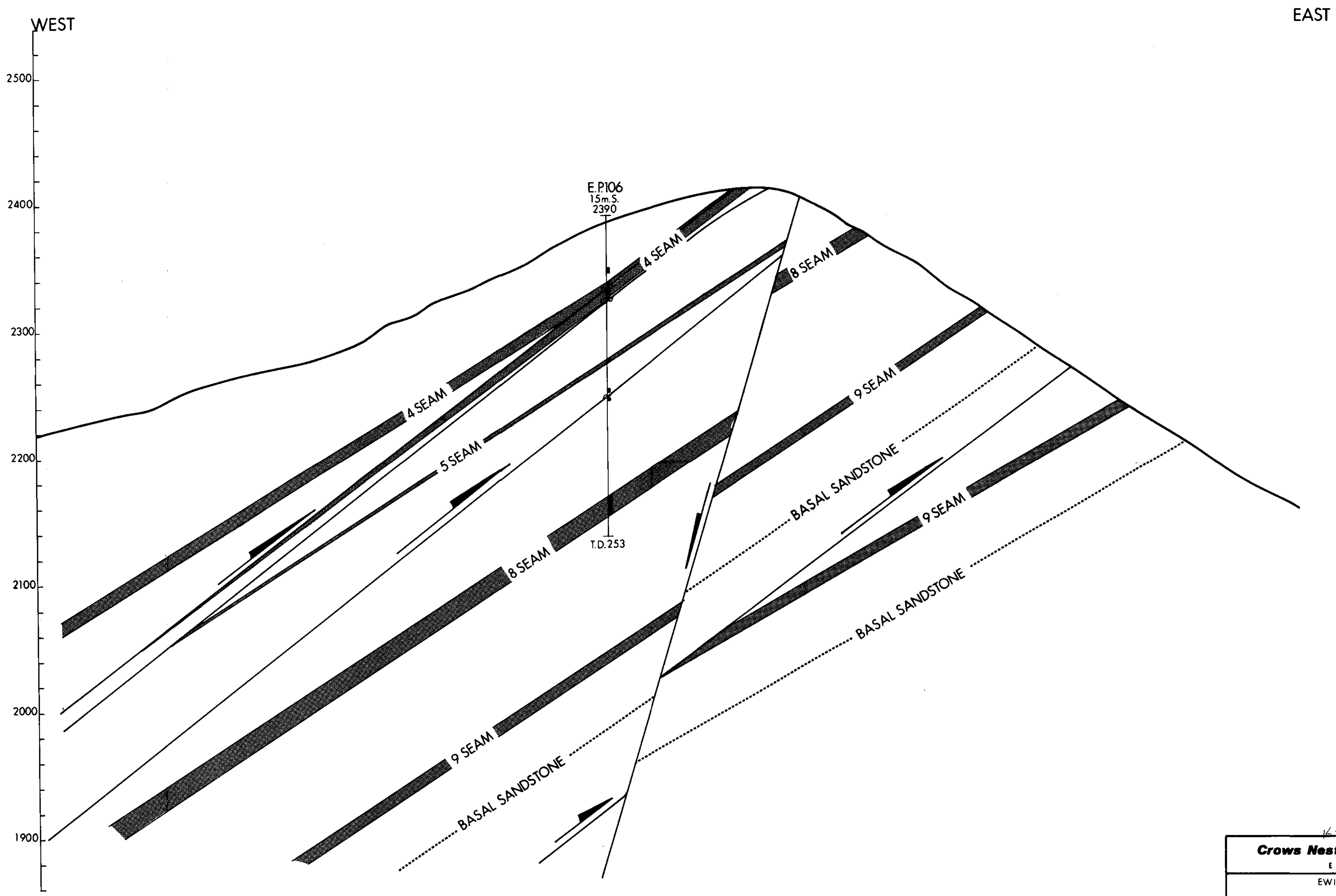
EAST



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16-Split Ewin Pass 80C21A

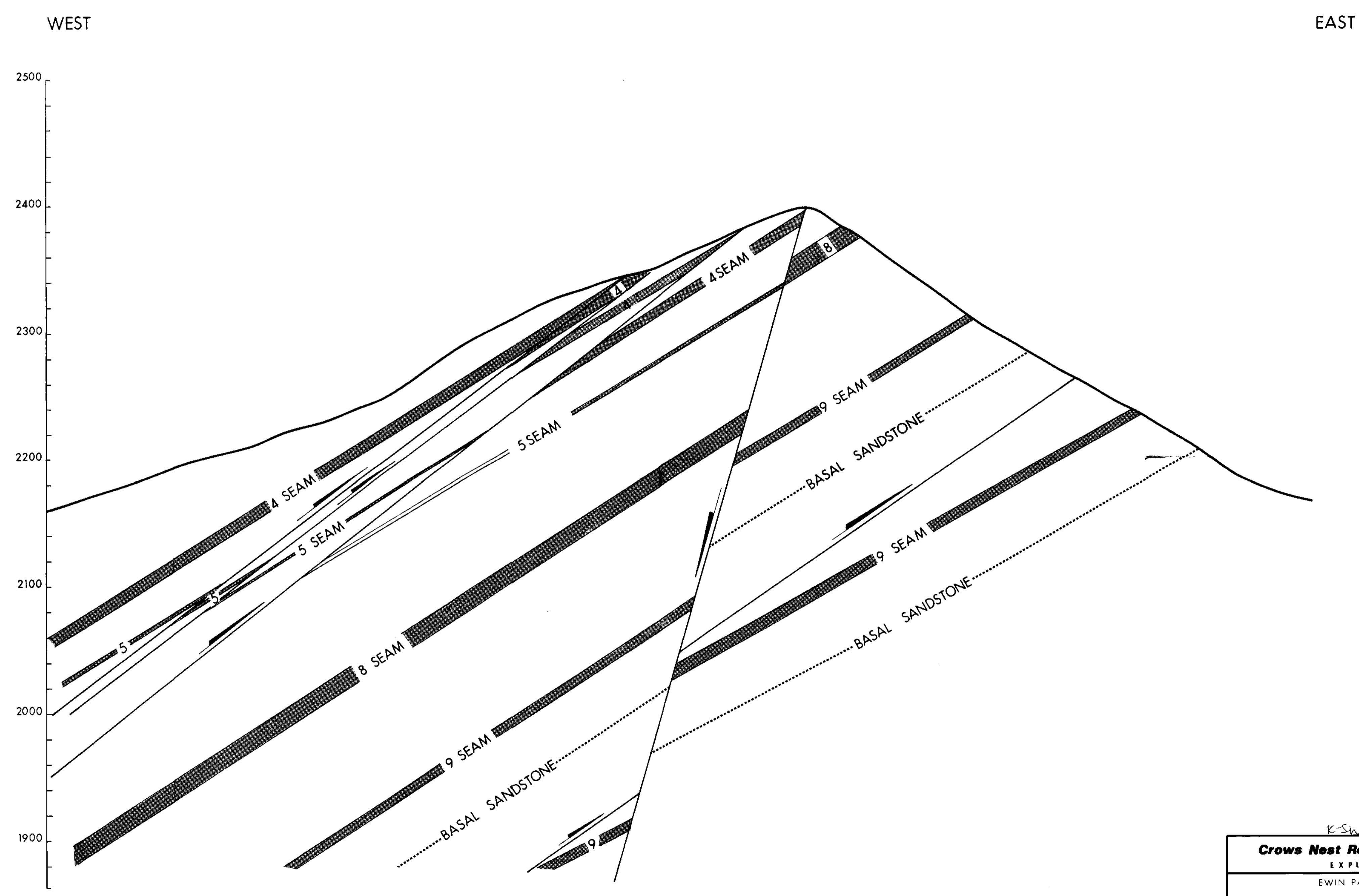
Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION		
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AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 33
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		



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16-Shell-Ewin Pass 8062A

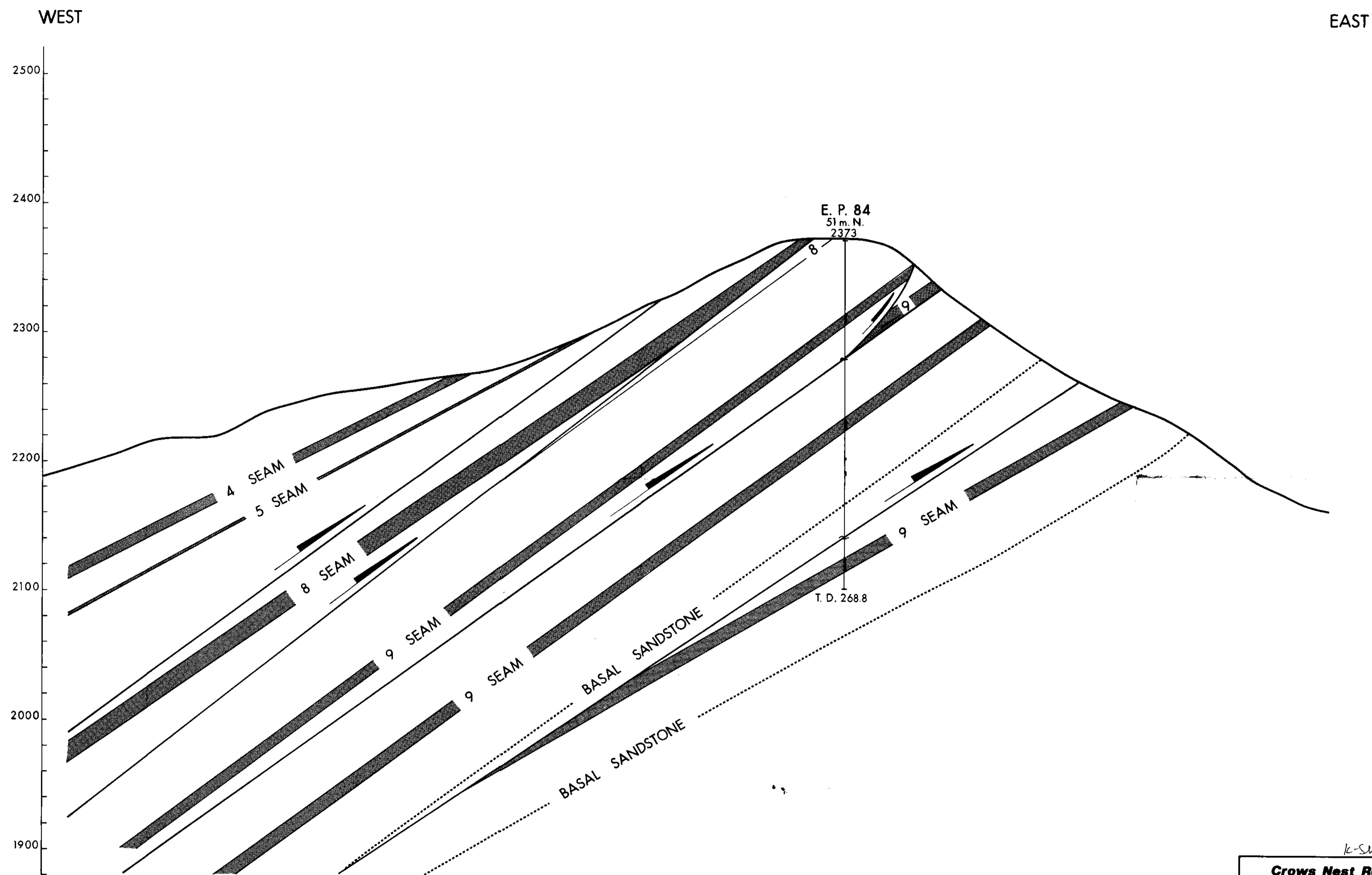
Crows Nest Resources Limited			
EXPLORATION			
EWIN PASS PROJECT			
CROSS SECTION 2000N			
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 34	
DATE: 81 04 20	REVISED:	DRAWING No:	
To: Accompany			



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K-Shill Ewin Pass 80(2)A

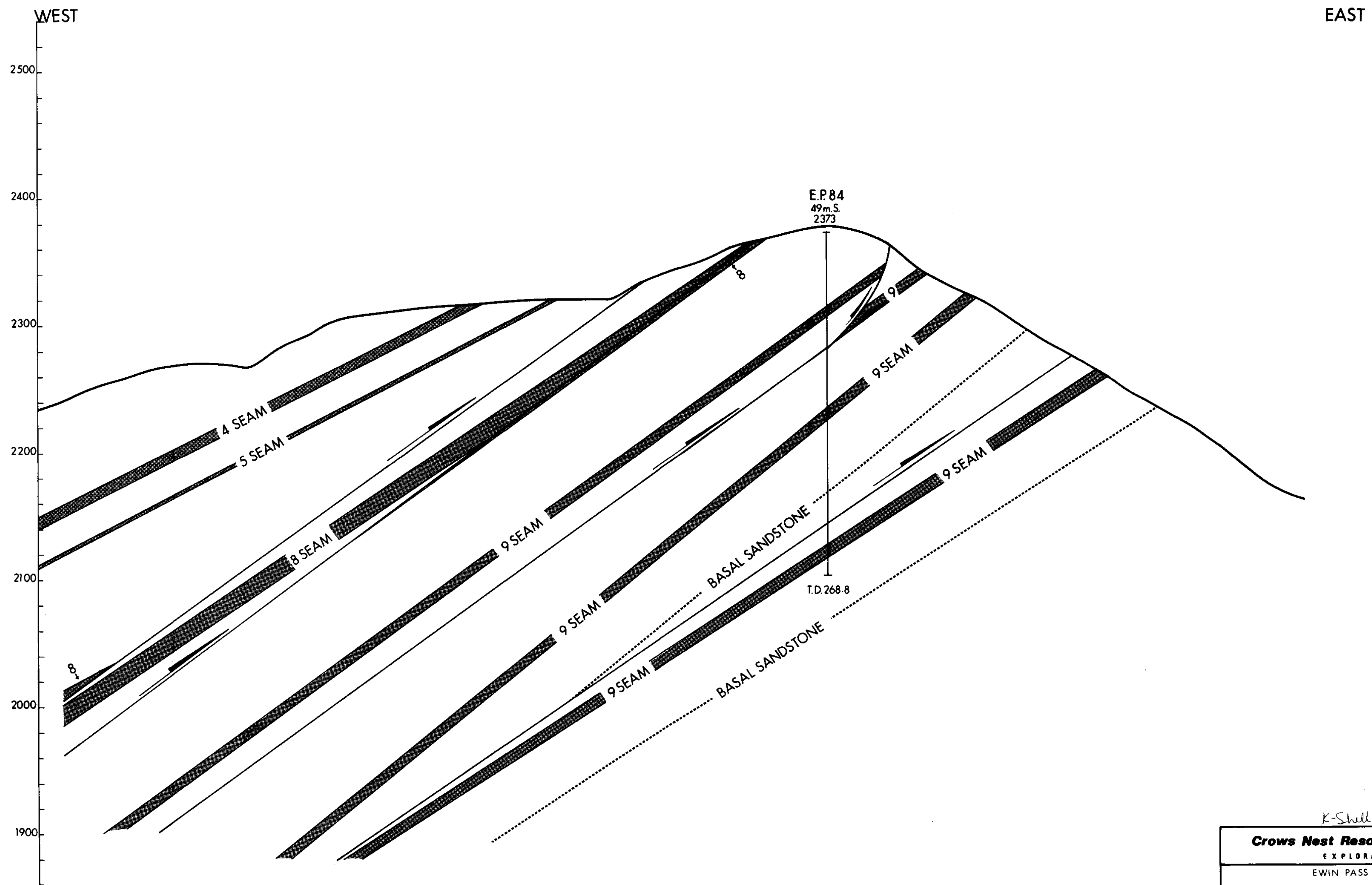
Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION		
2100N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 35
DATE: 80 04 20	REVISED:	DRAWING No:
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k-shell Ewin Pass 80(2) A

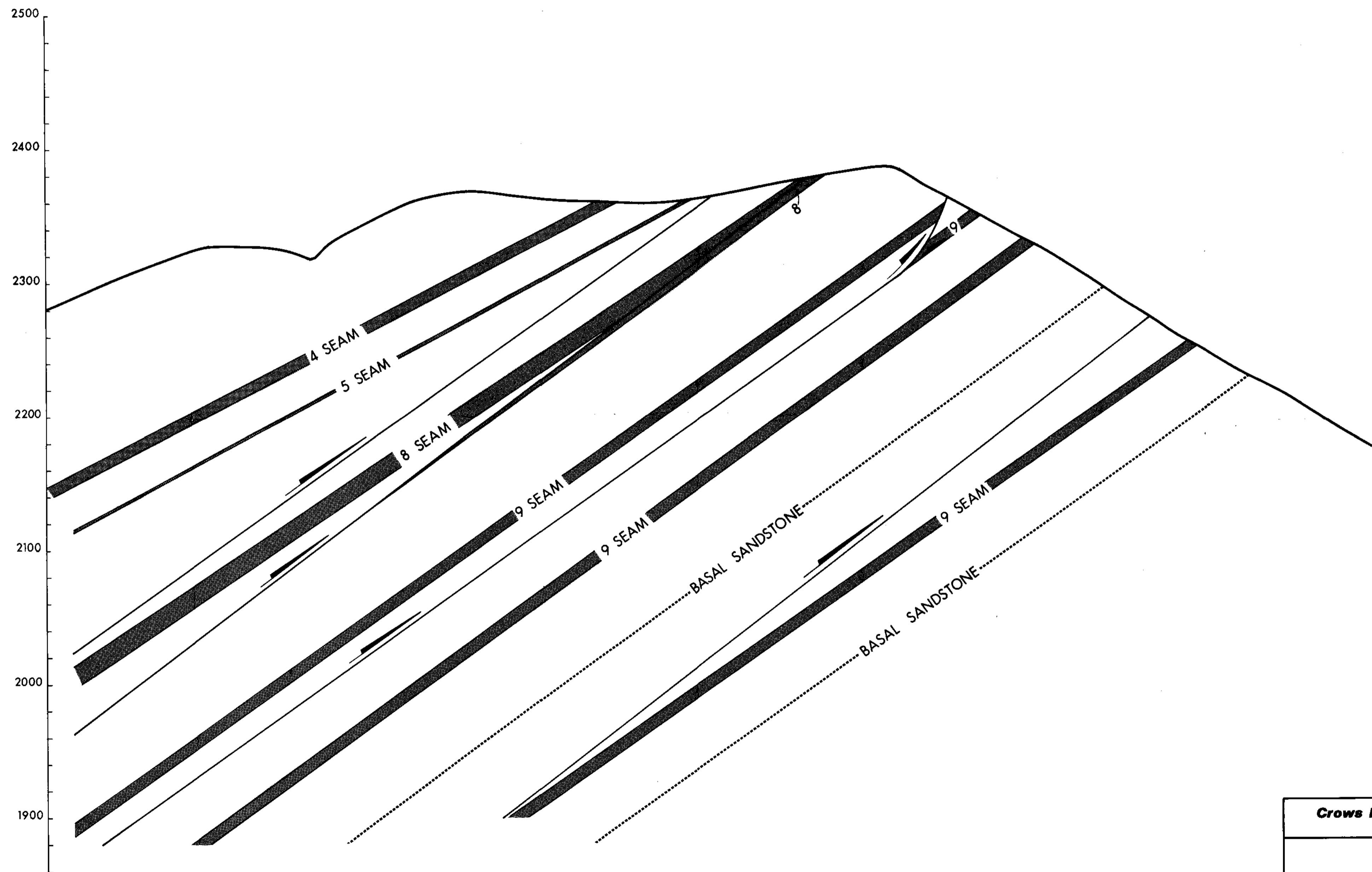
Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 2200N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No.: 36
DATE: 81 04 20	REVISED:	DRAWING No.:
To Accompany:		



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K-Shell-Ewin Pass 80(2)A

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 2300N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 37
DATE: 81 04 20	REVISED:	DRAWING No:
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K-shell-Ewin Pass 80/210

Crows Nest Resources Limited		
EXPLORATION		
EWIN PASS PROJECT		
CROSS SECTION 2400N		
AUTHOR: C. BEAVAN	SCALE: 1:2000	ENCLOSURE No: 38
DATE: 81 04 20	REVISED:	DRAWING No:
To Accompany		