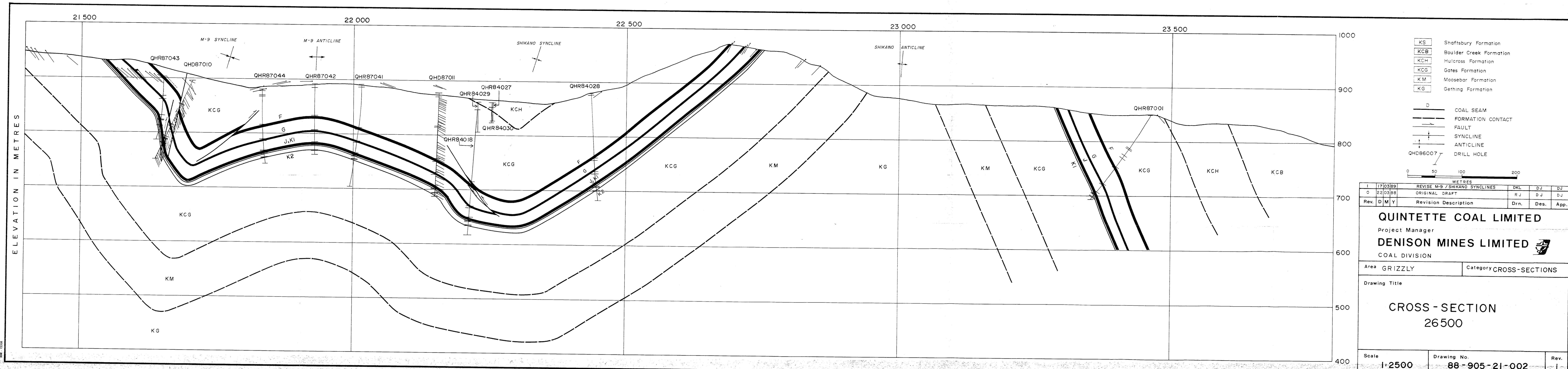


746

## Appendix 1.1.2

Grizzly (500 m Intervals)

Sections 25500 - 28000



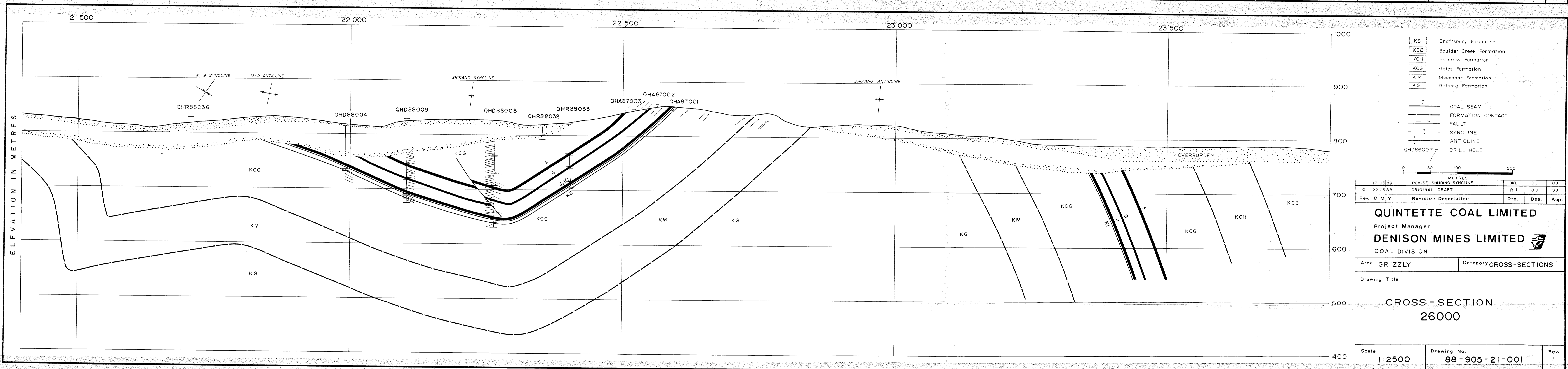
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1	17/03/89	REVISE M-9 / SHIKANO SYNCLINES					
0	22/03/88	ORIGINAL DRAFT	R.J.	D.J.	D.J.		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.

**QUINTETTE COAL LIMITED**  
 Project Manager  
**DENISON MINES LIMITED**  
 COAL DIVISION

Area GRIZZLY Category CROSS-SECTIONS

Drawing Title  
**CROSS - SECTION 26500**

Scale 1:2500 Drawing No. 88-905-21-002 Rev. 1



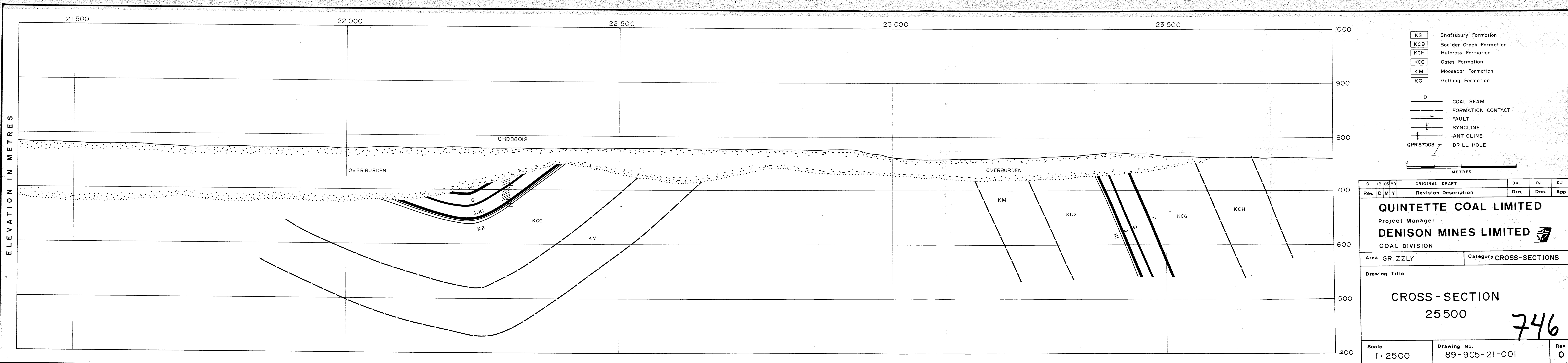
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0	22/03/88	ORIGINAL DRAFT	R.J.	D.J.	D.J.		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.

**QUINTETTE COAL LIMITED**  
 Project Manager  
**DENISON MINES LIMITED**  
 COAL DIVISION

Area GRIZZLY Category CROSS-SECTIONS

Drawing Title  
**CROSS - SECTION 26000**

Scale 1:2500 Drawing No. 88-905-21-001 Rev. 1



METRES			DKL	DJ	DJ		
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Rev.	D	M	Y	Revision Description	Drn.	Des.	App.

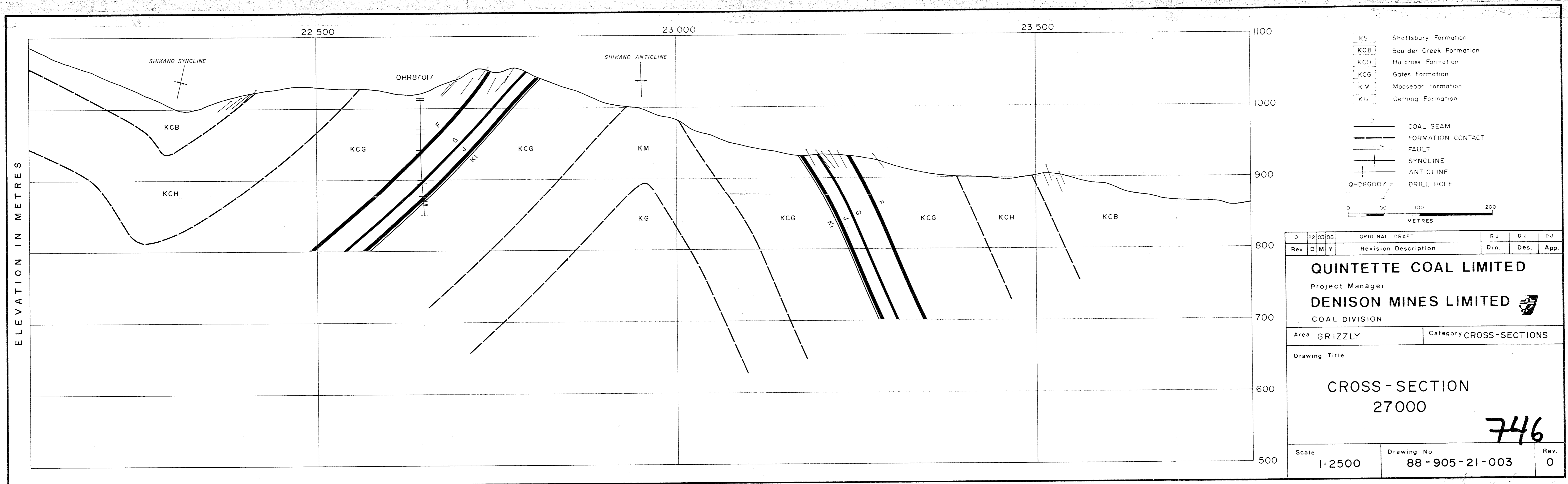
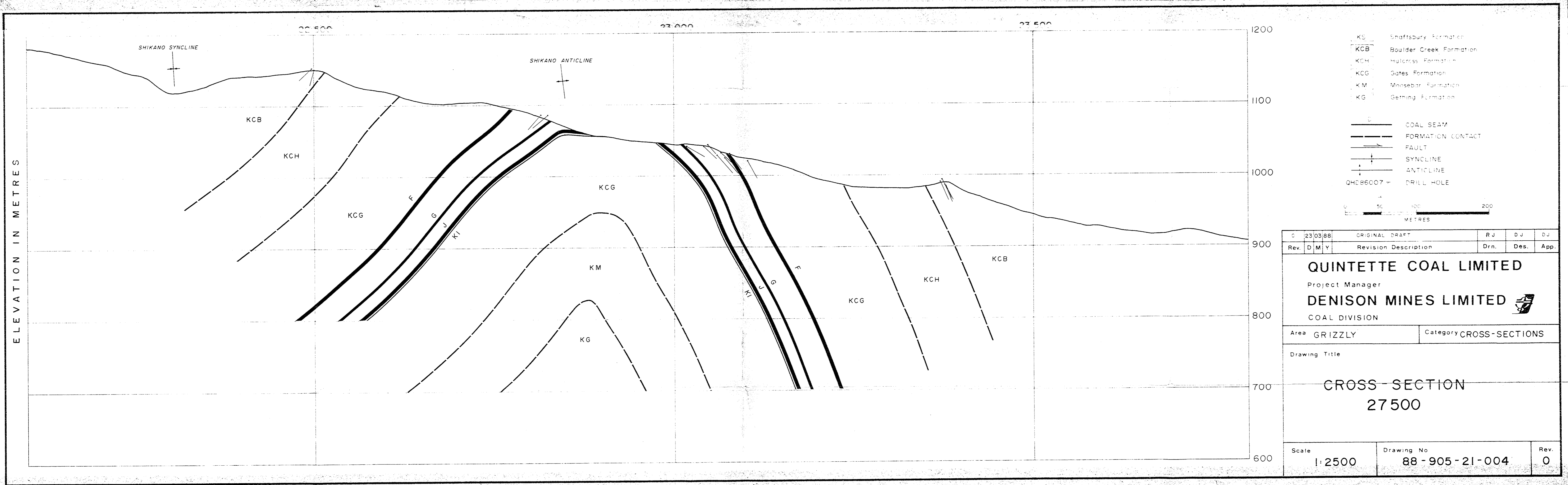
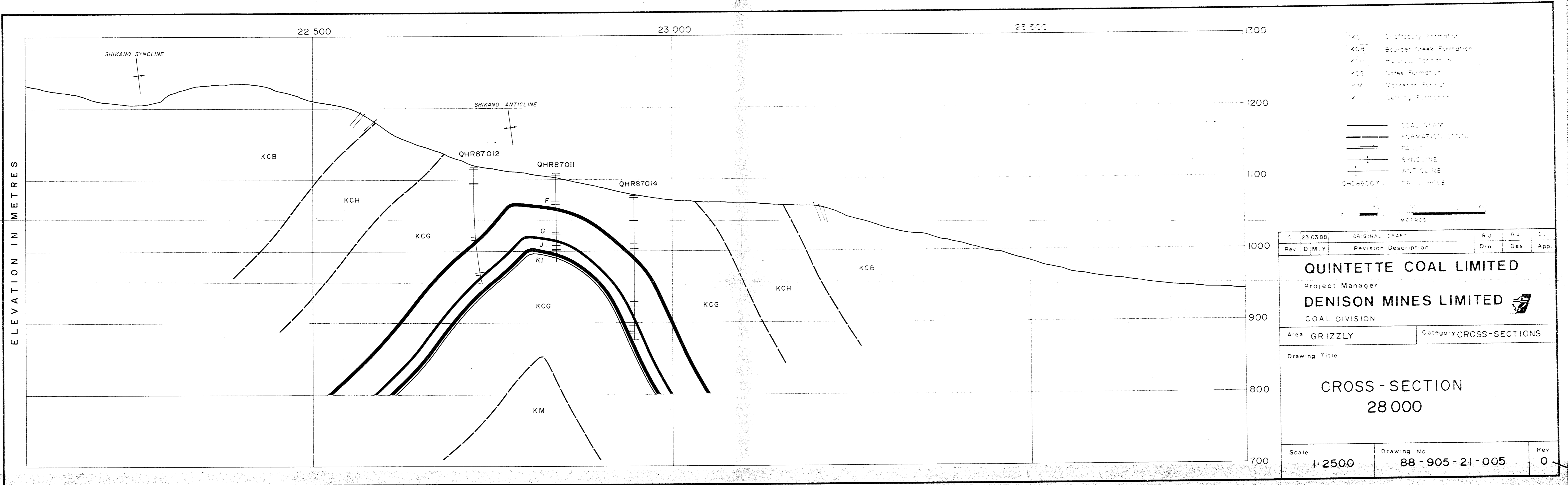
**QUINTETTE COAL LIMITED**  
 Project Manager  
**DENISON MINES LIMITED**  
 COAL DIVISION

Area GRIZZLY Category CROSS-SECTIONS

Drawing Title  
**CROSS - SECTION 25500**

Scale 1:2500 Drawing No. 89-905-21-001 Rev. 0

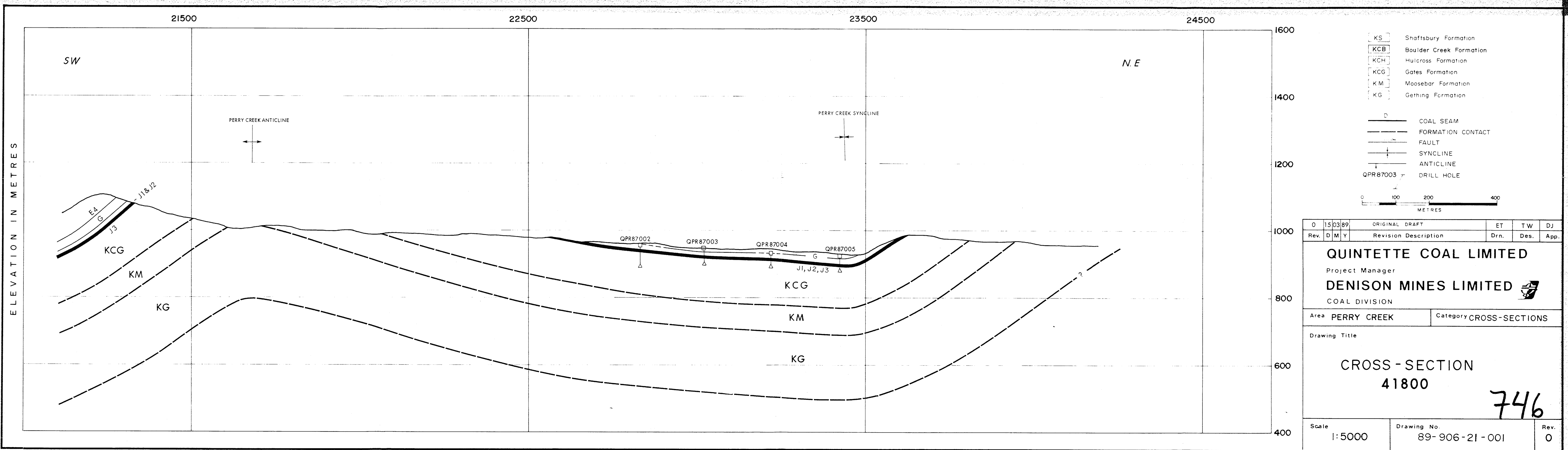
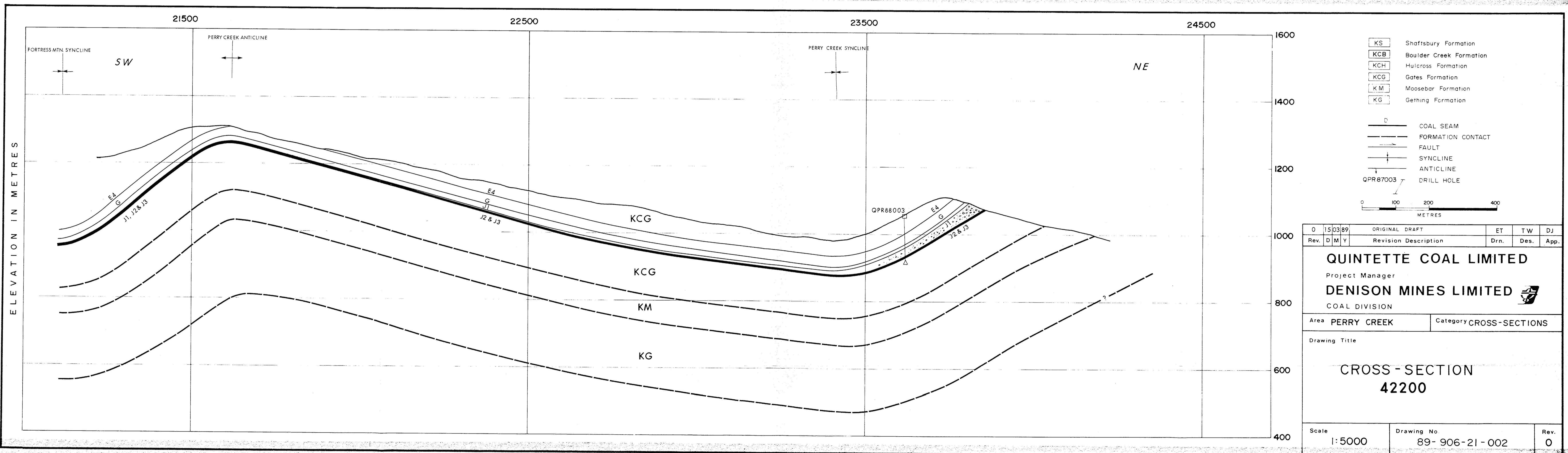
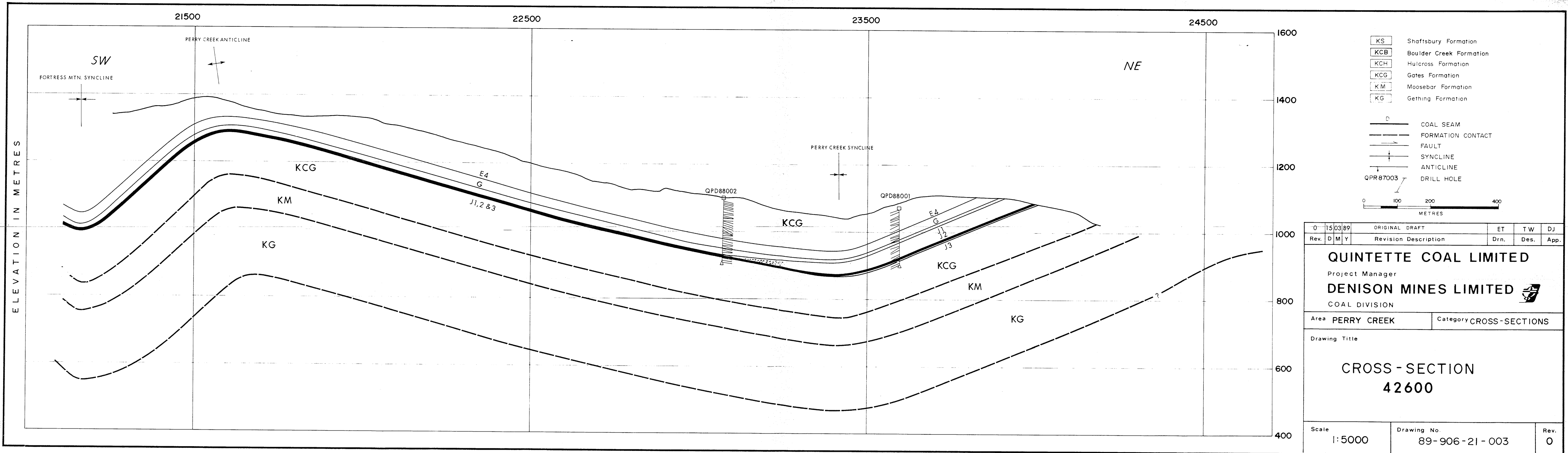
746

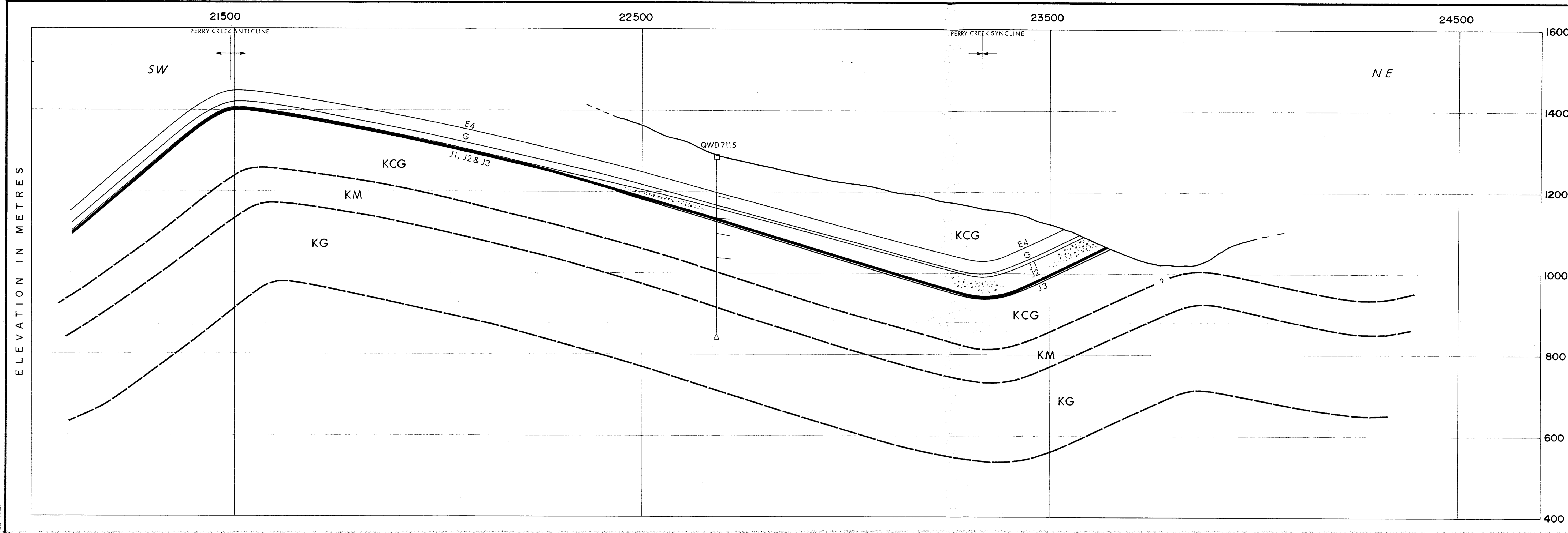


## **Appendix 1.1.3**

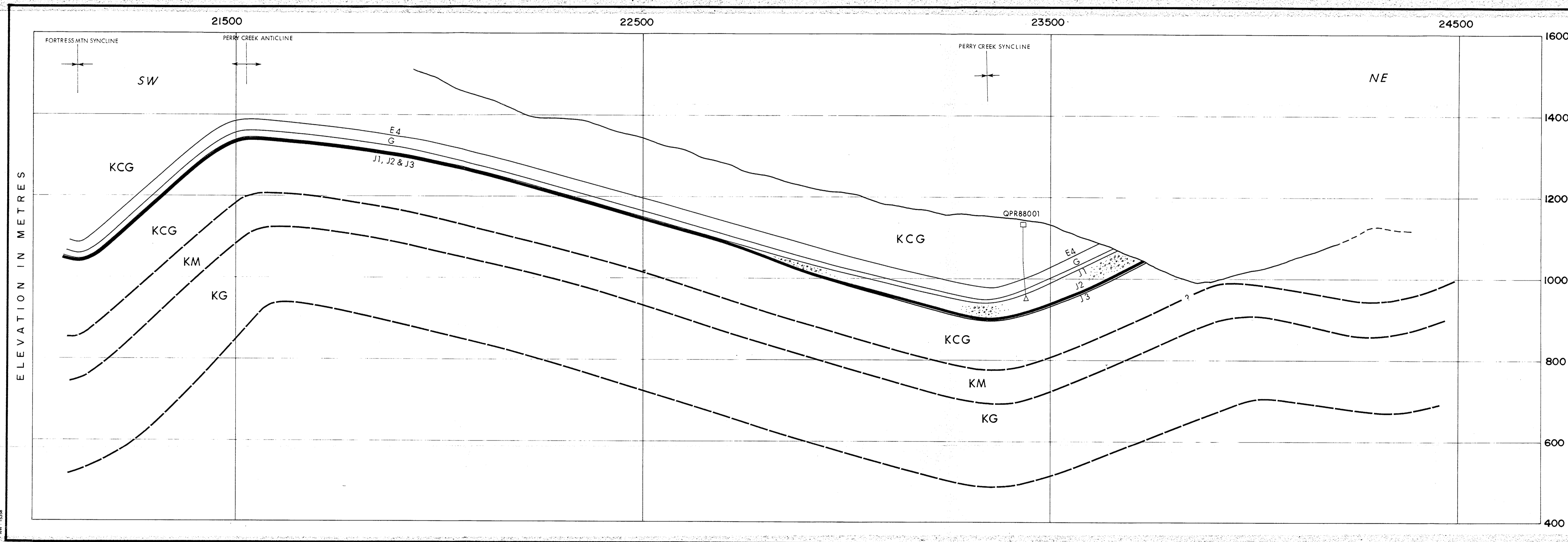
**Perry Creek (400 m Intervals)**

**Sections 41800 - 43800**

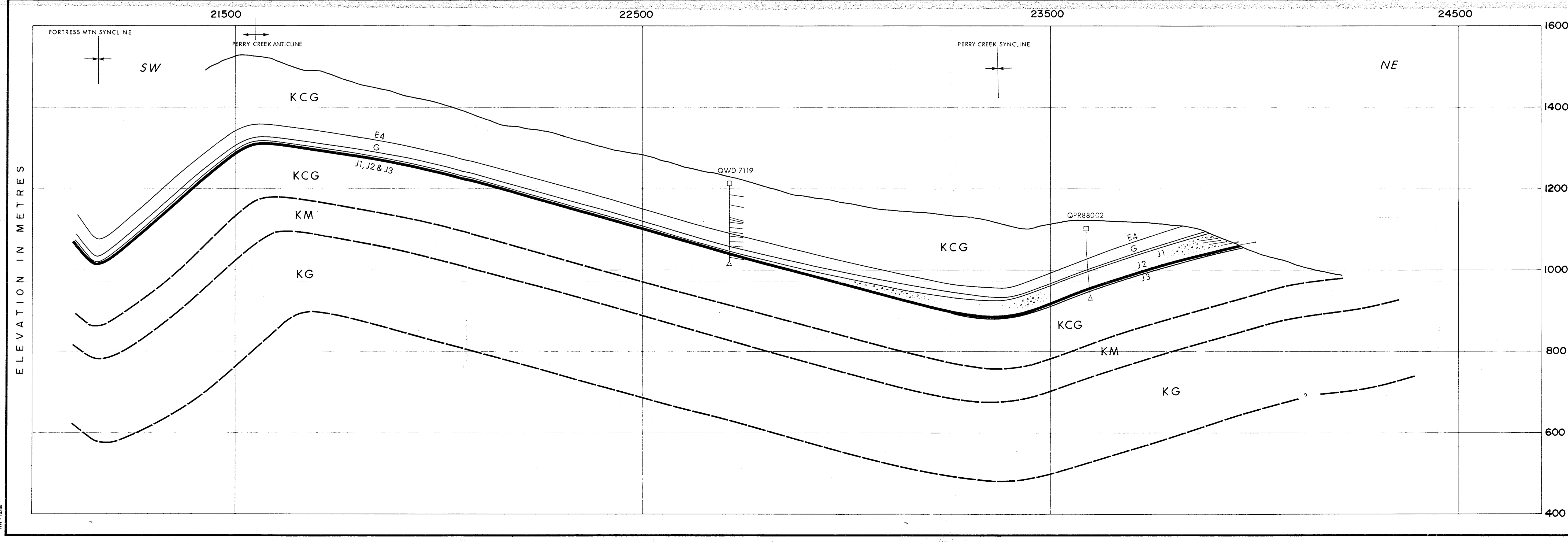




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Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area PERRY CREEK				Category CROSS-SECTIONS			
Drawing Title							
<b>CROSS - SECTION</b> <b>43800</b>							
Scale 1:5000		Drawing No. 89-906-21-006				Rev. 0	



0	15	03	89	ORIGINAL DRAFT	ET	TW	DJ
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area PERRY CREEK				Category CROSS-SECTIONS			
Drawing Title							
<b>CROSS - SECTION</b> <b>43400</b>							
Scale 1:5000		Drawing No. 89-906-21-005				Rev. 0	

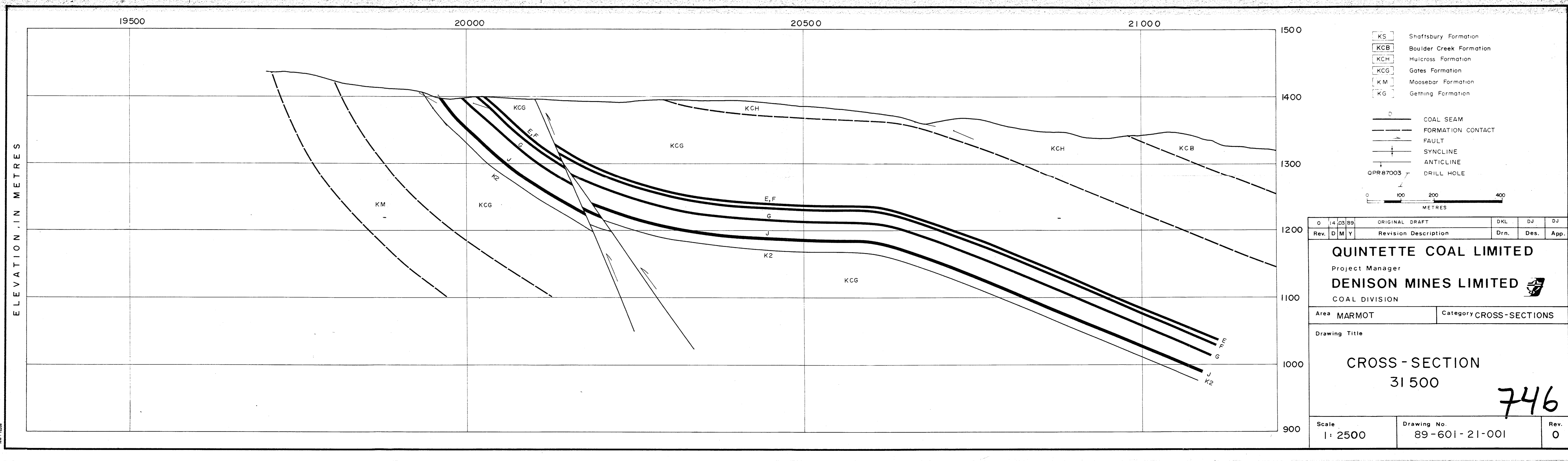
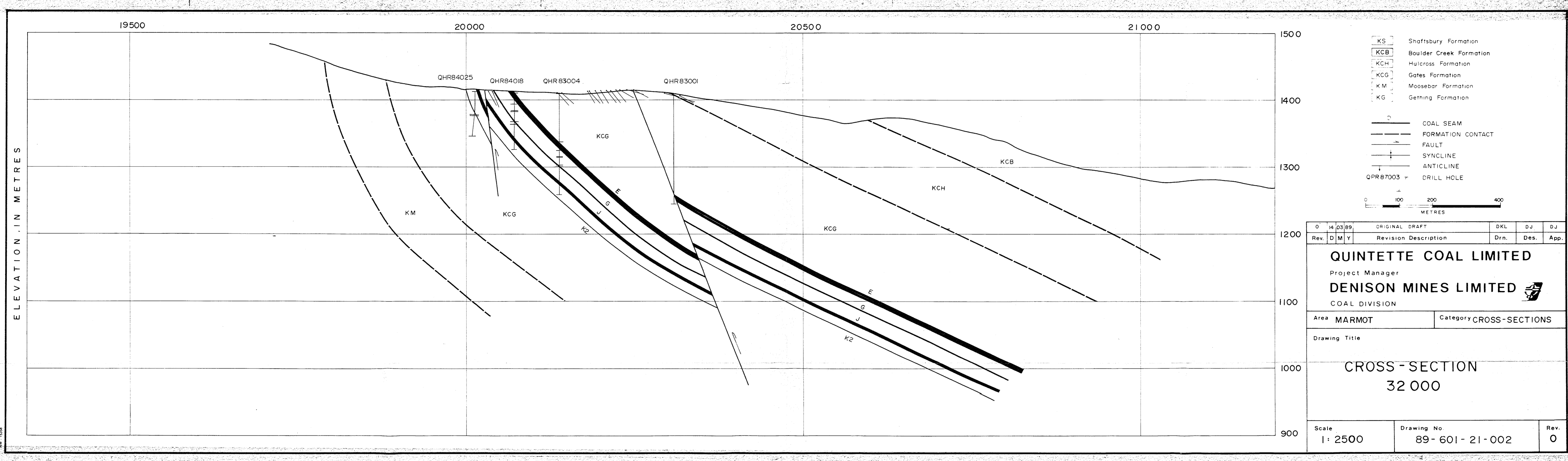
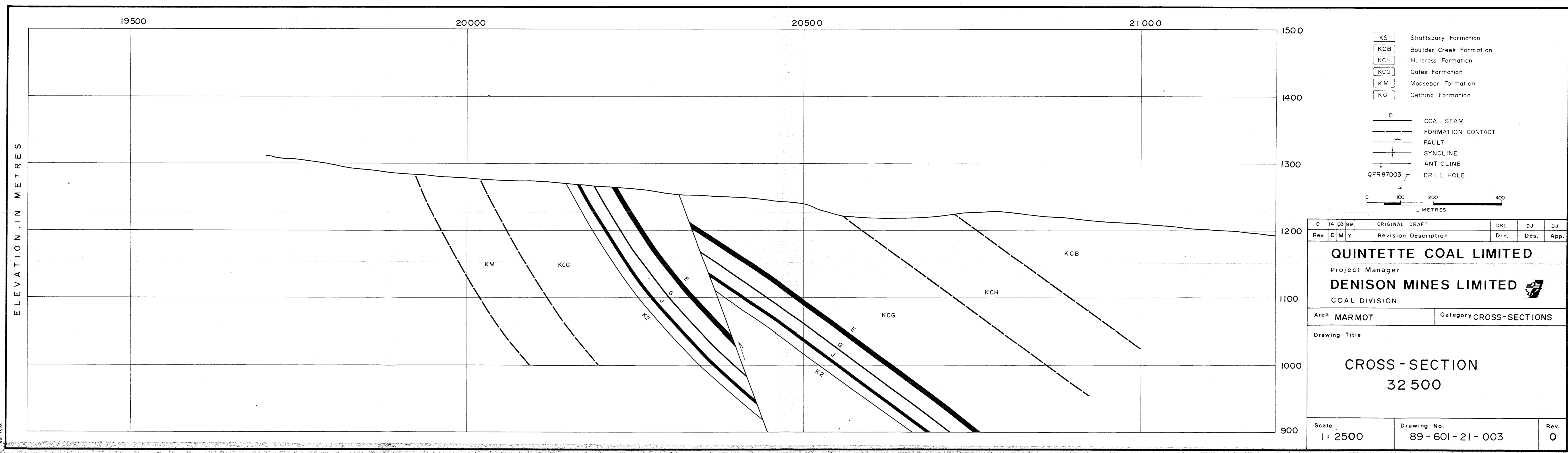


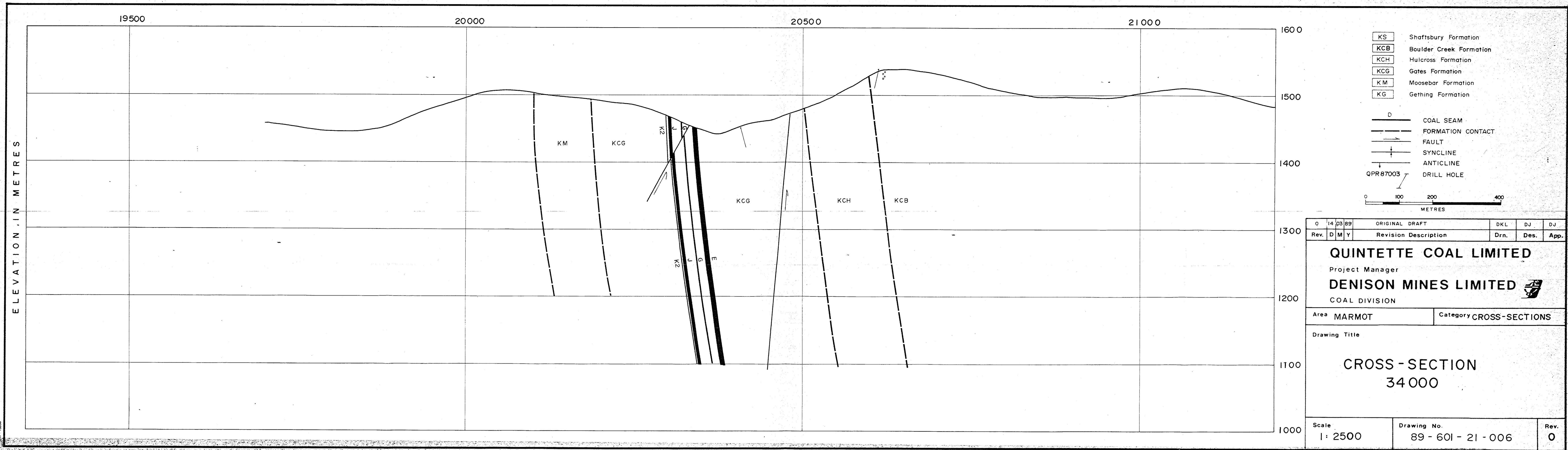
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Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area PERRY CREEK				Category CROSS-SECTIONS			
Drawing Title							
<b>CROSS - SECTION</b> <b>43000</b>							
Scale 1:5000		Drawing No. 89-906-21-004				Rev. 0	

746

**Appendix 1.1.4**  
**Marmot (500 m Intervals)**  
**Sections 31500 - 34000**







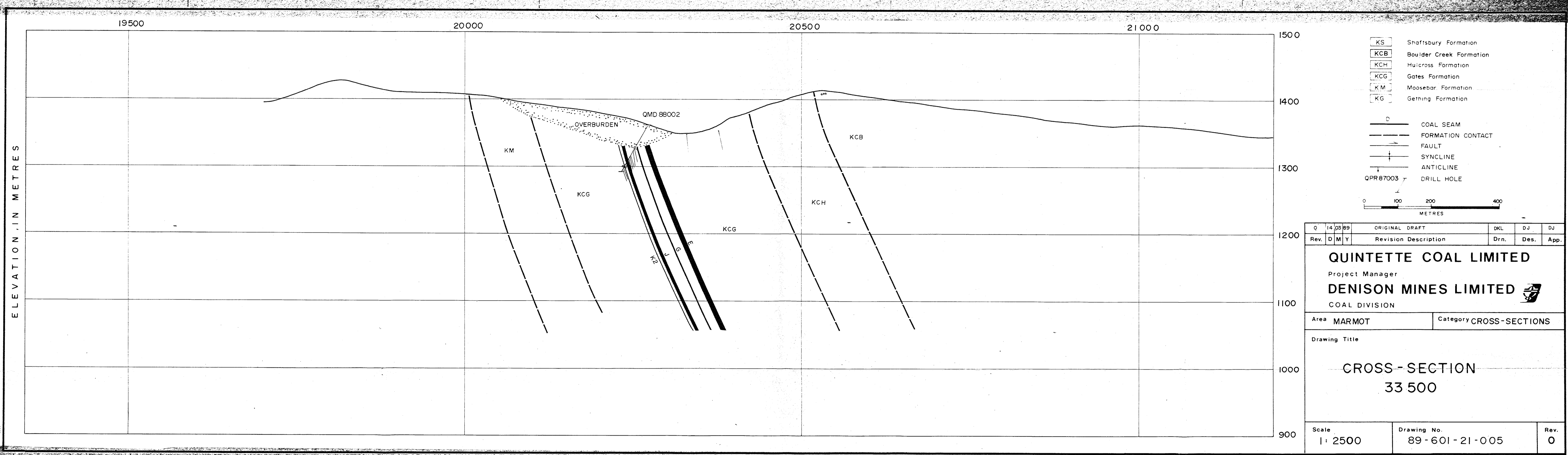
Rev.	D	M	Y	Description	Drn.	Des.	App.
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**QUINTETTE COAL LIMITED**  
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**DENISON MINES LIMITED**  
COAL DIVISION

Area: MARMOT | Category: CROSS-SECTIONS

Drawing Title:  
**CROSS - SECTION 34 000**

Scale: 1: 2500 | Drawing No.: 89 - 601 - 21 - 006 | Rev.: 0



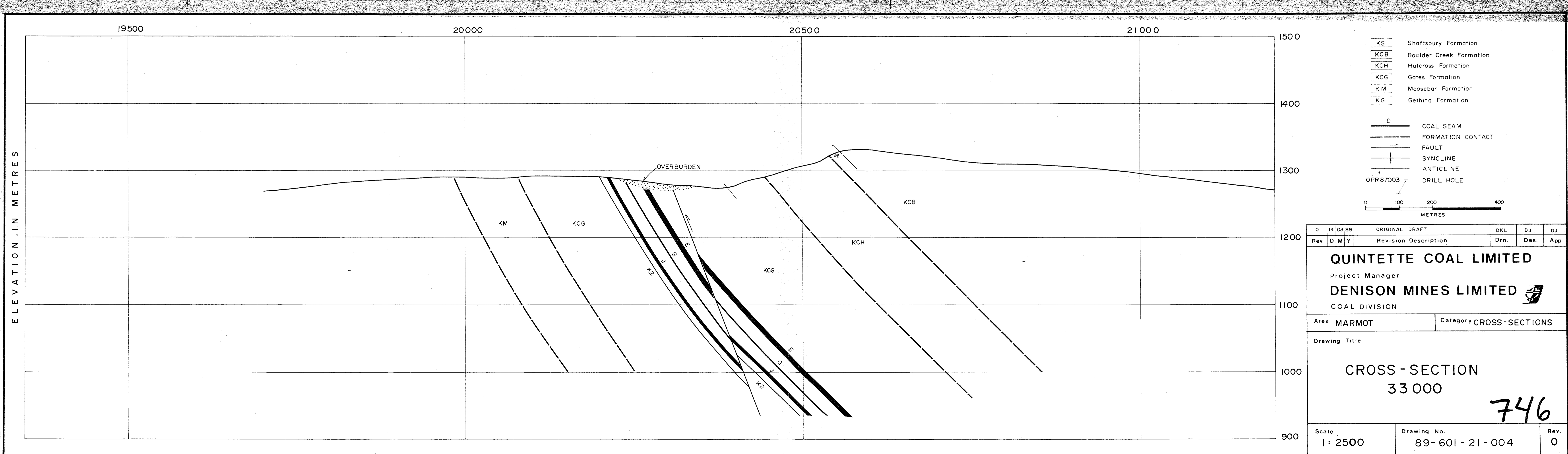
Rev.	D	M	Y	Description	Drn.	Des.	App.
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**QUINTETTE COAL LIMITED**  
Project Manager  
**DENISON MINES LIMITED**  
COAL DIVISION

Area: MARMOT | Category: CROSS-SECTIONS

Drawing Title:  
**CROSS - SECTION 33 500**

Scale: 1: 2500 | Drawing No.: 89 - 601 - 21 - 005 | Rev.: 0



Rev.	D	M	Y	Description	Drn.	Des.	App.
0	14	03	89	ORIGINAL DRAFT	DKL	DJ	DJ

**QUINTETTE COAL LIMITED**  
Project Manager  
**DENISON MINES LIMITED**  
COAL DIVISION

Area: MARMOT | Category: CROSS-SECTIONS

Drawing Title:  
**CROSS - SECTION 33 000**

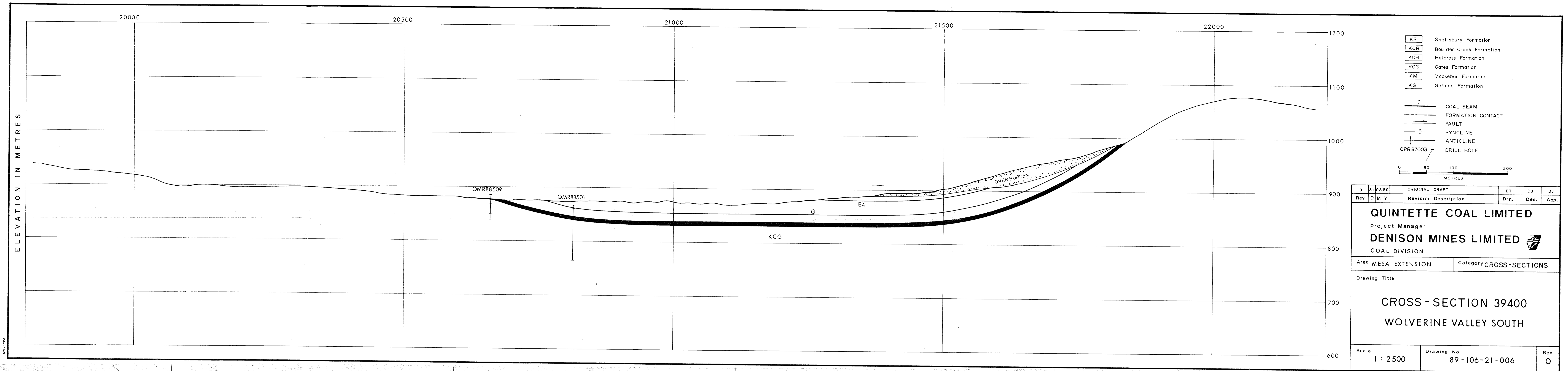
Scale: 1: 2500 | Drawing No.: 89 - 601 - 21 - 004 | Rev.: 0

746

Appendix 1.1.5

Wolverine Valley South (<sup>400</sup>~~500~~ m Intervals)

Sections 37400 - 39400

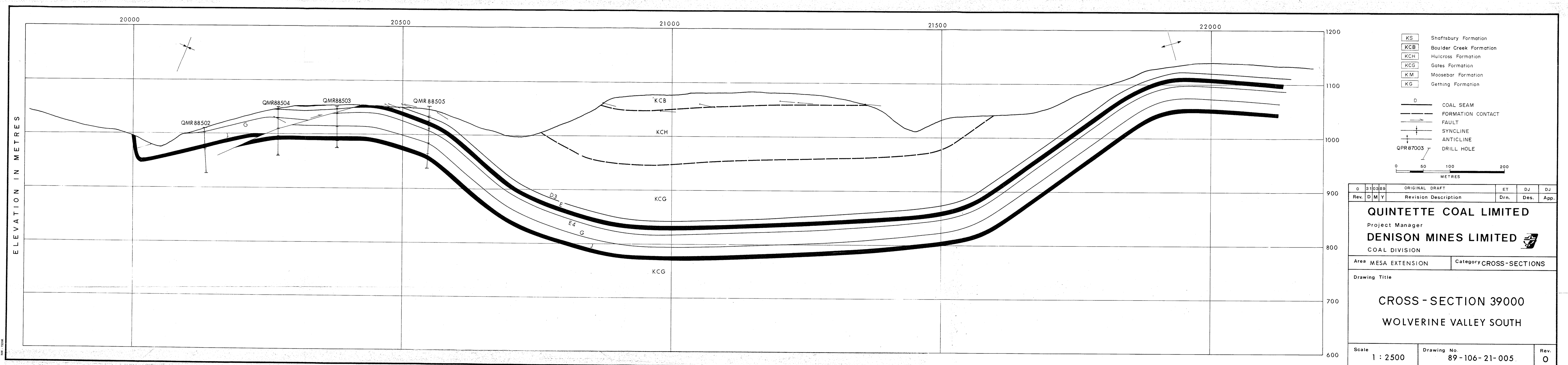


KS	Shaftsby Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
---	FAULT
+	SYNCLINE
-	ANTICLINE
QPR87003	DRILL HOLE

0	310389	ORIGINAL DRAFT	ET	DJ	DJ		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area MESA EXTENSION			Category CROSS-SECTIONS				
Drawing Title							
<b>CROSS - SECTION 39400</b> <b>WOLVERINE VALLEY SOUTH</b>							
Scale 1 : 2500		Drawing No. 89-106-21-006		Rev. 0			

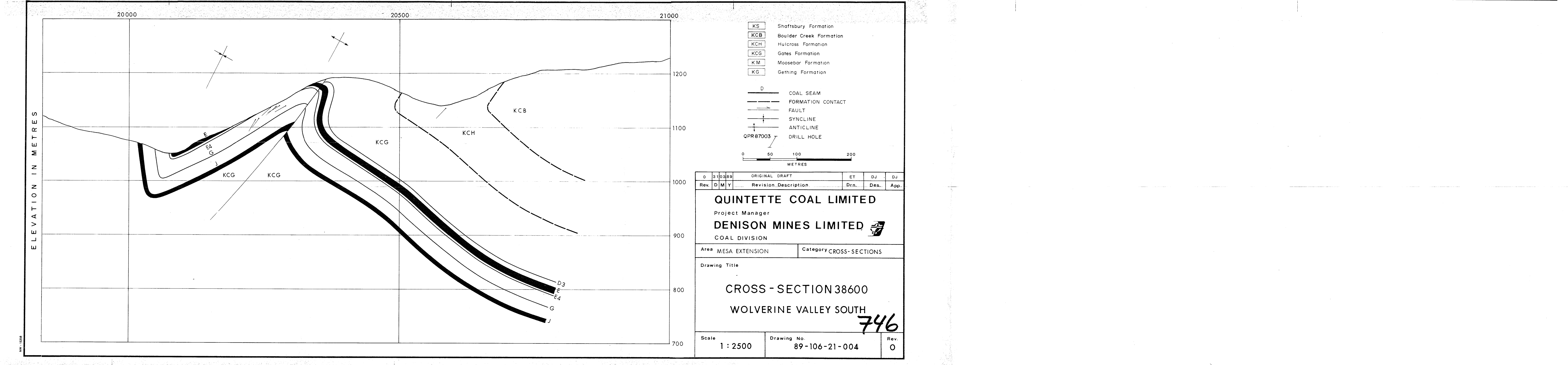


KS	Shaftsby Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
---	FAULT
+	SYNCLINE
-	ANTICLINE
QPR87003	DRILL HOLE

0	310389	ORIGINAL DRAFT	ET	DJ	DJ		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area MESA EXTENSION			Category CROSS-SECTIONS				
Drawing Title							
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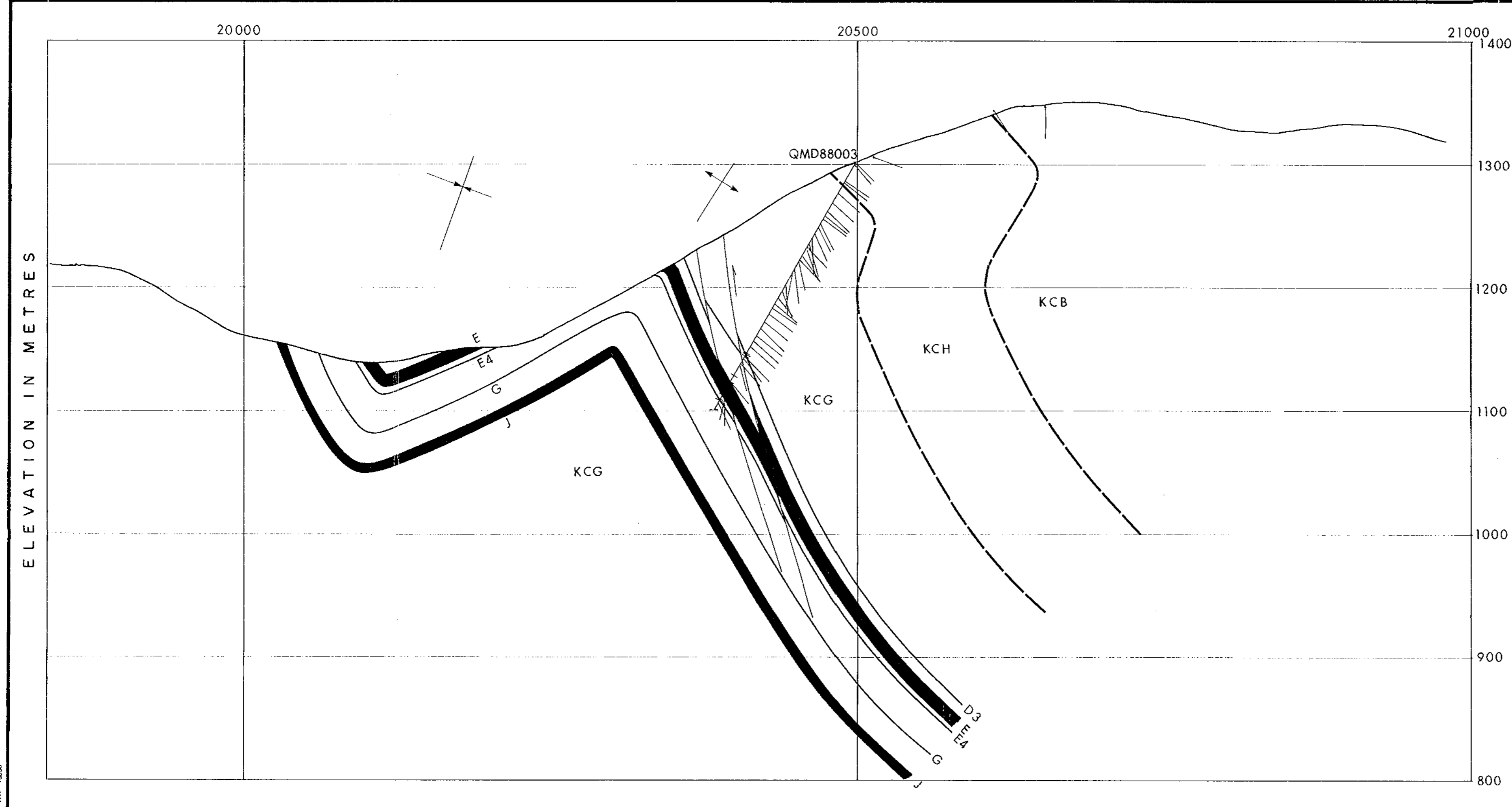


KS	Shaftsby Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
---	FAULT
+	SYNCLINE
-	ANTICLINE
QPR87003	DRILL HOLE

0	310389	ORIGINAL DRAFT	ET	DJ	DJ		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION							
Area MESA EXTENSION			Category CROSS-SECTIONS				
Drawing Title							
<b>CROSS - SECTION 38600</b> <b>WOLVERINE VALLEY SOUTH</b>							
Scale 1 : 2500		Drawing No. 89-106-21-004		Rev. 0			



KS	Shaftsbury Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
- - -	FAULT
- - -	SYNCLINE
- - -	ANTICLINE
+	DRILL HOLE

746

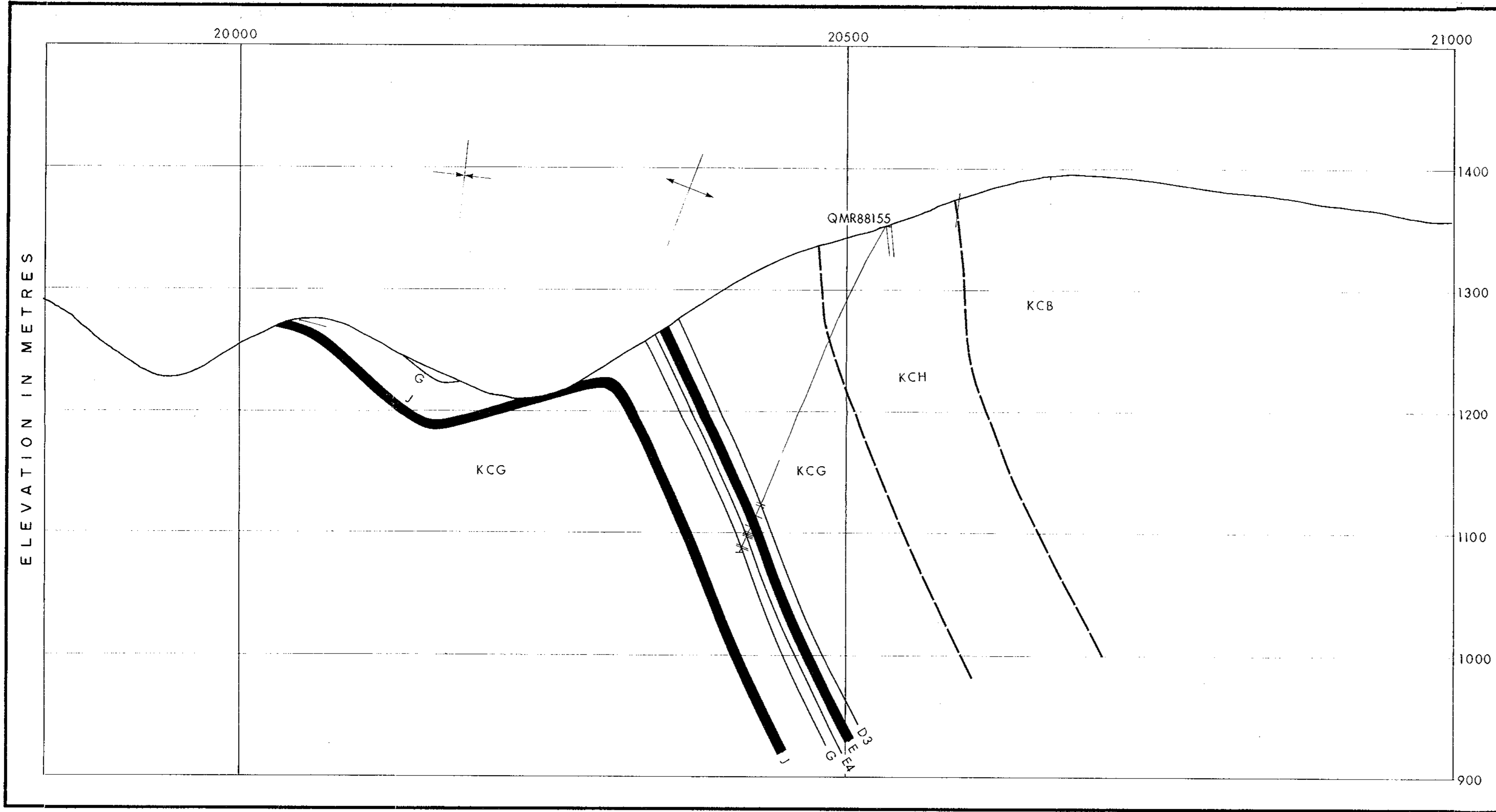
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Rev.	D	M	Y	Drn.	Des.	App.

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**DENISON MINES LIMITED**  
COAL DIVISION

Area MESA EXTENSION      Category CROSS-SECTIONS

Drawing Title  
**CROSS - SECTION 38200**  
**WOLVERINE VALLEY SOUTH**

Scale	1 : 2500	Drawing No.	89-106-21-003	Rev.	0
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KS	Shaftsbury Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
- - -	FAULT
- - -	SYNCLINE
- - -	ANTICLINE
+	DRILL HOLE

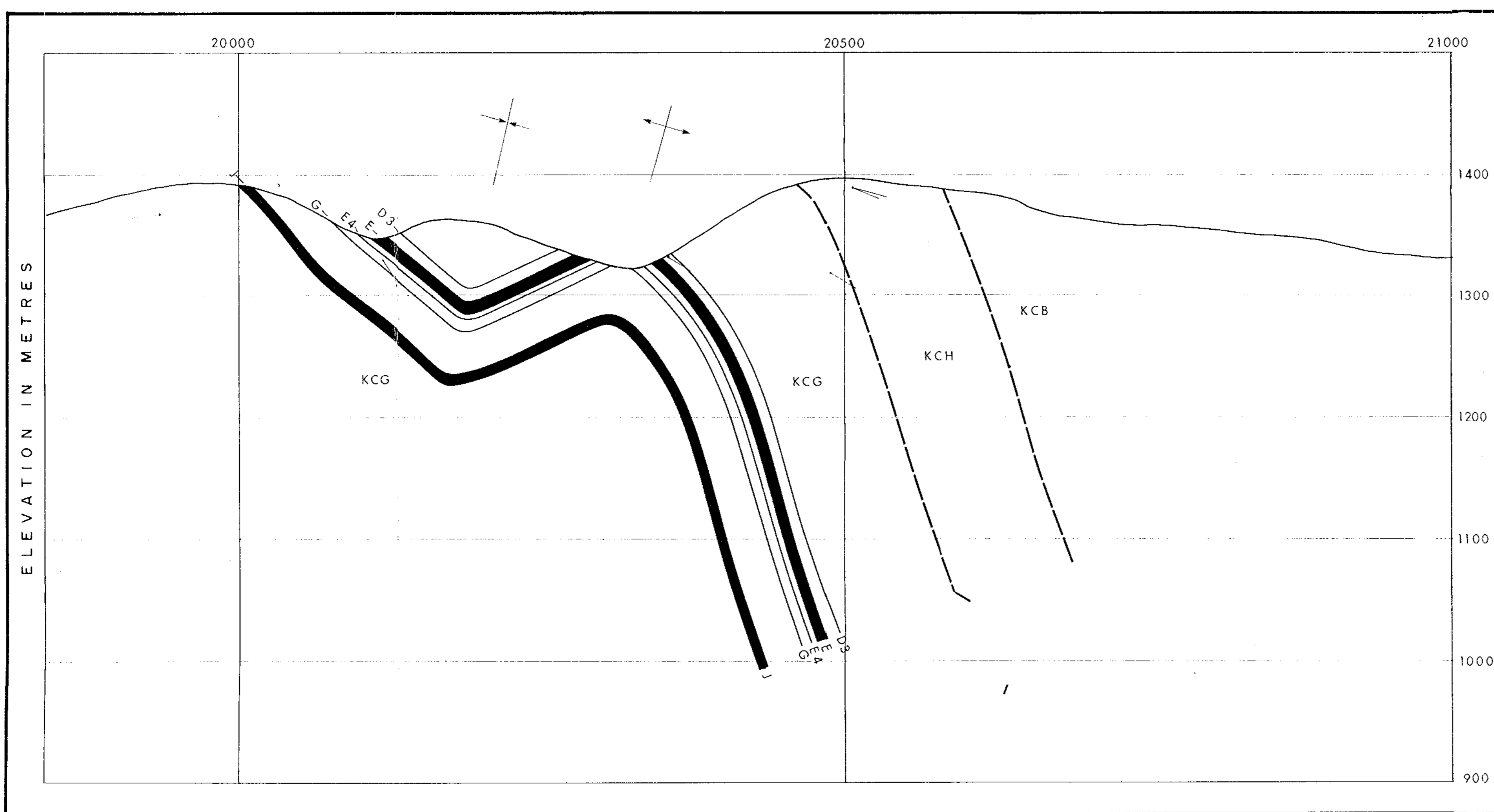
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Rev.	D	M	Y	Drn.	Des.	App.

**QUINETTE COAL LIMITED**  
Project Manager  
**DENISON MINES LIMITED**  
COAL DIVISION

Area MESA EXTENSION      Category CROSS-SECTIONS

Drawing Title  
**CROSS - SECTION 37800**  
**WOLVERINE VALLEY SOUTH**

Scale	1 : 2500	Drawing No.	89-106-21-002	Rev.	0
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KS	Shaftsbury Formation
KCB	Boulder Creek Formation
KCH	Hulcross Formation
KCG	Gates Formation
KM	Moosebar Formation
KG	Gething Formation

D	COAL SEAM
---	FORMATION CONTACT
- - -	FAULT
- - -	SYNCLINE
- - -	ANTICLINE
+	DRILL HOLE

0	310389	ORIGINAL DRAFT	ET	DJ	DJ	
Rev.	D	M	Y	Drn.	Des.	App.

**QUINETTE COAL LIMITED**  
Project Manager  
**DENISON MINES LIMITED**  
COAL DIVISION

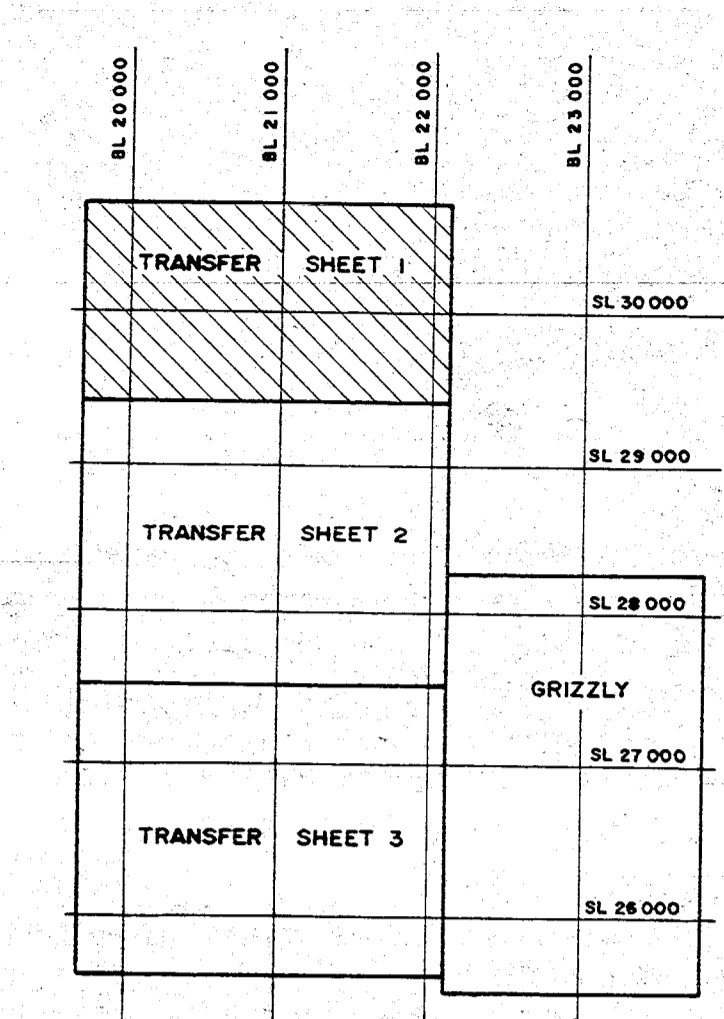
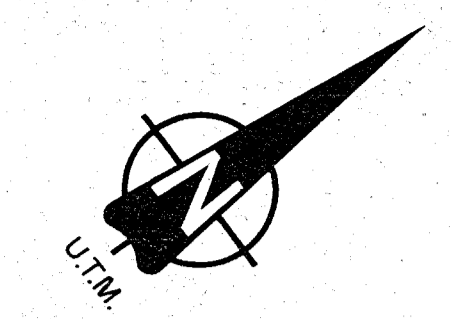
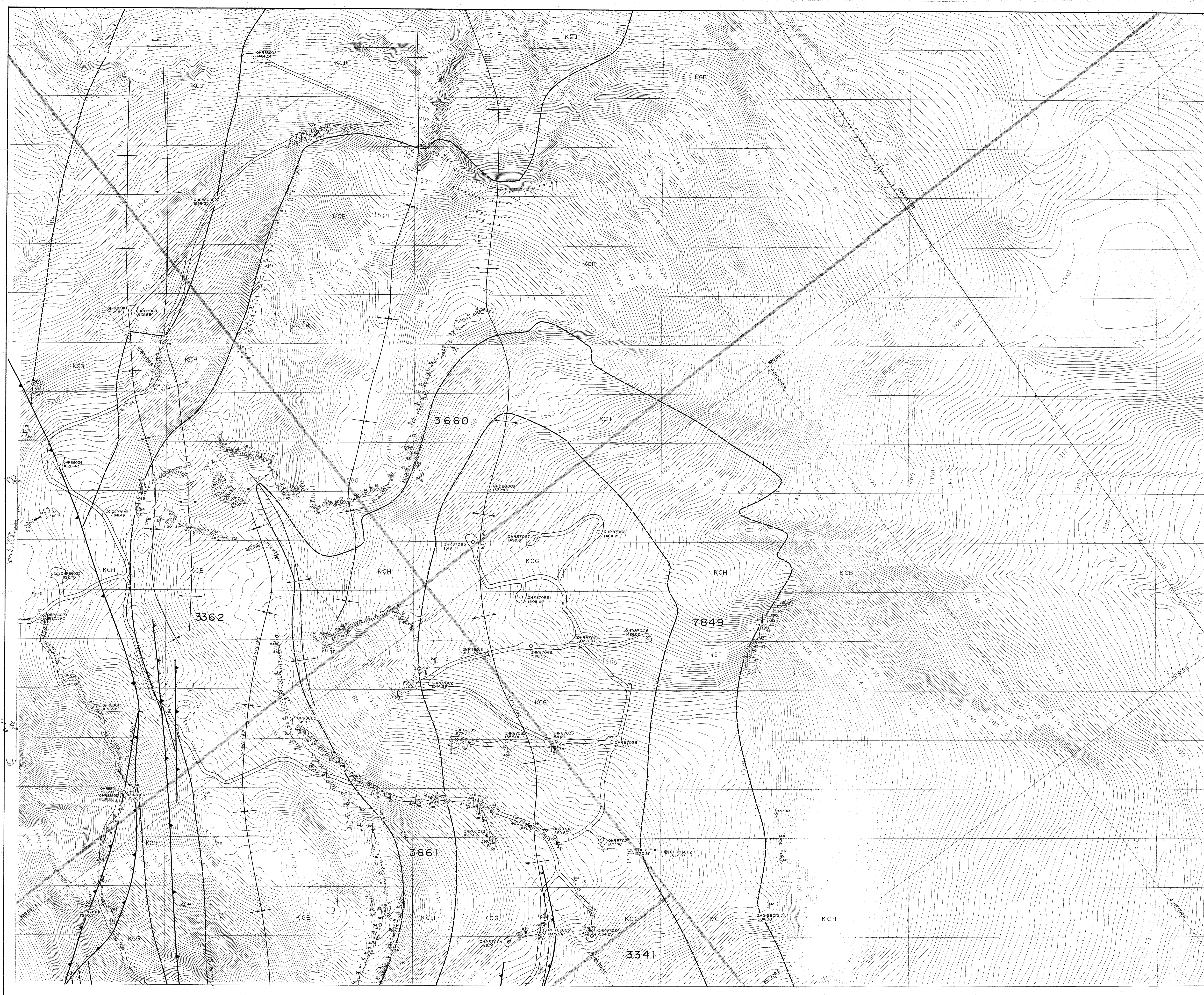
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Drawing Title  
**CROSS - SECTION 37400**  
**WOLVERINE VALLEY SOUTH**

Scale	1 : 2500	Drawing No.	89-106-21-001	Rev.	0
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**Appendix 1.2**  
**1988 Geological Report**  
**Geology Maps**

**Appendix 1.2.1**  
**Transfer**  
**(3 sheets)**



KEY MAP  
N.T.S.

**LEGEND**

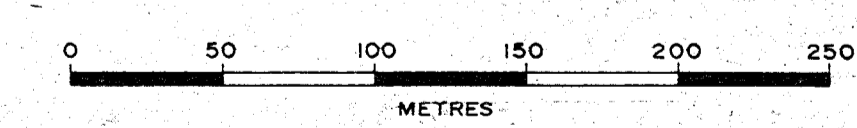
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- TRENCH
- ROTARY DRILL HOLE
- DIAMOND DRILL HOLE
- THRUST FAULT
- ANTICLINE
- SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP
- CONTROL POINT w/ ELEVATION
- STRIKE & DIP - BEDDING
- STRIKE & DIP - COAL SEAM
- STRIKE & DIP - FAULT PLANE
- ADIT

**LITHOLOGIC SYMBOLS**

- CONGLOMERATE
- SANDSTONE
- SANDY SHALE (Siltstone)
- SHALE (Claystone)
- CARBONACEOUS SHALE
- COAL

**GEOLOGIC FORMATIONS**

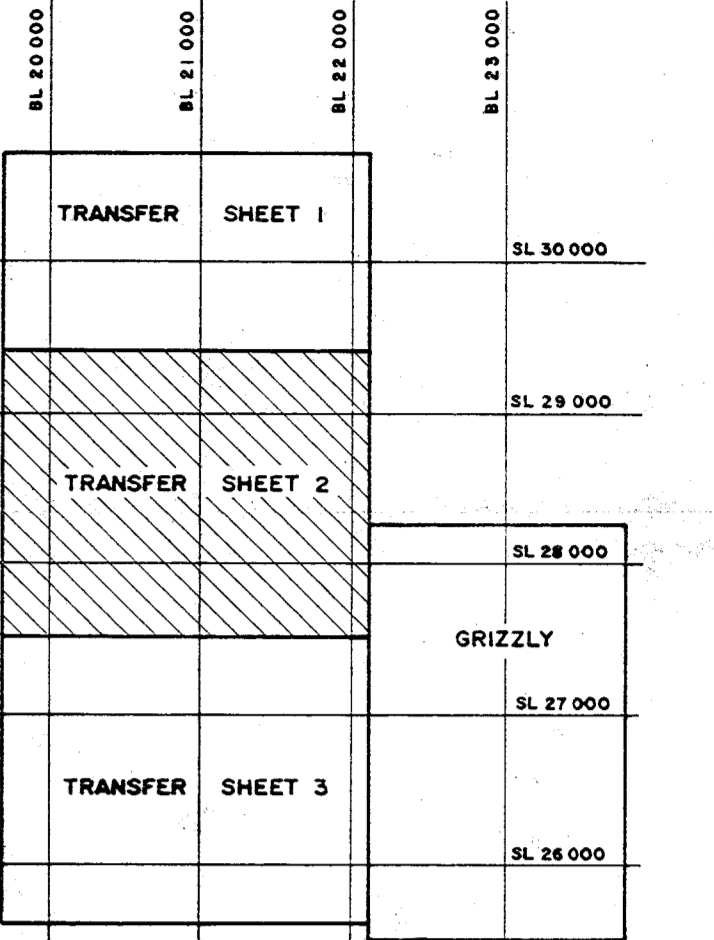
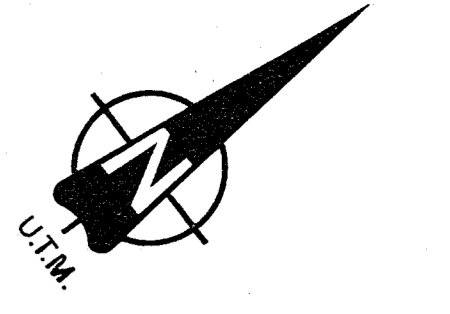
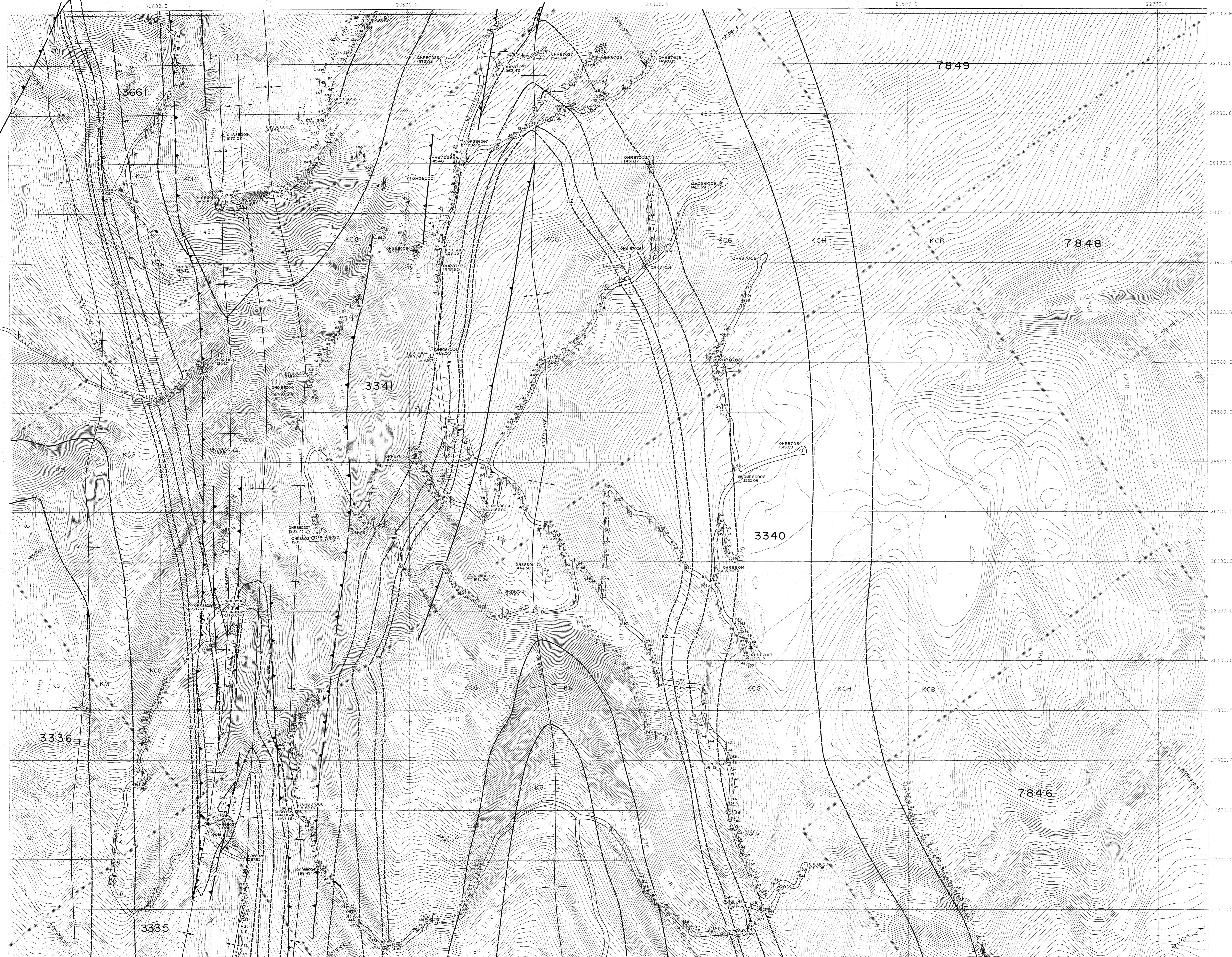
- SHAFTSBURY
- BOULDER CREEK
- HULGCROSS
- GATES
- MOOSEBAR
- GETHING
- CADOMIN



746

2	1/12/2008	UPDATED	DKL	D.J.	D.J.
1	2/20/2008	CORRECTION	B.L.	D.J.	D.J.
0	9/10/2006	ORIGINAL DRAFT	R.J.	D.J.	D.J.
Rev.	Date	Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION					
Area TRANSFER		Category GEOLOGY			
Drawing Title					
<b>TRANSFER AREA</b> <b>GEOLOGY</b>					
SHEET 1					
Scale	1:2500	Drawing No.	88-903-20-001	Rev.	2





KEY MAP

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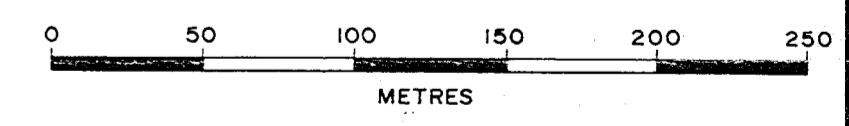
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- TRENCH
- ROTARY DRILL HOLE
- DIAMOND DRILL HOLE
- THRUST FAULT
- ANTICLINE
- SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP
- CONTROL POINT w/ ELEVATION
- STRIKE & DIP - BEDDING
- STRIKE & DIP - COAL SEAM
- STRIKE & DIP - FAULT PLANE
- ADIT

LITHOLOGIC SYMBOLS

- CONGLOMERATE
- SANDSTONE
- SANDY SHALE (Siltstone)
- SHALE (Claystone)
- CARBONACEOUS SHALE
- COAL

GEOLOGIC FORMATIONS

- SHAFTSBURY
- BOULDER CREEK
- HULCROSS
- GATES
- MOOSEBAR
- GETHING
- CADOMIN



746

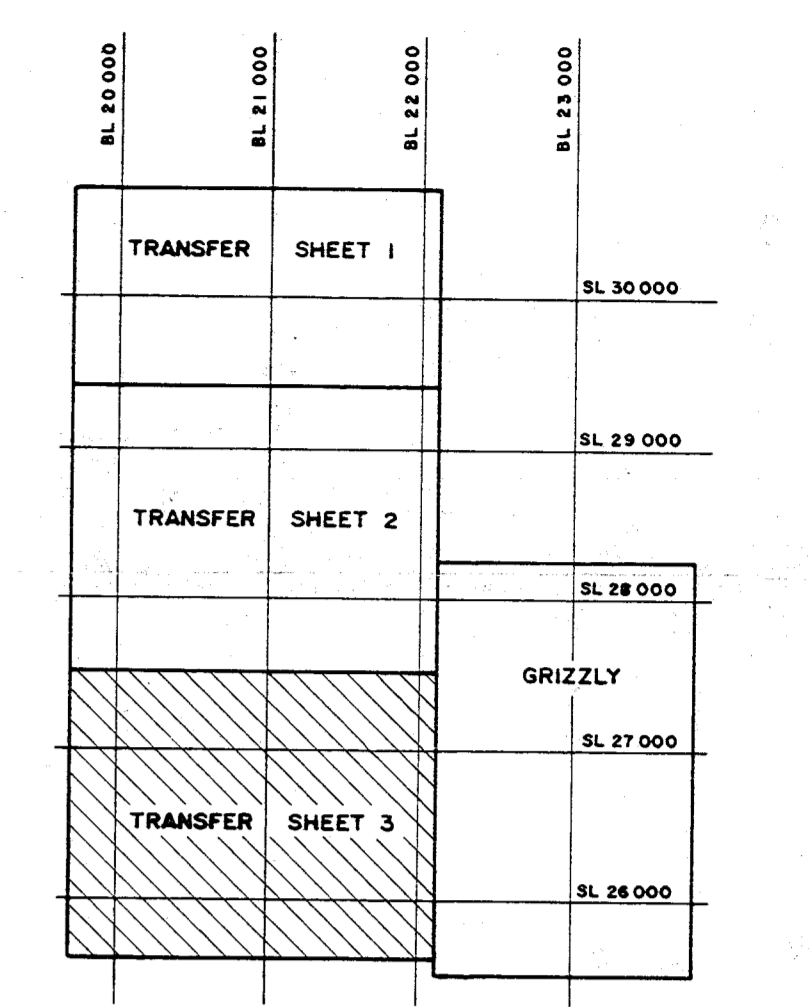
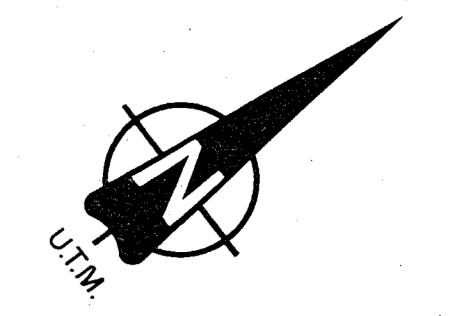
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0	01/02/88	ORIGINAL DRAFT	R.J.	D.J.	D.J.
Rev. (D)	M/J	Revision Description	Drn.	Des.	App.

**QUINTETTE COAL LIMITED**  
 Project Manager  
**DENISON MINES LIMITED**  
 COAL DIVISION

Area: TRANSFER Category: GEOLOGY  
 Drawing Title: TRANSFER AREA GEOLOGY

Scale: 1:2500 Drawing No.: 88-903-20-002 Rev.: 2

TRANSFER AREA  
GEOLOGY  
SHEET 2



KEY MAP  
N.T.S.

**LEGEND**

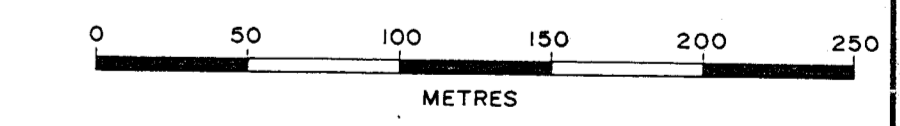
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- TRENCH
- ROTARY DRILL HOLE
- DIAMOND DRILL HOLE
- THRUST FAULT
- ANTICLINE
- SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP/SUBCROP
- CONTROL POINT w/ ELEVATION
- STRIKE & DIP - BEDDING
- STRIKE & DIP - COAL SEAM
- STRIKE & DIP - FAULT PLANE
- ADIT

**LITHOLOGIC SYMBOLS**

- CONGLOMERATE
- SANDSTONE
- SANDY SHALE (Siltstone)
- SHALE (Claystone)
- CARBONACEOUS SHALE
- COAL

**GEOLOGIC FORMATIONS**

- KS SHAFTSBURY
- KCB BOULDER CREEK
- KCH HULCROSS
- KCG GATES
- KM MOOSEBAR
- KG GETHING
- KCD CADOMIN

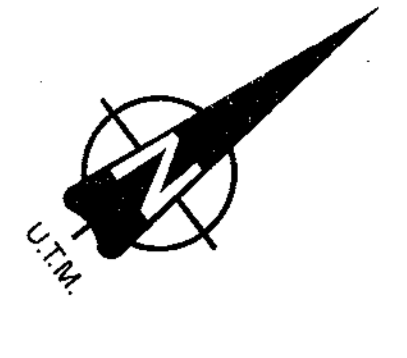
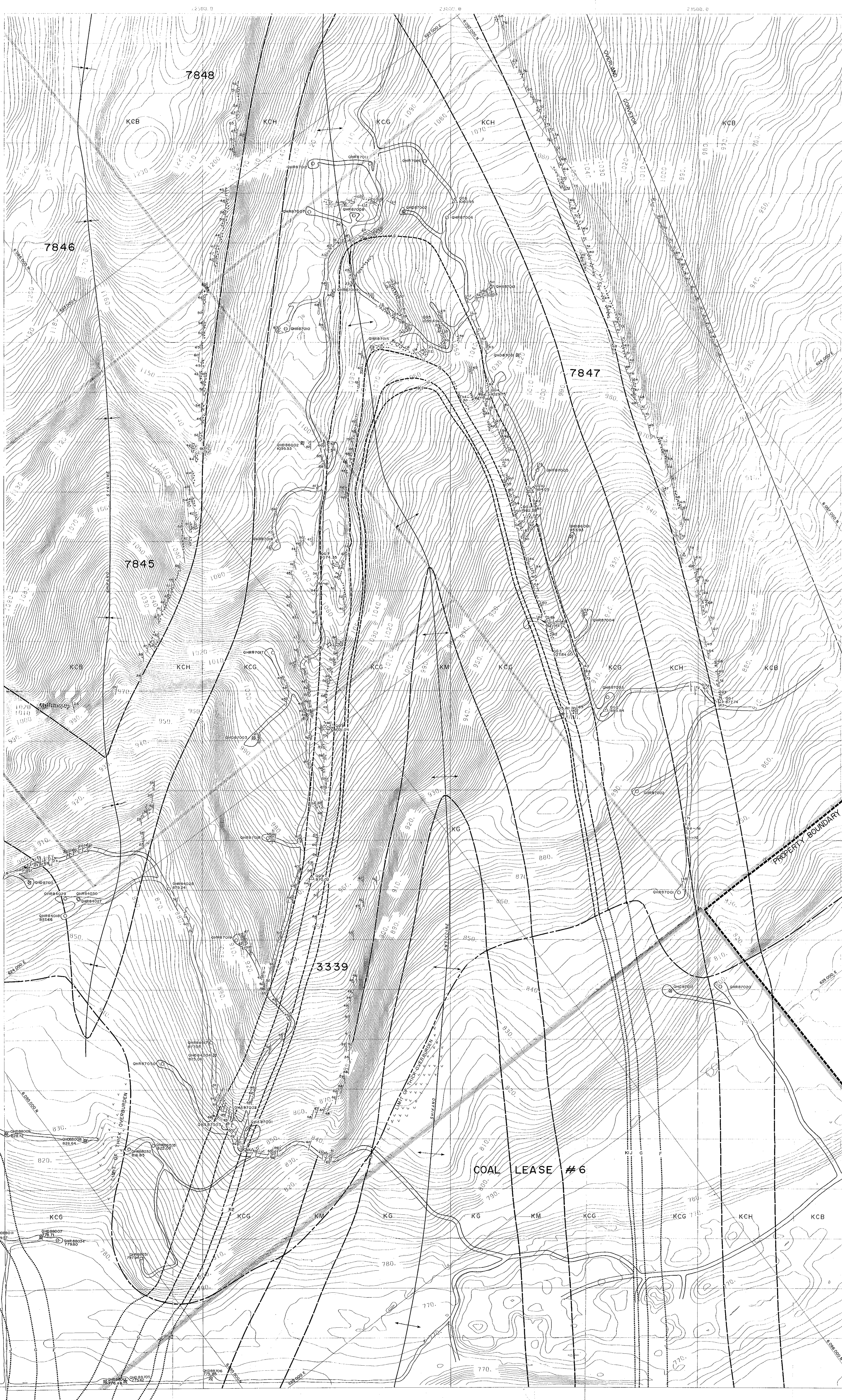


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Rev.	ID	M/V	Revision	Description	Drw. Des. App.
<b>QUINTETTE COAL LIMITED</b>					
Project Manager: <b>DENISON MINES LIMITED</b> COAL DIVISION					
Area	TRANSFER	Category	GEOLOGY		
Drawing Title: <b>TRANSFER AREA GEOLOGY</b>					
SHEET 3					
Scale	1:2500	Drawing No.	88-903-20-003	Rev.	1

**Appendix 1.2.2**

**Grizzly**



28200.0  
28100.0  
28000.0  
27900.0  
27800.0  
27700.0  
27600.0  
27500.0  
27400.0  
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TRANSFER SHEET 1	BL 28,000
TRANSFER SHEET 2	BL 27,500
TRANSFER SHEET 3	BL 27,000

KEY MAP  
N.T.S.

**LEGEND**

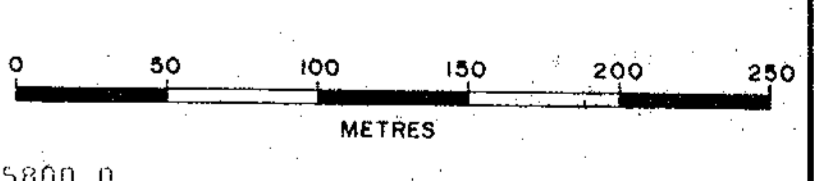
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- TRENCH
- ROTARY DRILL HOLE
- DIAMOND DRILL HOLE
- THRUST FAULT
- ANTICLINE
- SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP/SUB.
- CONTROL POINT w/ ELEVATION
- STRIKE & DIP - BEDDING
- STRIKE & DIP - COAL SEAM
- STRIKE & DIP - FAULT PLANE
- ADIT

**LITHOLOGIC SYMBOLS**

- CONGLOMERATE
- SANDSTONE
- SANDY SHALE (Siltstone)
- SHALE (Claystone)
- CARBONACEOUS SHALE
- COAL

**GEOLOGIC FORMATIONS**

- SHAFTSBURY
- BOULDER CREEK
- HULGROSS
- GATES
- MOOSEBAR
- GETHING
- CADOMIN



**746**

2	14	03/08	UPDATED	DWL	DJ	D.J.
1	22	07/08	CORRECTION	D.L.	D.J.	D.J.
0	18	03/08	ORIGINAL DRAFT	R.J.	D.J.	D.J.
Rev.	0	01/01	Revision	Description	Drawn	Checked

**QUINTETTE COAL LIMITED**  
Project Manager  
**DENISON MINES LIMITED**  
COAL DIVISION

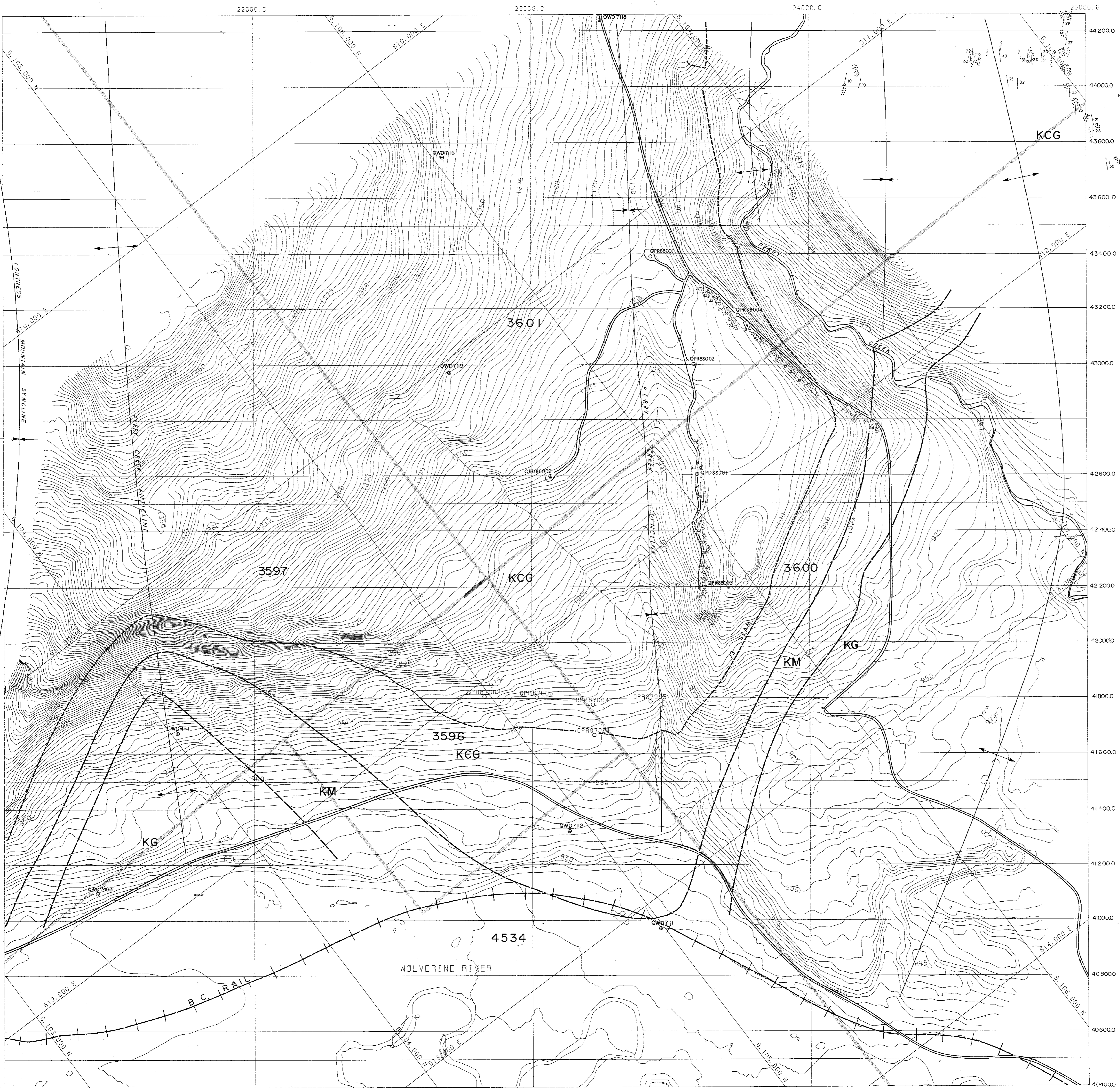
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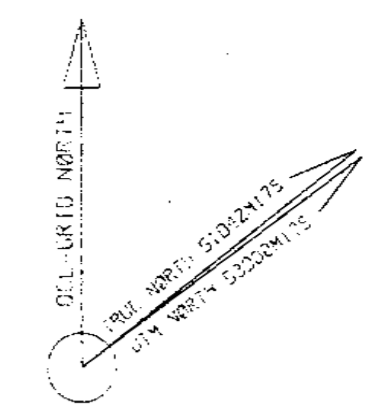
Scale: 1:2500    Drawing No.: 88-905-20-001    Rev: 2

**Appendix 1.2.3**

**Perry Creek**



NOTE: GEOL. MAPPING FROM 1:400 (1975) LOCATION APPROX. ONLY



**LEGEND**

- ROAD
- ROTARY DRILL HOLE
- CORE DRILL HOLE
- THRUST FAULT
- SYNCLINE
- ANTICLINE
- STRIKE & DIP (ROCK - COAL)
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP (SEAM TOP)

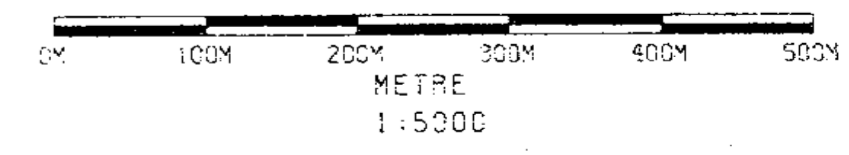
**LITHOLOGIC FORMATIONS**

- CONGLOMERATE
- SANDSTONE
- SANDSHALE (SILTSTONE)
- SHALE (CLAYSTONE)
- CARBONACEOUS SHALE
- COAL

**GEOLOGIC FORMATIONS**

- KS** SHAFTSBURY
- KCB** BOULDER CREEK
- KCG** HULLCROSS
- KCH** GATES
- KM** MOOSEBAR
- KG** GETHING
- KCD** CADOMIN
- JKM** MINNES

TOPOGRAPHY IS A COMPILATION USING  
 1:4800 MAP SHEETS J10 K10 (1971)  
 1:5000 MAP SHEETS Y32 Y33 Z32 Z33 (1976)



3	27/02/89	REVISED GEOLOGIC INTERPRETATION	ET	TW	DJ
2	02/04/88	REVISED GEOLOGIC INTERPRETATION	TW	TW	DJ
1	24/02/88	INTERPRETIVE GEOLOGY	TW	DJ	DJ
0	22/02/88	COMPUTER DRAFT	DL	DL	DJ
REV. TO	DATE	REVISION DESCRIPTION	DRN.	DES.	APP.

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 PROJECT MANAGER  
 DENISON MINES LIMITED  
 CORP. DIVISION

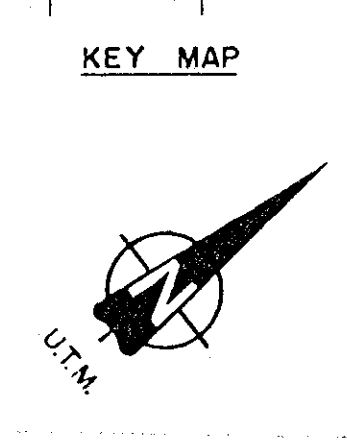
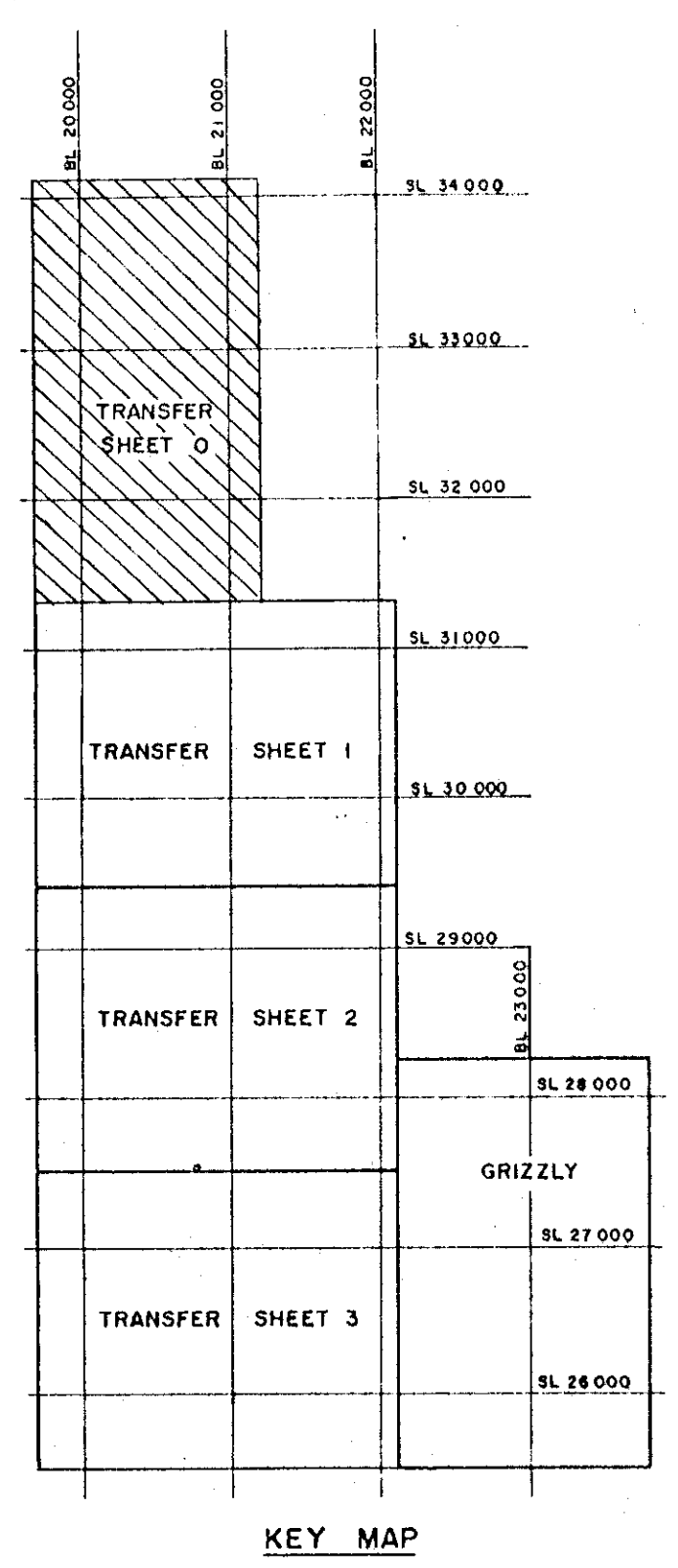
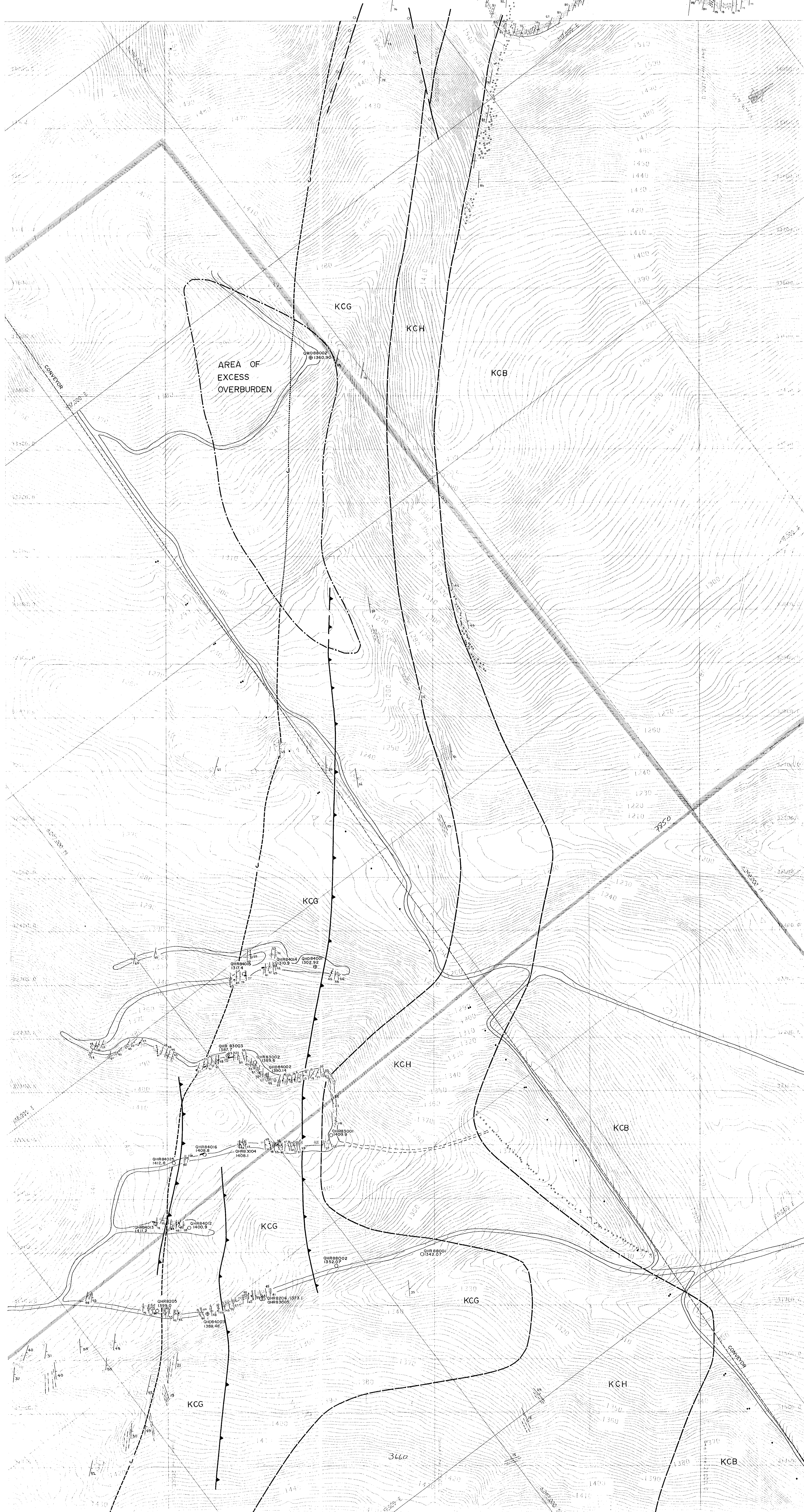
AREA: PERRY CREEK CATEGORY: GEOLOGY

DRAWING FILE: PERRY CREEK AREA  
 GEOLOGY **746**

SCALE: 1:5000	DRAWING FILE: 85-906-20-001	REV. 3
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**Appendix 1.2.4**

**Marmot**



**LEGEND**

- ||| ROADS
- TRENCH
- ROTARY DRILL HOLE
- ⊕ DIAMOND DRILL HOLE
- ⊕ THRUST FAULT
- ↑ ANTICLINE
- ↓ SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP
- △ 1486 975.17 CONTROL POINT w/ ELEVATION
- 135 STRIKE & DIP - BEDDING
- 135 STRIKE & DIP - COAL SEAM
- 180 STRIKE & DIP - FAULT PLANE
- ADIT

**LITHOLOGIC SYMBOLS**

- [Pattern] CONGLOMERATE
- [Pattern] SANDSTONE
- [Pattern] SANDY SHALE (Siltstone)
- [Pattern] SHALE (Claystone)
- [Pattern] CARBONACEOUS SHALE
- [Pattern] COAL

**GEOLOGIC FORMATIONS**

- [Box] KS SHAFTSBURY
- [Box] KCB BOULDER CREEK
- [Box] KCH HULGROSS
- [Box] KCG GATES
- [Box] KM MOOSEBAR
- [Box] KG GETHING
- [Box] KCD CADOMIN

Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
0	16	03	89	ORIGINAL DRAFT		DRL	DJ

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**DENISON MINES LIMITED**  
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Area HERMANN NORTH    Category GEOLOGY

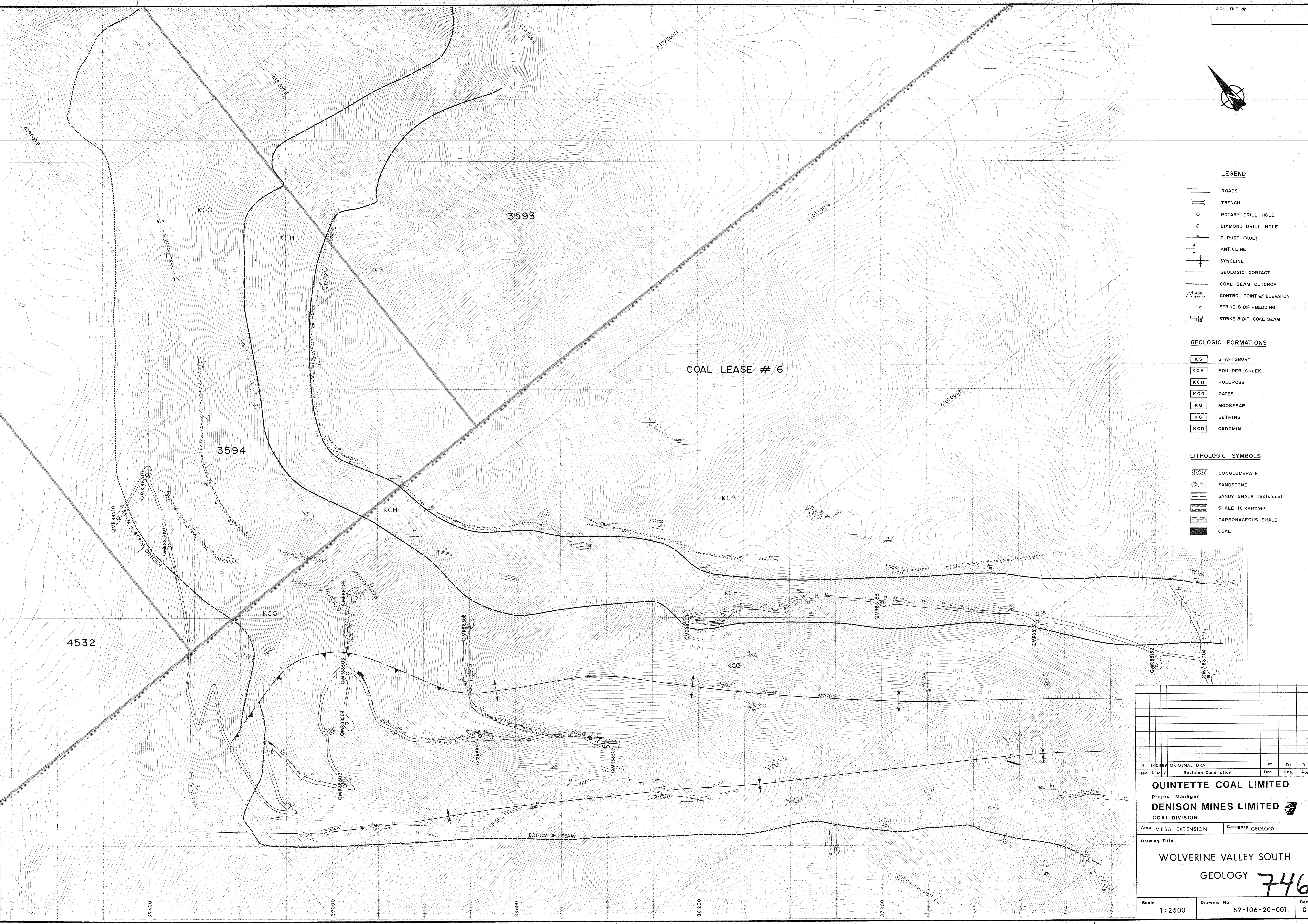
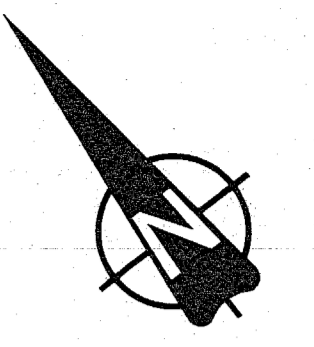
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**MARMOT AREA 746**  
 GEOLOGY

SHEET 0

Scale 1:2500    Drawing No. 89-601-20-001    Rev. 0



**Appendix 1.2.5**  
**Wolverine Valley South**



**LEGEND**

- ROADS
- TRENCH
- ROTARY DRILL HOLE
- DIAMOND DRILL HOLE
- THRUST FAULT
- ANTICLINE
- SYNCLINE
- GEOLOGIC CONTACT
- COAL SEAM OUTCROP
- CONTROL POINT w/ ELEVATION
- STRIKE & DIP - BEDDING
- STRIKE & DIP - COAL SEAM

**GEOLOGIC FORMATIONS**

- SHAFTSBURY
- BOULDER CREEK
- HULCROSS
- GATES
- MOOSEBAR
- GETHING
- CADOMIN

**LITHOLOGIC SYMBOLS**

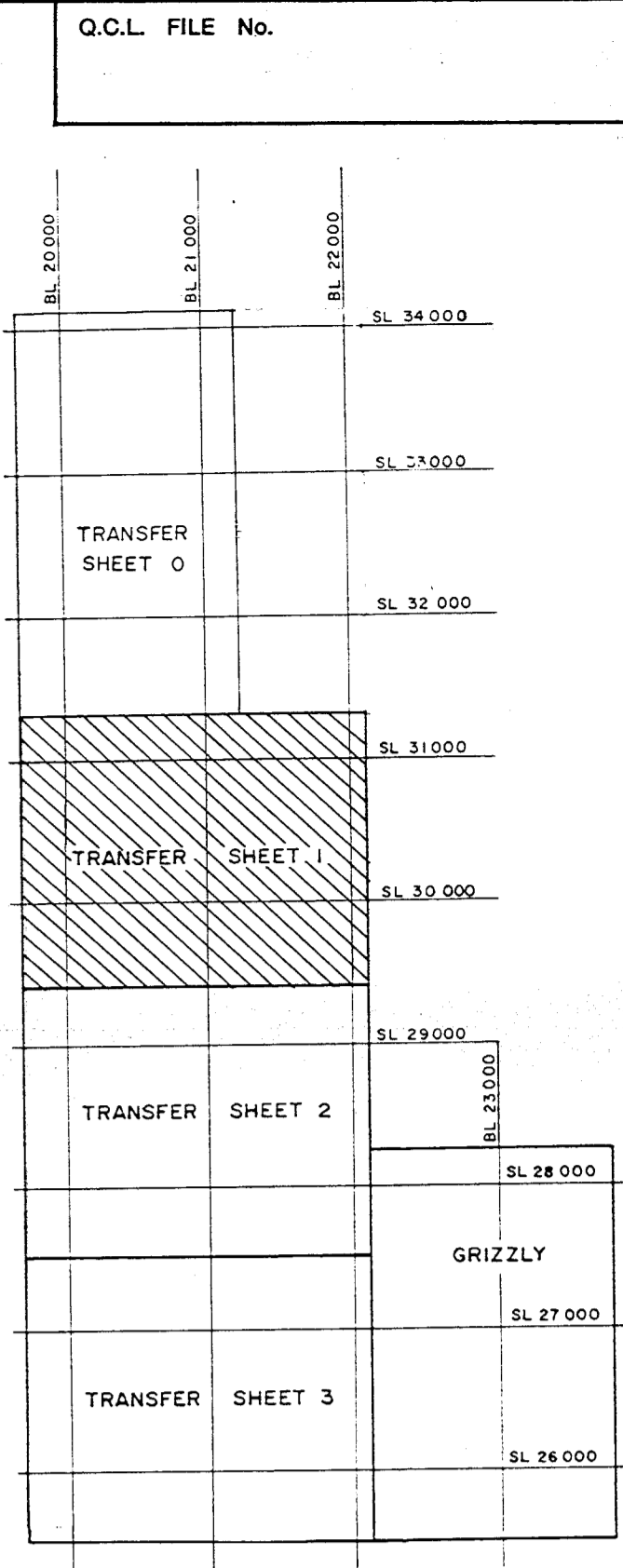
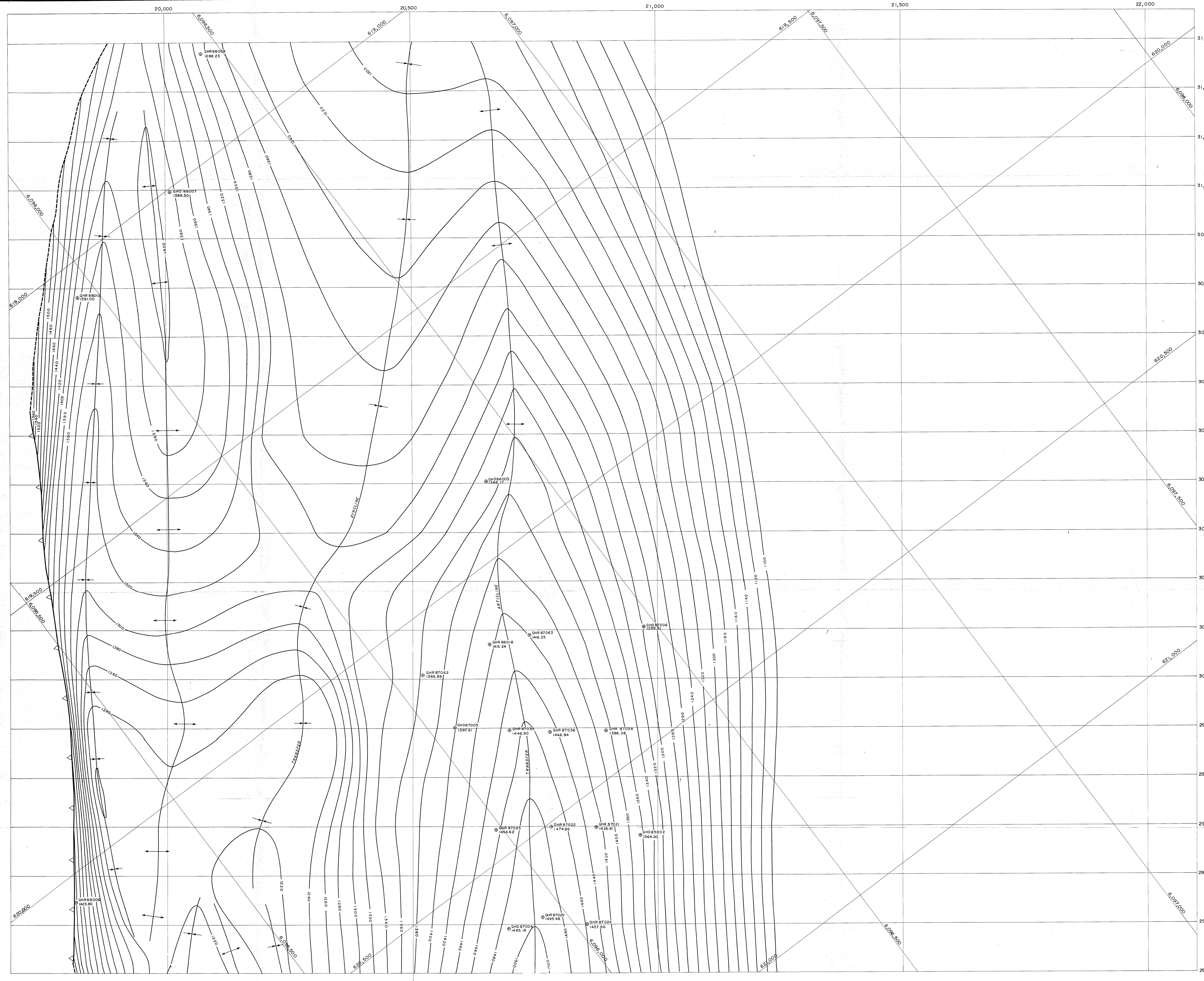
- CONGLOMERATE
- SANDSTONE
- SANDY SHALE (Siltstone)
- SHALE (Claystone)
- CARBONACEOUS SHALE
- COAL

0	13/03/89	ORIGINAL DRAFT	ET	DJ	DJ
Rev.	D/M/Y	Revision Description	Drn.	Des.	App.
<b>QUINTETTE COAL LIMITED</b>					
Project Manager					
<b>DENISON MINES LIMITED</b>					
COAL DIVISION					
Area MESA EXTENSION			Category GEOLOGY		
Drawing Title					
<b>WOLVERINE VALLEY SOUTH</b>					
<b>GEOLOGY 746</b>					
Scale	1:2500	Drawing No.	89-106-20-001	Rev.	0

**Appendix 1.2.6**  
**Regional Geology**

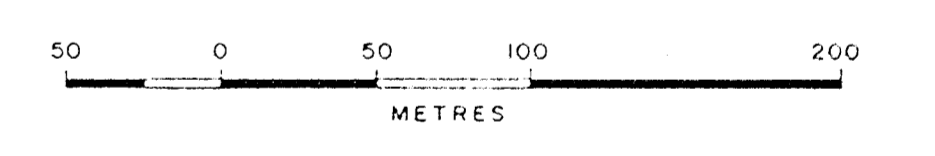
**Appendix 1.3**  
**1988 Geological Report**  
**Structure Contours**





**LEGEND**

- 900 — STRUCTURE CONTOUR (20m Interval)
- ⊕ QHR87017 ROTARY DRILL HOLE (Collar Location)
- ⊕ QHD87003 DIAMOND DRILL HOLE (Collar Location)
- + 715.96 ELEV. OF DRILL HOLE INTERSECTION AT TOP OF SEAM
- ↕ THRUST FAULT / LOWER THRUST PLATE
- ↕ ANTICLINE
- ↕ SYNCLINE
- - - COAL SEAM OUTCROP/SUBCROP
- o o NORMAL FAULT



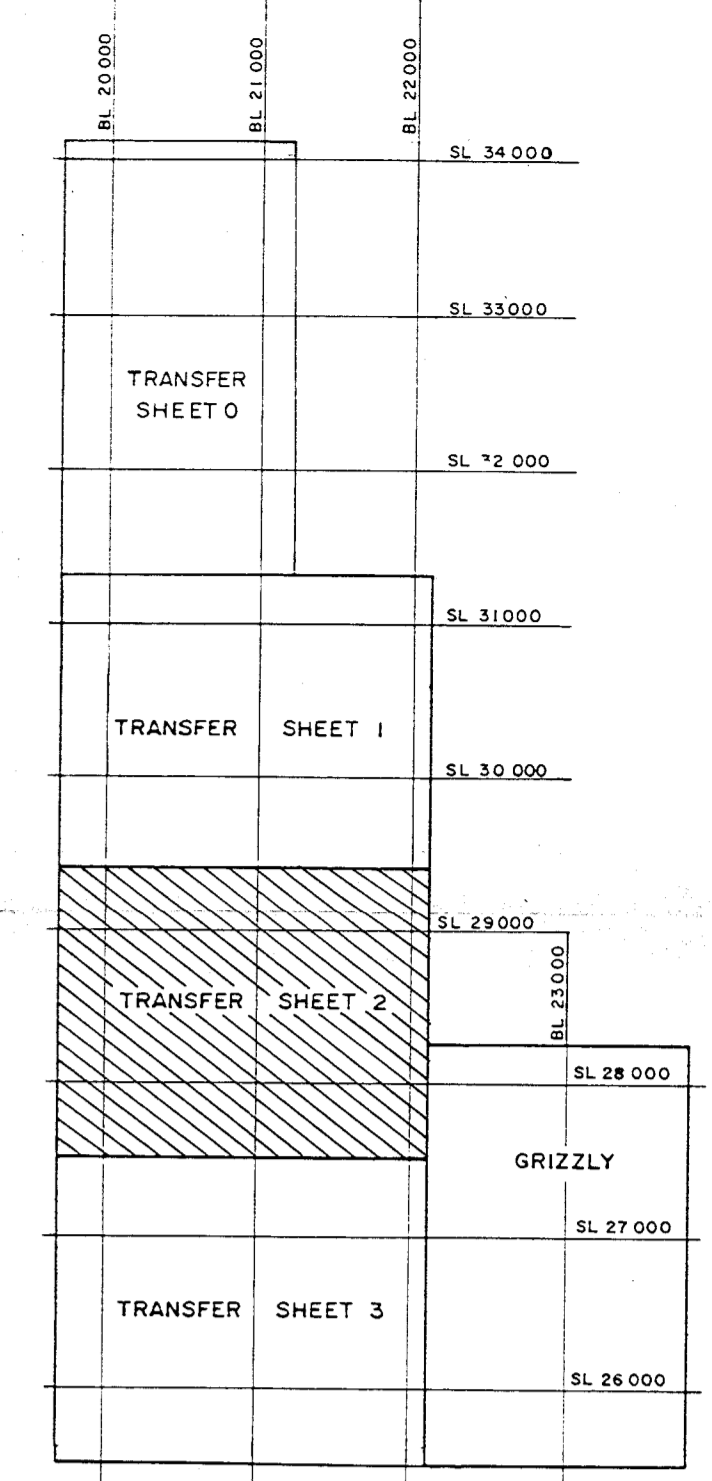
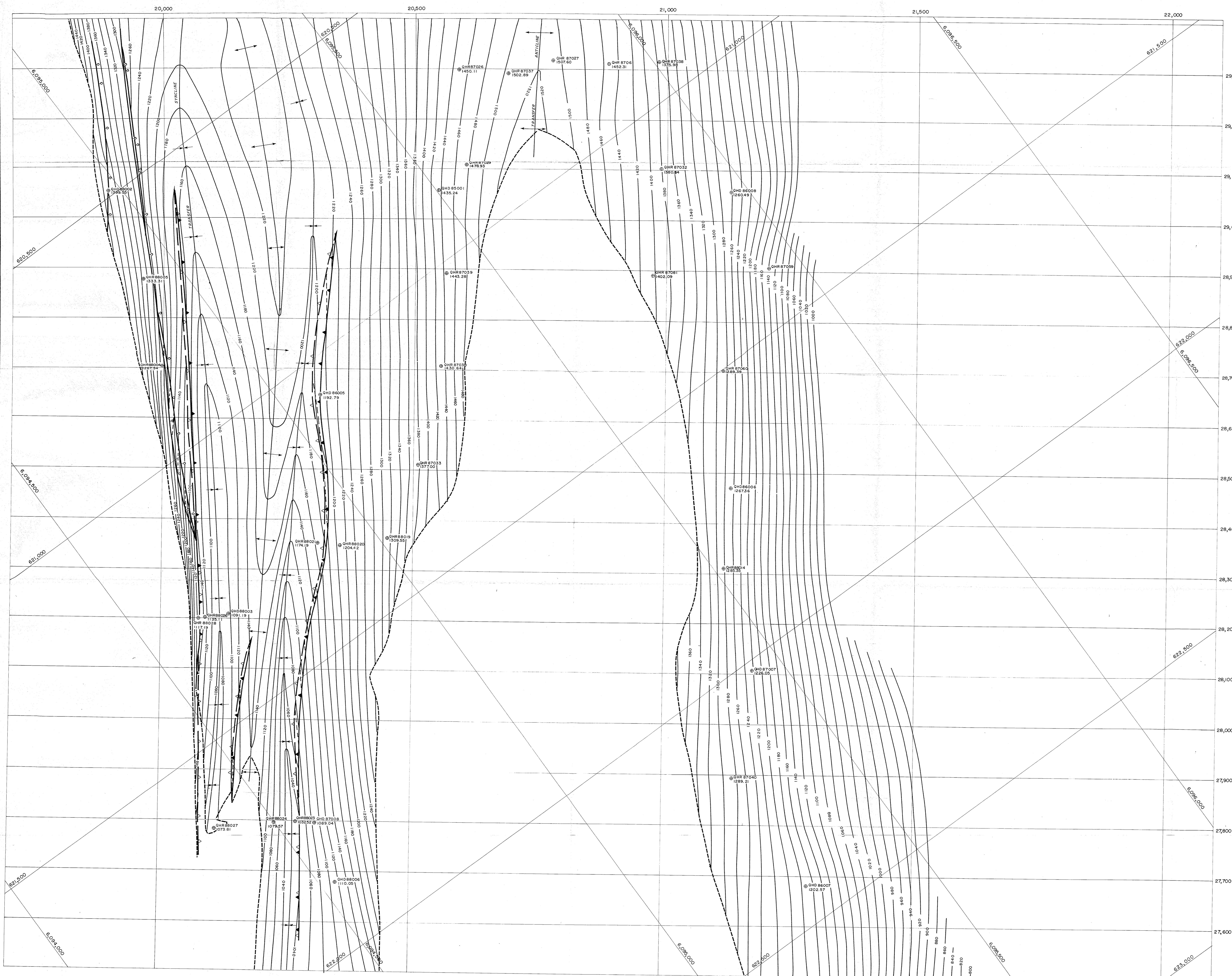
0	07/03/89	ORIGINAL DRAFT	DKL	DJ	DJ
Rev.	D	M	Y	Drn.	Des.
		Revision Description			

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**DENISON MINES LIMITED**  
COAL DIVISION

Area TRANSFER - SHEET 1 Category Structure Contour

Drawing Title  
**TRANSFER AREA 746**  
**STRUCTURE CONTOUR**  
**TOP OF J SEAM SHEET 1**

Scale 1:2500 Drawing No. 89-903-22-001 Rev. 0



**LEGEND**

— 900 —	STRUCTURE CONTOUR (20m Interval)
⊕	ROTARY DRILL HOLE (Collar Location)
⊕	DIAMOND DRILL HOLE (Collar Location)
+ 715.96	ELEV. OF DRILL HOLE INTERSECTION AT TOP OF SEAM
↕	THRUST FAULT / LOWER THRUST PLATE
↑	ANTICLINE
↓	SYNCLINE
---	COAL SEAM OUTCROP/SUBCROP
⊕ ⊕	NORMAL FAULT



0	06/02/89	ORIGINAL DRAFT	DKL	DJ	DJ		
Rev.	D	M	Y	Revision Description	Drn.	Des.	App.

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**DENISON MINES LIMITED**  
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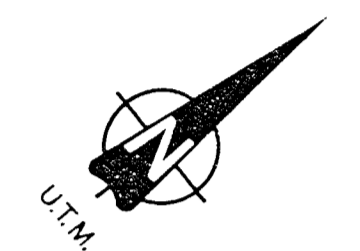
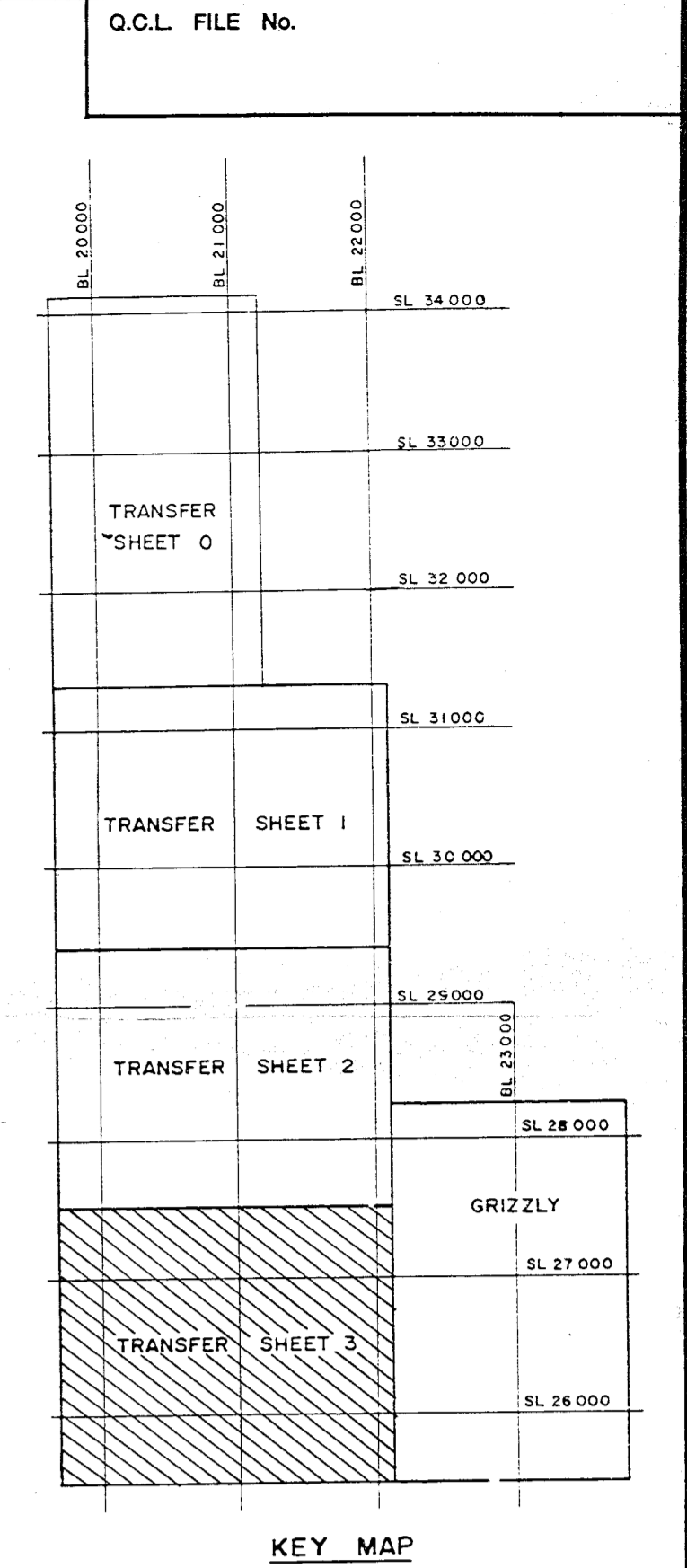
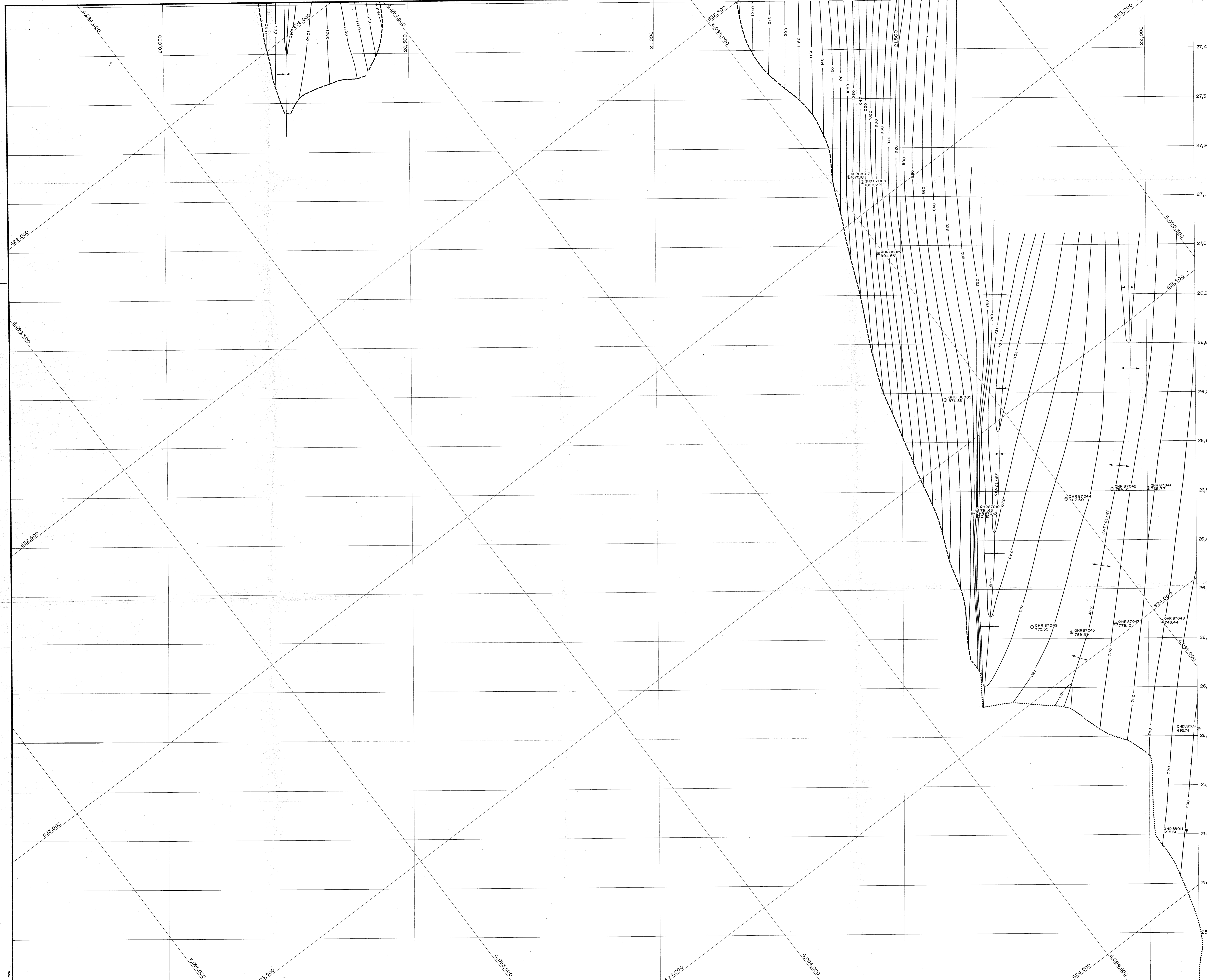
Area TRANSFER-SHEET 2 | Category Structure Contour

Drawing Title  
**TRANSFER AREA 746**  
 STRUCTURE CONTOUR  
 TOP OF J SEAM SHEET 2

Scale 1:2500 | Drawing No. 89-903-22-002 | Rev. 0

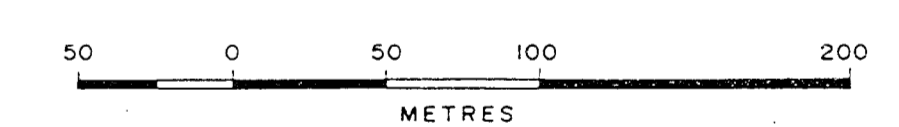
**Appendix 1.3.1**  
**Transfer (Top of J)**  
**(3 sheets)**





**LEGEND**

- 900 — STRUCTURE CONTOUR (20m interval)
- ⊕ QHR87017 ROTARY DRILL HOLE (Collar Location)
- ⊕ QHD87003 DIAMOND DRILL HOLE (Collar Location)
- ⊕ ELEV. OF DRILL HOLE INTERSECTION AT TOP OF SEAM
- V — THRUST FAULT / LOWER THRUST PLATE
- A — ANTICLINE
- S — SYNCLINE
- C — COAL SEAM OUTCROP/SUBCROP
- N — NORMAL FAULT



Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
0				ORIGINAL DRAFT	DKL	DJ	DJ

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Area TRANSFER - SHEET 3 Category Structure Contour

Drawing Title  
**TRANSFER AREA 746**  
**STRUCTURE CONTOUR**  
**TOP OF J SEAM SHEET 3**

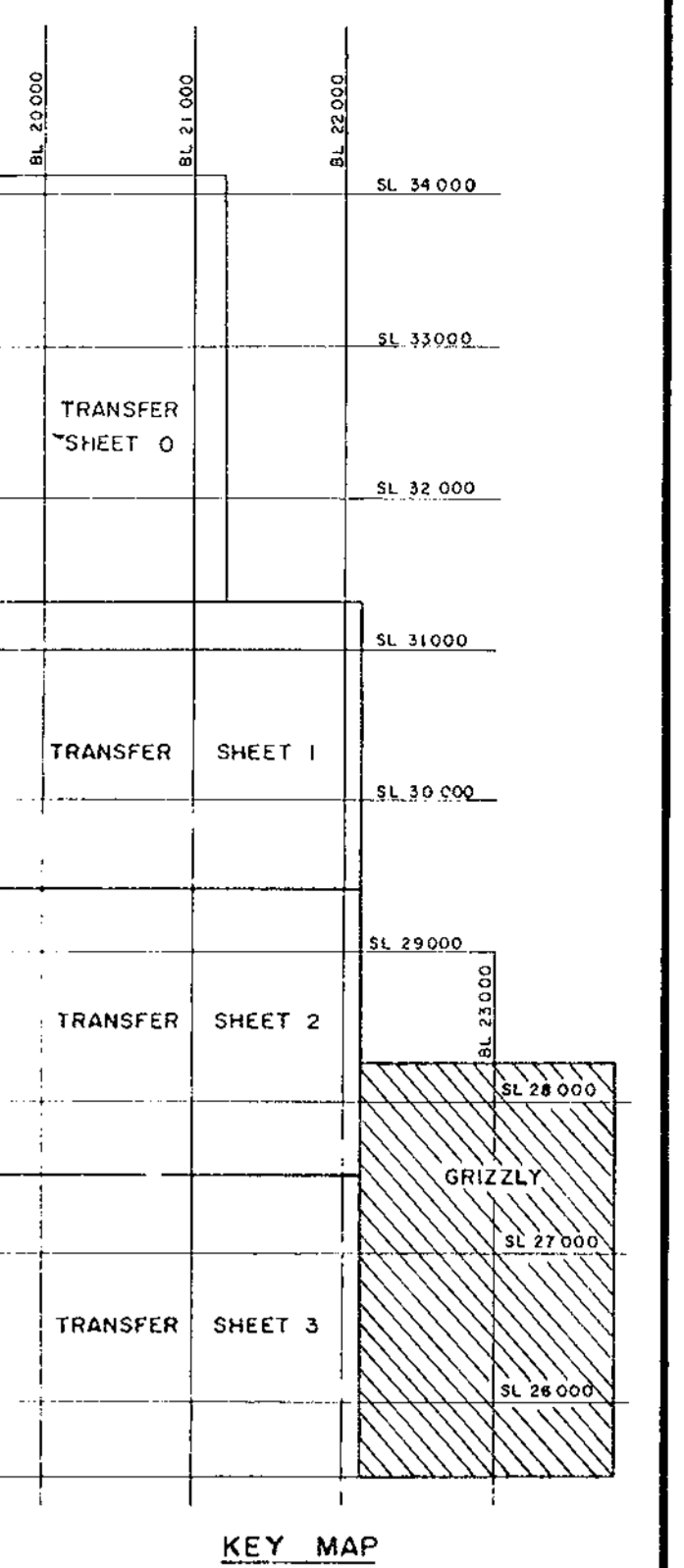
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**Appendix 1.3.2**  
**Grizzly (Top of J)**

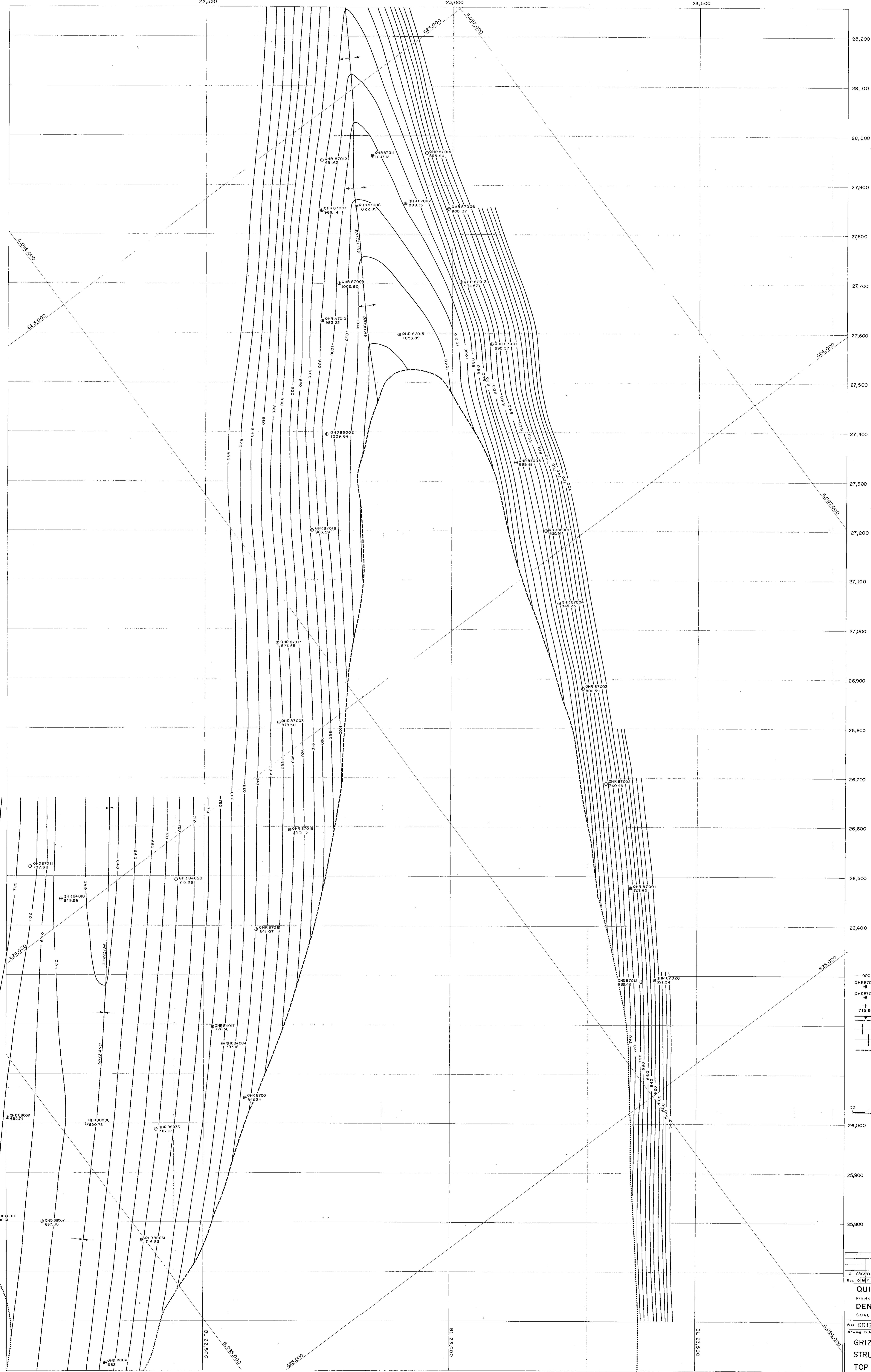
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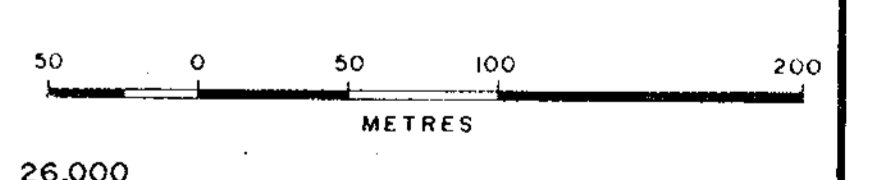


KEY MAP



LEGEND

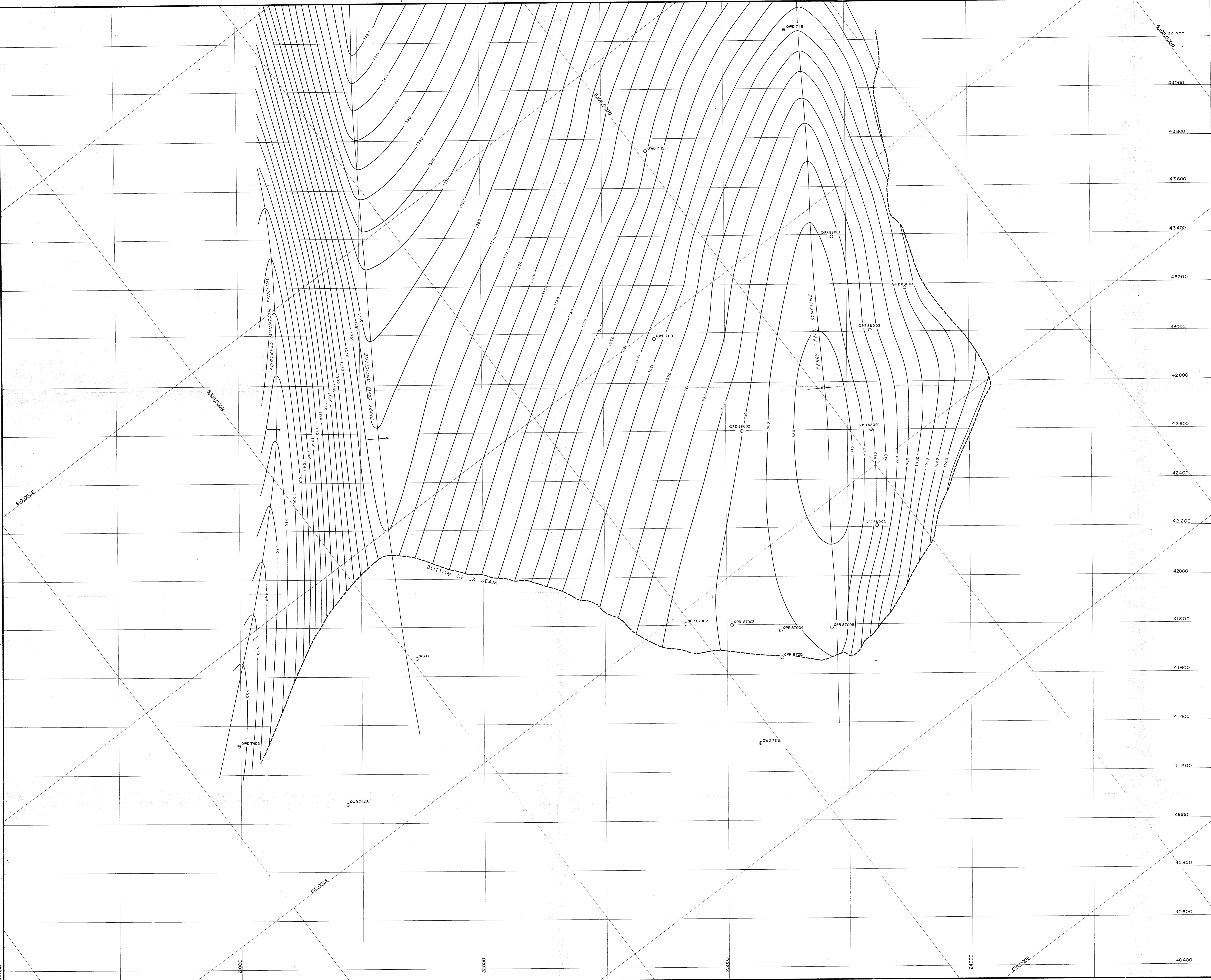
- 900 --- STRUCTURE CONTOUR (20m Interval)
- QHR87007 ROTARY DRILL HOLE (Collar Location)
- QHR87003 DIAMOND DRILL HOLE (Collar Location)
- 715.96 ELEV. OF DRILL HOLE INTERSECTION AT TOP OF SEAM
- THRUST FAULT / LOWER THRUST PLATE
- ANTICLINE
- SYNCLINE
- COAL SEAM OUTCROP/SUBCROP



746

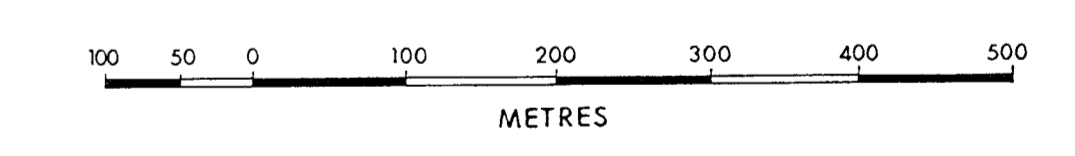
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Rev.	0	1	2	3	4
Rev.	0	1	2	3	4
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION					
Area: GRIZZLY		Category: Structure Contour			
Drawing Title					
<b>GRIZZLY AREA</b> <b>STRUCTURE CONTOUR</b> <b>TOP OF J SEAM</b>					
Scale	Drawing No.		Rev.		
1:2500	89-905-22-001		0		

**Appendix 1.3.3**  
**Perry Creek (Bottom of J3)**



**LEGEND**

- STRUCTURE CONTOUR (20m interval)
- - - COAL SEAM OUTCROP
- QPR 87003 ROTARY DRILL HOLE
- ⊙ QPD 88002 DIAMOND DRILL HOLE
- ↑ ANTICLINE
- ↓ SYNCLINE



Rev.	D	M	Y	Revision Description	Drn.	Des.	App.
0	28	02	89	Original Draft	ET	TW	DJ

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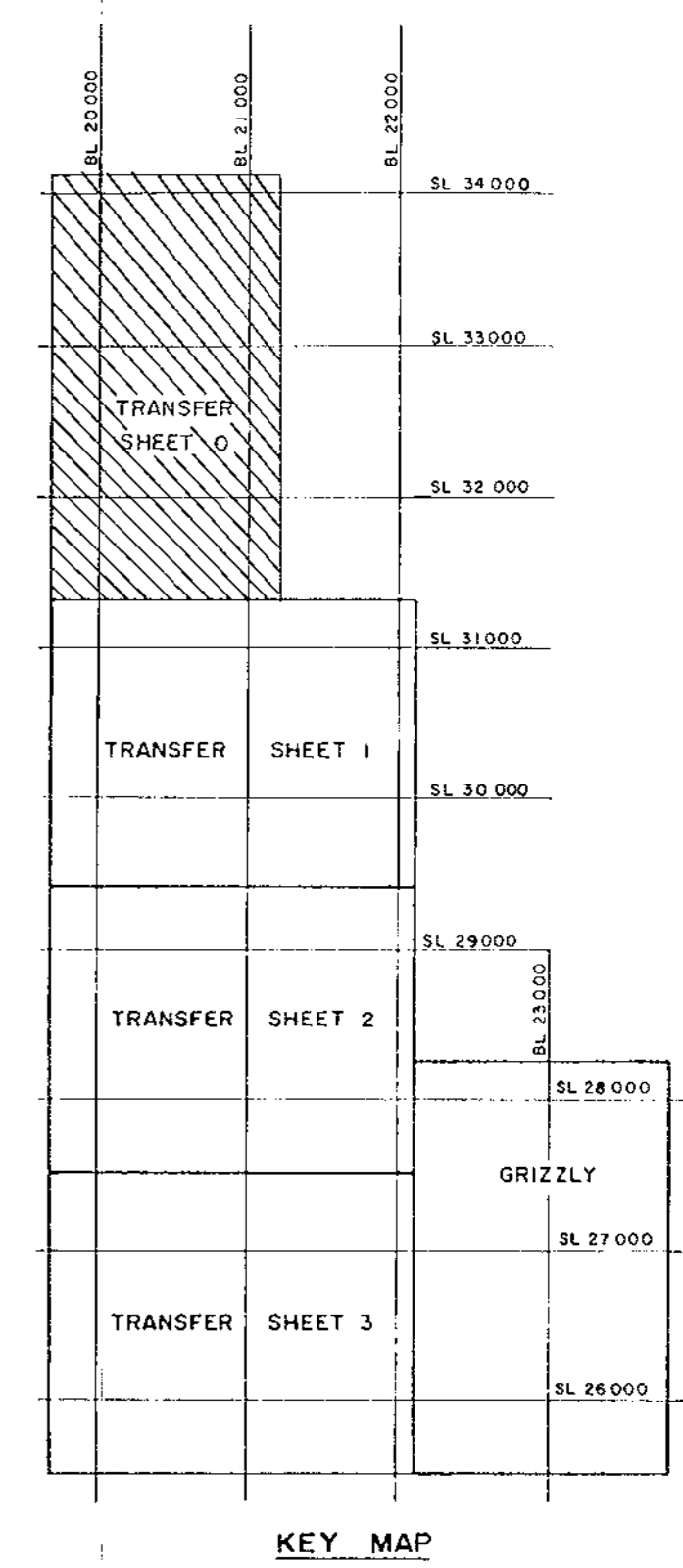
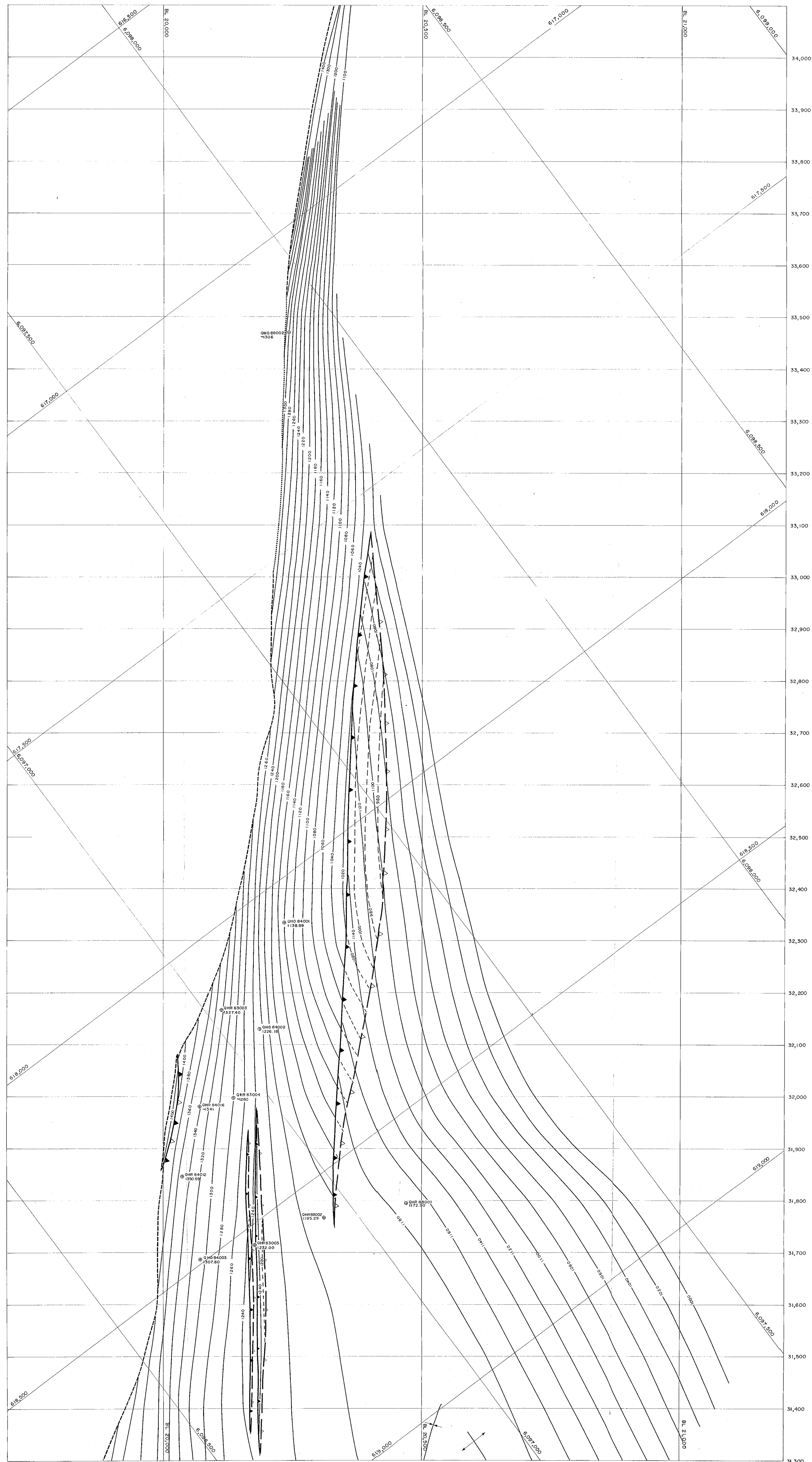
Area **PERRY CREEK** Category **STRUCTURE CONTOUR**

Drawing Title  
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 STRUCTURE CONTOUR  
 BOTTOM J3 SEAM**

Scale **1:5000** Drawing No. **89-906-22-001** Rev. **0**

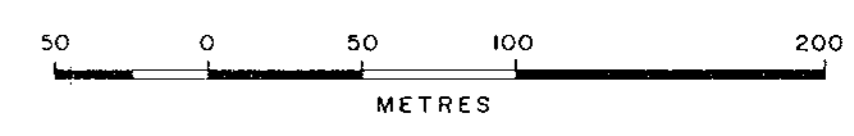
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**Appendix 1.3.4**  
**Marmot (Top of J)**



**LEGEND**

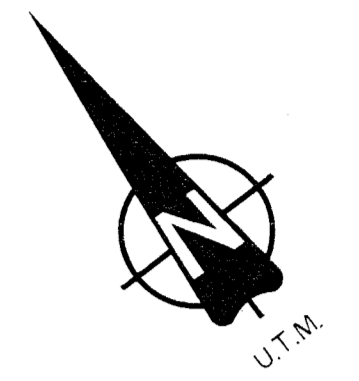
- 900 — STRUCTURE CONTOUR (20m Interval)
- ⊕ QHR87017 ROTARY DRILL HOLE (Collar Location)
- ⊕ QHR87003 DIAMOND DRILL HOLE (Collar Location)
- ⊕ 715.96 ELEV. OF DRILL HOLE INTERSECTION AT TOP OF SEAM
- ▲— THRUST FAULT / LOWER THRUST PLATE
- ↕ ANTICLINE
- ↕ SYNCLINE
- ▲— COAL SEAM OUTCROP/SUBCROP
- NORMAL FAULT



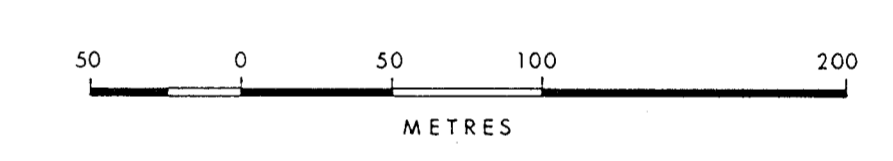
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Rev.	D.M.Y.	Revision Description	D.K.L. D.J. D.J. Drn. Des. App.
<b>QUINTETTE COAL LIMITED</b> Project Manager <b>DENISON MINES LIMITED</b> COAL DIVISION			
Area HERMANN NORTH		Category STRUCTURE CONTOUR	
Drawing Title			
<b>MARMOT AREA</b> <b>STRUCTURE CONTOUR</b> <b>TOP OF J SEAM SHEET 0</b>			
Scale	Drawing No.	Rev.	
1: 2500	89-601-22-001	0	

**Appendix 1.3.5**  
**Wolverine Valley South (Top of J)**





- 120m --- STRUCTURE CONTOUR (20m interval)
- QMR88508 @ ROTARY DRILL HOLE (collar location)
- QMD88010 @ DIAMOND DRILL HOLE (collar location)
- + 713.96 ELEVATION OF DRILL HOLE INTERSECTION (top of seam)
- THRUST FAULT / LOWER THRUST PLATE
- ANTICLINE
- SYNCLINE
- COAL SEAM OUTCROP / SUBCROP



746

0	080389	ORIGINAL DRAFT	ET	DJ	DJ
Rev.	DI	MY	Revision Description	Drn.	Des. App.

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Area MESA EXTENSION Category STRUCTURE CONTOUR

Drawing Title  
**WOLVERINE VALLEY SOUTH**  
**BOTTOM J SEAM**

Scale	1: 2500	Drawing No.	89-106-22-001	Rev.	0
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