

**OPEN FILE**

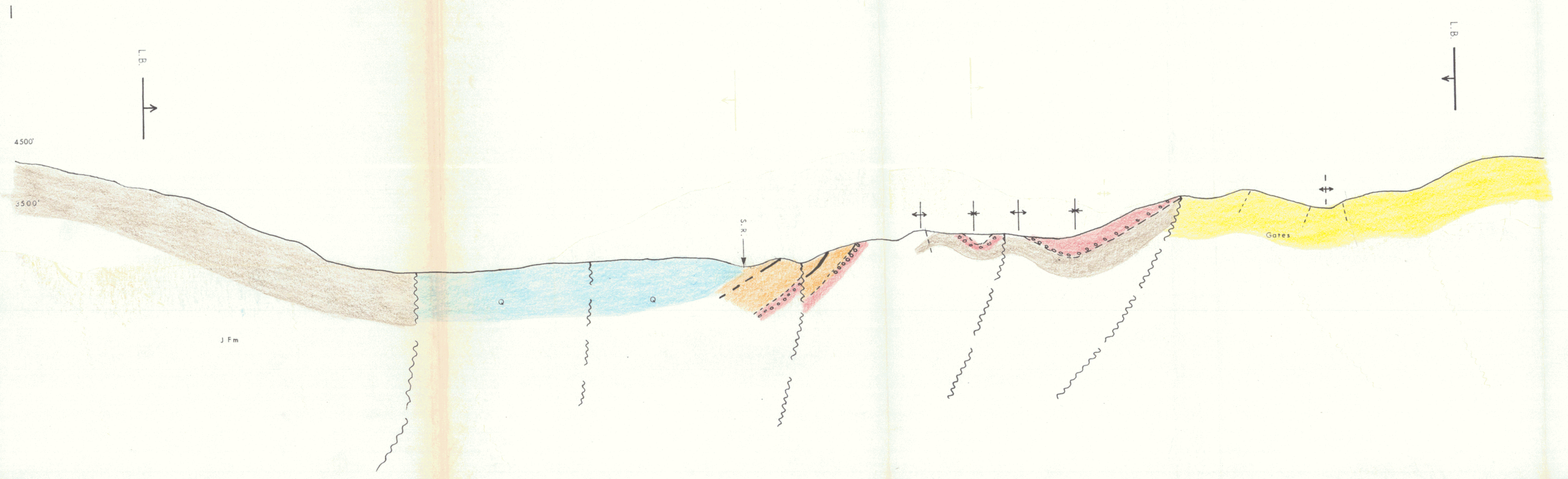
APPENDIX III

Structural Cross-Sections at 1"=1000'

**OPEN FILE**

674



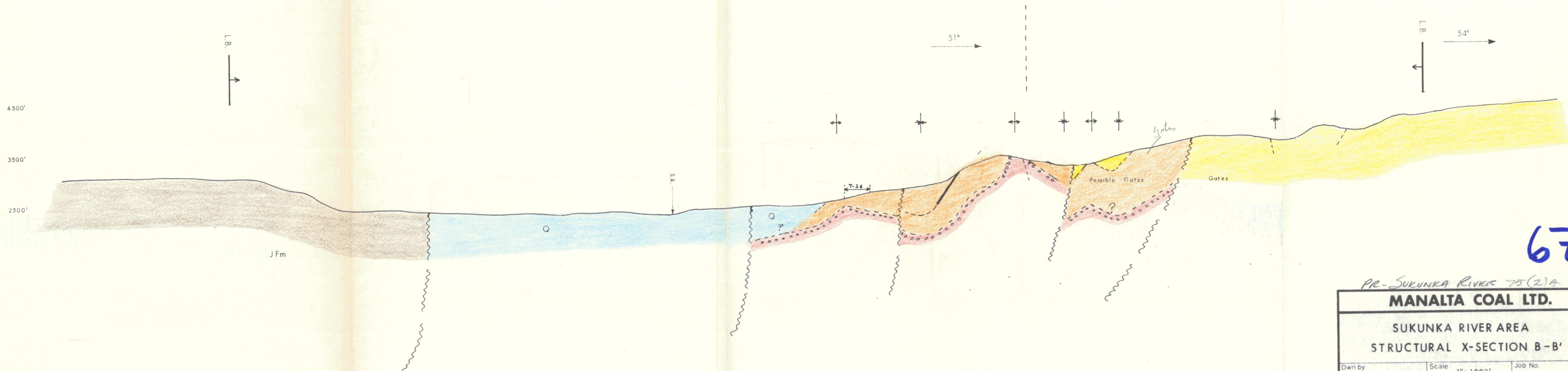


674

PR-SUKUNKA RIVER 75(2)A.

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER AREA STRUCTURAL X-SECTION A-A'		
Dwn by	Scale: 1" = 1000'	Job No.:
Chk'd by <i>A. Shily C.E.T.</i>	Date: DEC. 1 75	Dwg. No.:





674

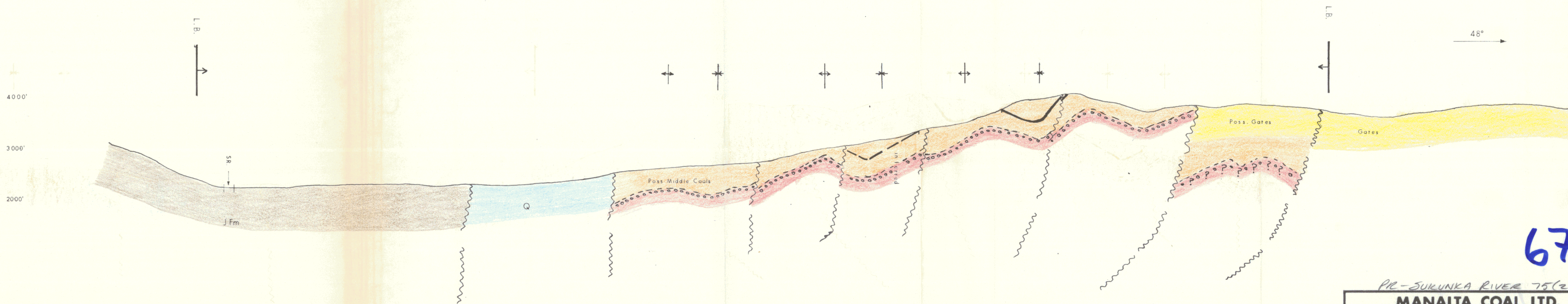
PR-SUKUNKA RIVER 75(2)A

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
STRUCTURAL X-SECTION B-B'

Dwn by	Scale 1" = 1000'	Job No.
Chg'd by <i>[Signature]</i> C.E.T.	Date DEC. 175	Dwg No.





674

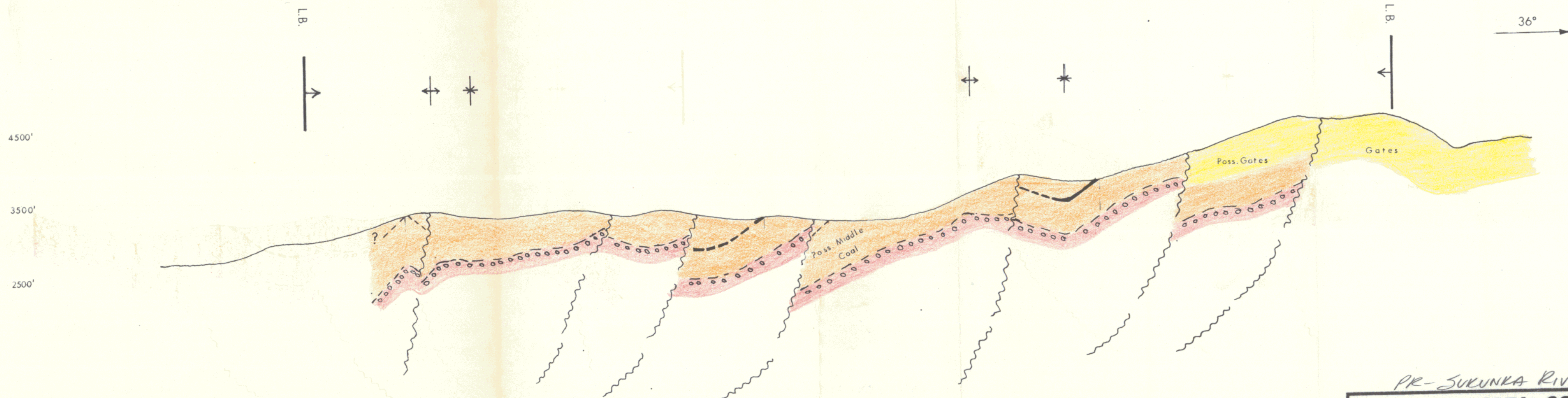
PR-SUKUNKA RIVER 75(2)A.

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
STRUCTURAL X-SECTION C-C'

Dwn by	Scale 1" = 1000'	Job No.
Chk'd by <i>P. H. Shirley C.E.T.</i>	Date DEC. / 75	Dwg. No.



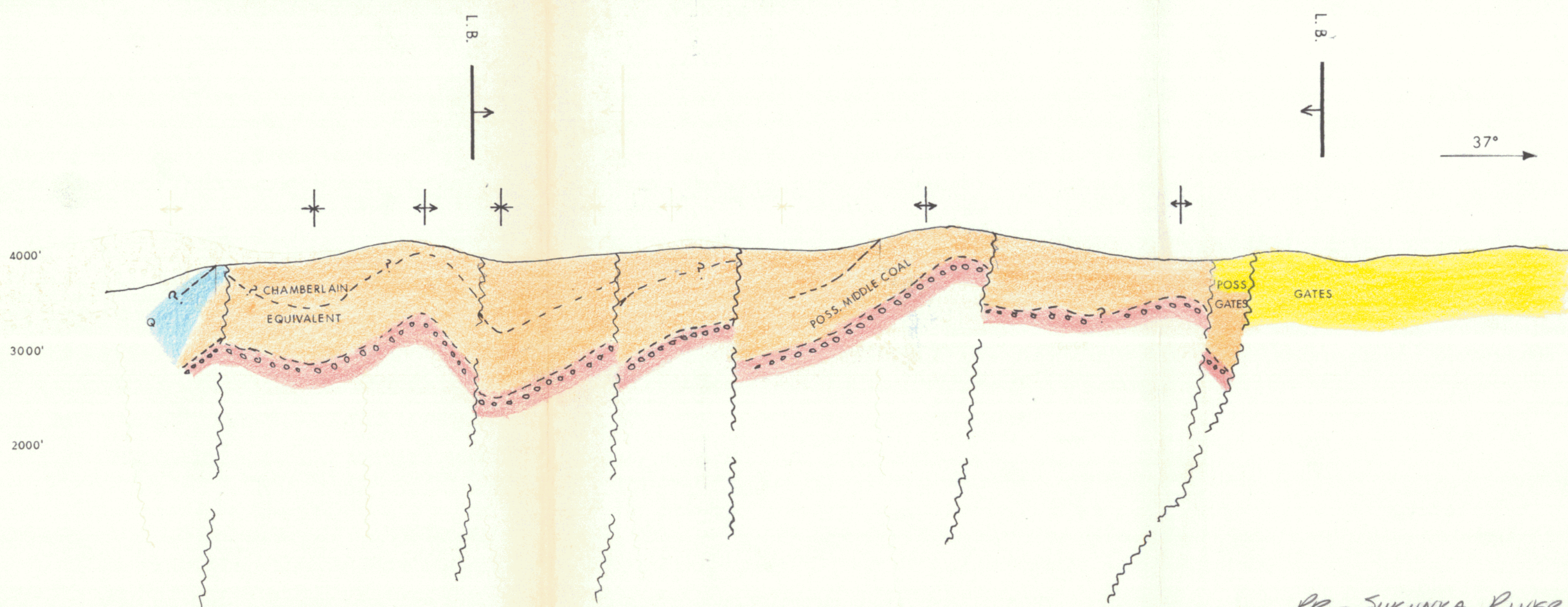


674

PR-SUKUNKA RIVER 75(2)A.

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER AREA STRUCTURAL X-SECTION D-D'		
Dwn by	Scale 1"=1000'	Job No.
Chkd by <i>D.A. Shuly C.E.T.</i>	Date DEC. 1975	Dwg No.





674

PR - SUKUNKA RIVER 75(2)A.

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
STRUCTURAL X-SECTION E-E'

Dwn by	Scale 1" = 1000'	Job No.
Chk'd by <i>A. Shady</i> C.E.T.	Date DEC./75	Dwg No.



APPENDIX IV

Detailed Cross-Sections for Area I Coal Reserve at 1"=100'

674



4000  
3900  
3800  
3700  
3600  
3500  
3400

AREA 1

BL

Top of coal

674

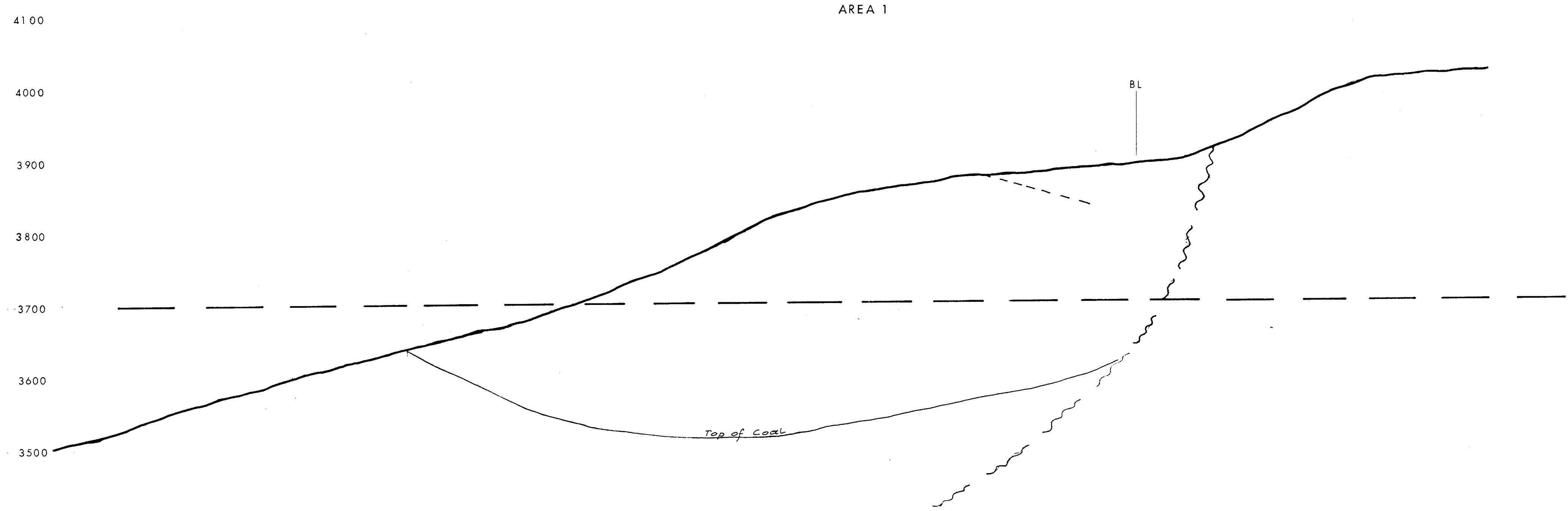
PR - SUKUNKA RIVER 75(2)A

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
DETAILED X-SECTION 10+00

Dwn by	Scale: 1" = 100'	Job No.:
Chkd by: <i>[Signature]</i> CET	Date: DEC 175	Dwg. No.:





674

PR-SUKUNKA RIVER 75(2)A.

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
 DETAILED X-SECTION 20+00

Dwn by	Scale 1" = 100'	Job No
Chkd by <i>[Signature]</i> C.E.T.	Date DEC / 75	Dwg. No



AREA 1

BL

4000

3900

3800

3700

3600

75-18

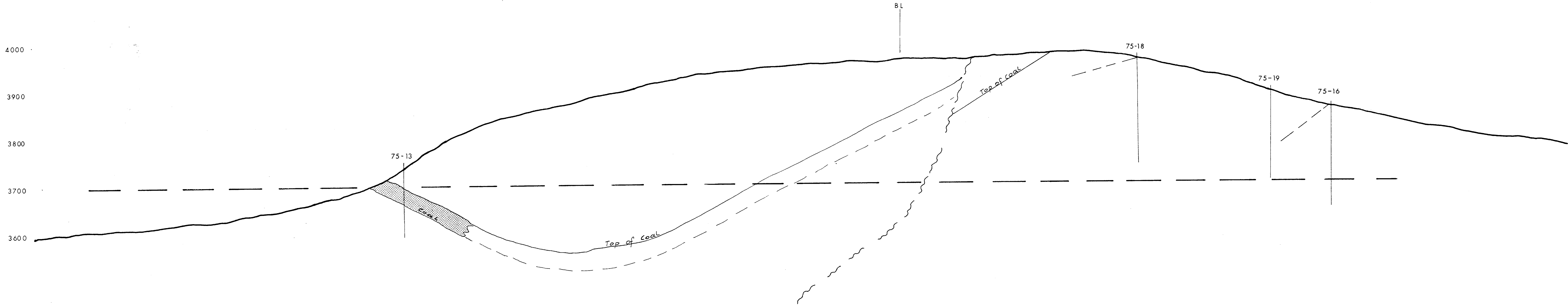
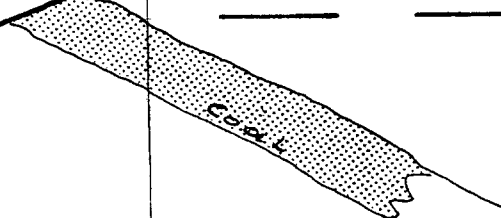
75-19

75-16

75-13

Top of Coal

Top of Coal



674

PR - SUKUNKA RIVER 75(2)A.

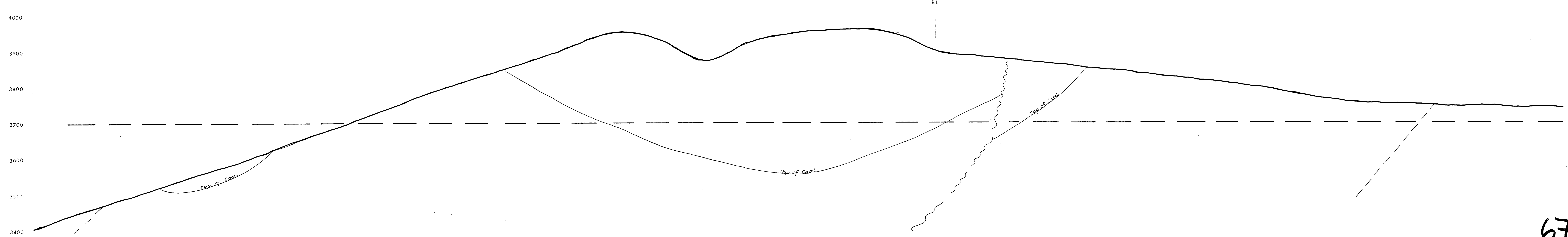
**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
DETAILED X-SECTION 30+00

Dwn by	Scale 1"=1.00'	Job No
Chk'd by <i>[Signature]</i>	Date DEC/75	Dwg No.



AREA 1



674

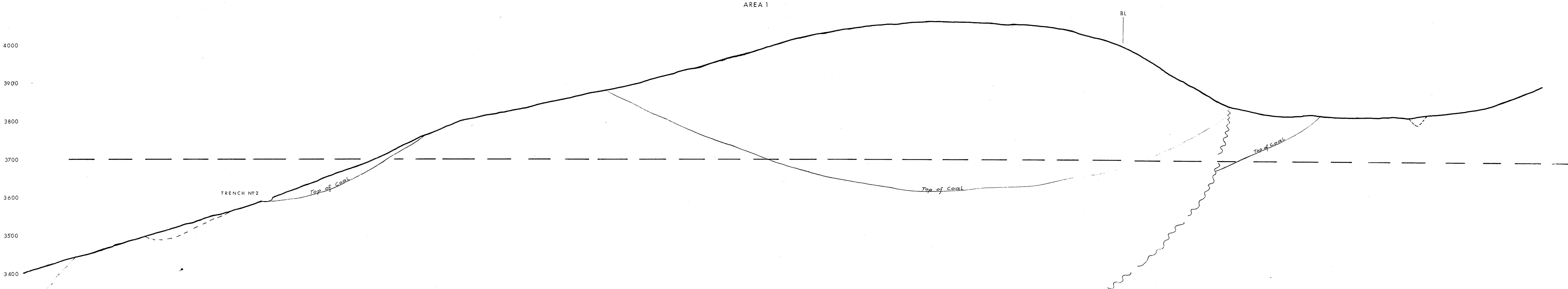
PR- SUKUNKA RIVER 75(2)A

**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
DETAILED X-SECTION 40+00

Drawn by	Scale	Job No.
Checked by	1" = 100'	
Date	DEC / 75	Dwg. No.





674

PR - SUKUNKA RIVER 75(2)A

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER AREA DETAILED X-SECTION 50+00		
Drawn by	Scale 1" = 100'	Job No.
Checked by <i>P. H. C. E. T.</i>	Date DEC 175	Dwg. No.



4100

4000

3900

3800

3700

3600

3500

AREA 1

BL

TRENCH NO 7

Top of Coal

Top of Coal

Top of Coal

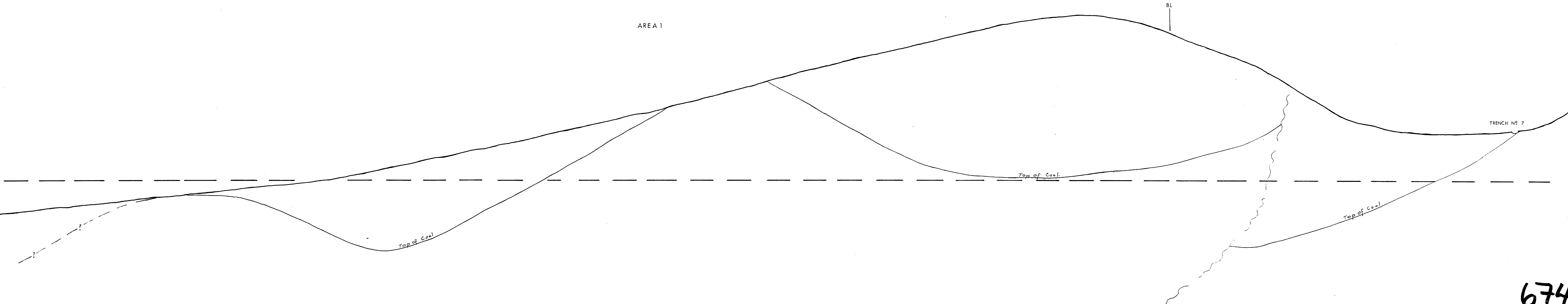
674

PR - SUKUNKA RIVER 75(2)A

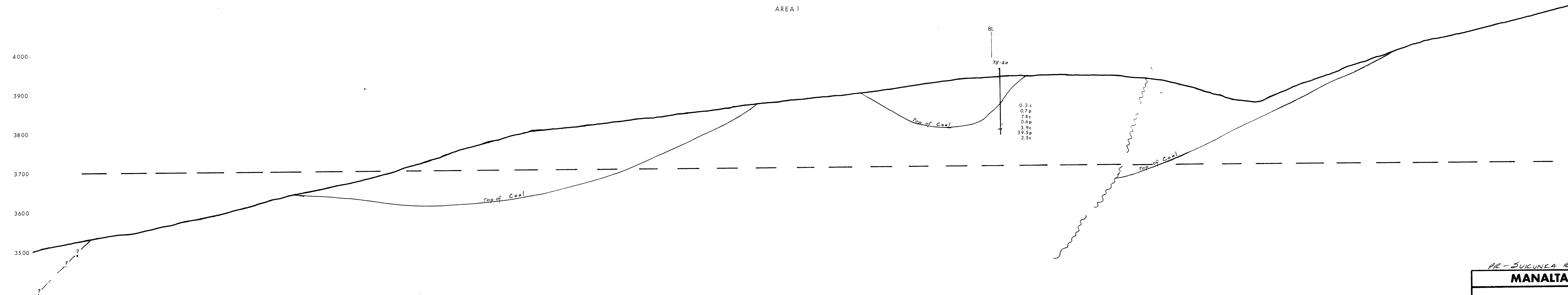
**MANALTA COAL LTD.**

SUKUNKA RIVER AREA  
DETAILED X-SECTION 60+00

Dwn by	Scale: 1" = 100'	Job No.
Chkd by: <i>[Signature]</i>	Date: DEC 1 75	Dwg No.







674

PR-SUKUNKA RIVER 75(2)A

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER AREA DETAILED X-SECTION 70+00		
Dwn by	Scale 1"=100'	Job No.
Chk'd by <i>[Signature]</i>	Date DEC/75	Dwg. No.

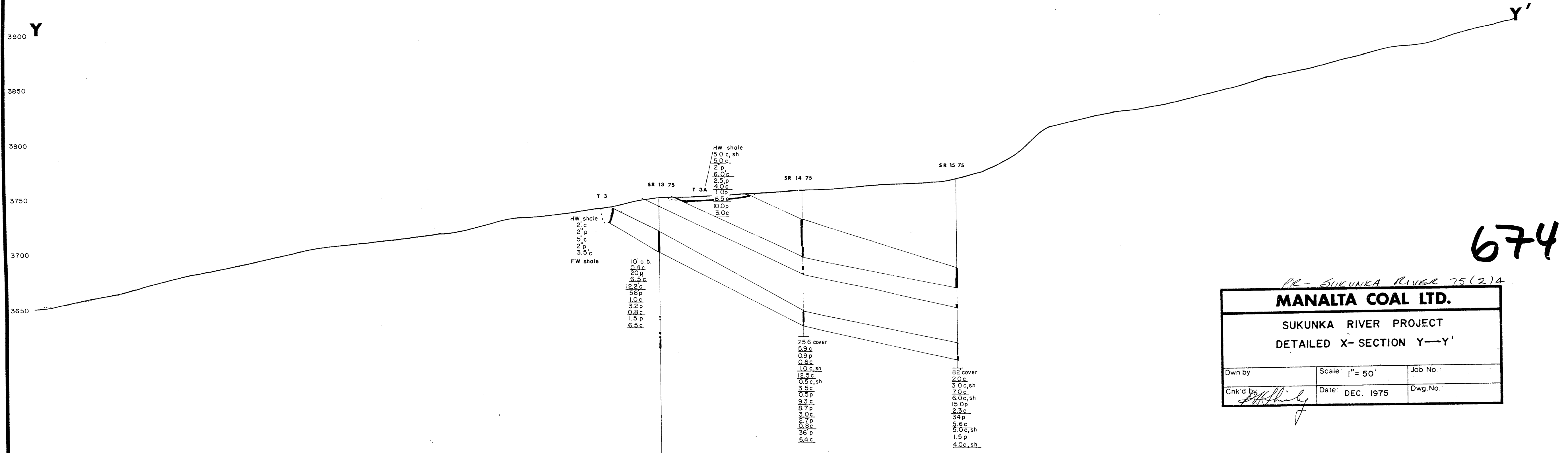


APPENDIX V

Detailed Cross-Sections for Area I Coal Reserve at 1" = 50'

674





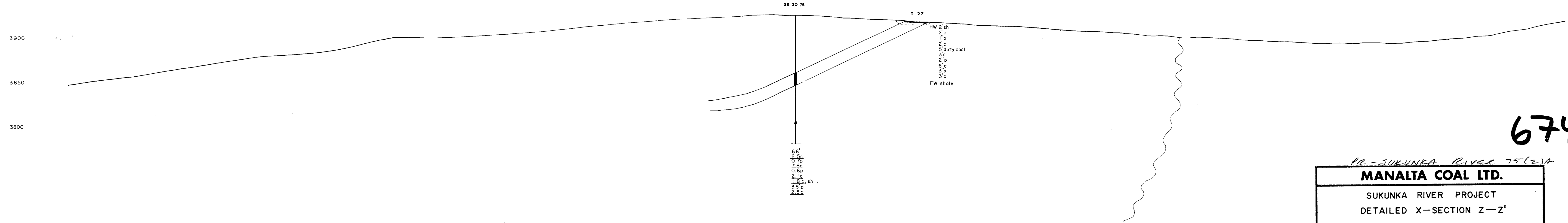
*PR - SUKUNKA RIVER 75(2)A*

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER PROJECT		
DETAILED X-SECTION Y—Y'		
Dwn by:	Scale: 1" = 50'	Job No.:
Chk'd by: <i>[Signature]</i>	Date: DEC. 1975	Dwg. No.:



Z

Z'



SR 20 75

T 27

3900

3850

3800

66'  
 2.5c  
 0.7p  
 7.8c  
 0.6p  
 2.1c  
 1.8c, sh  
 3.8p  
 2.5c

HW 2' sh  
 2' c  
 1' p  
 2' c  
 5' dirty coal  
 3' c  
 2' p  
 6' c  
 3' p  
 3' c  
 FW shale

674

PR-SUKUNKA RIVER 75(2)A

<b>MANALTA COAL LTD.</b>		
SUKUNKA RIVER PROJECT		
DETAILED X-SECTION Z-Z'		
Dwn by	Scale 1" = 50'	Job No.
<i>[Signature]</i>	Date DEC. 1975	Dwg. No.



APPENDIX VI

Graphic representation of 30 Trenches

674



LEGEND

TO ACCOMPANY TRENCH REPORTS



COAL



SHALE



SANDSTONE



MUDSTONE



ALLUVIUM

NOTE: Seam thicknesses shown  
are stratigraphic.

674



SUKUNKA PROJECT TRENCH REPORT

T-1-75

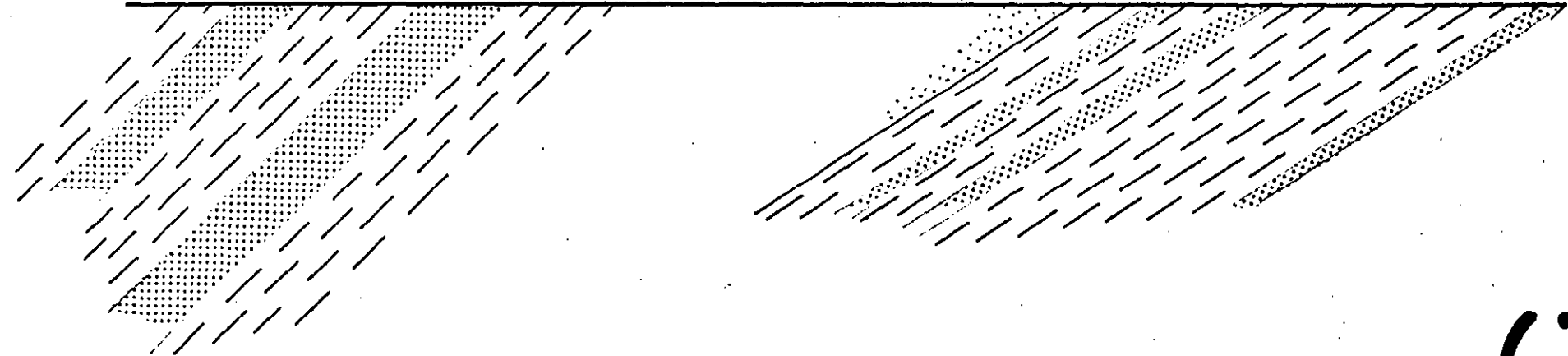
STRIKE 330

LOCATION: D 43B 93P5

DIP 43 SW

TRENCH BEARING 320

LENGTH 175



674

not drawn to scale  
R2-SUKUNKA R. 75(2)A



SUKUNKA PROJECT TRENCH REPORT

T- 2-75

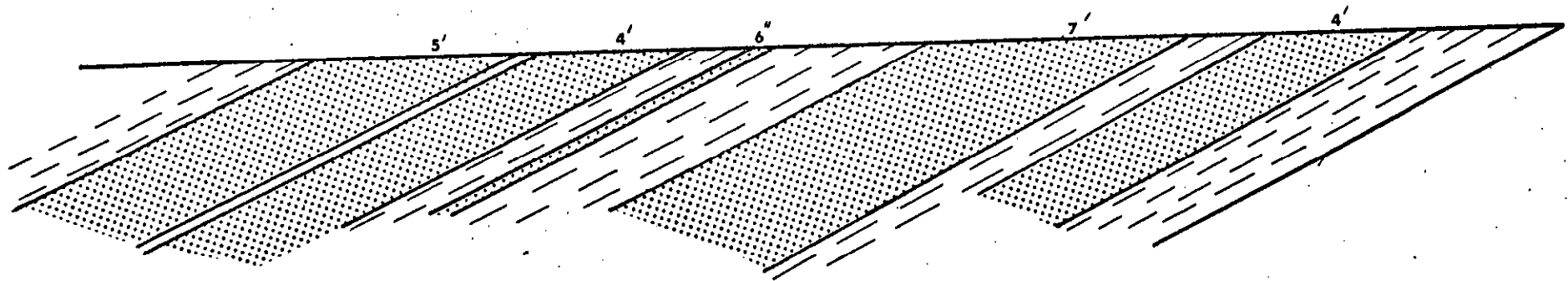
STRIKE 296

DIP 26 SW

TRENCH BEARING 300

LENGTH 32

LOCATION: D32B 93P5



674

not drawn to scale

PR-SUKUNKA RIVER 75(2)A



SUKUNKA PROJECT TRENCH REPORT

T-3-75

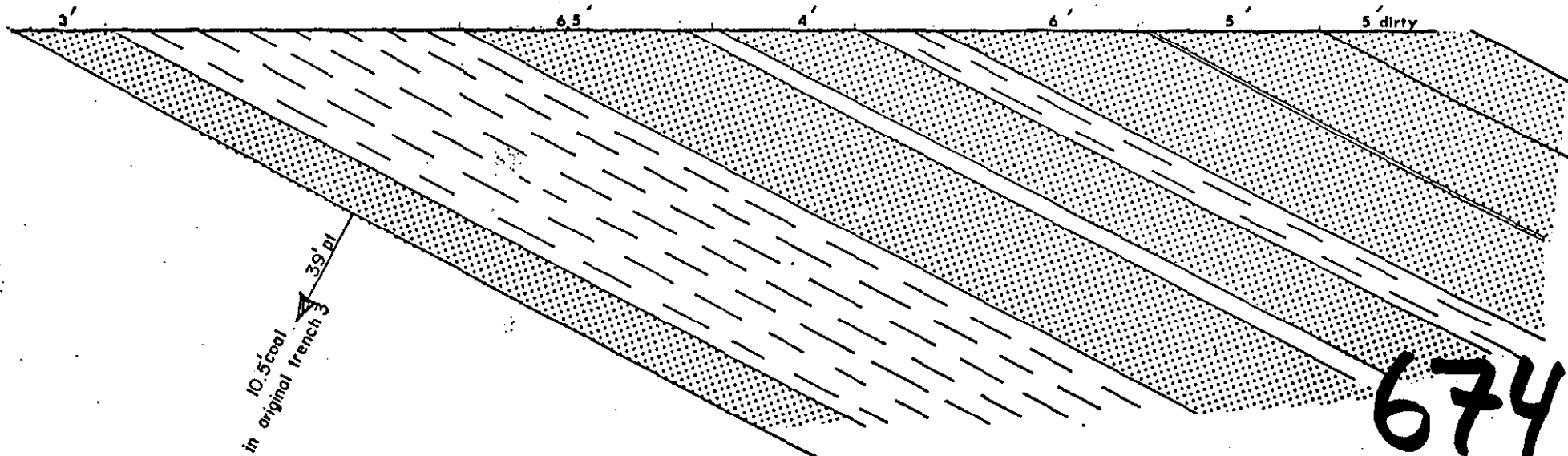
STRIKE 301

LOCATION: D42 B 93P5

DIP 27NE

TRENCH BEARING 320

LENGTH 160'



674

not drawn to scale  
P2-SUKUNKA P. 75(-2)A



SUKUNKA PROJECT TRENCH REPORT

T-4-75

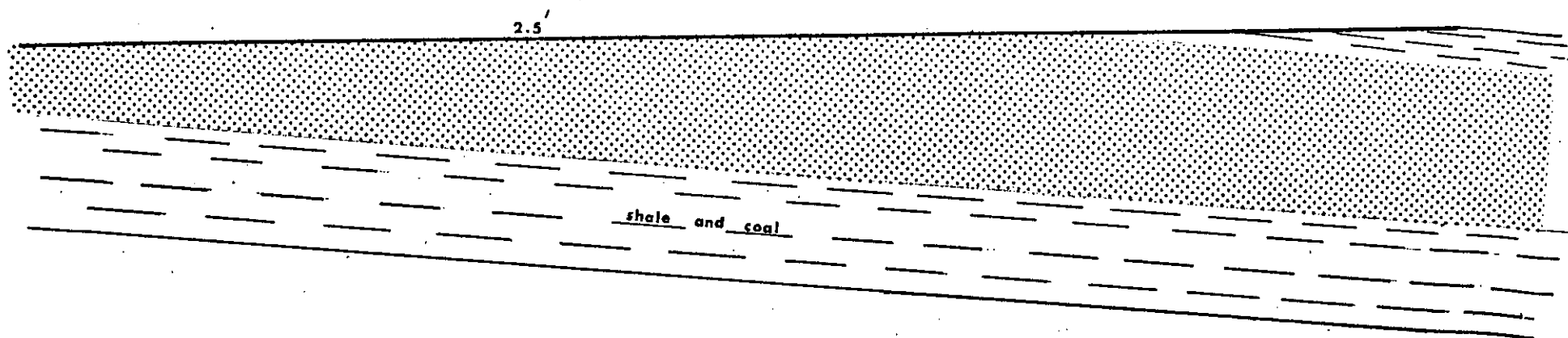
STRIKE 255

LOCATION: D32B 93P5

DIP 5 NE

TRENCH BEARING 360

LENGTH 6



674

not drawn to scale  
PR-SUKUNKA R. 75(e)A

SUKUNKA PROJECT TRENCH REPORT

T-5-75

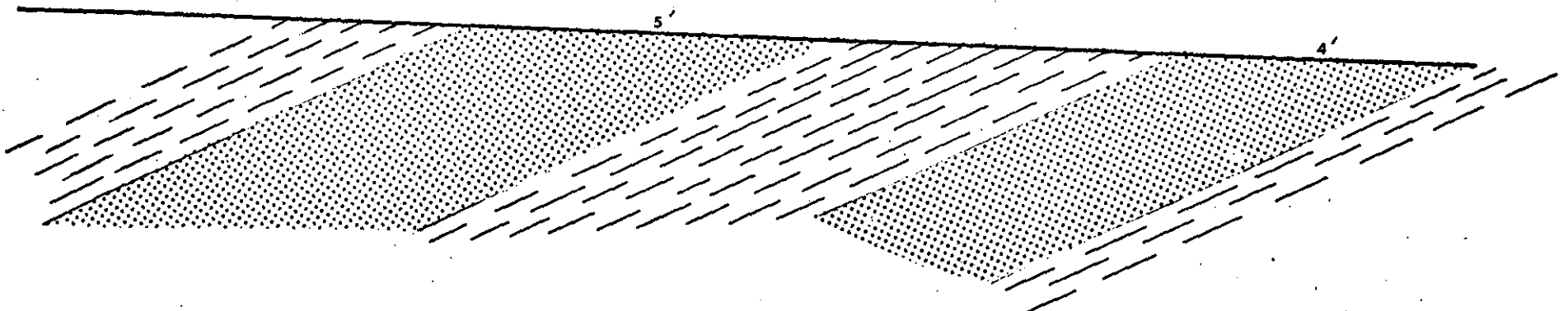
STRIKE 312

DIP 26SW

TRENCH BEARING 310

LENGTH 8'

LOCATION: C40A 93P5



674

not drawn to scale  
PR-SUKUNKA R. 75(2)A.



SUKUNKA PROJECT TRENCH REPORT

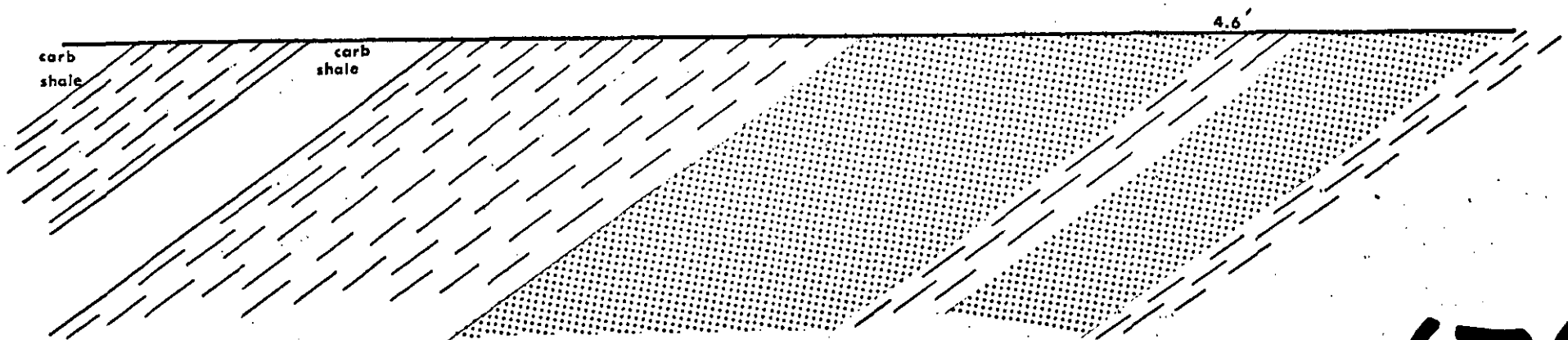
T-6-75

STRIKE 304

LOCATION: C 40 A 93P5

DIP 35 SW

TRENCH BEARING 305  
LENGTH 7



674

PR-SUKUNKA 75(2)A  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-7-75

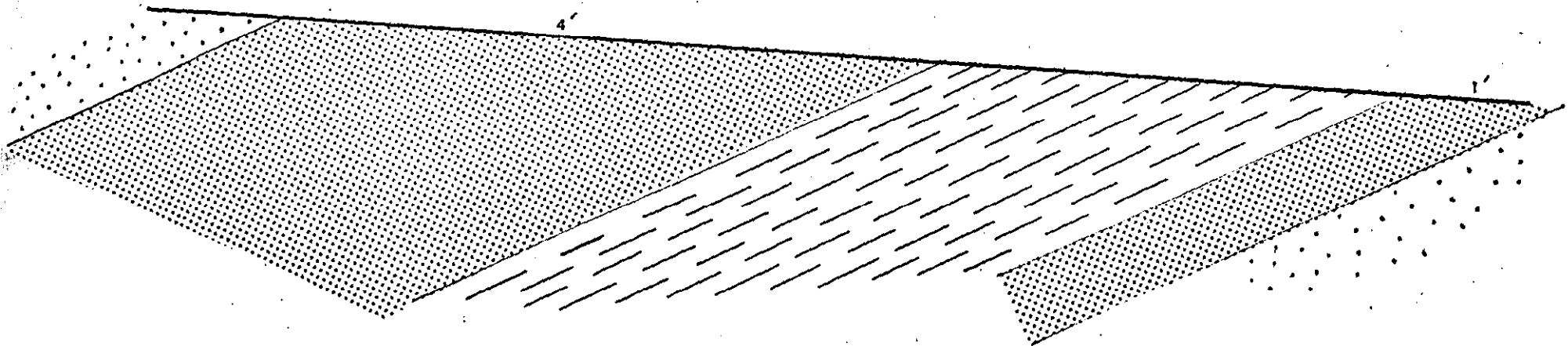
STRIKE 314

DIP 28 SW

TRENCH BEARING 310

LENGTH 12

LOCATION: A 41B 93P5



674

PR-SUKUNKA 75(2)A  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T- 8-75

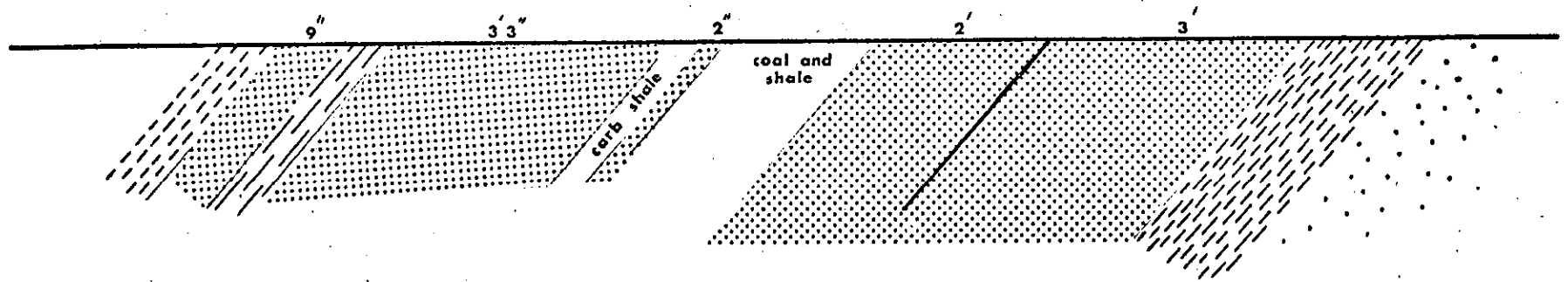
STRIKE 310

LOCATION: C 39A 93P5

DIP 47SW

TRENCH BEARING 220

LENGTH 30



674

PR-SUKUNKA R. 75(2)A.  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-9-75

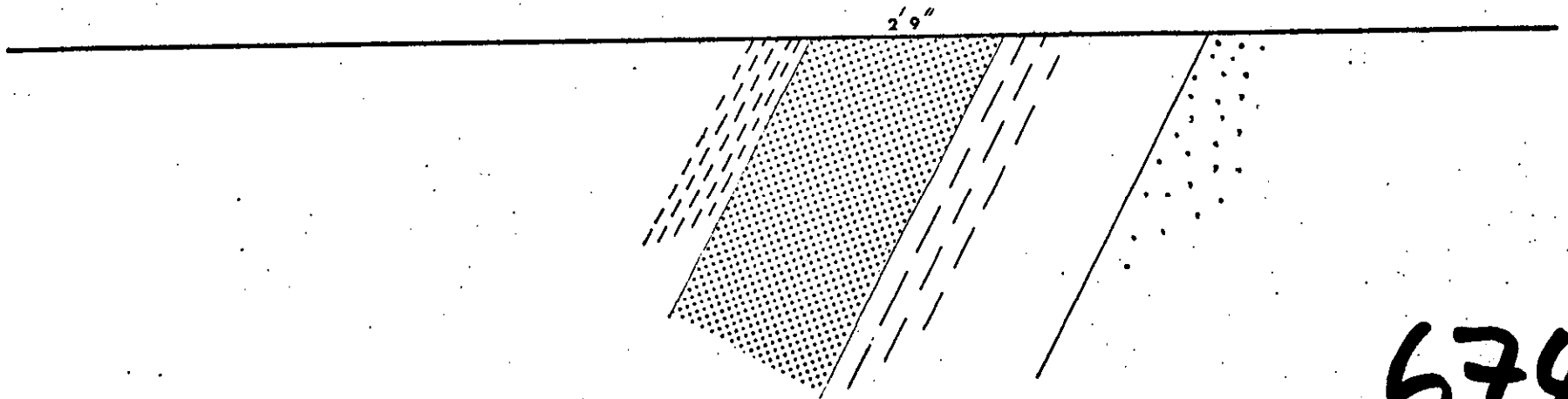
STRIKE 308

DIP 62SW

TRENCH BEARING 220

LENGTH 6

LOCATION: A 38A 93P5



674

PR-SUKUNKA-75(2)A  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

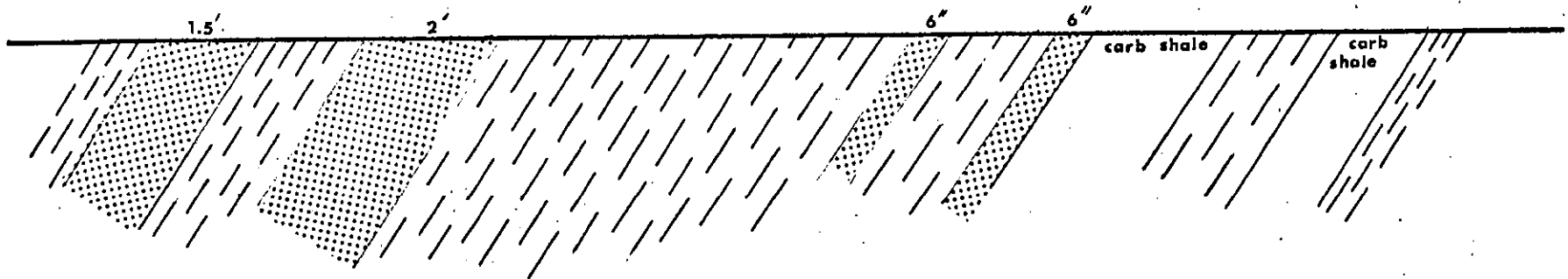
T-10 -75

STRIKE 313

LOCATION: C28A 93P5

DIP 56 SW

TRENCH BEARING 295  
LENGTH 21



674

PR - SUKUNKA 75(2)A

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-11-75

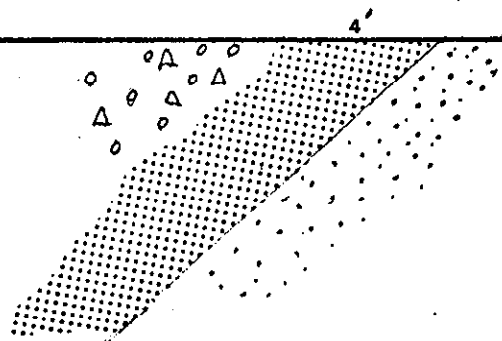
STRIKE 296

LOCATION: C 18A 93P5

DIP 41 SW

TRENCH BEARING 318

LENGTH 20



674

PR-SUKUNKA 75 (2)A  
RIVER  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-12-75

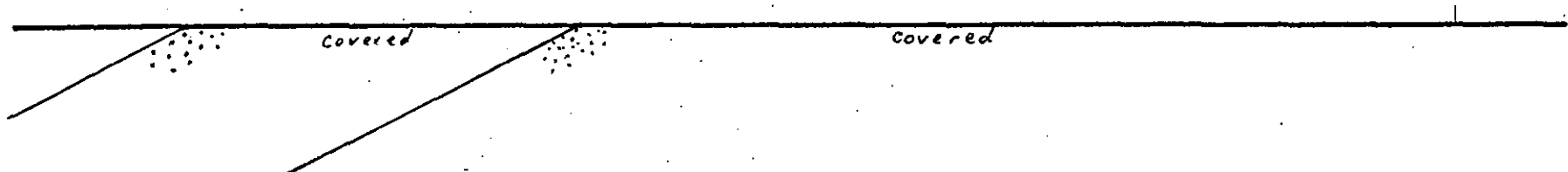
STRIKE 304

LOCATION: B17A 93P5

DIP 25 SW

TRENCH BEARING 360

LENGTH 1450



674

PR-SUKUNKA RIVER 75(2)A  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-13-75

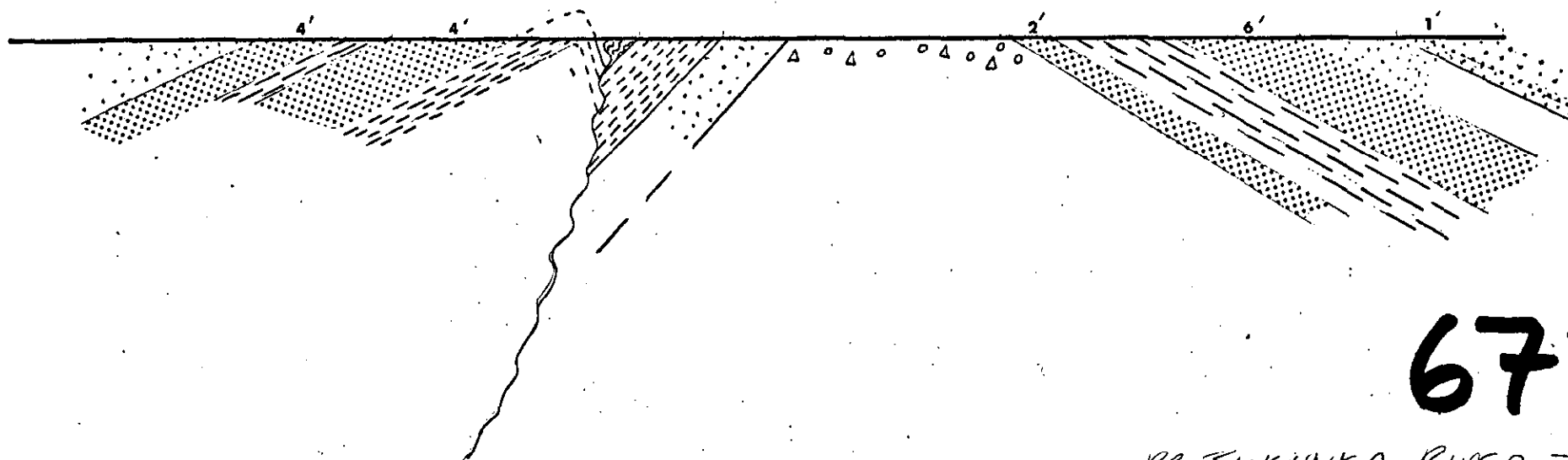
STRIKE 310

LOCATION: D 1B 93P5

DIP 25SW

TRENCH BEARING 210

LENGTH 150



PR SUKUNKA RIVER 75(2)  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-14-75

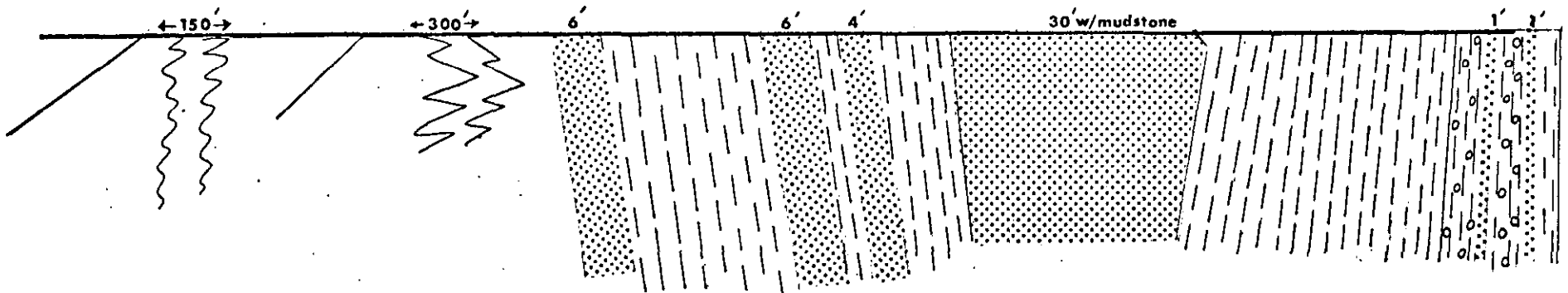
STRIKE 314

LOCATION: D 51B 93P5

DIP 89 SW

TRENCH BEARING 235

LENGTH 645



674

PR- SUKUNKA 75(2)A  
RIVER  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-15 -75

STRIKE  
DIP NO O.C.  
TRENCH BEARING 360  
LENGTH 275

LOCATION: A 43B 93P5

674

PR - SUKUNKA 75(2)A  
RIVER  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-16-75

STRIKE 310

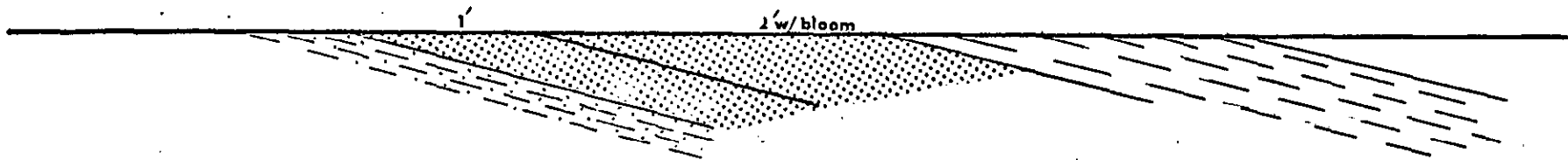
LOCATION: B 53 B 93P5

DIP 14 SW

TRENCH BEARING 310

LENGTH 10

Looking S.E. This section



674

PR - SUKUNKA 75(2)A  
RIVER  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-17.-75

STRIKE

DIP NO O.C.

TRENCH BEARING 233

LENGTH 280

LOCATION: C 8A 93P5

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674

PR-SUKUNKA 75 (2) A.  
RIVER  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-18-75

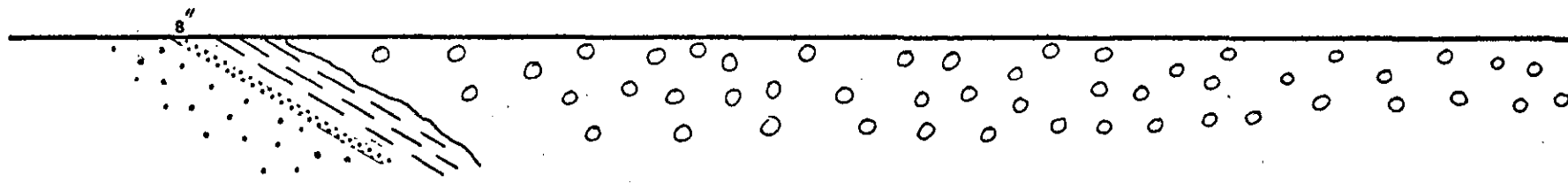
STRIKE 310

LOCATION: D 28A 93P5

DIP 30NE

TRENCH BEARING 350

LENGTH 375



674

PR-SUKUNKA RIVER 75(2)A

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-19-75

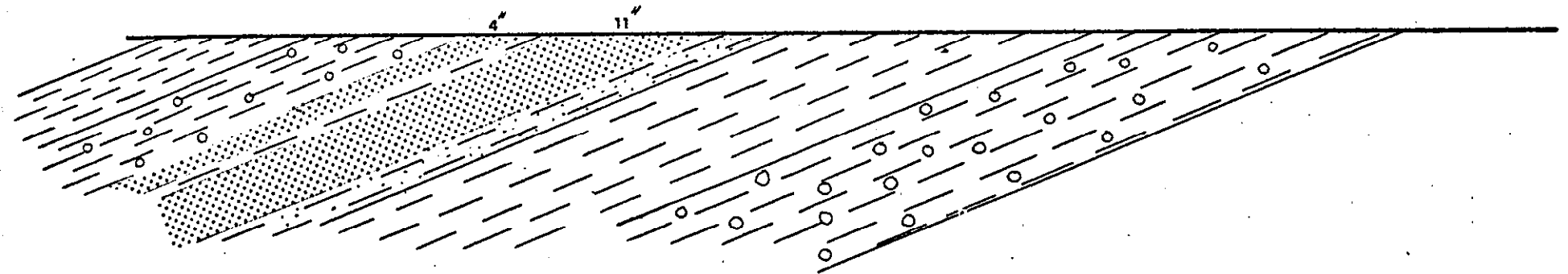
STRIKE 300

LOCATION: D32B 93P5

DIP 21 SW

TRENCH BEARING 315

LENGTH 8



674

PR-SUKUNKA 75(1)A

not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-20-75

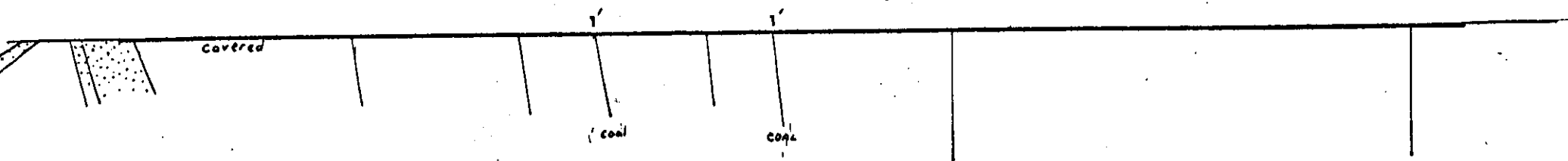
STRIKE 315

LOCATION: D 40A 93P5

DIP 87 NE

TRENCH BEARING 311

LENGTH 1070



674

PR-SUKUNKA 75(2)A

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-21-75

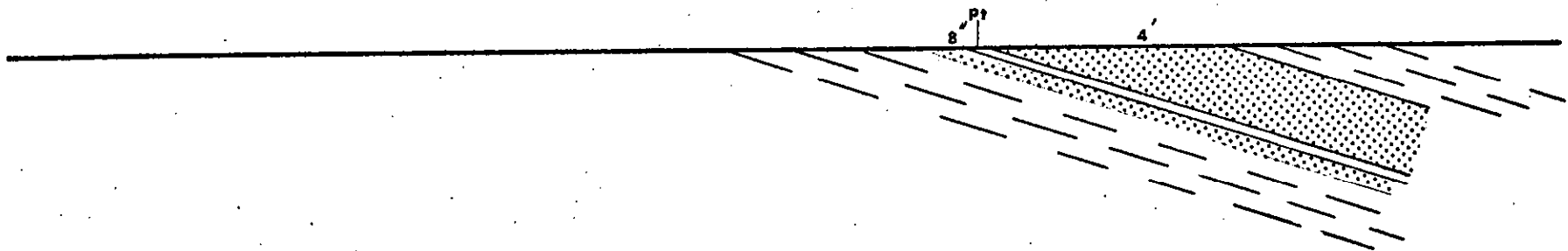
STRIKE 295

DIP 17NE

TRENCH BEARING 035

LENGTH 17

LOCATION: D 52B 93P5



674

PR - SUKUNKA RIVER 75(2)A

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-22-75

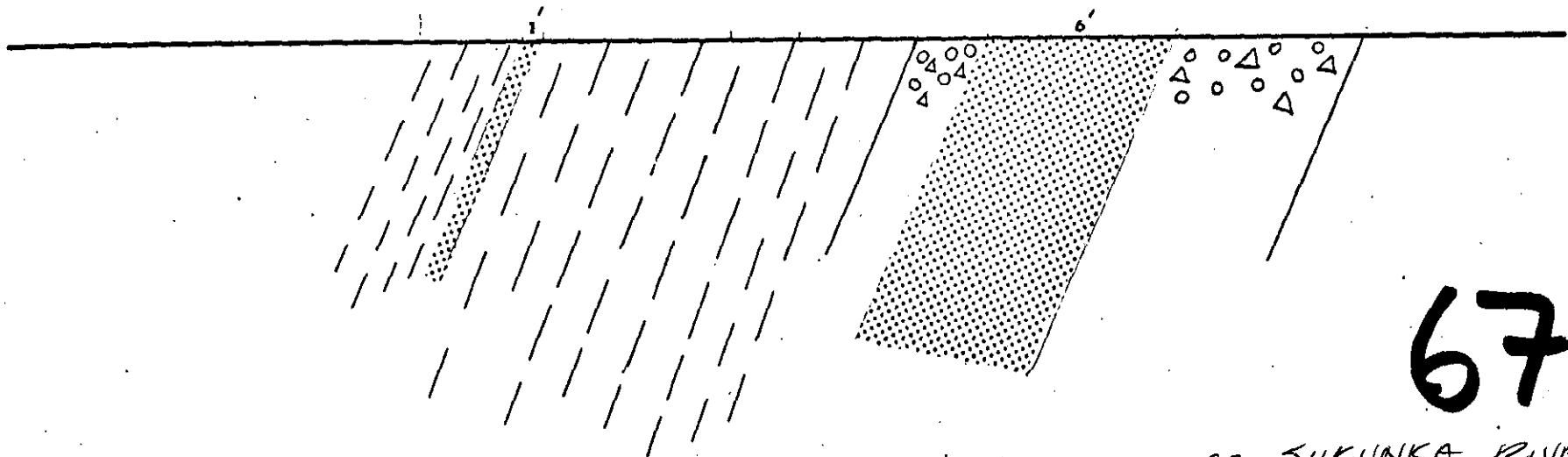
STRIKE 310

LOCATION: B52 B 93P5

DIP 65SW

TRENCH BEARING 027

LENGTH 35



674

PR- SUKUNKA RIVER 75(2)A

not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-23-75

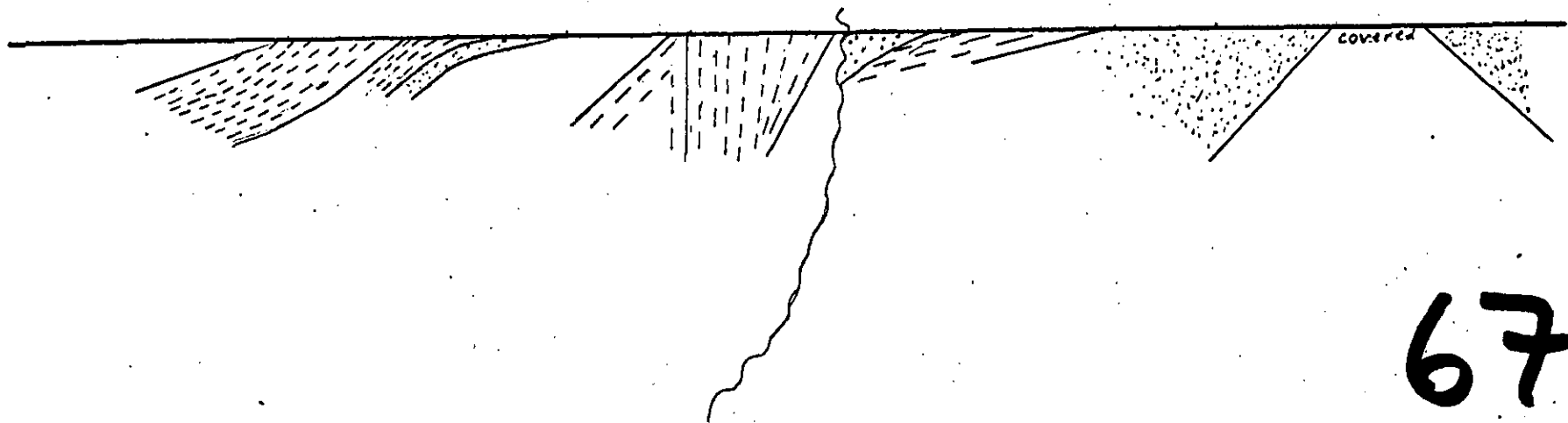
STRIKE 115

DIP 20SW

TRENCH BEARING 040

LENGTH 355

LOCATION: A12B 93P5



674

PR-SUKUNKA RIVER 75(2)A-1

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-24-75

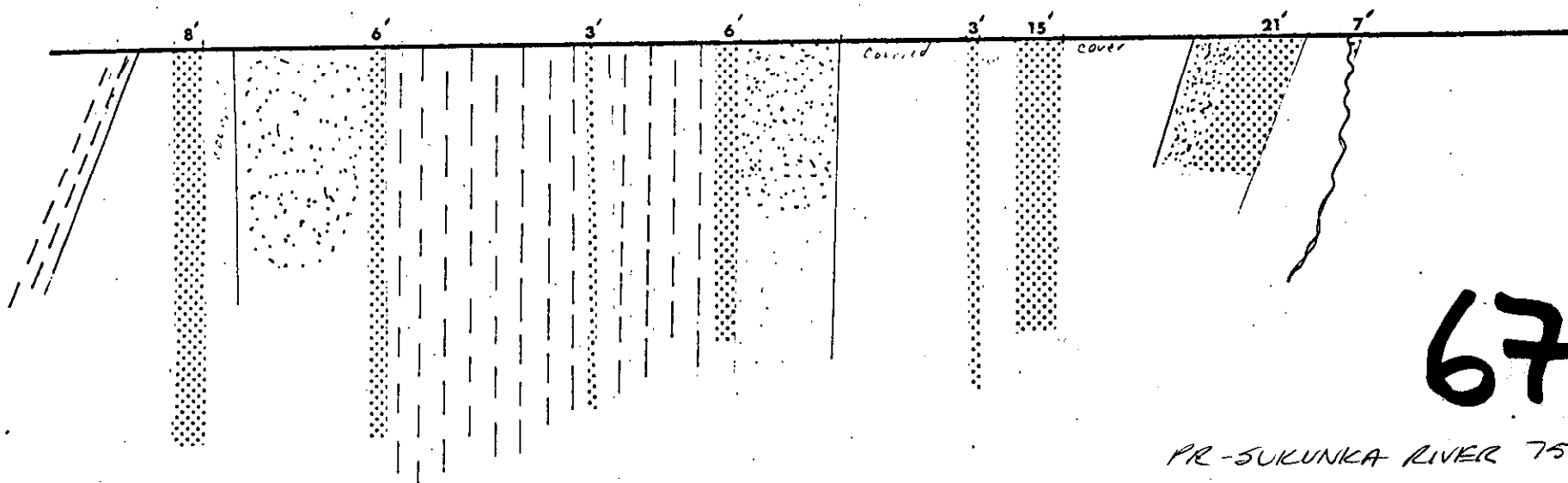
STRIKE 306

LOCATION: B 61 B 93P5

DIP 67 SW

TRENCH BEARING 270

LENGTH 365



674

PR-SUKUNKA RIVER 75(2)A.

not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-25-75

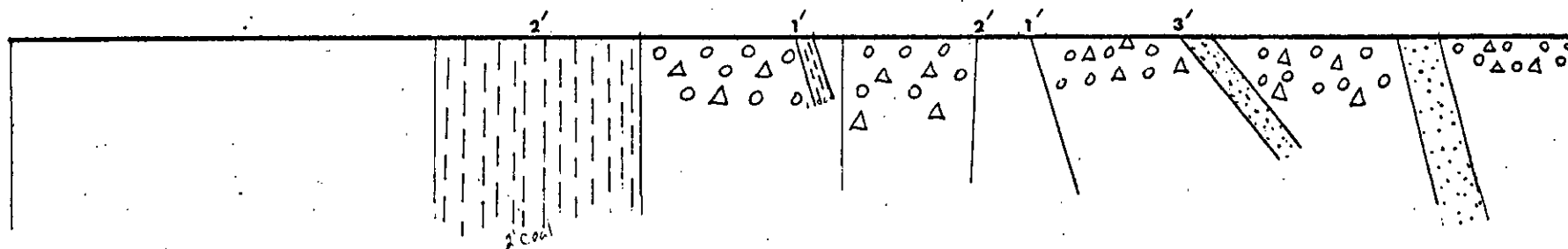
STRIKE 132

LOCATION: B,C 61B 93P5

DIP 70 NE

TRENCH BEARING 330

LENGTH 3435



674

PR-SUKUNKA RIVER 75(2)A.

not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-26-75

STRIKE  
DIP

NO O.C.

TRENCH BEARING 045  
LENGTH 1400

LOCATION: A 65 B 93 P5

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674

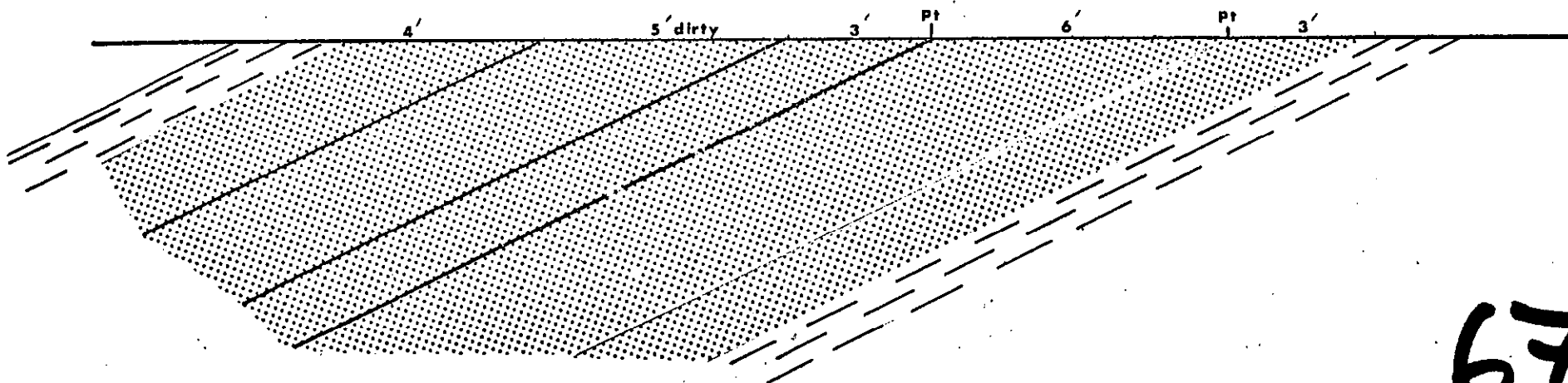
PR - SUKUNKA RIVER 75(2)A  
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-27-75

STRIKE 305  
DIP 25 SW  
TRENCH BEARING 005  
LENGTH 60

LOCATION: C 40A 93 P5



674

PR - SUKUNKA RIVER 75(2)A

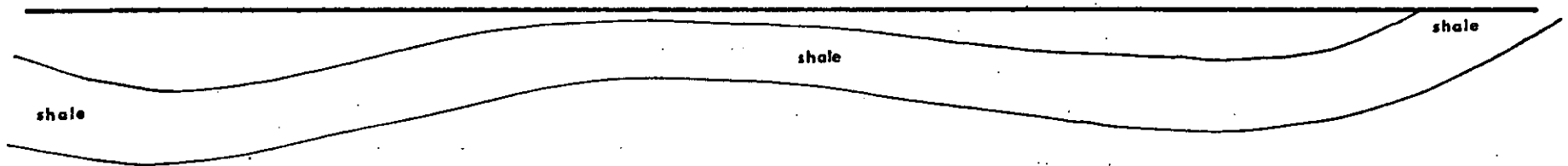
not drawn to scale

SUKUNKA PROJECT TRENCH REPORT

T-28-75

STRIKE  
DIP NEARLY FLAT  
SLIGHTLY SW  
TRENCH BEARING 310  
LENGTH 150

LOCATION: D31B 93P5



674

PR-SUKUNKA RIVER 75(2)A

not drawn to 1/8

SUKUNKA PROJECT TRENCH REPORT

T-29-75

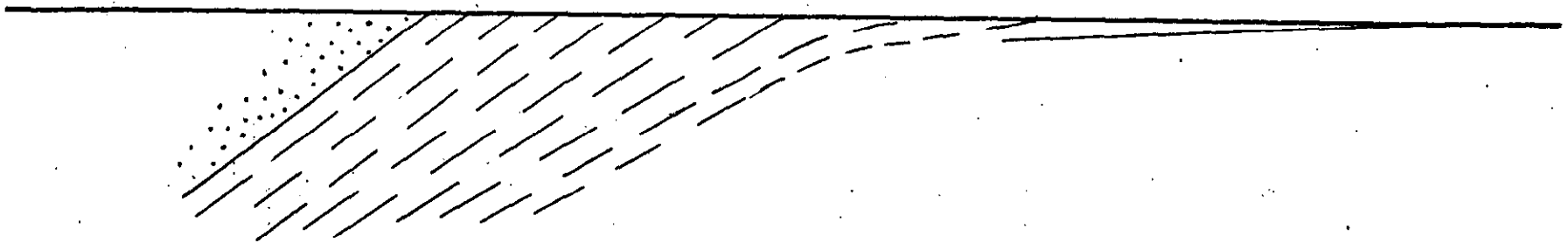
STRIKE 305

DIP 36SW

TRENCH BEARING 347

LENGTH 400

LOCATION: B31B 93P5



674

PR-SUKUNKA RIVER 75(2)A.  
not drawn to scale



SUKUNKA PROJECT TRENCH REPORT

T-30-75

STRIKE 310

LOCATION: D32B 93P5

DIP INDETERMINATE

TRENCH BEARING 310

LENGTH 145

---

COAL ENCOUNTERED ALONG STRIKE BUT THICKNESS UNKNOWN

90 PERCENT OF TRENCH TILLED OUT

674

PR-SUKUNKA RIVER 75(2)A.

not drawn to 1e

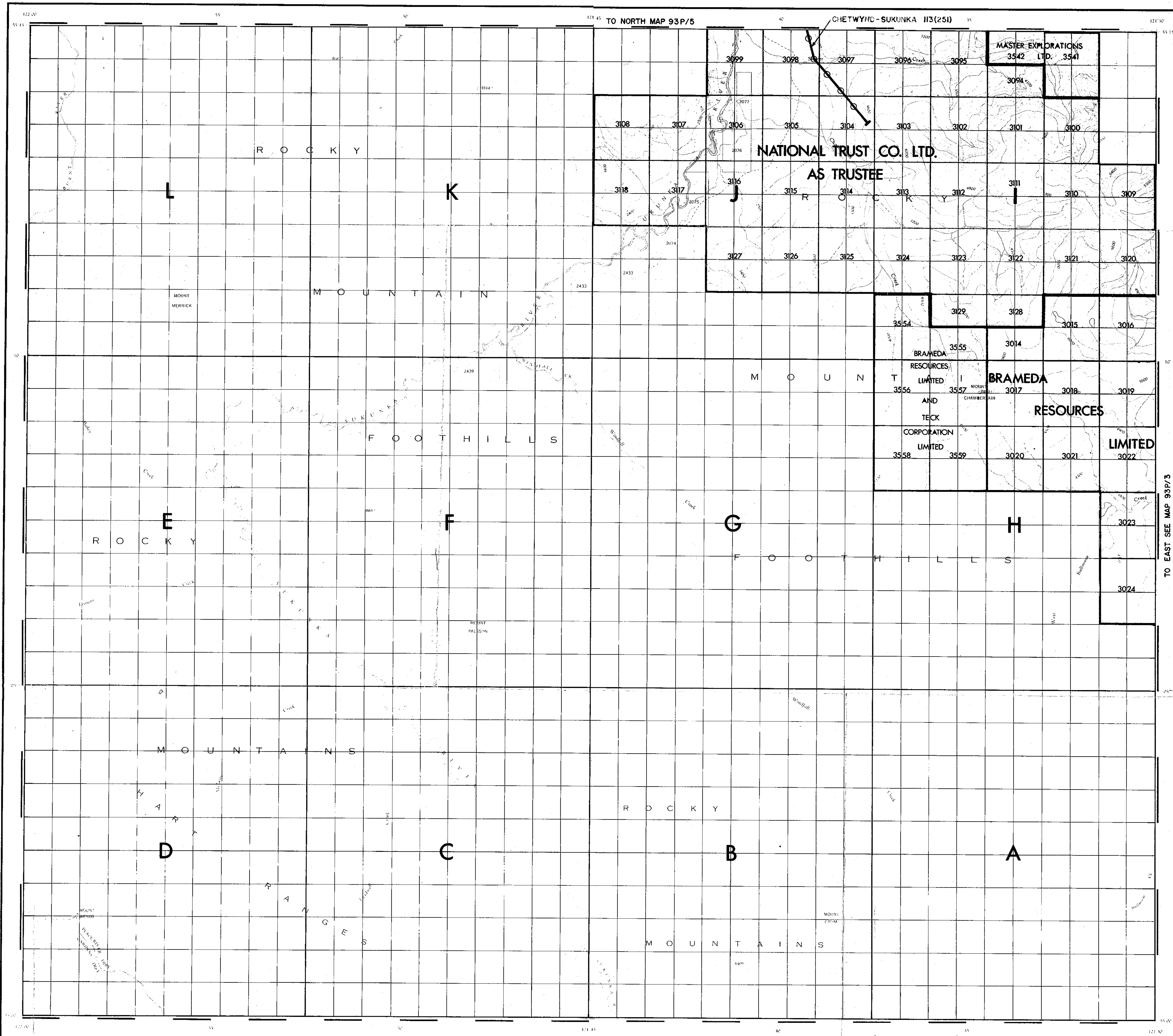
PR-SUKUNKA RIVER 75(2)A

SUKUNKA RIVER  
EXPLORATION REPORT  
1975 (MAPS)

P.H. SHIRLEY C.E.T.

DEC. 1975

Do not  
film  
contents



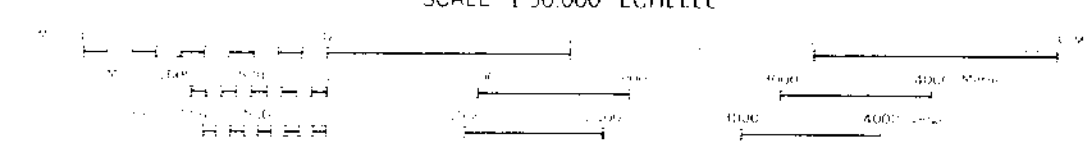
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 182.68  
 182.72  
 182.76  
 182.80  
 182.84  
 182.87  
 182.91  
 182.94  
 182.98  
 183.02  
 183.06  
 183.09  
 183.13  
 183.17  
 183.21  
 183.25  
 183.29  
 183.32  
 183.36

TO EAST SEE MAP 93P/3

SURVEY AND MAPPING BRANCH  
 BRITISH COLUMBIA DEPARTMENT OF MINES AND PETROLEUM RESOURCES

SUKUNKA RIVER

BRITISH COLUMBIA  
 SCALE 1:50,000 ÉCHELLE



- |                     |                           |                  |
|---------------------|---------------------------|------------------|
| Drill hole          | Open pit or stripped area | Seam tracing     |
| Proposed drill hole | Access road               | Exploration road |
| Shaft               | Prepared exploration road |                  |
| Adit                |                           |                  |
| Trench or open cut  |                           |                  |

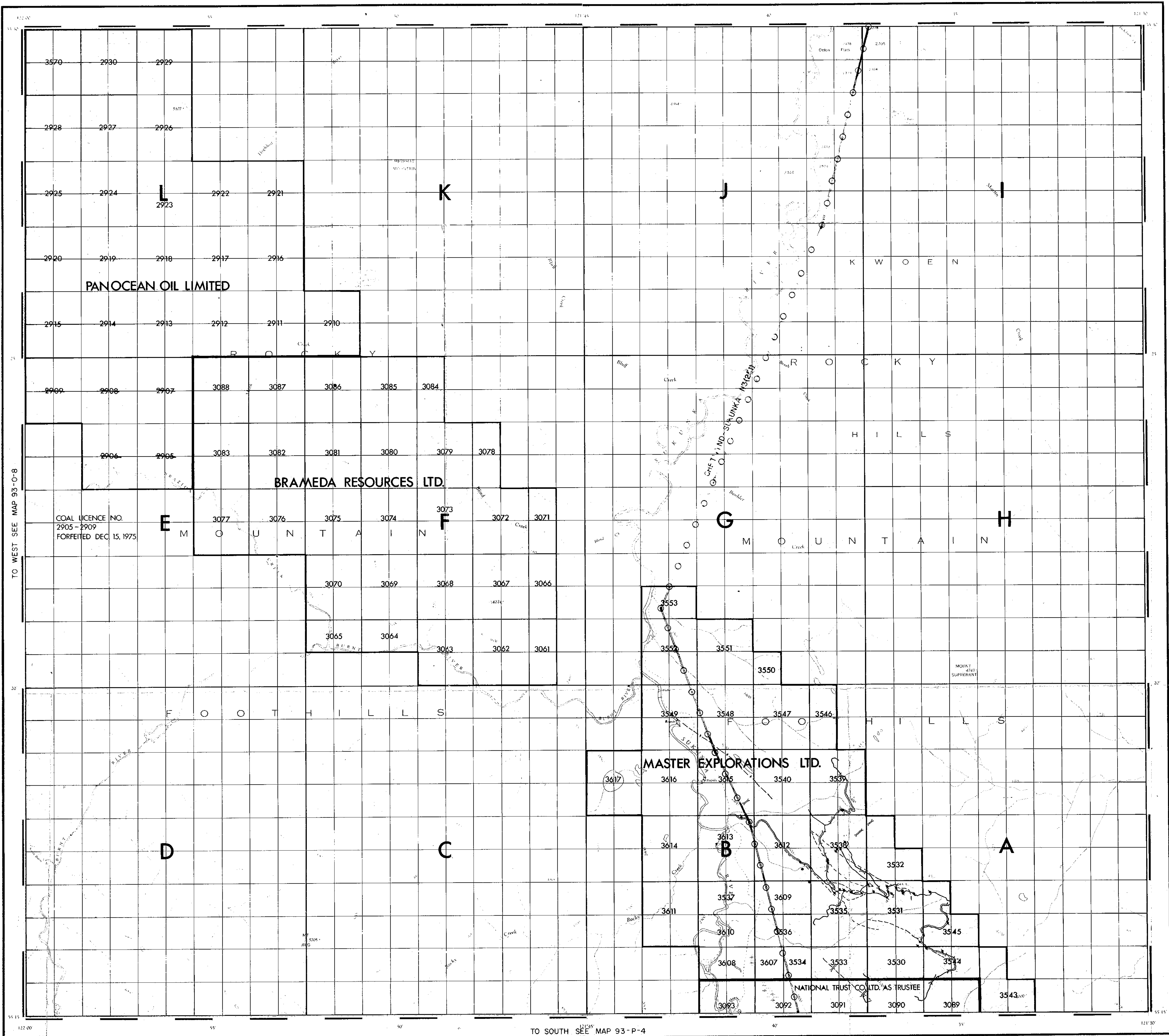
COAL TITLES REFERENCE MAP 93-P-4  
 DEPARTMENT OF MINES AND PETROLEUM RESOURCES, VICTORIA, B.C.

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PR-SUKUNKA RIVER 75(2)A

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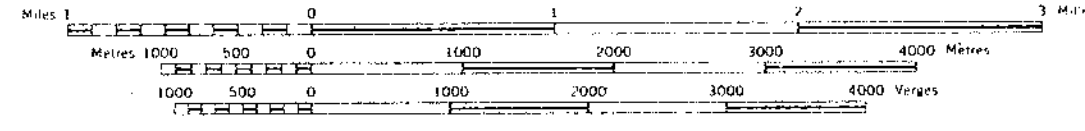
181.13  
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181.47  
181.50  
181.54  
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181.62  
181.66  
181.70  
181.73  
181.77  
181.81  
181.85  
181.89  
181.93  
181.96  
182.00  
182.04  
182.08  
182.11  
182.15  
182.19  
182.23

TO WEST SEE MAP 93-O-8

TO SOUTH SEE MAP 93-P-4

**BURNT RIVER**

PEACE RIVER DISTRICT  
BRITISH COLUMBIA  
SCALE 1:50,000 ÉCHELLE



- LEGEND**
- Drill hole
  - Proposed drill hole
  - Shaft
  - Adit
  - Trench or open cut
  - Open pit or stripped area
  - Seam tracing
  - Access road
  - Exploration road
  - Proposed exploration road

**COAL TITLES REFERENCE MAP 93-P-5**  
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