

Blue Tier:  
plans of prospecting work  
with assay values

Mt Lyell Mining and Railway  
Company Limited

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32	n/a	Blue Tier Tin Mines vicinity of Lottah

MT. LYELL MG. AND RY. COY. LTD.

# *BLUE TIER*

## *PLANS OF PROSPECTING WORK WITH ASSAY VALUES*

### REFERENCE

*Sheets 1 to 5 Sections of Diamond Drill Bores*  
*, , 6 to 16 Details of Surface Sampling*  
*, , 17 to 20 General Plan of Works*

*NOTE All Values shown represent decimals of one per cent Metallic Tin*

JUNE 1907

BLUE TIER  
GENERAL - MT LYELL'S  
TITLE PAGE

MRT 1

5 cm

Mr. Lyell Mg. & Ry. Co. Ltd Blue Tier

PLAN SHOWING SURFACE PROSPECTING VICINITY OF MOON SECTION

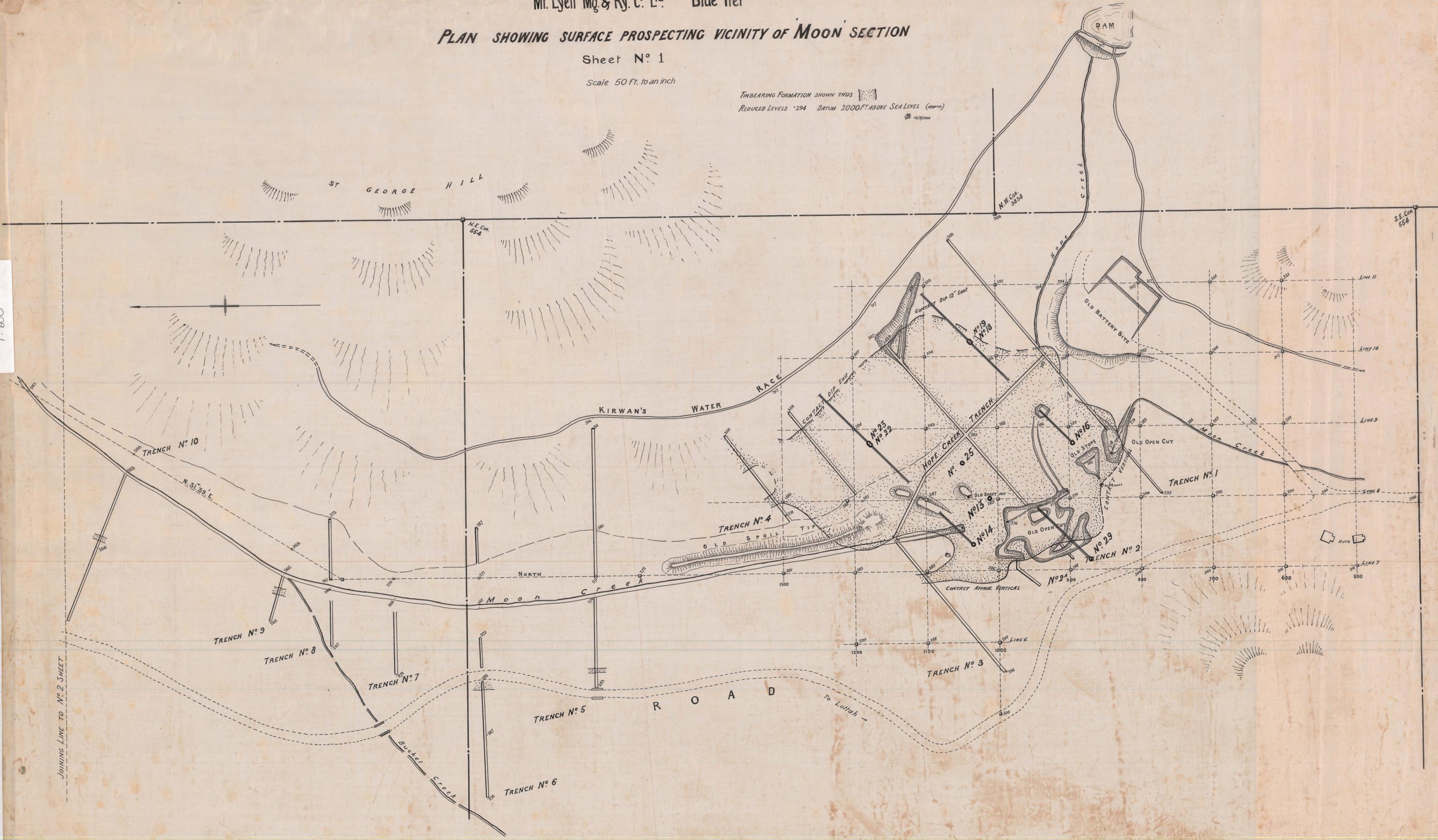
Sheet N° 1

Scale 50 ft. to an inch

TINBEARING FORMATION SHOWN THUS [Symbol]
REDUCED LEVELS \*294 DATUM 2000 FT. ABOVE SEA LEVEL (approx)

BLUE TIER
MOON - MT LYELL'S
MINE GEOLOGY +
WORKINGS
1: 600

MRT 2



JOINING LINE TO N° 2 SHEET

5 cm

S.E. Cor 554

N.E. Cor 554

N.W. Cor 3834

BLUE TIER  
M.T. LINES  
HALEYS  
LEASE  
OLD MISCELLANEOUS  
AND TRENCH  
LOCATIONS - (General)  
1:600

MRT 3

5 cm

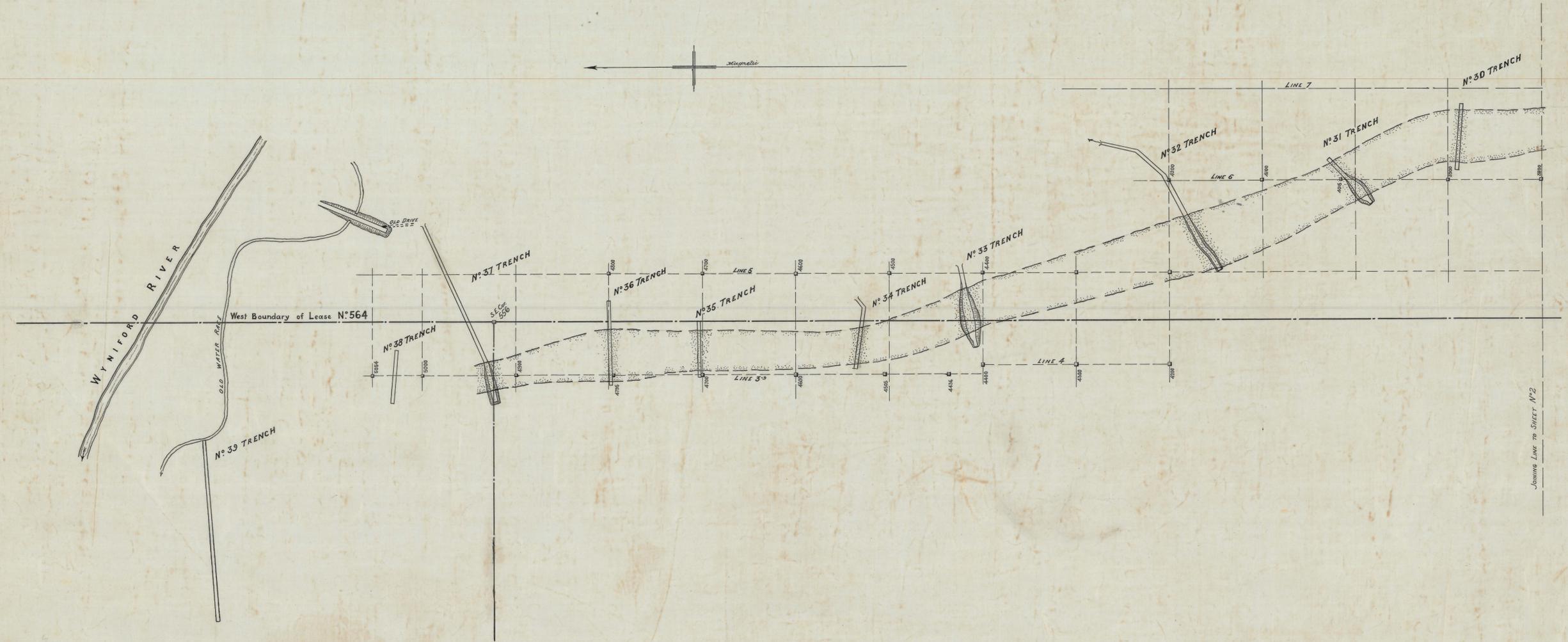
# HALEY'S LEASE

Sheet N° 3

Scale 50 ft. to an inch



TINBEARING FORMATION THUS -



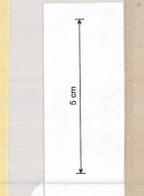
**BORES ON MOON LODGE 554<sup>m</sup>**

**N<sup>o</sup> 4 SHEET**

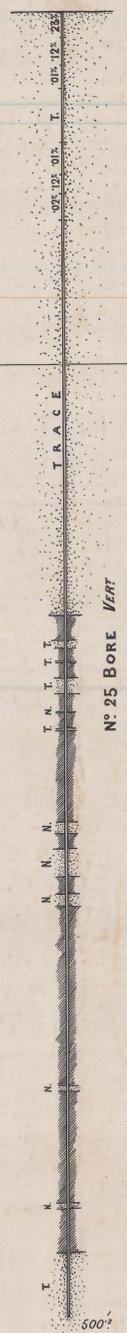
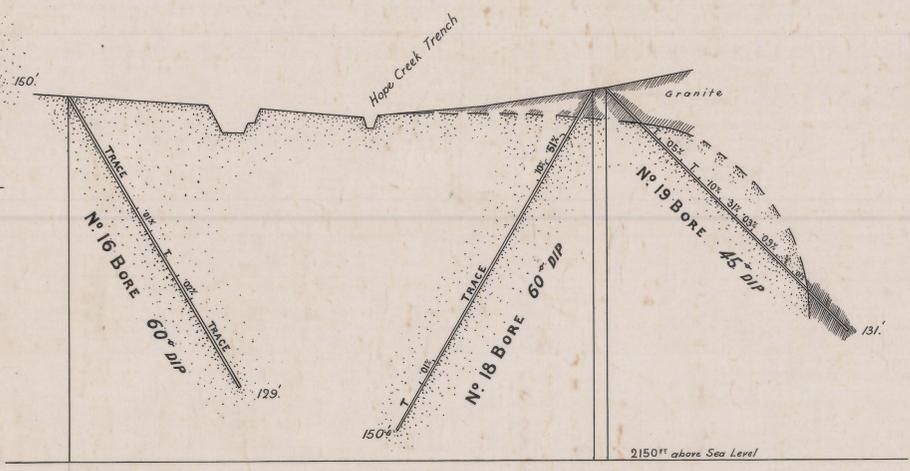
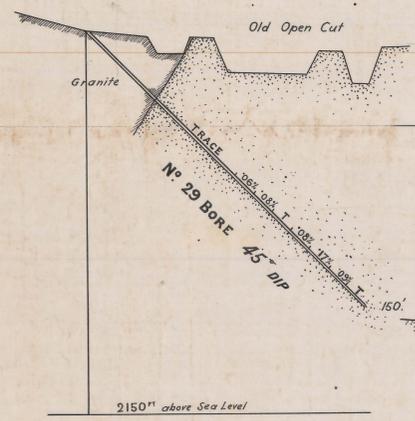
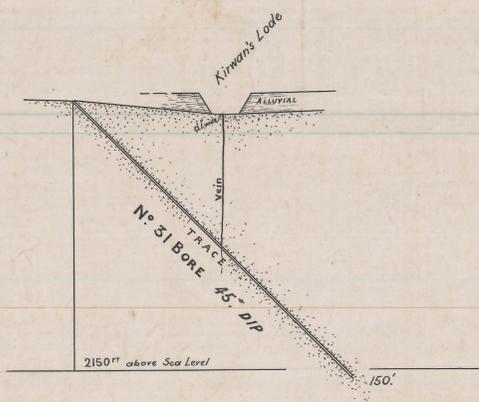
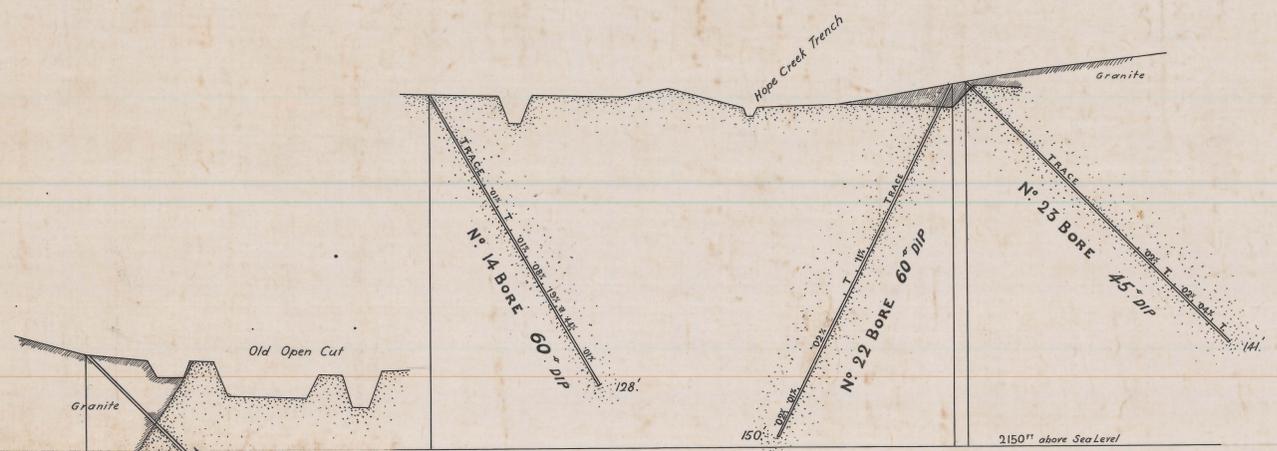
Mt. Lyell M. & R. Co. Ltd. Blue Tier  
Sections at Bores

Scale 30 ft. to an inch

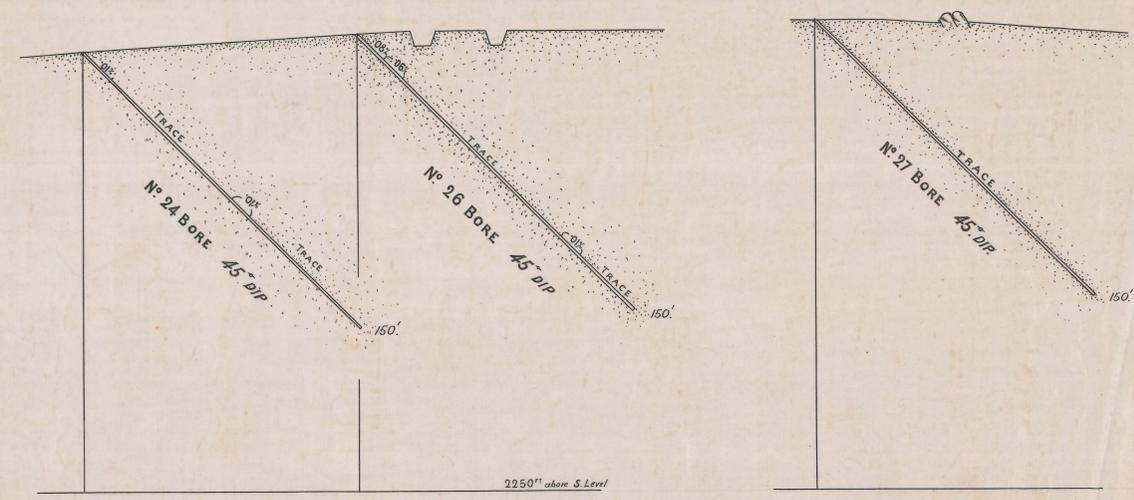
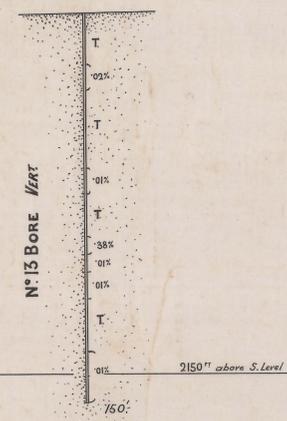
**BORE ON 1256<sup>m</sup>**



BLUE TIER  
GENERAL - MT LYELL  
DRILLING +  
CROSS SECTIONS;  
MOUNT AUSTRALIAN  
1:360



**BORES ON AUSTRALIAN LODGE S.B. 637<sup>m</sup>**



MRT 4

BORES ON AUSTRALIAN AND CRYSTAL HILL SECTIONS

Nº 5 SHEET

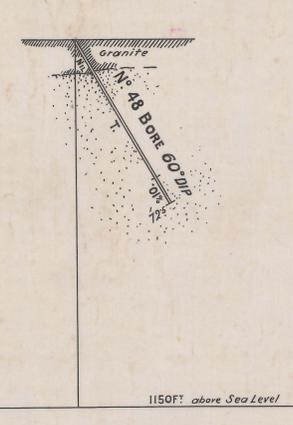
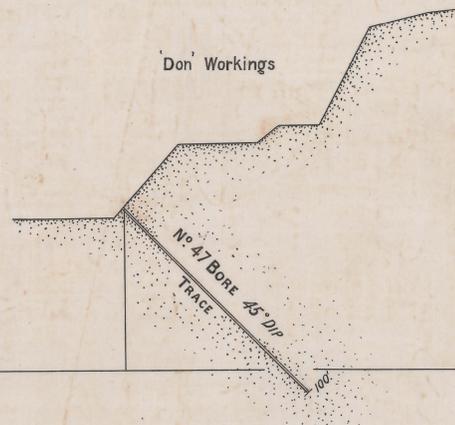
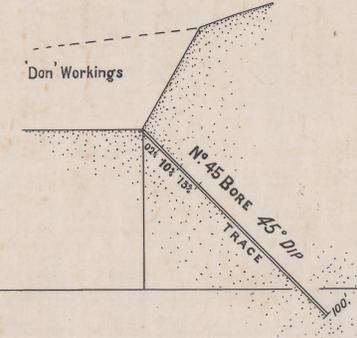
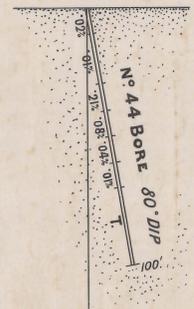
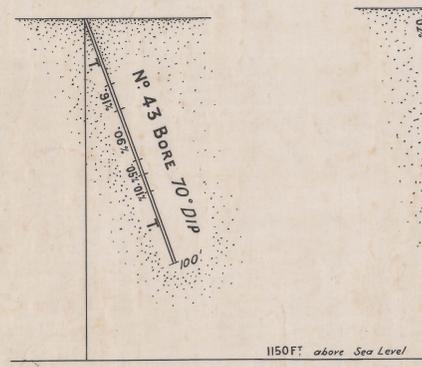
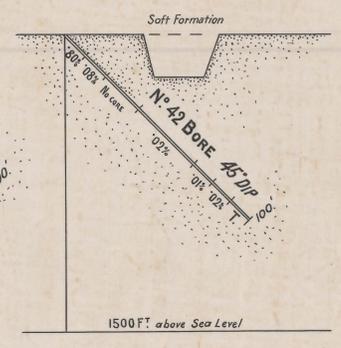
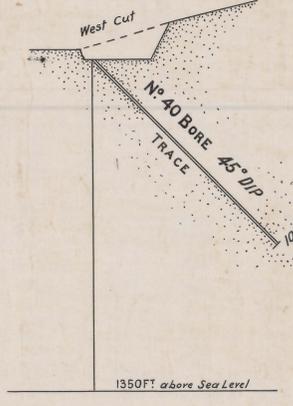
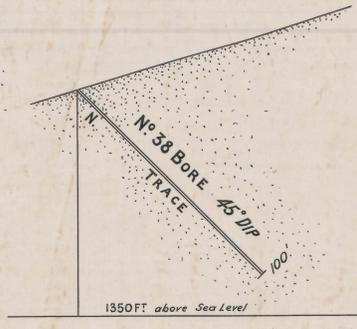
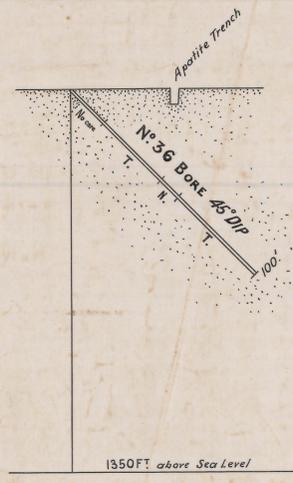
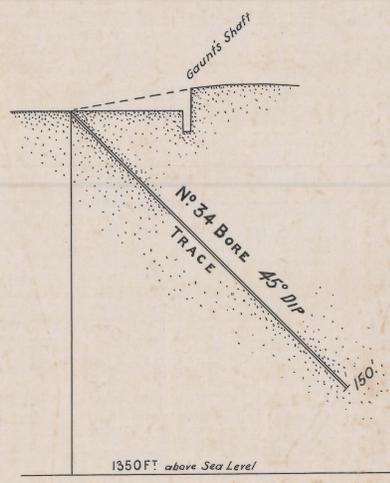
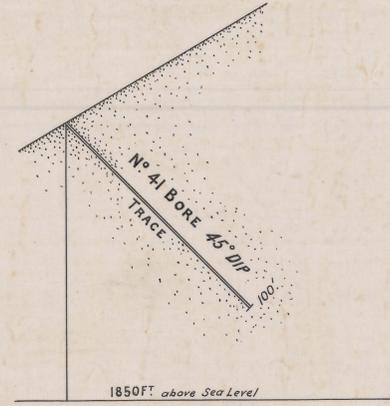
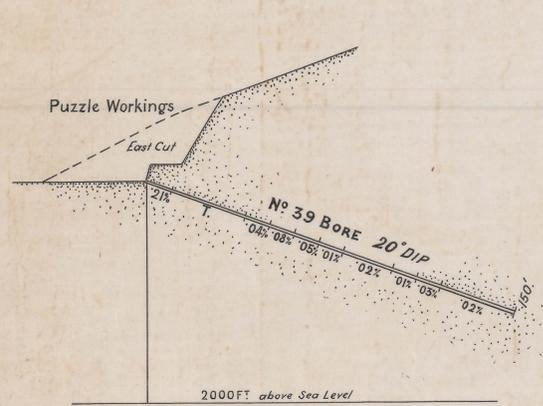
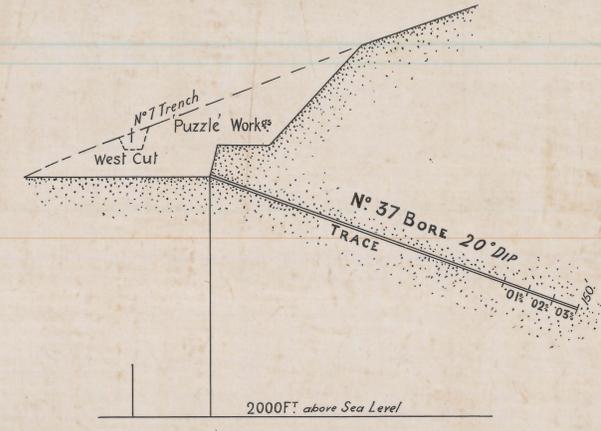
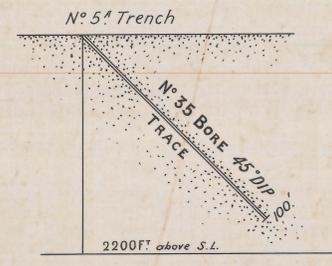
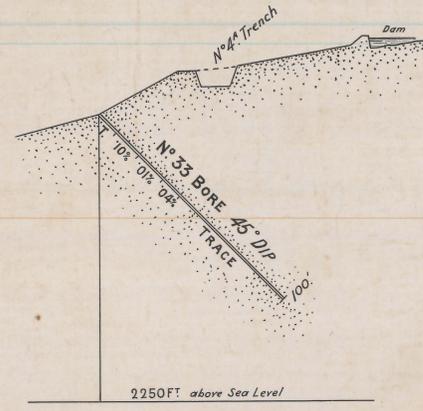
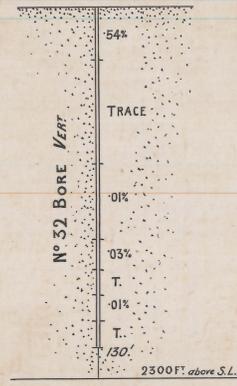
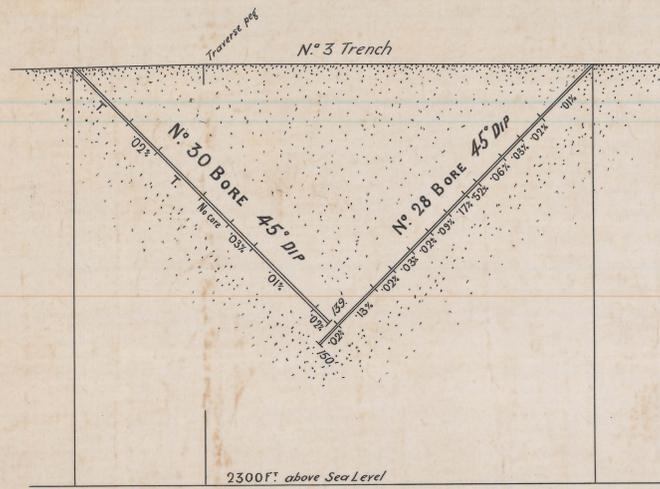
Mt. Lyell Mg. and Ry. Co. Ltd.  
Blue Tier

Sections at Bores

Scale 30ft. to an inch

BLUE TIER  
MT. LYELL'S  
GENERAL - CROSS-SECTIONS  
AND MILLING  
RESULTS, CRYSTAL  
HILL AND AUSTRALIAN  
1:600

6 cm



MRT 5

BLUE TIER  
GENERAL - MY LEVEL  
SAMPLING RESULTS  
AND DILLHOLE  
LOCATIONS, DON,  
SANDY GRANITE & APATITE  
1:600

MRT 6

N° 6 SHEET  
Details of Surface Sampling  
Scale 50 ft. to an inch

1157<sup>JJJ</sup> 80 ac.

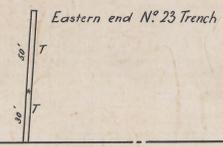
1153<sup>JJJ</sup> 63 ac.

1507<sup>JJJ</sup> 20 ac.

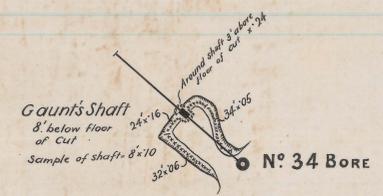
1505<sup>JJJ</sup> 20 ac.

745<sup>JJJ</sup> 20 ac.

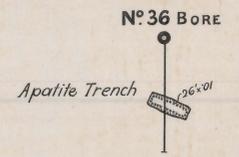
DON WORKINGS



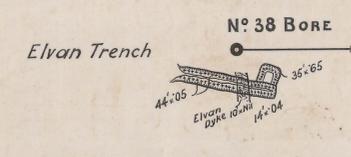
West Bdy. 1158<sup>M</sup>



N° 34 BORE



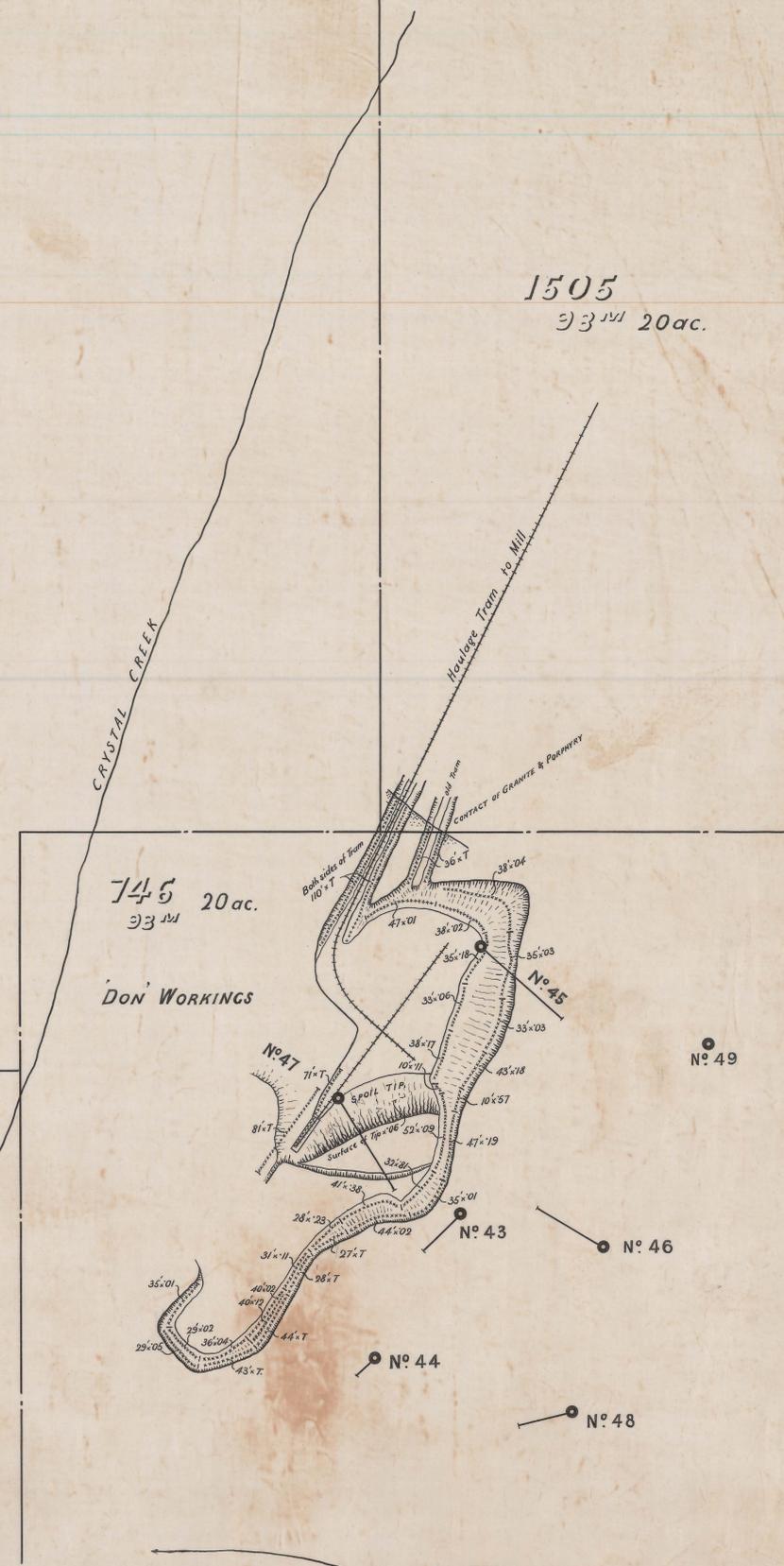
N° 36 BORE



N° 38 BORE



Small Cut



East bdy. 1158<sup>M</sup>



1253<sup>1/2</sup> 10 ac.

Crown Land

Soft Form?

Nº 42 BORE

Nº 20 TRENCH

Nº 19 TRENCH

Nº 18 TRENCH

Nº 17 TRENCH

Nº 21 TRENCH

Nº 22 TRENCH

Nº 23 TRENCH

Nº 40 BORE

Nº 24 TRENCH

1157<sup>1/2</sup> 80 ac.

7  
33<sup>1/2</sup>  
20 ac.

BLUE TIER  
GENERAL - MT LYELL  
TRENCHING  
RESULTS AT  
1. 600

MRT 7



Crown Land

344  
23<sup>VI</sup> 20 ac.

Nº 8 SHEET  
Details of Surface Sampling  
Scale 50ft. to an inch

Crown Land

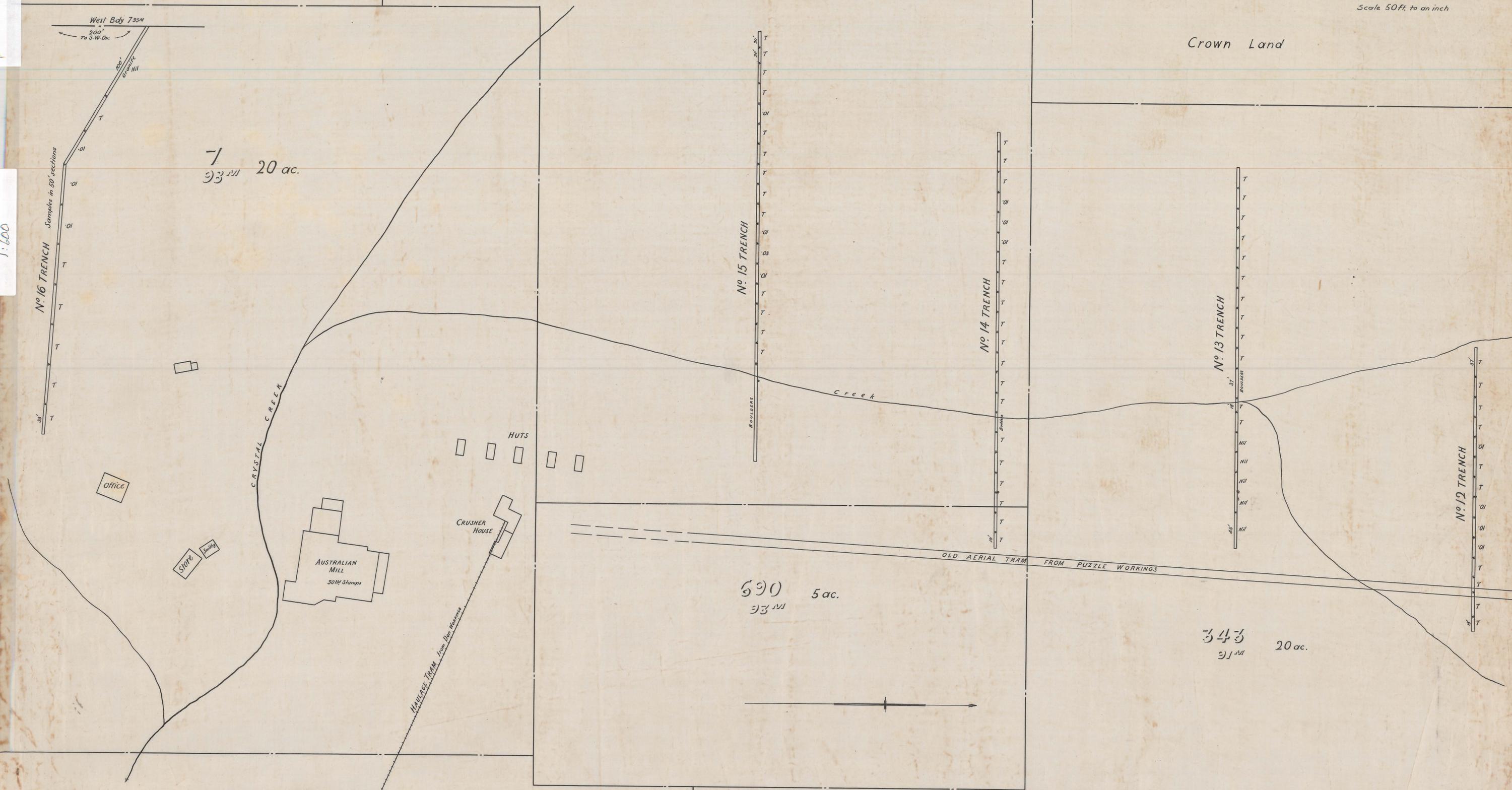
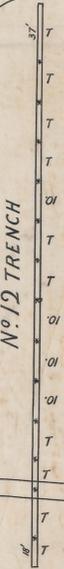
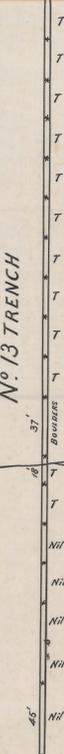
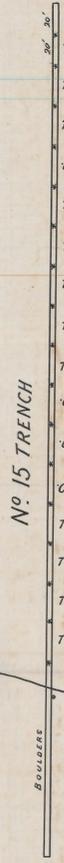
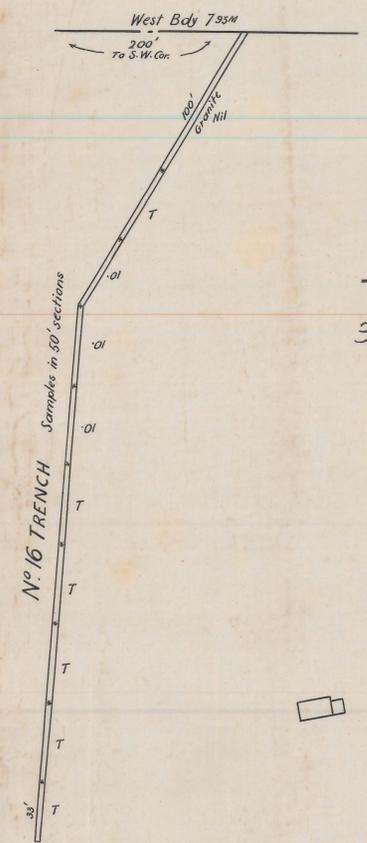
7  
23<sup>VI</sup> 20 ac.

590  
23<sup>VI</sup> 5 ac.

343  
23<sup>VI</sup> 20 ac.

BLUE TIER  
GENERAL - MTLWELL  
TRENCHING  
RESULTS AT THE  
AUSTRALIAN  
1:600

MRT 8



BLUE TIER

GENERAL - MT LVELL'S  
TRENCHING  
RESULTS AT  
THE PUZZLE  
1:600

MRT 9

6 cm

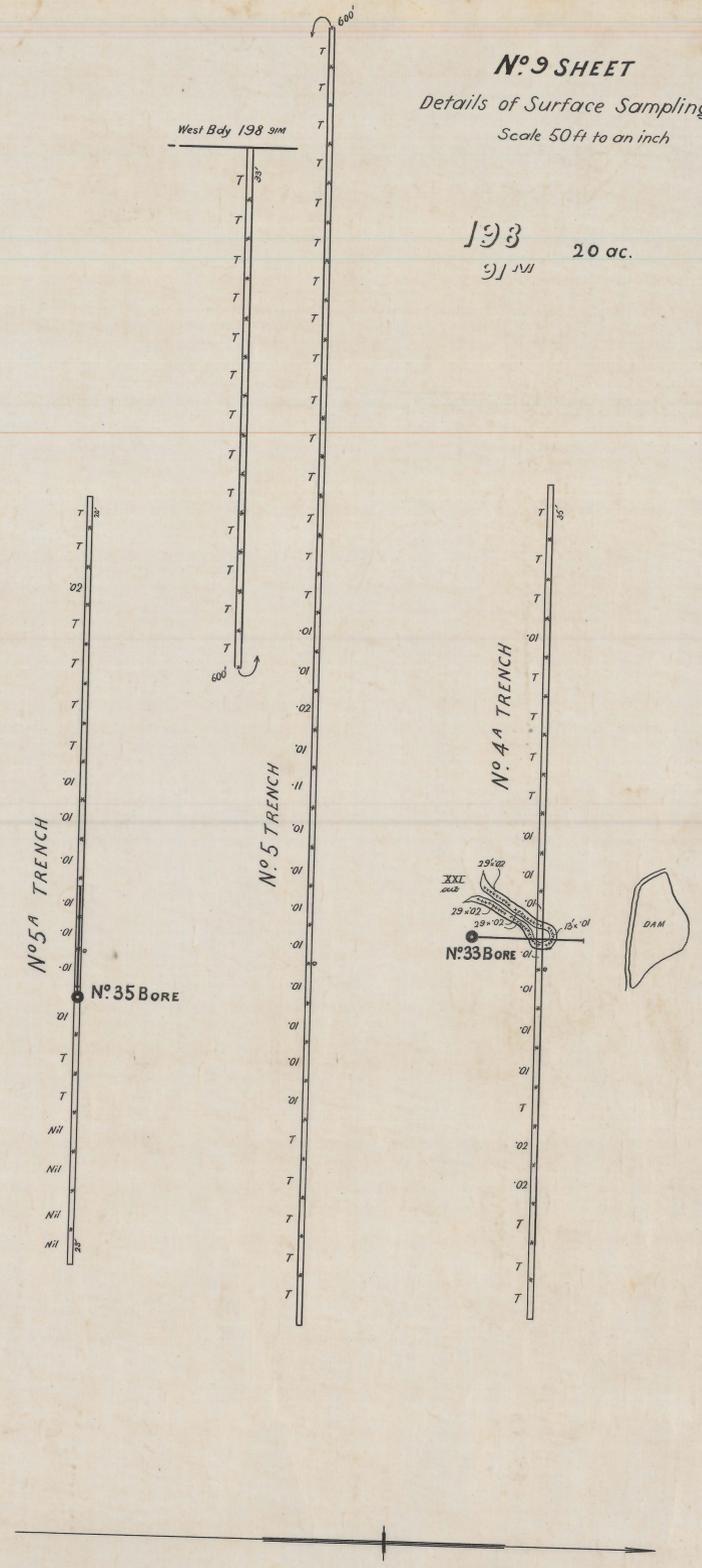
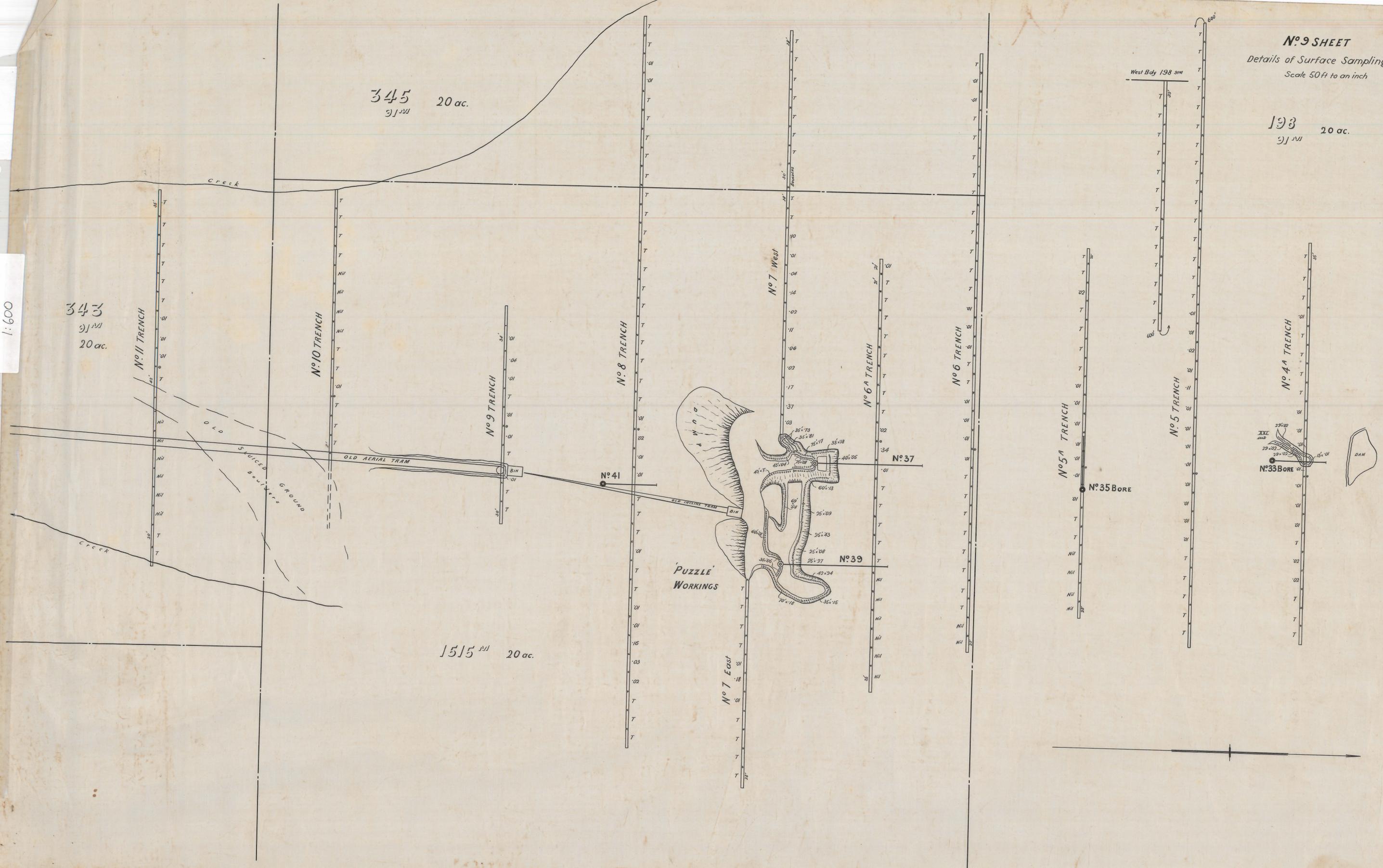
Nº 9 SHEET  
Details of Surface Sampling  
Scale 50 ft to an inch

193  
9/11 20 ac.

343  
9/11  
20 ac.

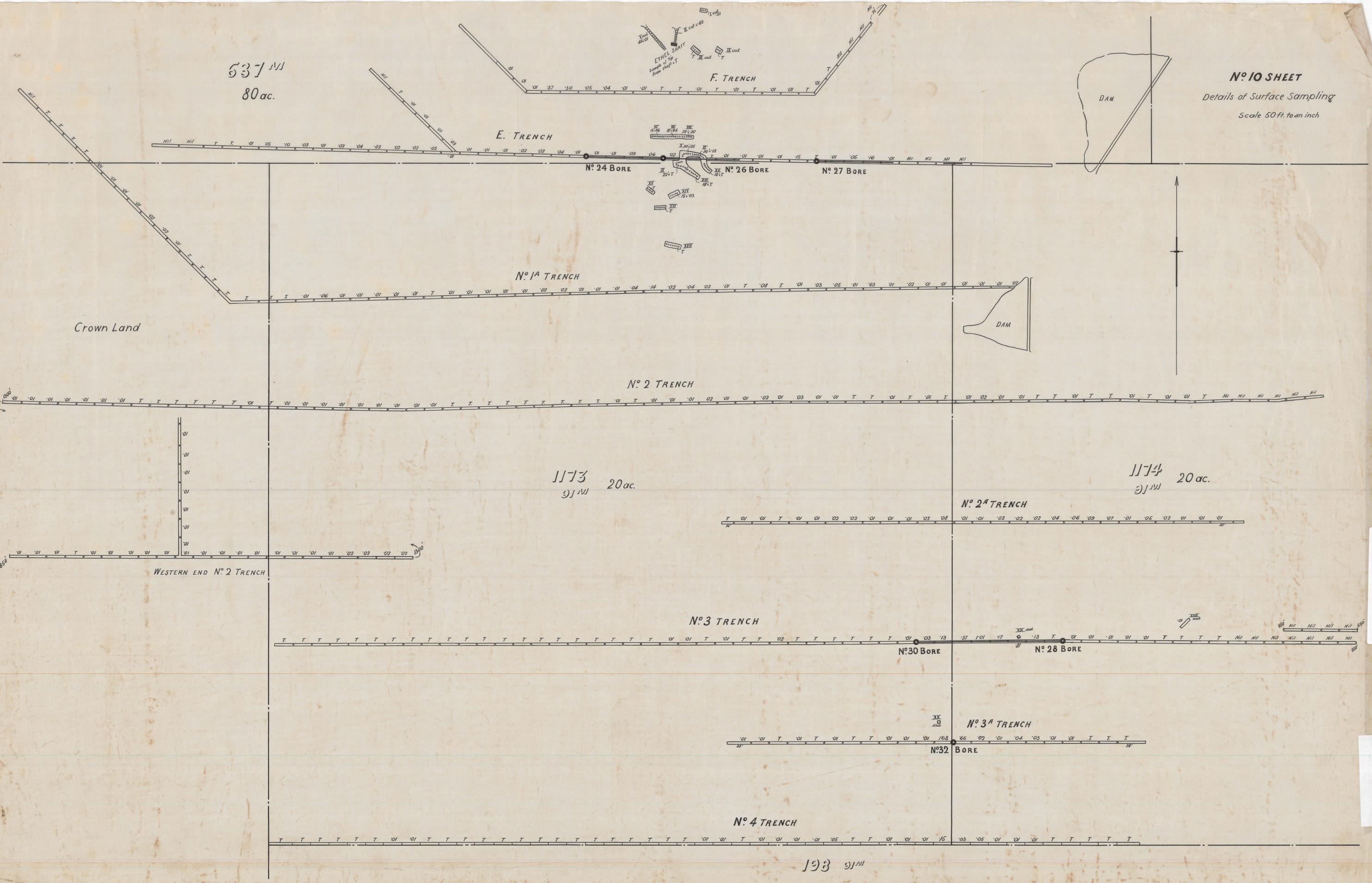
345  
9/11  
20 ac.

1515  
11/11  
20 ac.



537<sup>1/2</sup>  
80 ac.

N<sup>o</sup> 10 SHEET  
Details of Surface Sampling  
Scale 50 ft. to an inch



MRT 10

BLUE TIER  
GENERAL - MT LYELL'S  
TRENCHING AT  
THE AUSTRALIAN  
1:600

5 cm

193 91<sup>1/2</sup>

BLUE TIER  
 GENERAL - MT LYELL'S  
 TRENCHING  
 RESULTS AT  
 THE ETHEL WORKINGS  
 1:600

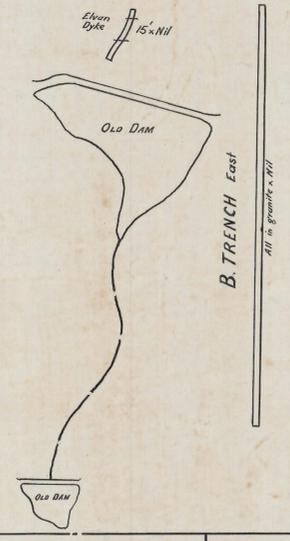
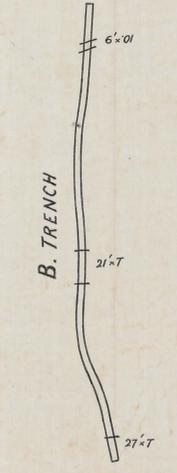
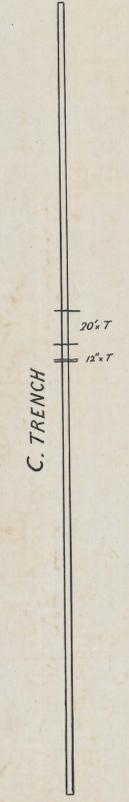
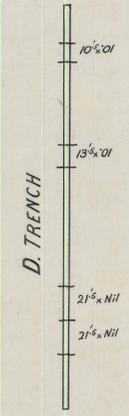


MRT 11

1174  
 21/11  
 20 ac.

1173  
 21/11  
 20 ac.

Ethel Shaft ■

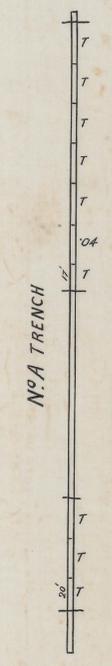


B. TRENCH East  
 All in granite & 217'



637<sup>11/1</sup> 80 ac.

Nº 17 BORE



577<sup>11/1</sup>  
 20 ac.

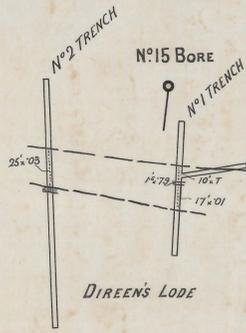
**N° 12 SHEET**  
 Details of Surface Sampling  
 Scale 50 ft to an inch

550<sup>1/2</sup>  
 73 ac.

1154<sup>1/2</sup> 20 ac

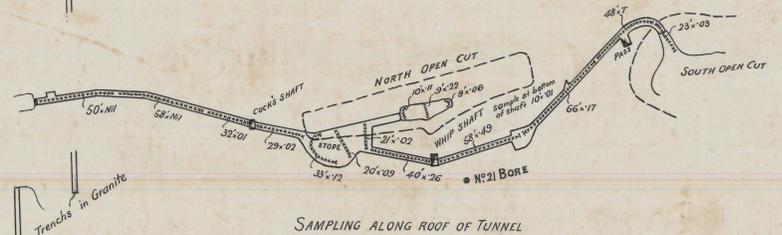
577<sup>1/2</sup> 20 ac

573<sup>1/2</sup> 20 ac.

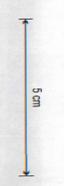


Decomposed Granite - Nil

Decomposed Granite - Nil



BLUE TIER  
 HAKES - NT LVELL  
 LEASE  
 TRENCHING  
 RESULTS  
 1:600



BLUE TIER  
HILLYS - MT LYELL  
TRENCHING  
LEASE  
1:600

MRT 13

**N° 13 SHEET**

Details of Surface Sampling

Scale 50 Ft. to an inch

5 cm



N° 14 East  
47' T  
42' T  
44' 01  
45' 01  
65' T

554<sup>MJ</sup> 80 ac.

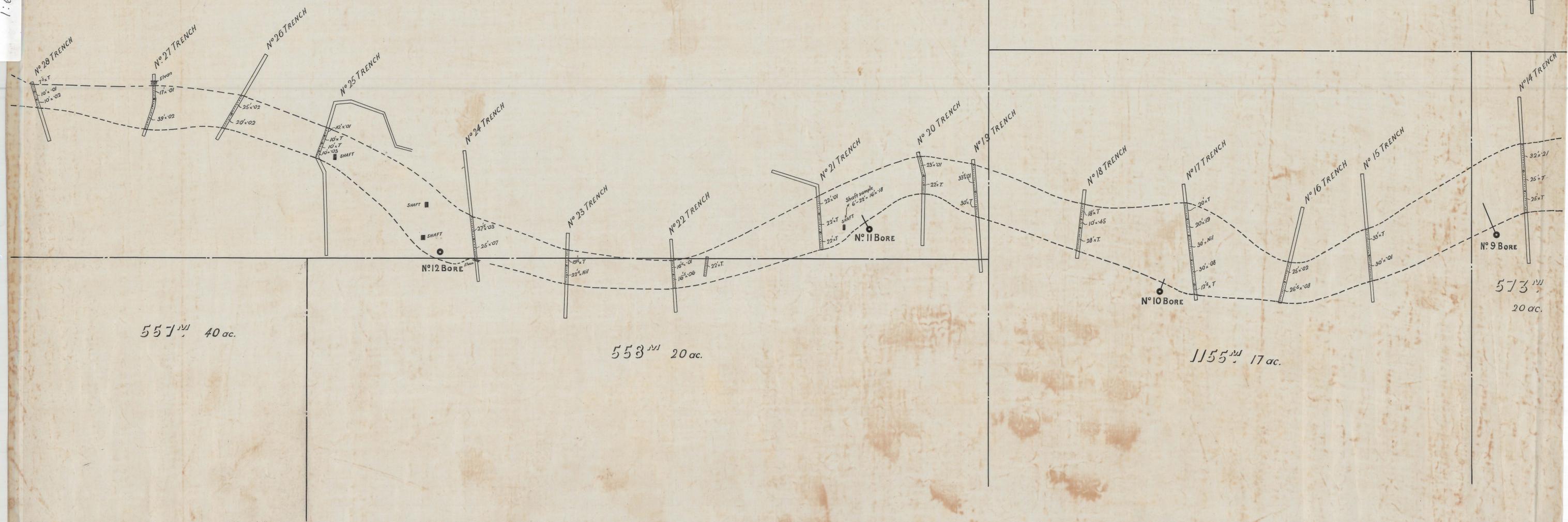
550<sup>MJ</sup> 73 ac.

557<sup>MJ</sup> 40 ac.

553<sup>MJ</sup> 20 ac.

1155<sup>MJ</sup> 17 ac.

573<sup>MJ</sup> 20 ac.



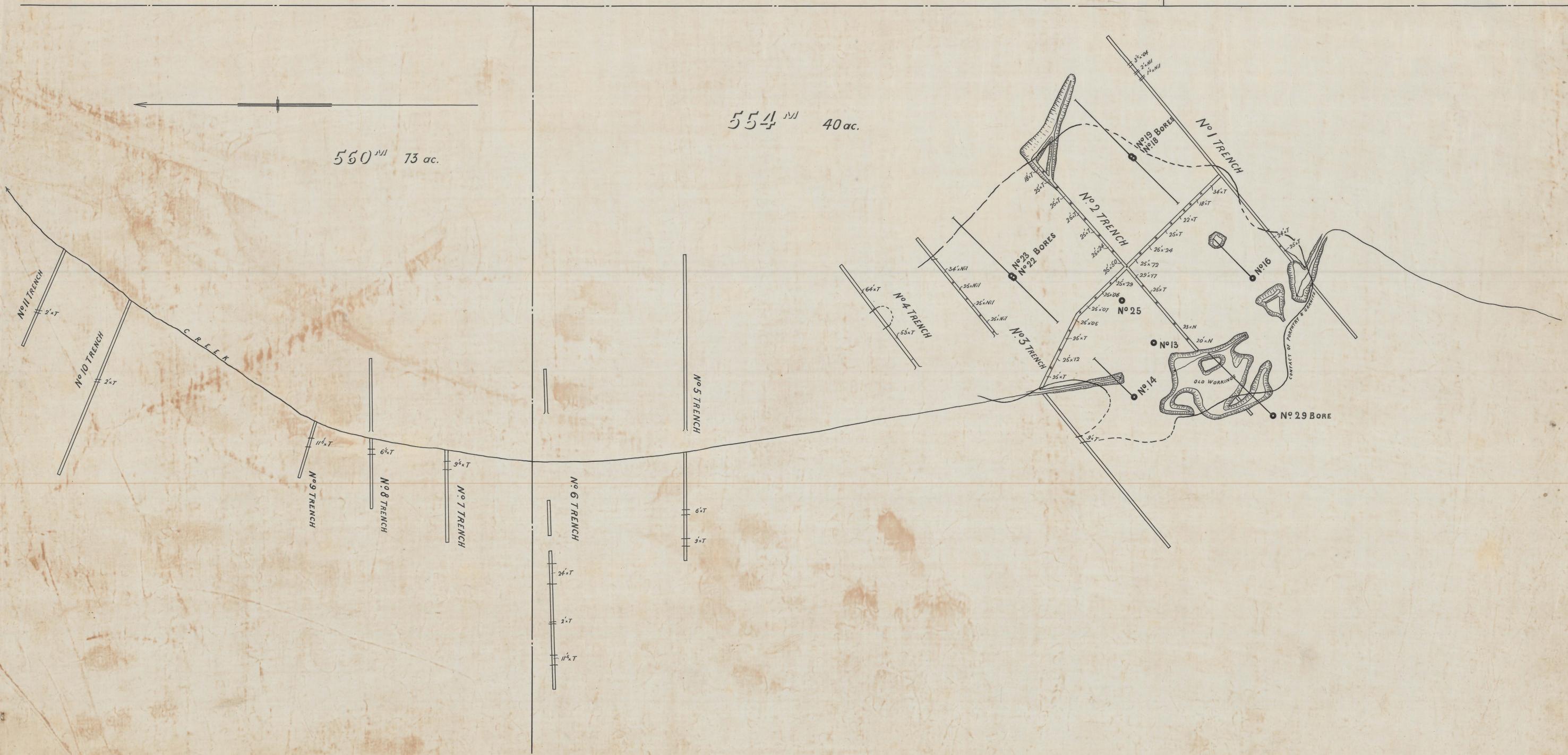


553<sup>NJ</sup> 40 ac.

3834<sup>NJ</sup> 20 ac.

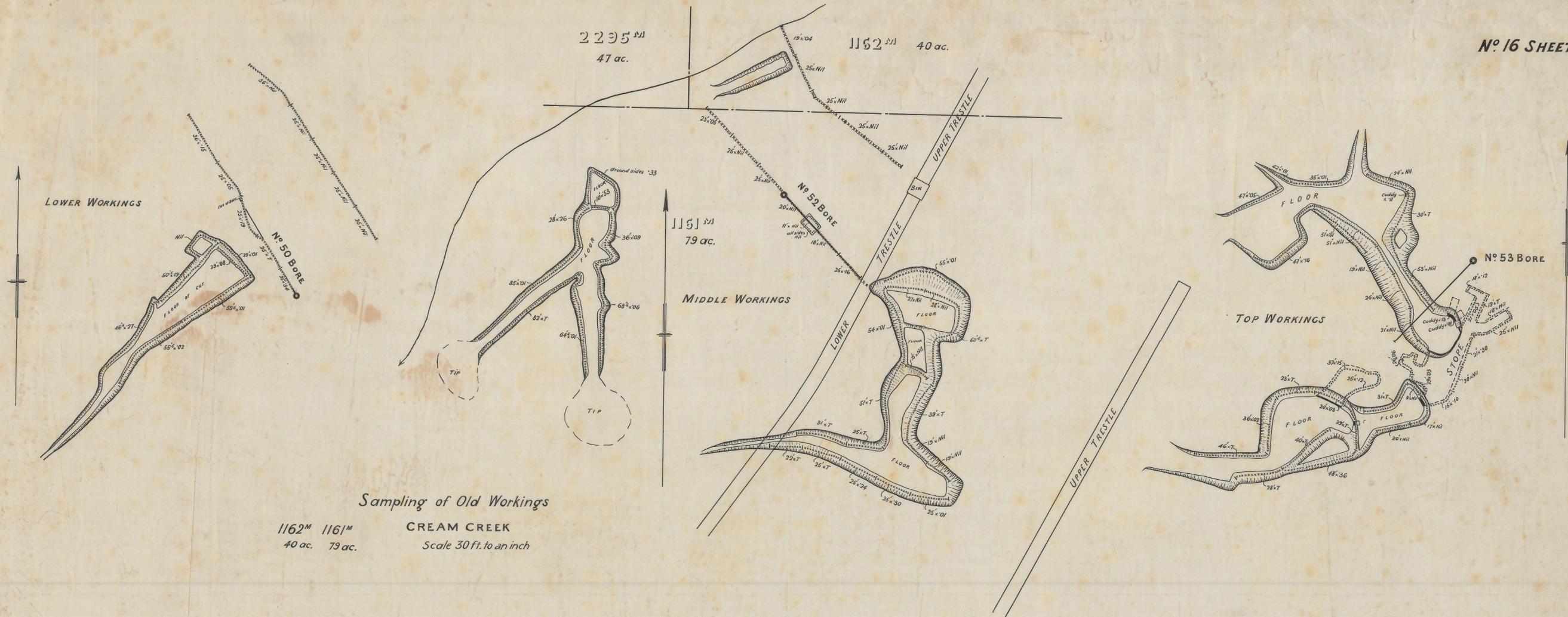
554<sup>NJ</sup> 40 ac.

550<sup>NJ</sup> 73 ac.



MRT 15

BLUE TIER  
 M. L. YELL'S  
 TRENCH SAMPLING  
 RESULTS  
 1:600

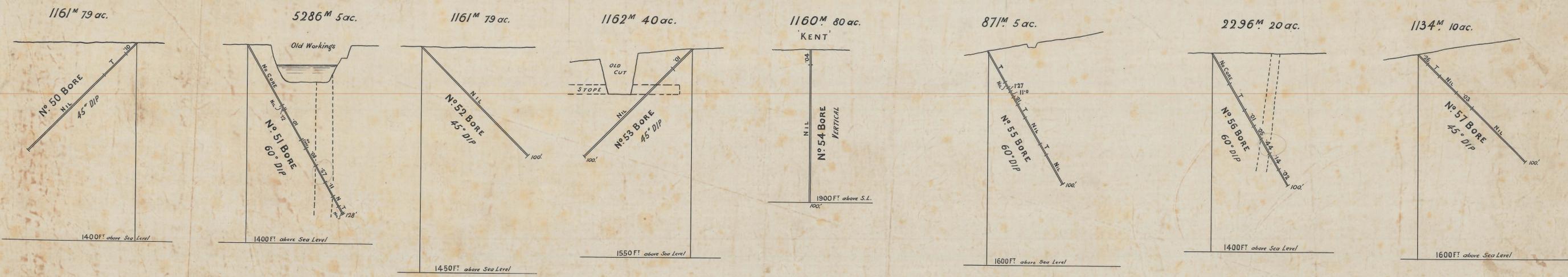


Sampling of Old Workings

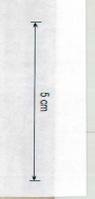
1162<sup>M</sup> 1161<sup>M</sup> CREAM CREEK  
40 ac. 79 ac. Scale 30 ft. to an inch

SECTIONS OF BORES

Cream Creek and vicinity  
Scale 30 ft to an inch



BLUE TIER  
CREAM - MT LYELL'S  
CREEK  
TRENCHING &  
DRILLING  
RESULTS  
1 : 360



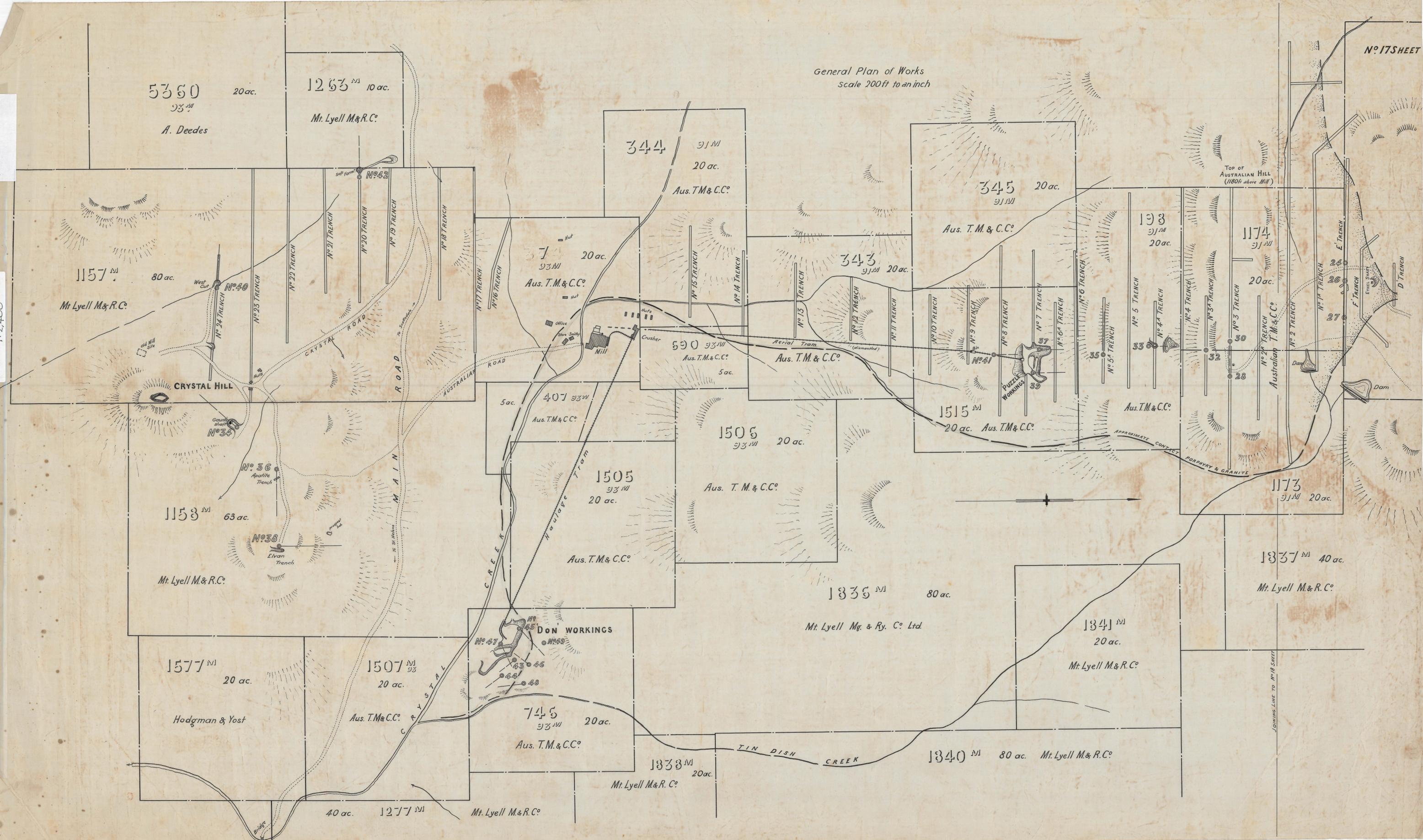
MRT 16

General Plan of Works  
Scale 200ft to an inch

5cm

BLUE TIER  
GENERAL - MOUNT LYELL'S  
TRENCH AND  
DRILLHOLE LOCATIONS:  
CRYSTAL HILL, DON,  
AUSTRALIAN, PUZZLE, ETC.  
1:2,400

MRT 17



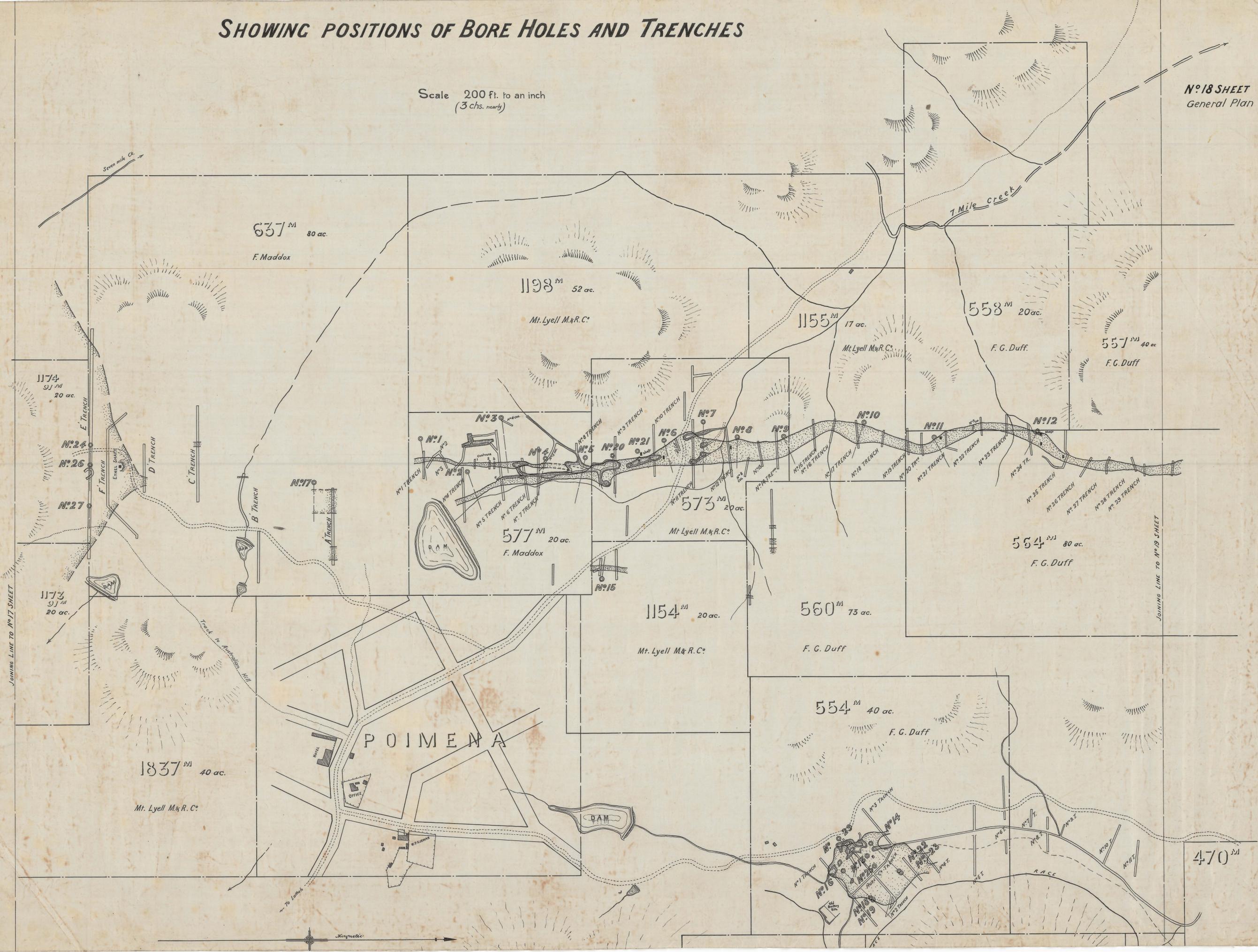
# SHOWING POSITIONS OF BORE HOLES AND TRENCHES

Scale 200 ft. to an inch  
(3 chs. nearly)

N°18 SHEET  
General Plan

BLUE TIER  
GENERAL - MT LYELL  
GEOLOGY AND  
TRENCH, DRILL-HOLE  
LOCATIONS, ETHEL  
SHOOTS, HIGHWAY  
1: 2,400

MRT 18



JOINING LINE TO N°19 SHEET

JOINING LINE TO N°17 SHEET

N<sup>o</sup> 19 SHEET  
General Plan of Works  
Scale 200ft to an inch

Mt Lyell M.&R.C.  
1155<sup>JVI</sup> 80 ac.

1164<sup>JVI</sup> 60 ac.  
Mt Lyell M.&R.C.

557<sup>JVI</sup> 40 ac.  
F. G. Duff

556<sup>JVI</sup> 20 ac.  
F. G. Duff

555<sup>JVI</sup> 62 ac.  
F. G. Duff

976<sup>JVI</sup> 20 ac.  
C. L. Stewart

1358<sup>JVI</sup> 40 ac.  
Mt. Lyell M.&R.C.

427<sup>JVI</sup> 20 ac.  
C. L. Stewart

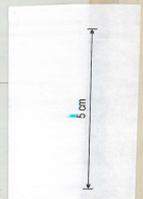
564<sup>JVI</sup> 80 ac.  
F. G. Duff

559<sup>JVI</sup> 80 ac.  
F. G. Duff

1163<sup>JVI</sup> 30 ac.  
Mt. Lyell M.&R.C.

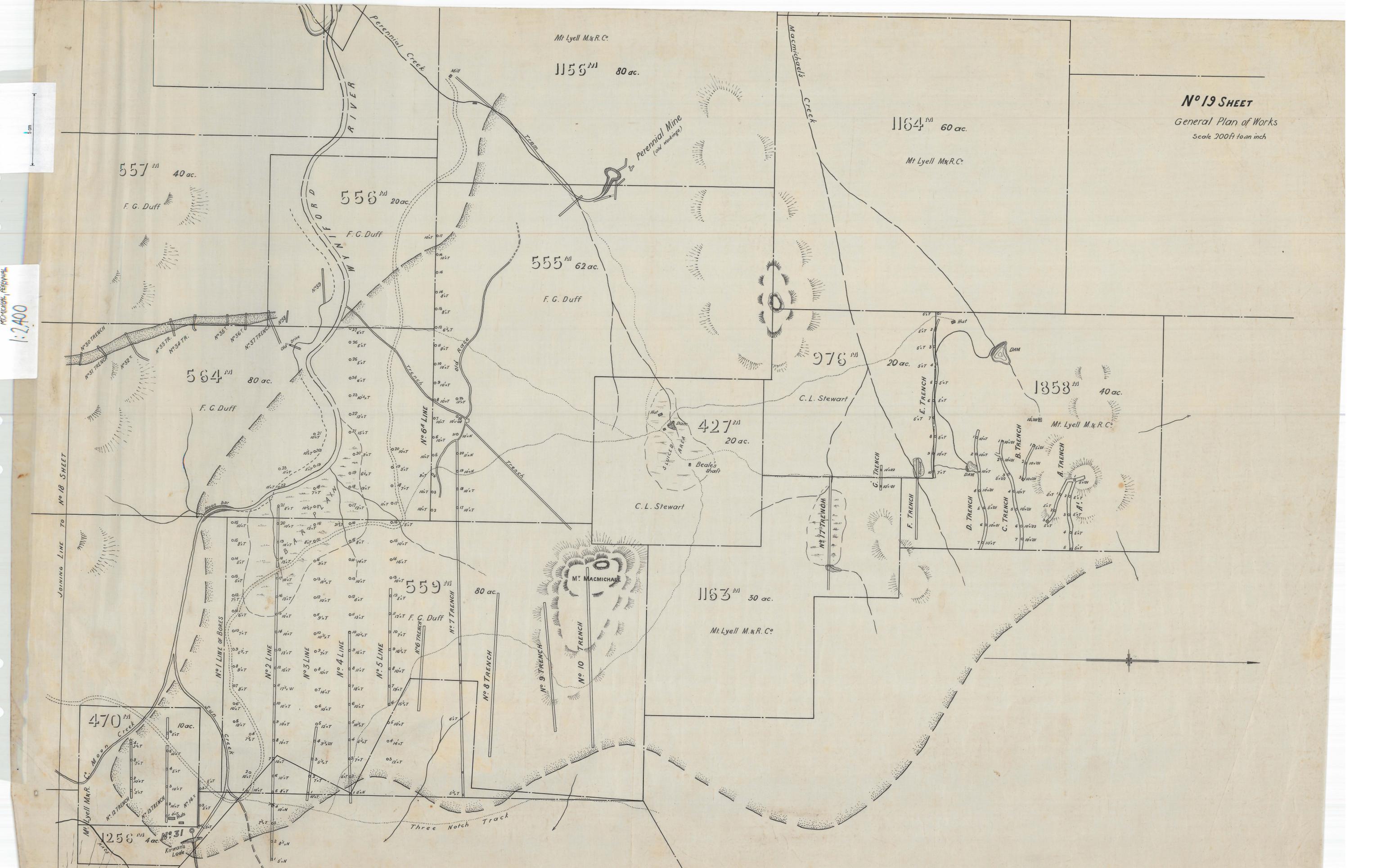
470<sup>JVI</sup> 10 ac.  
Creek

1256<sup>JVI</sup> 4 ac.  
Kirwan's Lode



TRENCHING AND  
SAMPLING RESULTS,  
M<sup>t</sup> LYELL, (1901/1902)  
1:2400

JOINING LINE TO  
N<sup>o</sup> 18 SHEET



MOUNT LYELL M<sup>c</sup> & R<sup>y</sup> C<sup>o</sup>Y L<sup>td</sup> BLUE TIER

PROSPECTING AT CREAM CREEK AND VICINITY

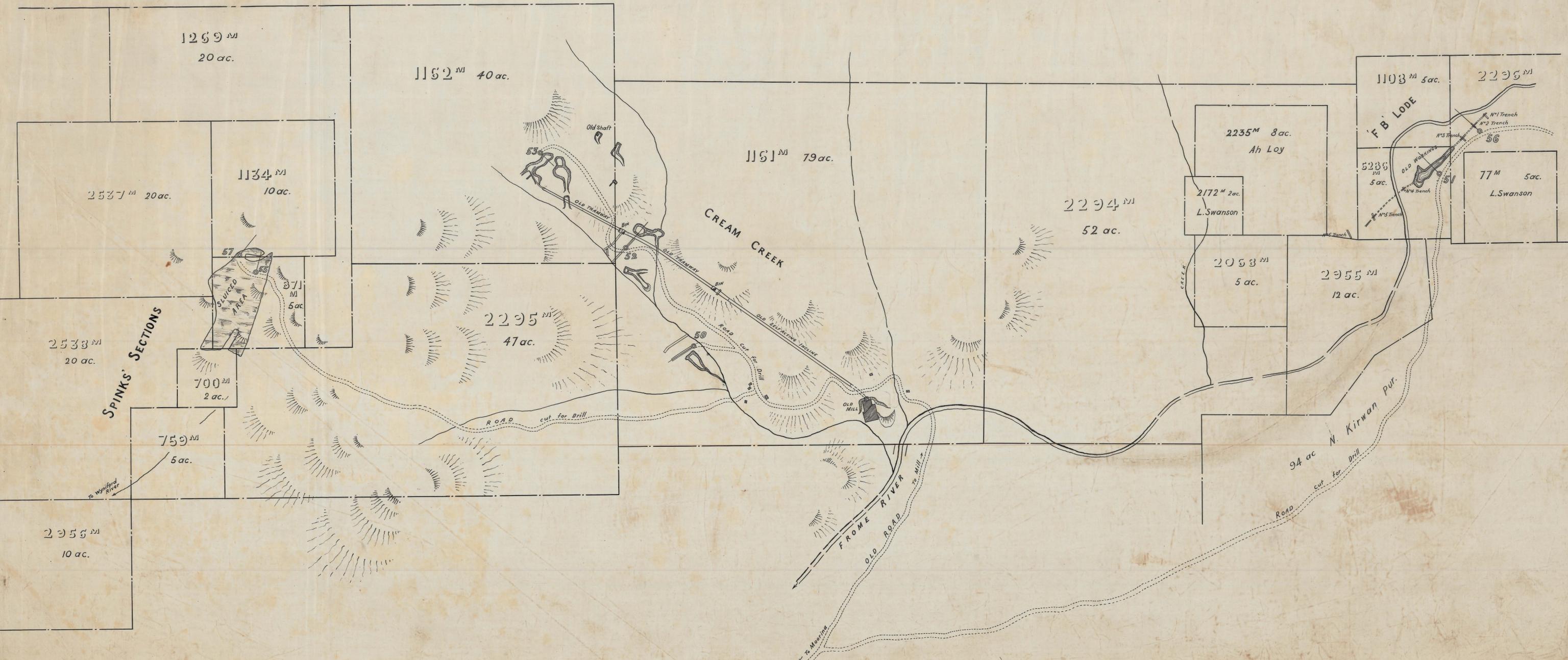
N<sup>o</sup> 20 SHEET

Scale 200ft to an inch



MRT 20

Blue Tier  
GENERAL - MT LYELL RUN  
OF OLD WORKINGS  
SPINKS' CLAIM  
FRENCH'S F.B. LODE  
1:2,400

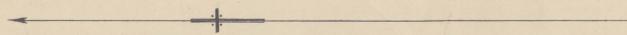


MOUNT LYELL M<sup>C</sup> & R<sup>Y</sup> C<sup>OY</sup> L<sup>TD</sup> BLUE TIER

PROSPECTING AT CREAM CREEK AND VICINITY

N<sup>O</sup> 20 SHEET

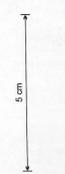
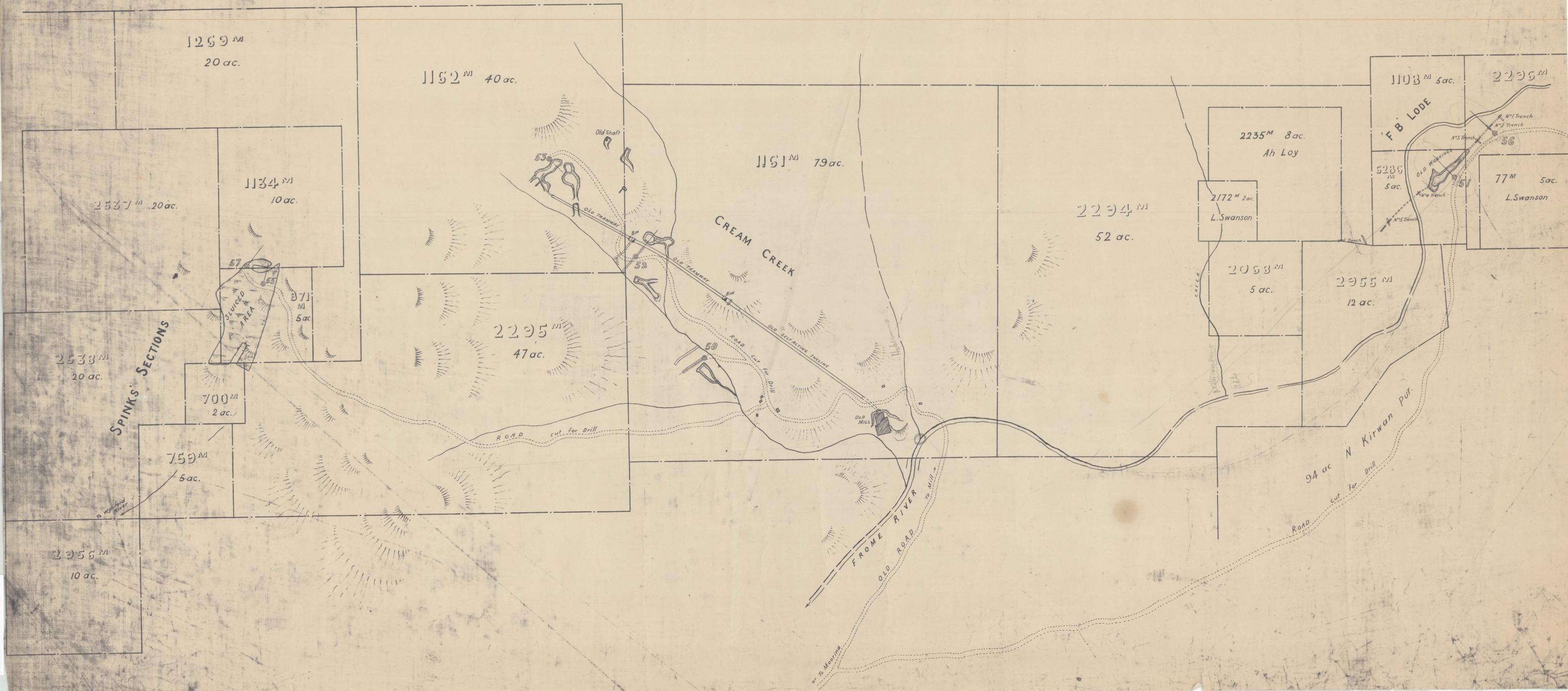
Scale 200 ft to an inch



MRT 21

BLUE TIER  
CREAM CREEK  
MT LYELL  
LOCATION PLAN  
1:2,400

CREAM



Mr. Lyell M<sup>g</sup> & Ry. C<sup>o</sup> L<sup>td</sup> Blue Tier

PLAN SHOWING SURFACE PROSPECTING VICINITY OF HALEY'S LEASE

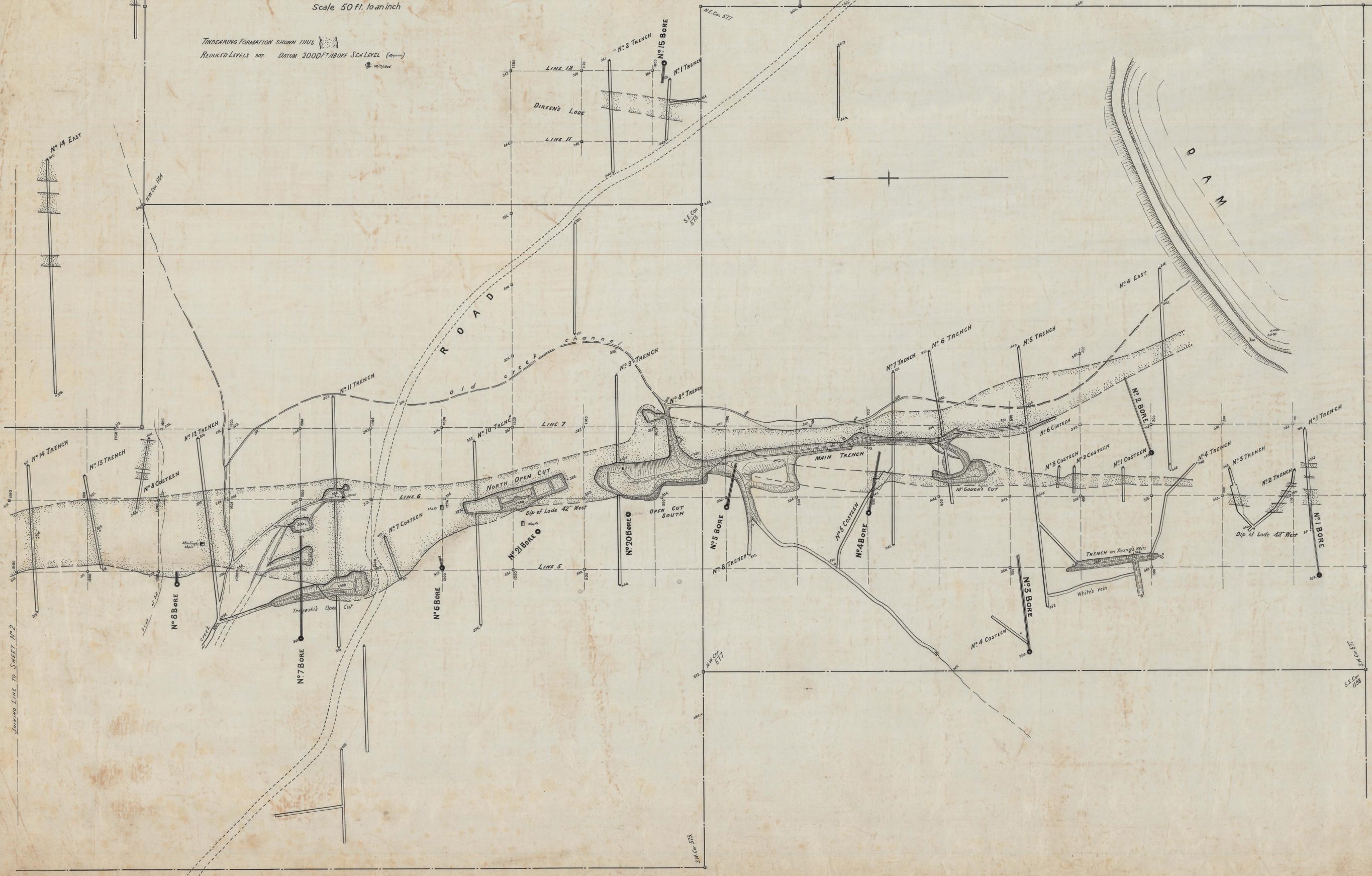
Sheet N<sup>o</sup> 1

Scale 50 ft. to an inch

P O I M E N A

TINBEARING FORMATION SHOWN THUS [Symbol]  
REDUCED LEVELS 307 DATUM 2000 FT. ABOVE SEA LEVEL (approx.)

BLUE TIER  
HALEY'S LEASE  
MRT 22  
1:600



MRT 22

6 cm

Joining Line to Sheet No. 2

Joining Line to Sheet No. 3

# HALEY'S LEASE

Sheet N° 2

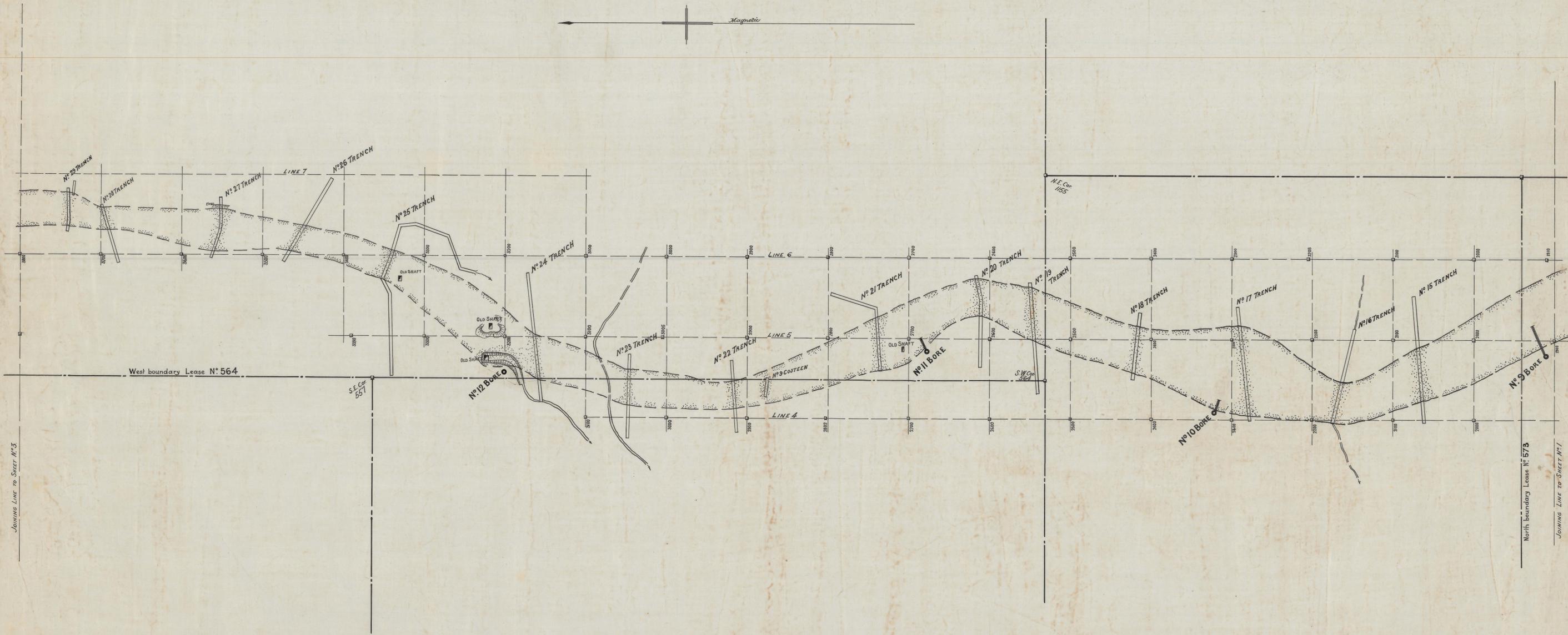
Scale 50 ft. to an inch

TINBEARING FORMATION THUS -



BLUE TIER  
MT. LEVEL  
HALEY'S LEASE  
TRENCH-DRILL  
HOLE LOCATIONS  
1:600

MRT 23



MOUNT LYELL M<sup>C</sup> & RY C<sup>OY</sup> L<sup>TD</sup> BLUE TIER

N<sup>o</sup> 1 SHEET

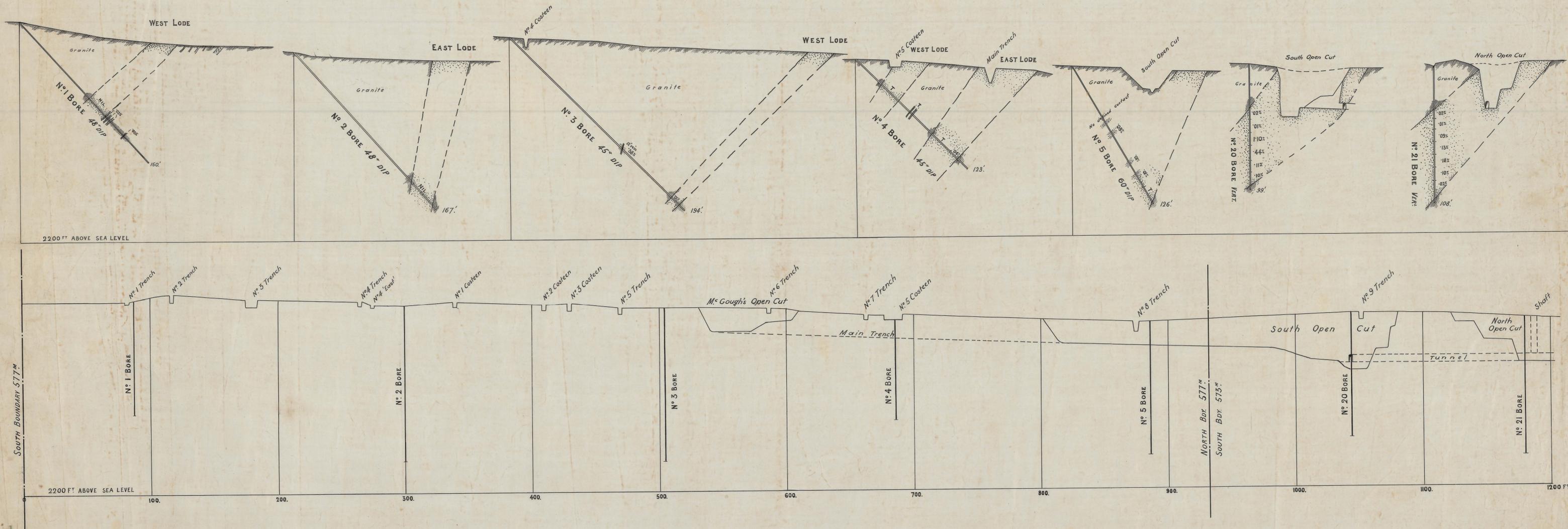
LONGITUDINAL SECTION OF HALEY'S LEASE LODE  
WITH CROSS SECTIONS AT EACH BORE

Scale 30ft. to an inch

BLUE TIER  
 MOUNT LYELL  
 LONG AND CROSS  
 SECTIONS + DRILLING  
 RESULTS  
 1:260



MRT 24



BLUE TIER  
- MT LYELL  
HALEYS  
LEASE  
LONG AND CROSS  
SECTIONS WITH  
DRAILING RESULTS  
1:360

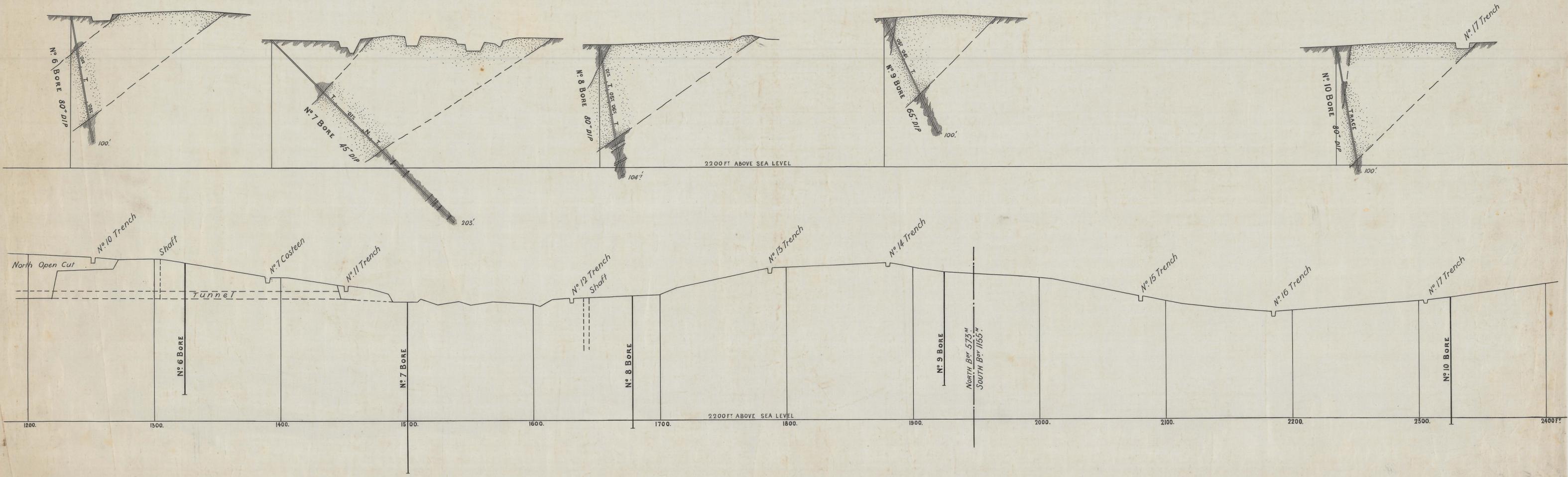
MRT 25



Scale 30ft to an inch

**N° 2 SHEET**

Mt Lyell M. & R. Co. L<sup>td</sup> Blue Tier  
Longitudinal Section of Haleys Lode  
with Cross Sections at each Bore

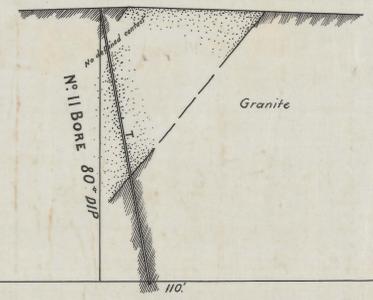


**N° 3 SHEET**

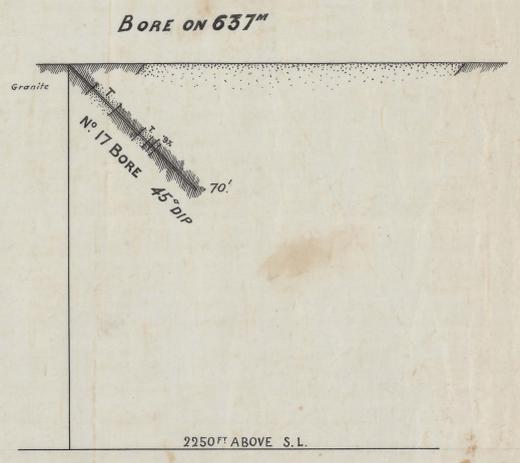
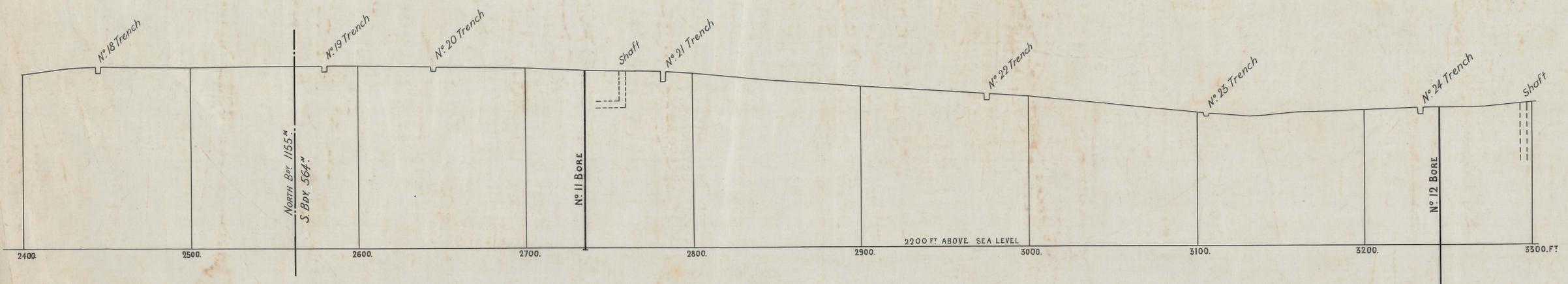
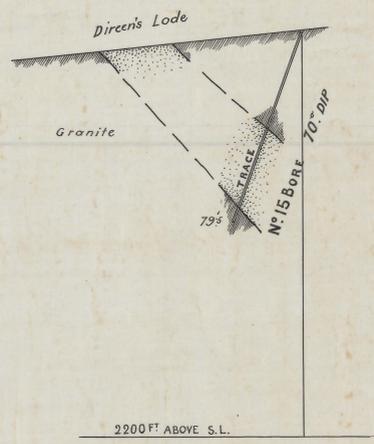
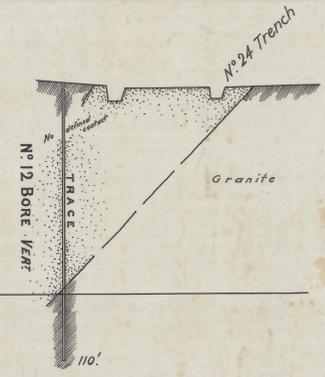
Mt. Lyell M&R. Co. Ltd. Blue Tier  
 Longitudinal Section of Haley's Lode  
 with Cross Sections at each Bore

Scale 30 ft. to an inch

BLUE TIER  
 MT. LYELL  
 HALEY'S LODE  
 LONG AND CROSS  
 SECTIONS WITH  
 DRAWING RESULTS  
 1:360



2200 FT ABOVE SEA LEVEL



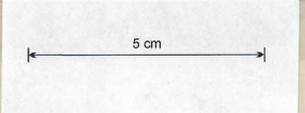
BORE ON 637'

2250 FT ABOVE S.L.

MRT 26

# MRT 27

BLUE TIER  
GENERAL - MT LYELL  
DRILLING +  
SAMPLING RESULTS  
- DON WORKINGS  
1:360



Mt Lyell M&R Co. Ltd. Blue Tier  
ASSAY PLAN OF 'DON' WORKINGS 746 93M  
Scale 30 ft to an inch

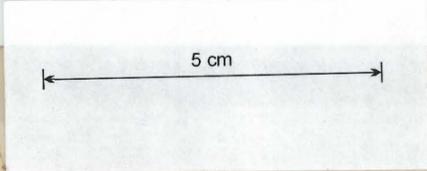


1505  
93M

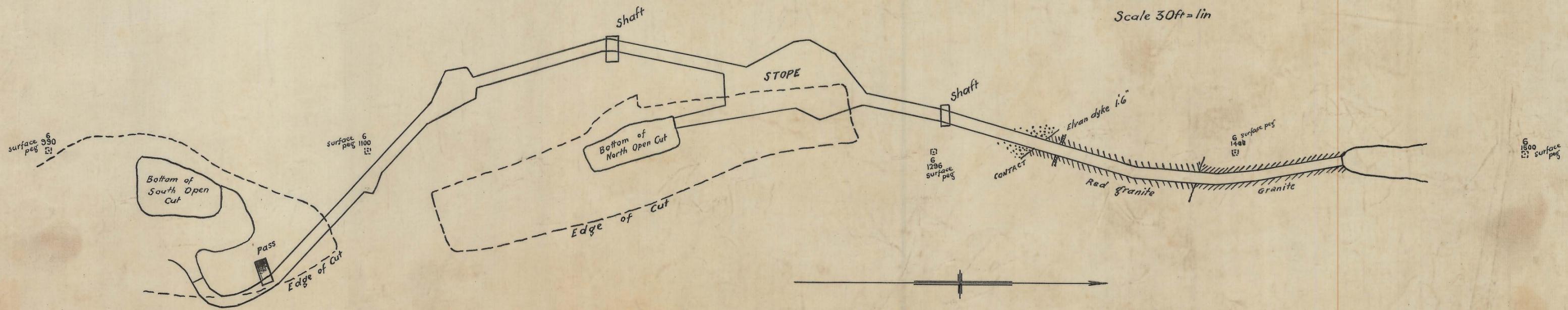
1153  
93M

# MRT 28

BLUE TIER  
HALEYS - MT LYELL  
LEASE SUBSURFACE  
GEOLOGY +  
WORKINGS  
1:360



Mt Lyell M. & R. Co Ltd. Blue Tier  
Assay Plan Underground Workings  
Haley's Lease 573<sup>M</sup>  
Scale 30ft = 1in



BLUE TIER

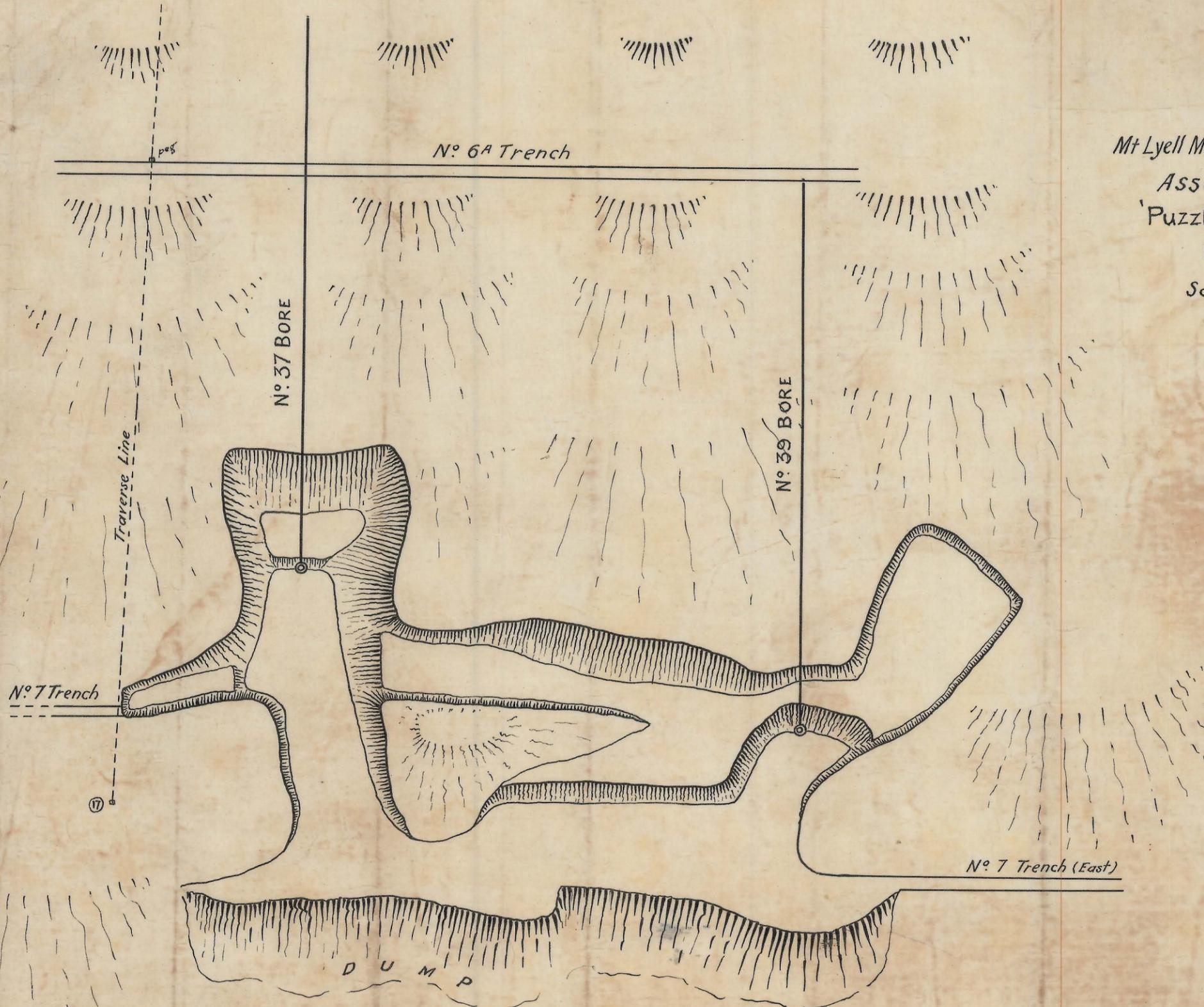
GENERAL - MT LYELL'S  
PUZZLE  
WORKINGS +  
TRENCHES + DRILL HOLES

1:360

MRT 29

MRT

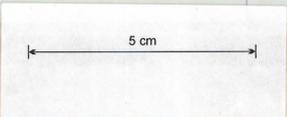
5 cm



Mt Lyell M&R Co. Blue Tier  
Assay Plan  
'Puzzle' Workings  
1515<sup>m</sup>  
Scale 30ft = 1in

MRT 30

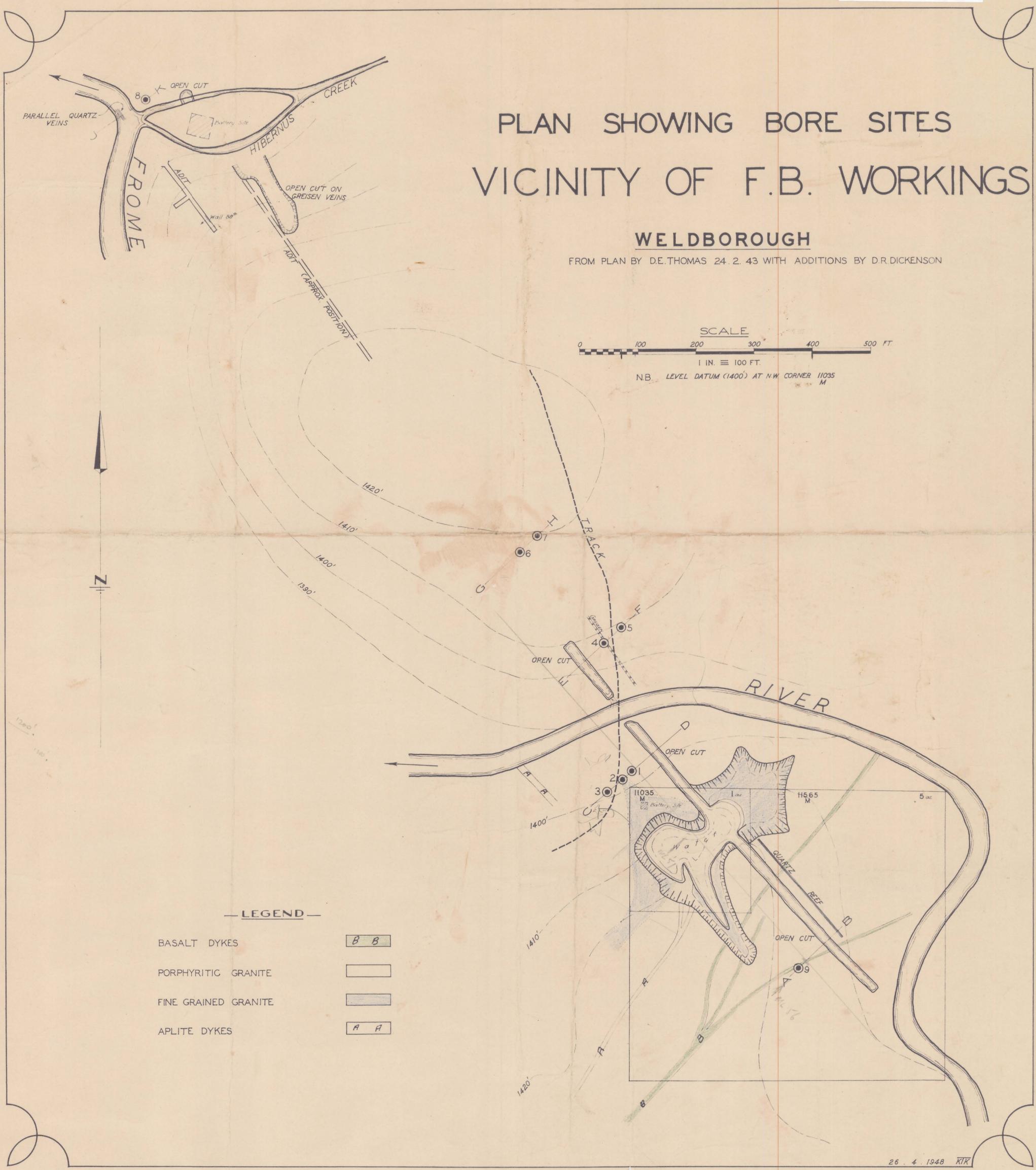
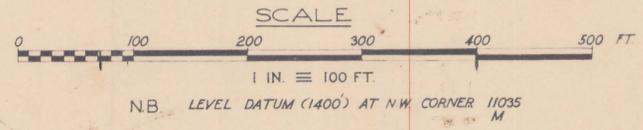
BLUE TIER  
F.B. LODGE - DRILLHOLE  
LOCATIONS  
1:1200



# PLAN SHOWING BORE SITES VICINITY OF F.B. WORKINGS

## WELDBOROUGH

FROM PLAN BY DE. THOMAS 24. 2. 43 WITH ADDITIONS BY D.R. DICKENSON



— LEGEND —

- BASALT DYKES B B
- PORPHYRITIC GRANITE
- FINE GRAINED GRANITE
- APLITE DYKES A A

1047-32

26. 4. 1948 RTK

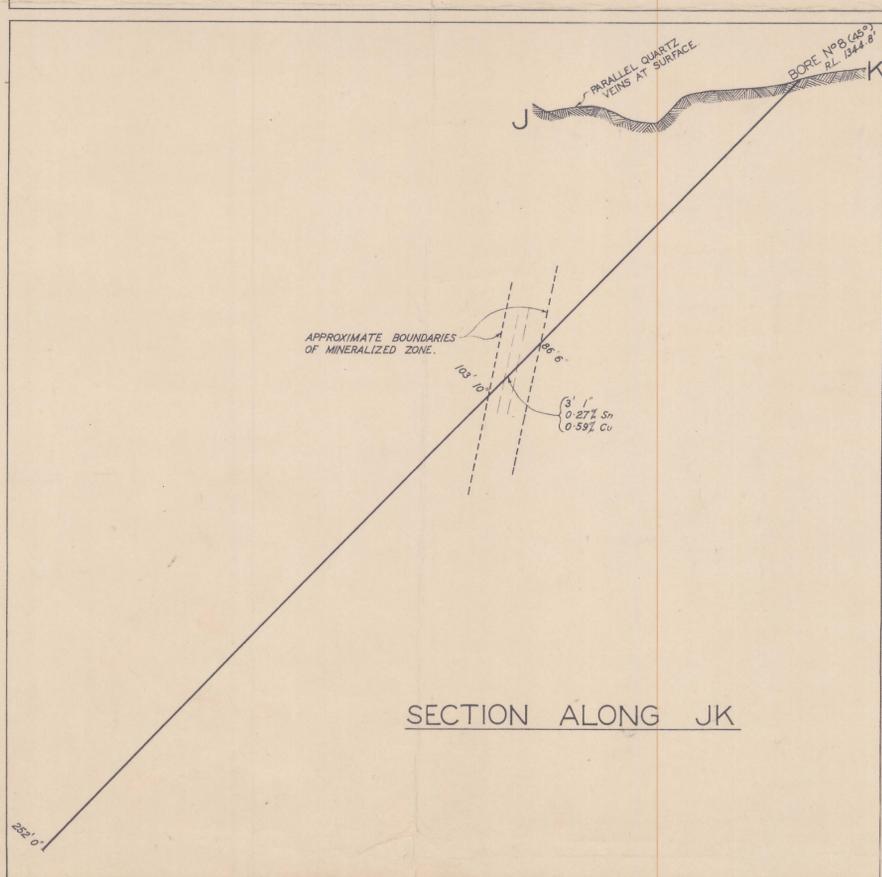
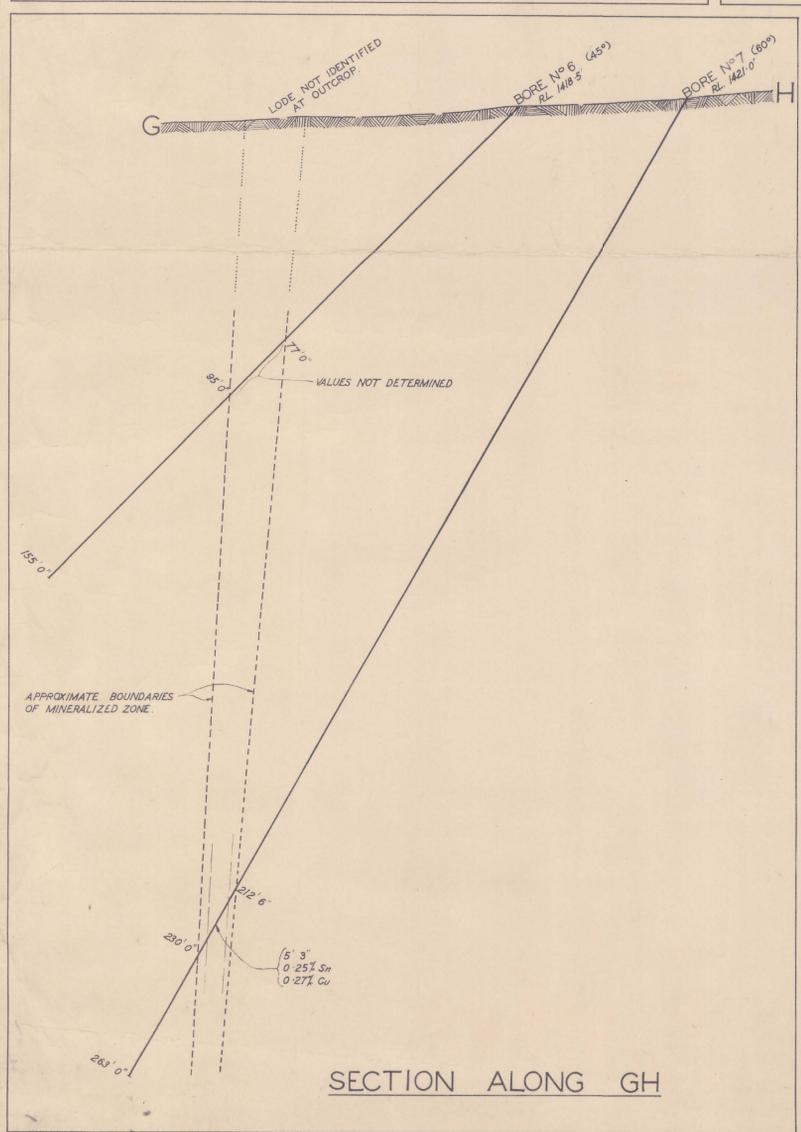
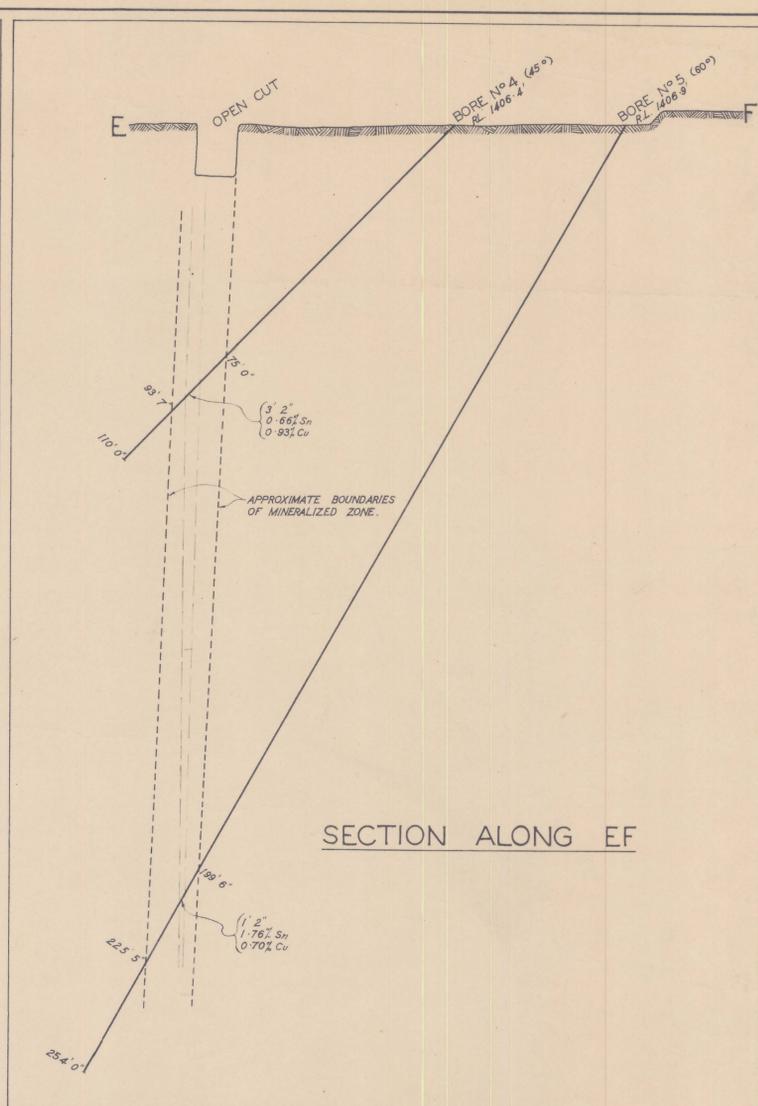
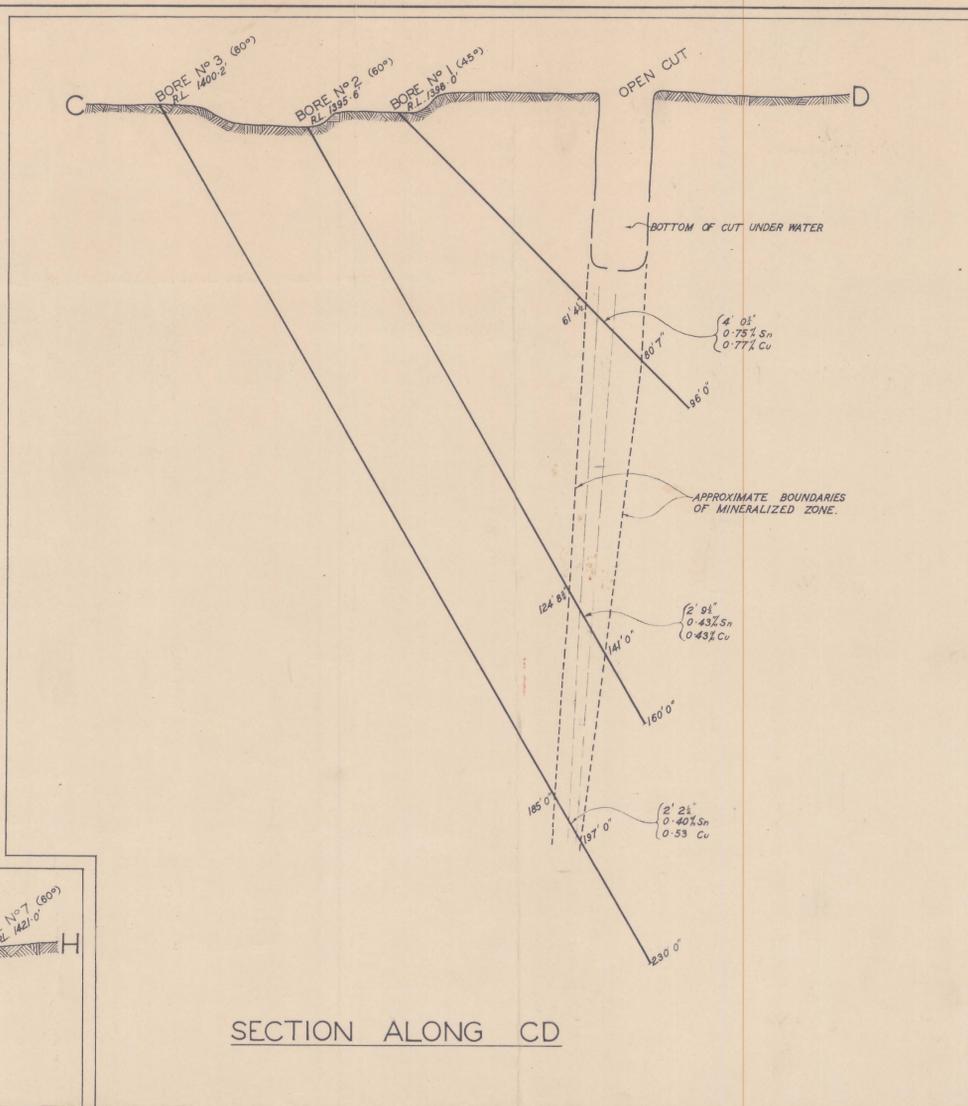
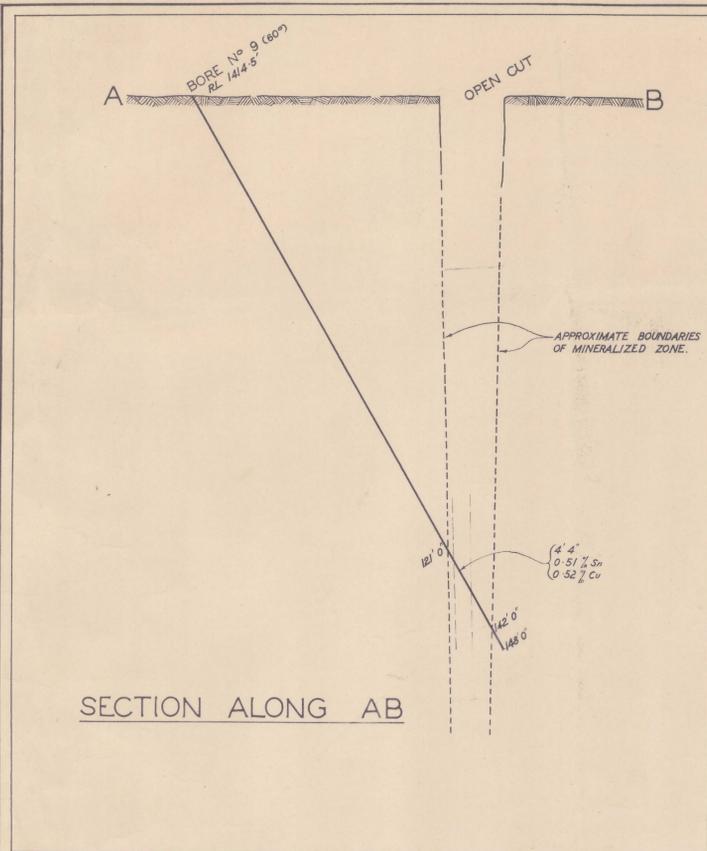
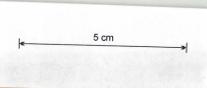
F.B.

LODE

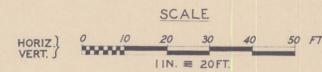
BLUE TIER  
F.B. LODE - DRILLHOLE  
SECTIONS

1:240

MRT 31



SECTIONS OF BORES  
ON  
F.B. LODE  
WELDBOROUGH



N.B. LEVEL DATUM (1400') AT N.W. CORNER 11035. M

LEGEND

- PRINCIPAL LODE CHANNEL
- MINERALIZED ZONE

J. K. Dickinson B.Sc.  
26. 4. 1948

B.T. TUSFIELD WORKINGS THO MAS (1943)

BLUE TIER THOMAS (1943) GENERAL - OLD WORKINGS PLANS + GEOLOGY 1:1200 (+ ornaments)

MRT 32

# BLUE TIER TIN MINES VICINITY OF LOTTAH

D. E. Thomas, D.Sc. Government Geologist  
21 - 5 - 43.

Basalt  
Porphyritic Granite  
Fine Grained (Tin) Granite  
Aplite Dykes

INSET  
SHOWING WORKINGS OF THE F B MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS OF THE MICHAEL MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS AND BORES OF THE AUSTRALIA MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS, SECTIONS, AND BORES OF THE MOON MINE  
SCALE 100 FEET TO 1 INCH

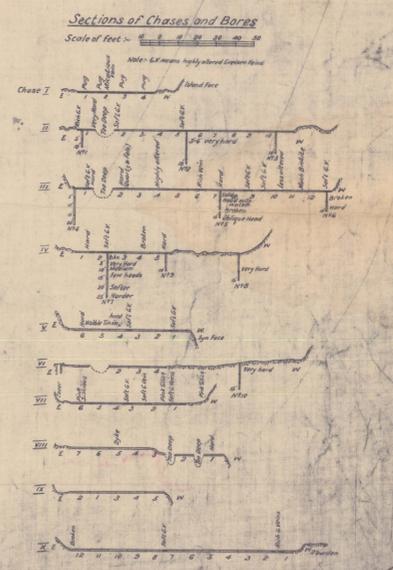
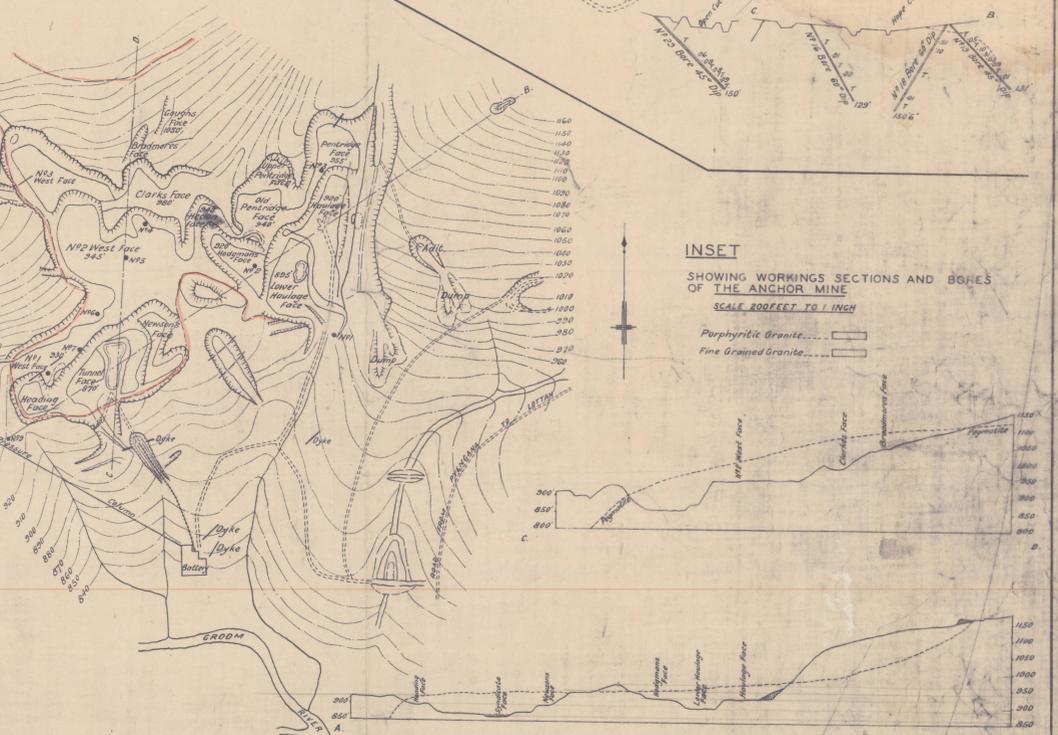
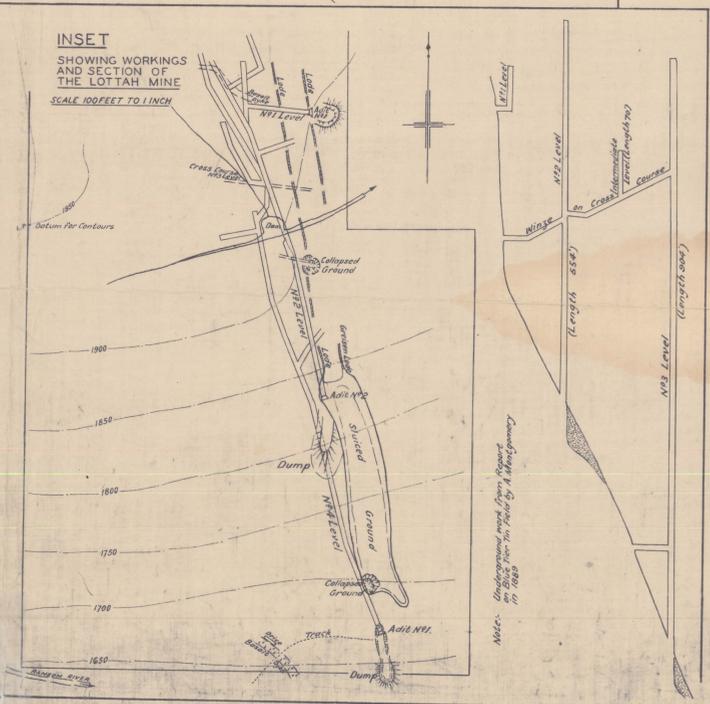
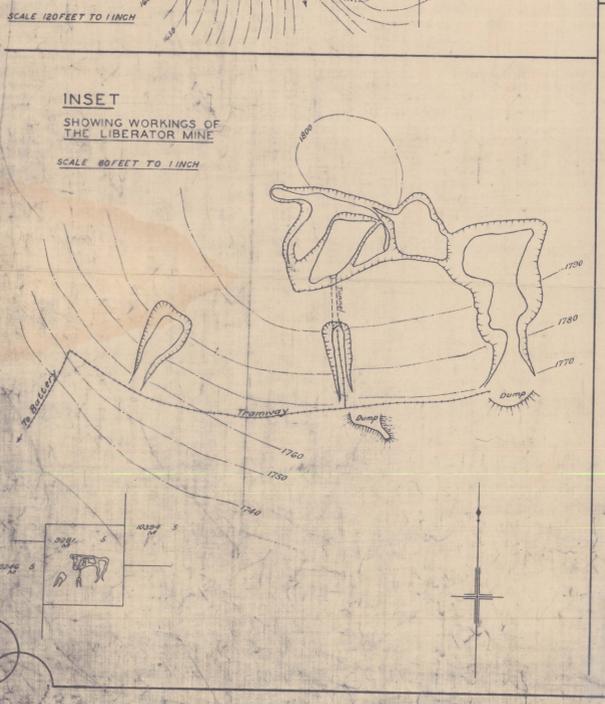
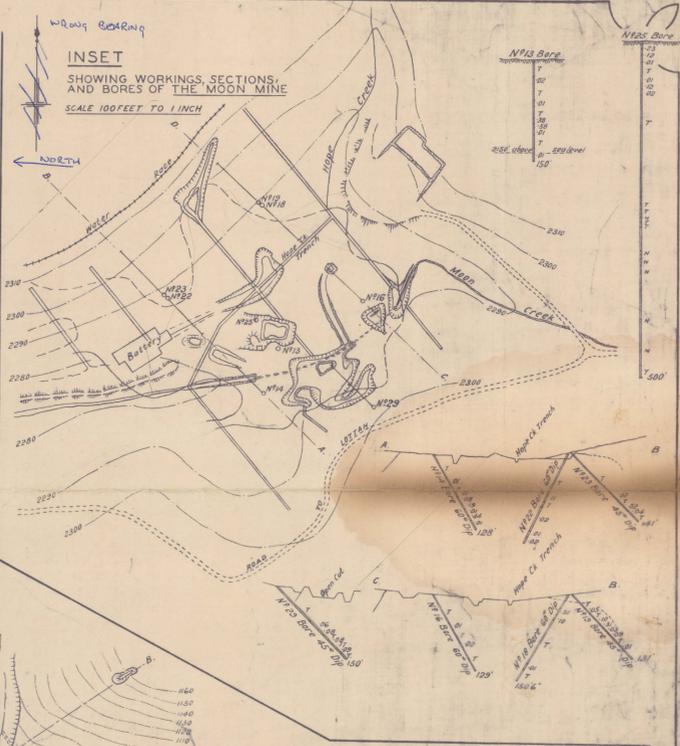
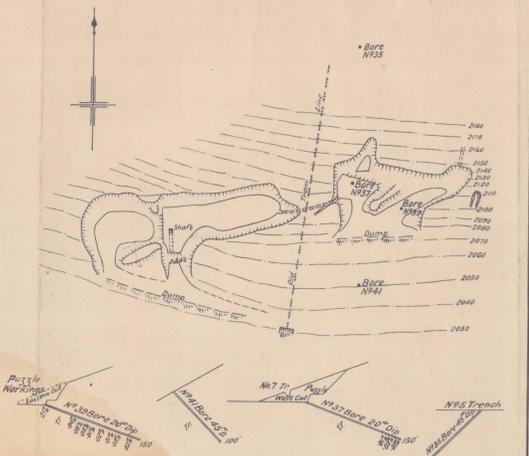
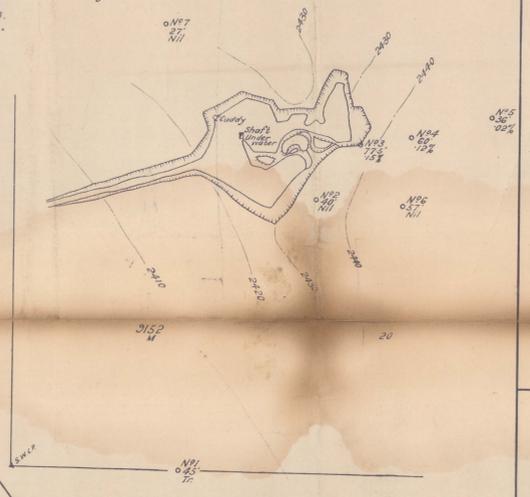
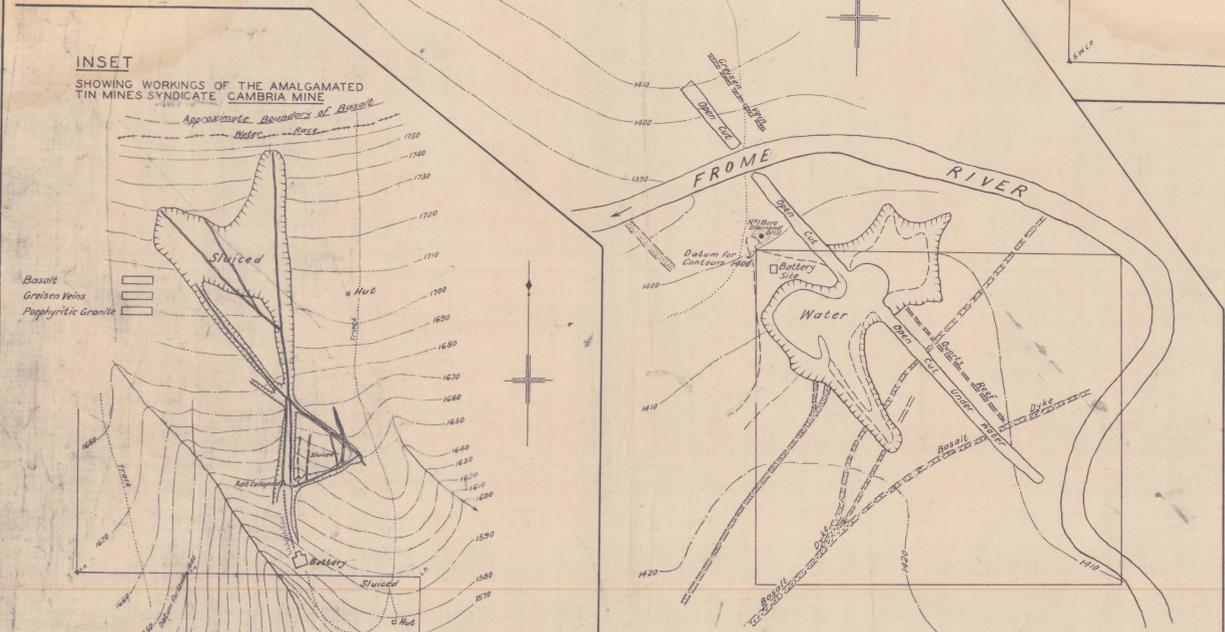
INSET  
SHOWING WORKINGS SECTIONS AND BORES OF THE ANCHOR MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS OF THE AMALGAMATED TIN MINES SYNDICATE CAMBRIA MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS OF THE LIBERATOR MINE  
SCALE 80 FEET TO 1 INCH

INSET  
SHOWING WORKINGS AND SECTION OF THE LOTTAH MINE  
SCALE 100 FEET TO 1 INCH

INSET  
SHOWING WORKINGS AND BORES OF THE DON MINE  
SCALE 100 FEET TO 1 INCH



Note: Underground map from Report on Blue-Tier Tin Field by H. Montgomery 1930