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Quarterly Report To Tasminex N. L.

For the Period

February 4th, 1980 To May 3rd, 1980.

MICROFILMED

Exploration Within E. L. 17/68

And Associated Mining Leases.

OPEN FILE

C. H. Whitehead

for

McIntyre Mines (Australia) Pty. Ltd.

5th May, 1980.

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REGIONAL EXPLORATION OFFICE

30 MARINE TERRACE
BURNIE, TASMANIA

MAILING ADDRESS
P.O. BOX 831
BURNIE, TASMANIA
7320

TELEPHONE - 004 - 31 - 4419
TELEX - 69054 - McMIN

5th May, 1980.

The Chairman,
Tasminex N.L.,
P.O. Box 815,
BURNIE, Tasmania.

Dear Mr. Singline,

Enclosed herewith is the report covering exploration within E.L. 17/68 and the associated mining leases for the period February 4th, 1980 to May 3rd, 1980.

If clarification on any points arising from this work, or additional information is required, these will be provided on your request.

Respectfully,

McINTYRE MINES (AUSTRALIA) PTY. LTD.

Cliff Whitehead

C. H. Whitehead,

Copy to: R. A. Dujardin, Canadian Superior Expl., Ltd., Vancouver.
J. J. Crowhurst, McIntyre Mines Ltd., Calgary.
Mines Department, Hobart.

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INTRODUCTION

Exploration at the Kara Tungsten Property was continued by McIntyre (Australia) Pty. Ltd., under agreement with Tasminex, concerning Exploration Licence 17/68 and associated tenements.

This report covers the quarterly period February 4th, 1980 to May 3rd 1980.

Work centered on the initial surface investigations (access construction, trenching, sampling and geologic mapping) of areas at Kara No. 2, Kara North, Kara South, Kara West (L.9, L.11, L.12) and at Horizontal Creek. A compilation and evaluation of the results of this work was undertaken. The renewal application of Exploration Licence 17/68 for a further six month period was made on the 28th April, 1980, and this was supported by a work programme designed by McIntyre Mines (Australia) Pty. Ltd.

Expenditures on the project for the quarter ending 3rd May, 1980 were \$A23,335.

WORK PERFORMED - RESULTS

Work during the Quarter was focussed on surface investigations at a number of locations surrounding the main tungsten deposit at Kara. These locations included Kara South, the Kara No.2 areas, the area between Kara North and L13, Kara West (L.9, L.11, and L.12) plus those around Horizontal Creek (see attached location map - E.L.17/68.)

These investigations, aimed at ascertaining the possible economic potential of these outlying prospects, consisted initially of bulldozing work clearing access tracks, trenching across potentially mineralised zones, followed by sampling and geologic mapping.

Trench mapping was partially completed at Kara South and the L.9 location, and a total of 111 samples taken for assay (WO_3 and Mo) from trenches at Kara South and Horizontal Creek. At Kara South sampling of an identified zone of oxidised skarn revealed encouraging assays averaging 0.5% WO_3 over a width of 8.6 metres. An additional zone assayed 0.1% WO_3 over 6 metres.

Initial orientation ground magnetic surveys were run at Kara South, the Eastern Ridge, Horizontal Creek and between Kara North and the L.13 location. Preliminary results were successful in more accurately delineating skarn horizons, and further more detailed surveys are justified.

FUTURE PROGRAMME

Exploration of E.L. 17/68 will continue for the coming licence period. Details of this future programme were outlined in McIntyre Mines report (April 30th) to the Mines Department - "Proposed Work Programme E.L.17/68 May 4th 1980 to November 3rd, 1980."

Work will essentially focus on exploration of the Kara No. 2 prospects located 5km east of the Kara No. 1 mining operation. These extensive iron rich skarn zones (North Kara No. 2, and associated east and south zones) will be investigated by detailed geologic, ground magnetic and geochemical surveys.

As the opportunity arises, more detailed examinations (sampling, ground magnetics) of the Kara South skarn will be undertaken.

Cliff Whitehead

C . H. Whitehead.

McIntyre Mines(Australia) Pty. Ltd.

5 th May, 1980.

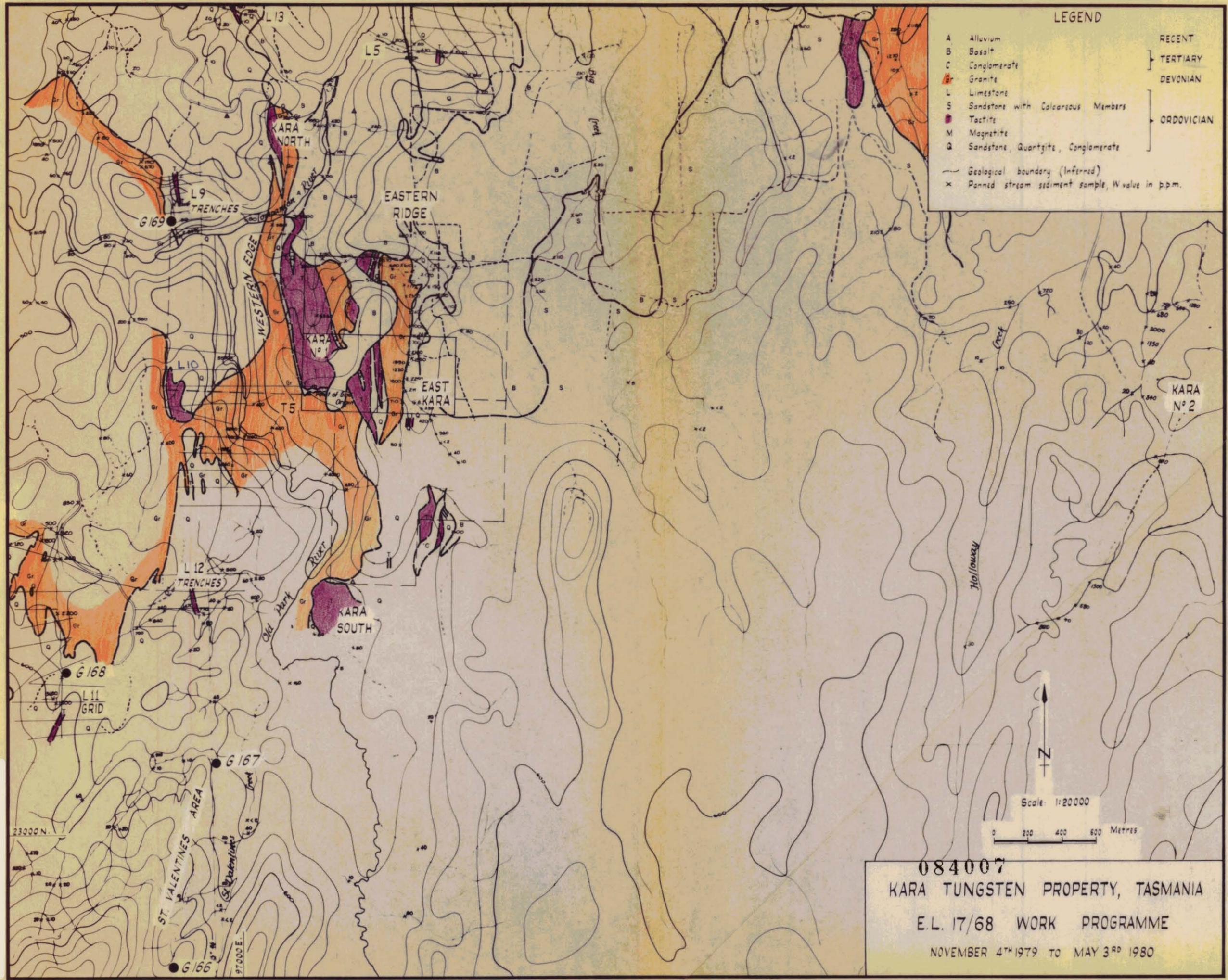
APPENDIX ASTATEMENT OF EXPENDITURE FOR THREE MONTHS TO MAY 3RD, 1980.

Office Expenses	SA 5,754
Accommodation and supplies	4,037
Geology	7,842
Bulldozing	5,300 (768)
Transportation	<u>1,170</u>
	SA23,335
Expenditure previously reported	<u>SA1,489,842</u>
Total to date	<u><u>SA1,513,177</u></u>

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LEGEND

- A Alluvium
 - B Basalt
 - C Conglomerate
 - Gr Granite
 - L Limestone
 - S Sandstone with Calcareous Members
 - T Tactite
 - M Magnetite
 - Q Sandstone, Quartzite, Conglomerate
- Geological boundary (Inferred)
 x Panned stream sediment sample, W value in p.p.m.
- RECENT
 - TERTIARY
 - DEVONIAN
 - ORDOVICIAN



5 cm

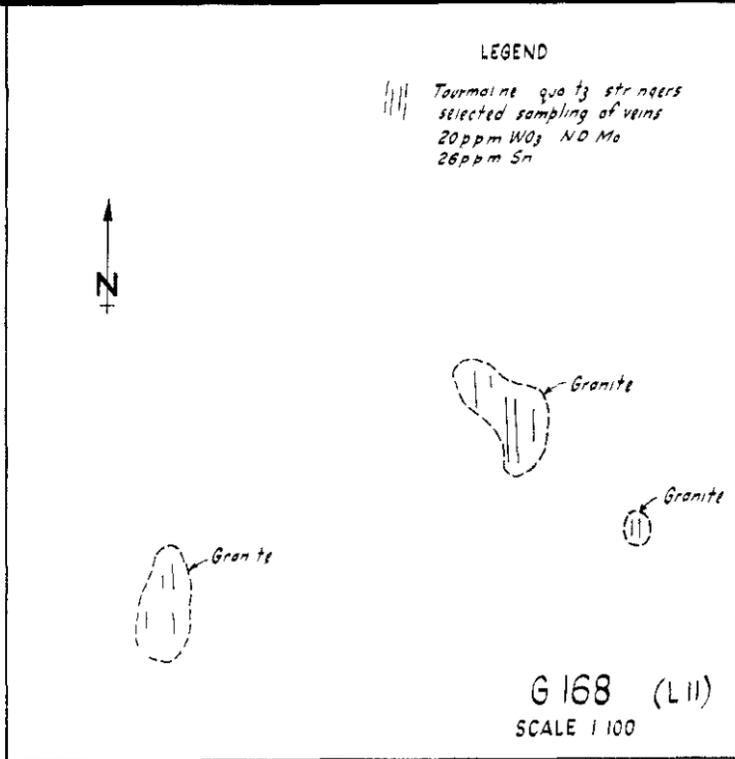
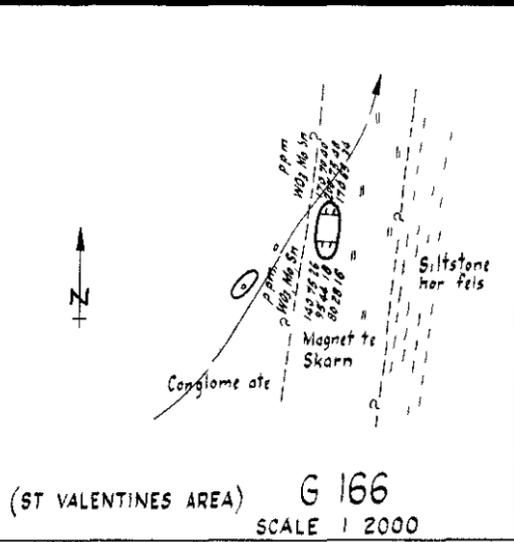
N

Scale 1:20000

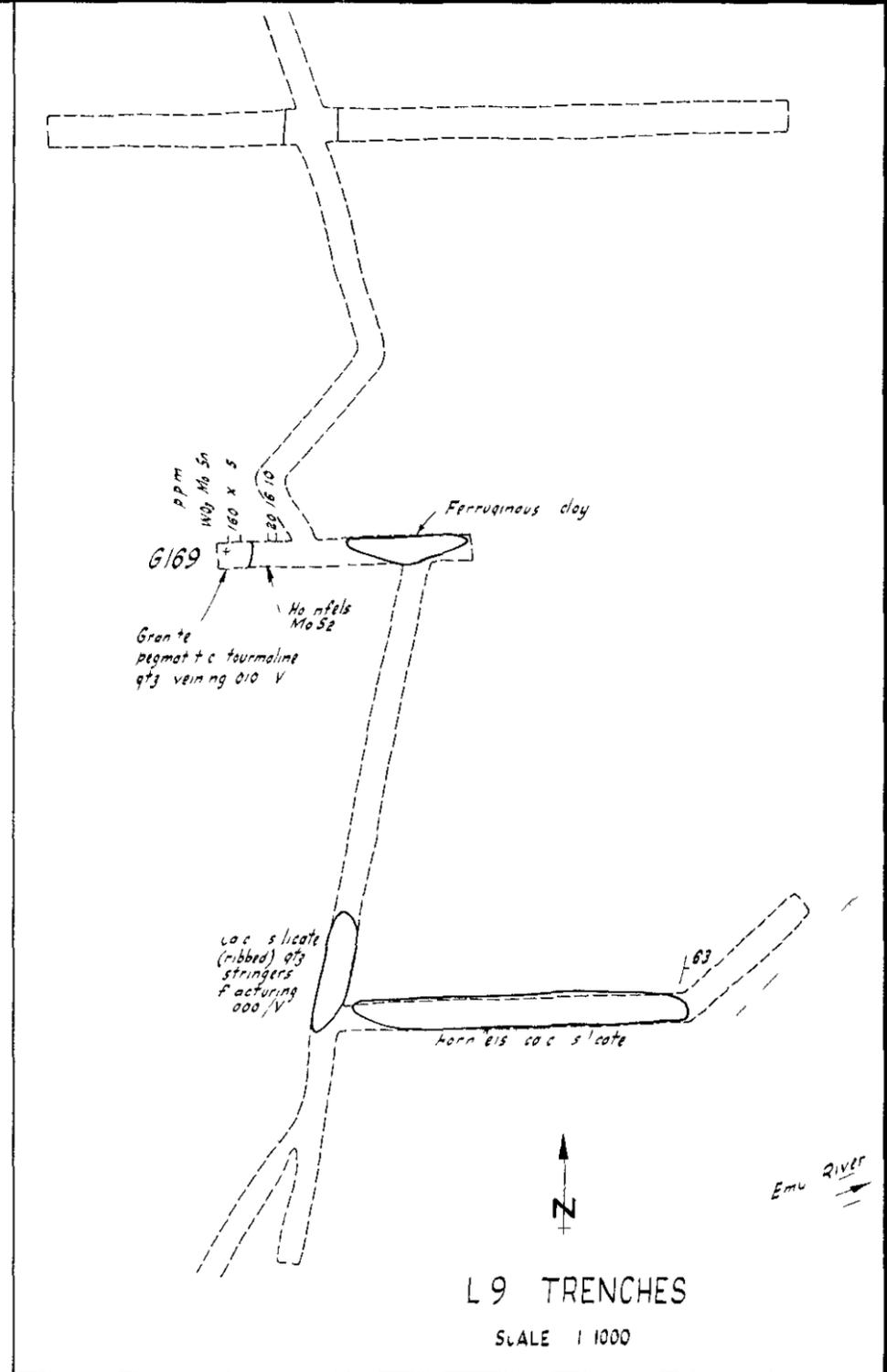
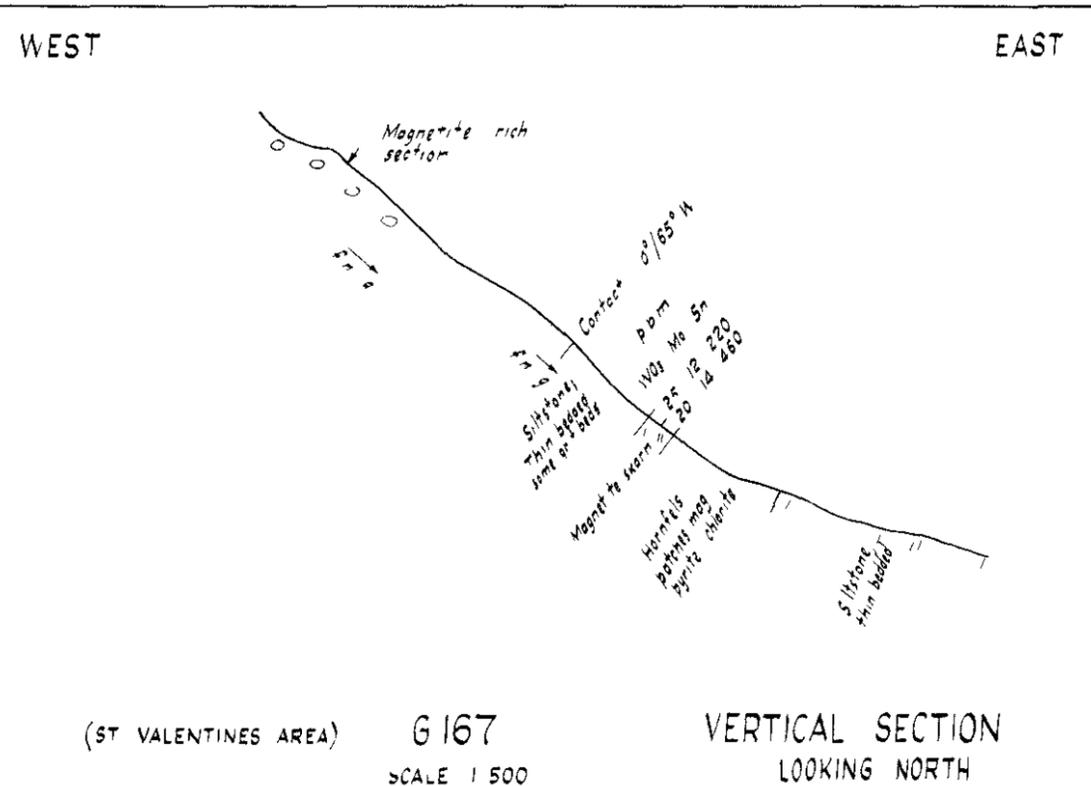
0 200 400 600 Metres

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 KARA TUNGSTEN PROPERTY, TASMANIA
 E.L. 17/68 WORK PROGRAMME
 NOVEMBER 4TH 1979 TO MAY 3RD 1980

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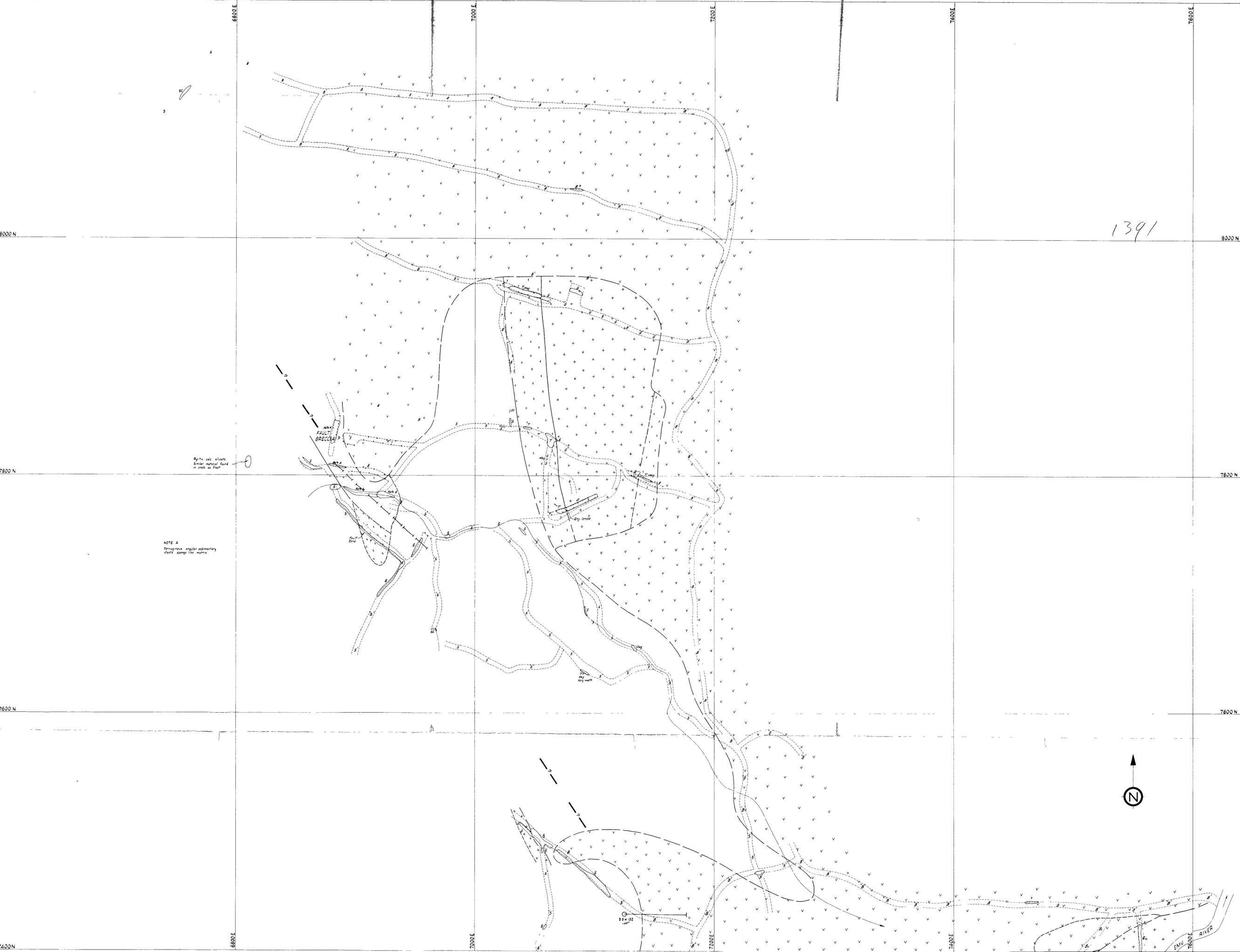


5 cm



084008
EL 17/68 WESTERN REGION
SAMPLING

1391



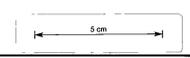
By the cells, slight
 Similar material found
 in creek as first

NOTE A
 Petrographic angular sedimentary
 clasts, suggest river marine

VOLCANIC SEQUENCE
 B basalt, c conglomerate
 SEDIMENTARY ROCK(S)
 N siltstone, c conglomerate
 S sandstone, L limestone
 LIMESTONE UNIT, thick bedded
 THIN BEDDED SEQUENCE siltstone, sandstone, coal conglomerate
 CONGLOMERATE UNIT, massive
 IMMEDIATE ROCK
 S siltstone
 S siltstone, quartzite facies

LEGEND

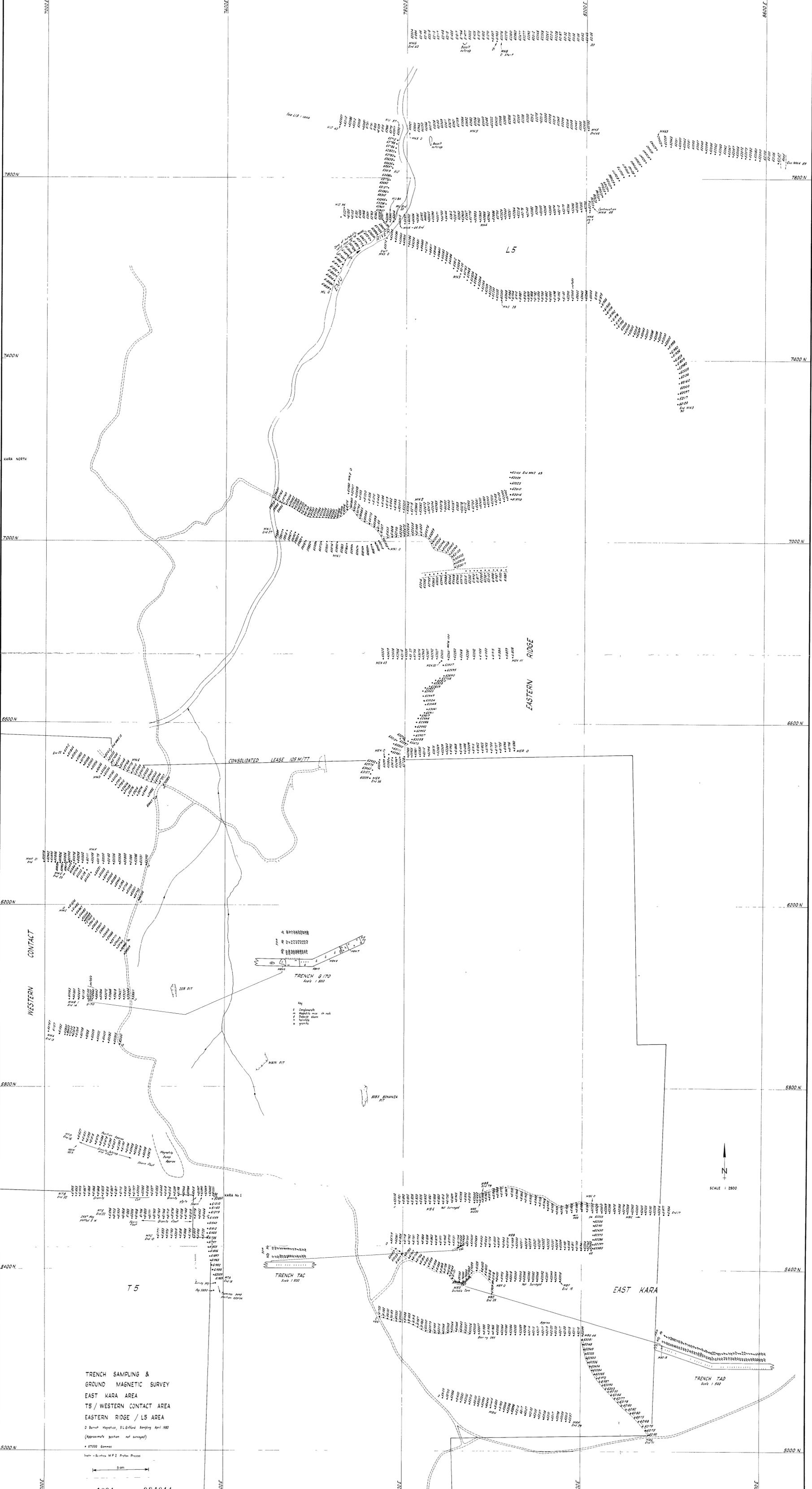
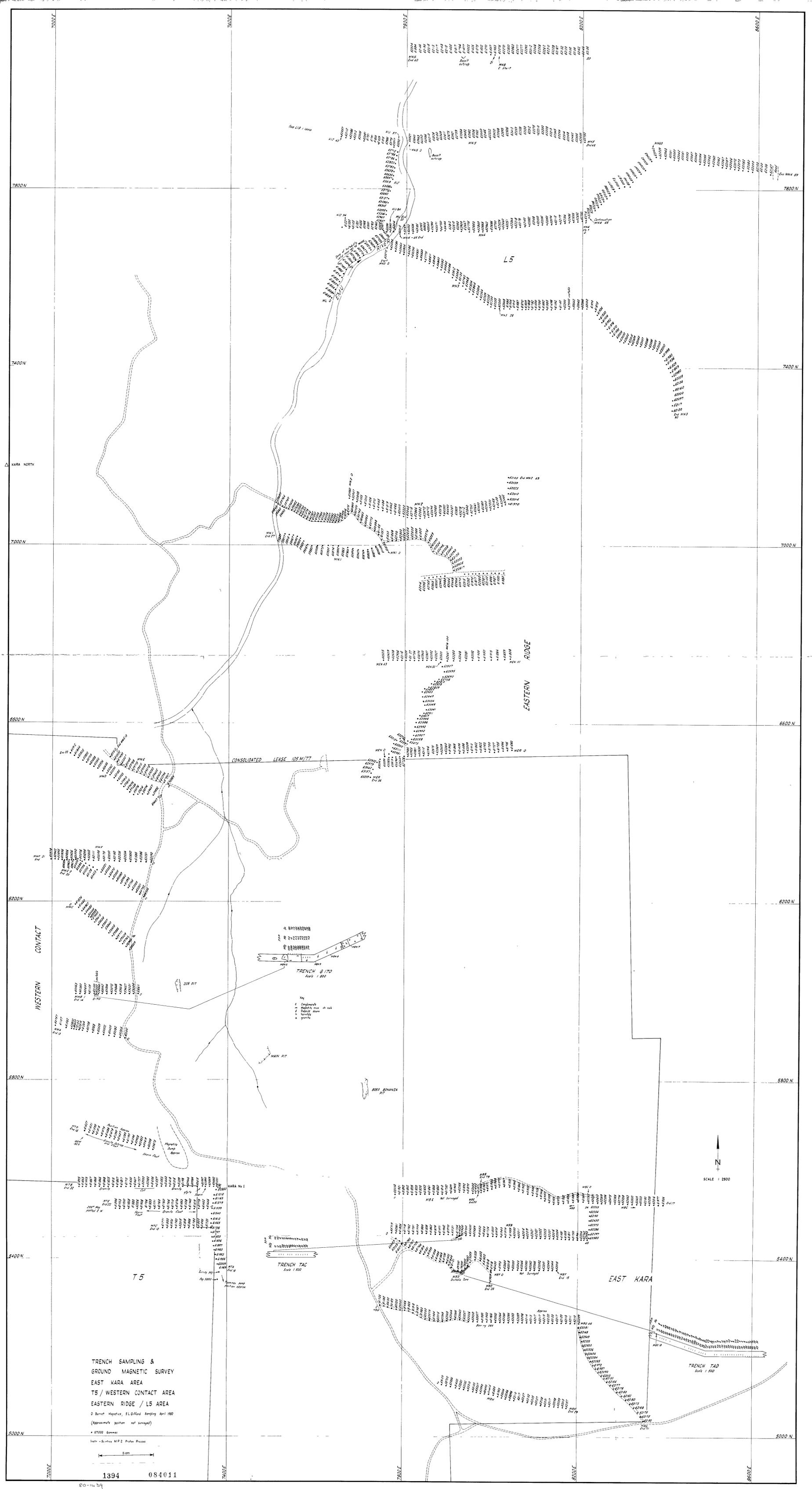
Definite
 Approximate
 Inferred
 Concealed
 Normal
 Overturned
 Approximate
 Inferred
 Axis of Magnetic Anomaly
 Outcrop
 Plat. Soil



M'INTYRE MINES (AUST) PTY LTD
 KARA TUNGSTEN PROJECT, TASMANIA
 KARA NORTH / L 13 084009
 GEOLOGY INTERPRETATION 1391

NO	BY	DATE	DESCRIPTION	DESIGNED	DATE	SCALE	PLAN NO
1	D.B.	Feb 1980	Outcrop geology	DRAWN T.P.D.		1:1000	
2	R.E.S.	Apr 1980	Interpretation	CHECKED		1:1000	

DATE Feb 1980 PROJECT No 21081



TRENCH SAMPLING &
GROUND MAGNETIC SURVEY
EAST KARA AREA
T5 / WESTERN CONTACT AREA
EASTERN RIDGE / L5 AREA

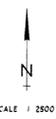
○ Barret Magnetex, SL Gifford Sampling April 1980
(Approximate position not surveyed)

• 67000 Gammex

Instr. - Scintex MP 2 Station Printer

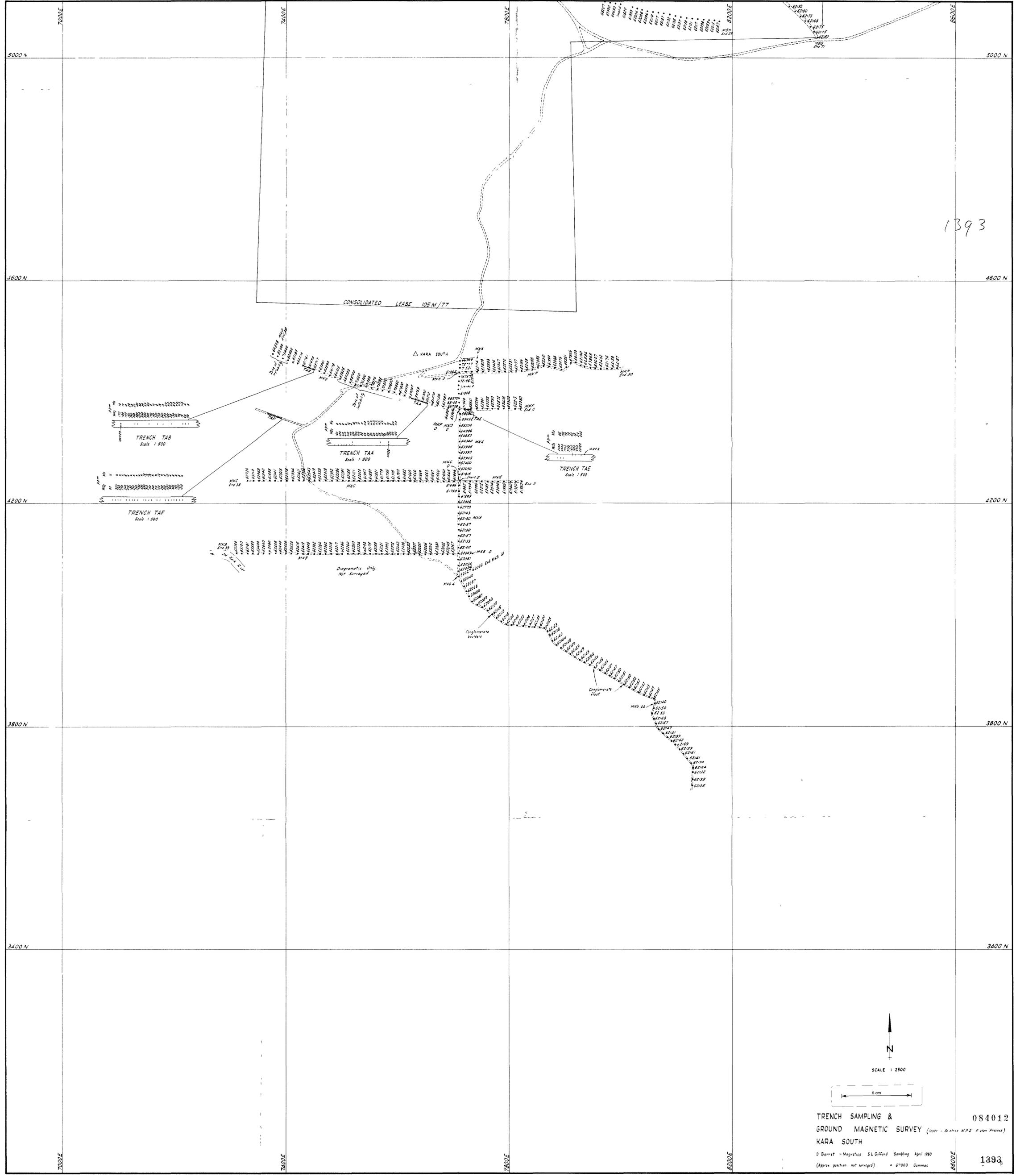
50m

1394 084011

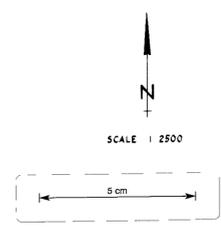


SCALE 1:2500

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TRENCH SAMPLING &
 GROUND MAGNETIC SURVEY (Inter - Section M.P. 2. Plan Process)
 KARA SOUTH
 D Barret - Magnetics SL Gifford Sampling April 1980
 (Approx position not verified) • 27000 Gauss

084012

1393