pm 8/12/89 1

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DEPARTMENT OF MINES & ENERGY

TENNANT CREEK GOLD LTD

KOVACS PROSPECT

ANNUAL REPORT

MCC 636 - 663
MCC 665 - 676
MCC 680 - 687
MLC 647

FINAL REPORT EL 4632

NOVEMBER 1989

CR90/003

A W MACKIE

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SUMMARY

A ground magnetic survey and bedrock geochemistry sampling program were conducted over the KOVACS Prospect.

A number (4) of magnetic anomalies were delineated which require following up ie: detailed ground magnetics and bedrock sampling.

A broad South East trending bedrock geochemical anomaly (15 PPB, Au maximum) was delineated which requires additional close-spaced follow up bedrock sampling.

A spot high of 110 PPB Au, on the eastern boundary of the prospect requires additional follow up bedrock sampling also.

/

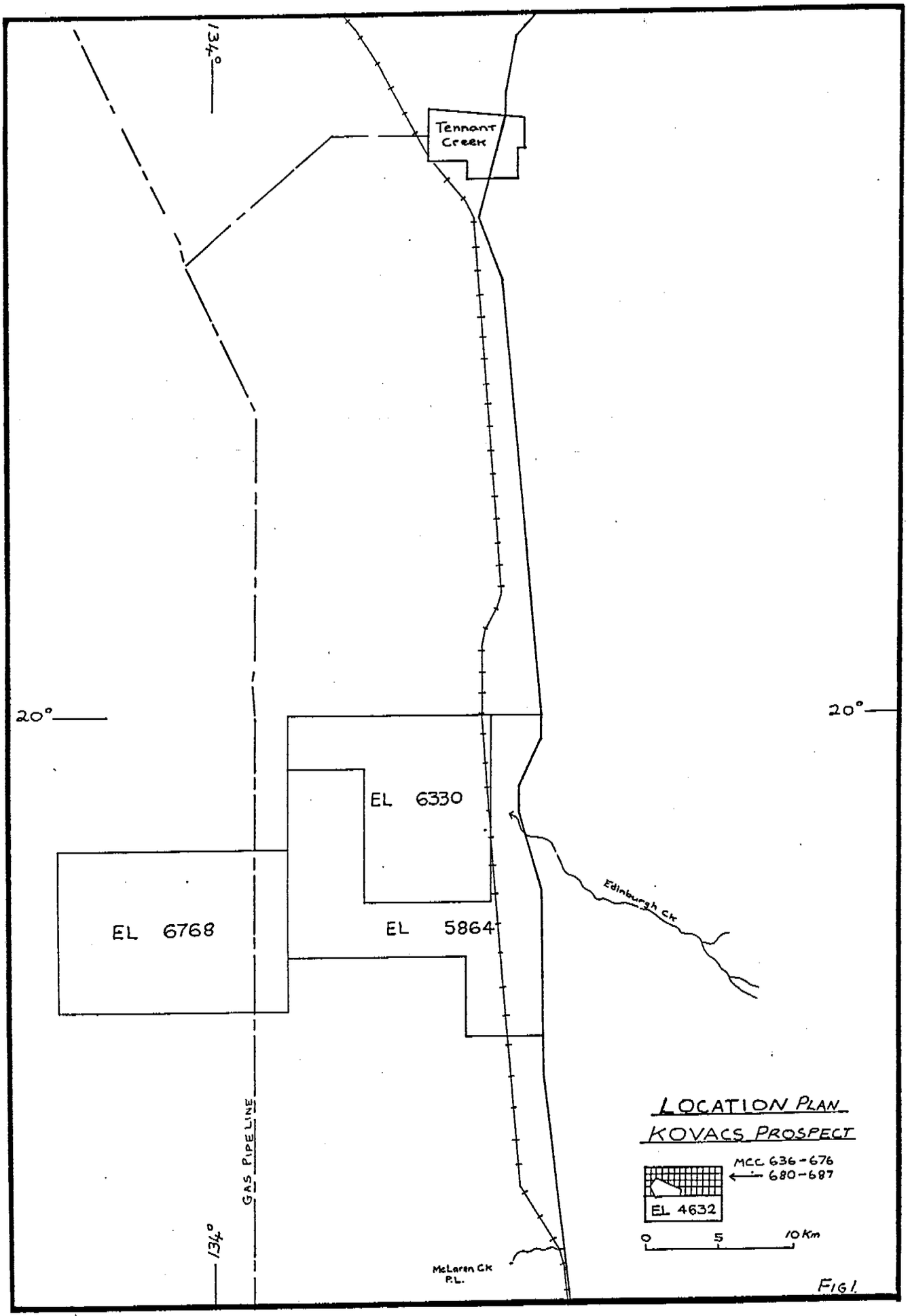

134°
Tennant Creek
20°
20°
EL 6330
EL 6768
EL 5864
Edinburgh Ck
GAS PIPE LINE
134°
McLaren Ck P.L.
LOCATION PLAN
KOVACS PROSPECT
MCC 636-676
680-687
EL 4632
0
5
10 Km

FIG 1.

1. INTRODUCTION

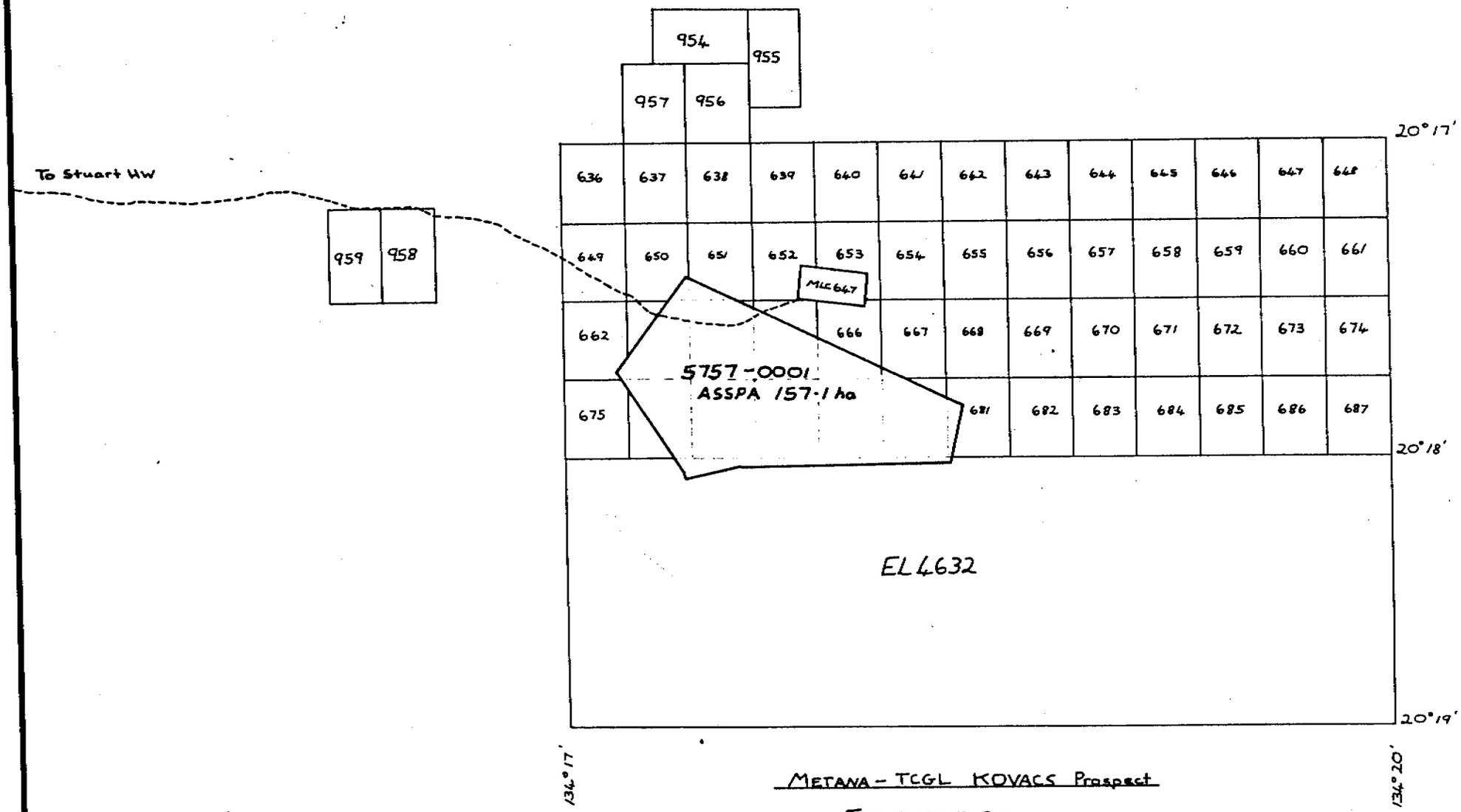
KOVACS Prospect comprising MLC 647, MCC's 636-663, 665-676, 680-687 and EL 4632 is regarded as a project area albeit under three different classifications of titles. From a reporting point of view the above titles shall be collectively referred to as KOVACS Prospect.

Tennant Creek Gold Ltd purchased EL 4632 in June 1987 comprising of 6 blocks. Because of time constraints it was necessary to peg the northern 3 blocks as 52 mineral claims. Upon advertising the MCC's an objection was received from the Central Land Council regarding a sacred site within the area.

After 12 months of inactivity during which time the sacred site was marked out (Figure 2), the Central Land Council withdrew their objection and the titles were granted (November 1988). No exploration was carried out on either the mineral claims or EL 4632 until the sacred site issue was resolved, consequently this report covers the 12 month period beginning November 1988.

2. LOCATION (FIGURE 1)

KOVACS Prospect is located approximately 74km south of Tennant Creek via the Stuart Highway then 10km east along a well-formed track to the prospect area.



METANA – TCGL KOVACS Prospect

TENEMENT PLAN

MCC 954 – 959 advertised 23·9·88

Area 119·2 ha

0 1 Km

FIG 2.

3. GEOLOGICAL SETTING

'KOVACS' Prospect itself is a series of gougings confined to MLC 647. It is a shear-controlled, chert-hosted stockwork of auriferous quartz /sulfide stringers and veinlets within a doleritic sequence.

These rocks along with fine grain siliceous tuffs, felsic pyroclastics found cropping out in the general area are Early Proterozioc Warramunga Group rocks albeit higher in the sequence than the Caraman Formation - hosted gold deposits found in the Tennant Creek area.

The project area is close to the edge of the Warramunga basin while the southern part, (EL 4632) is intruded by granite (the magnetic contrast between Warramunga Group rocks and the overlying Hatches Creek Group sediments is quite marked as illustrated by the regional BMR airborne magnetic survey).

EL 4632 is magnetically quiet indicating a non-magnetic rock type such as granite. This was subsequently confirmed during the bedrock geochemistry sampling program thus down-grading the areas prospectivity considerably.

4. EXPLORATION PROGRAM

4.1 Photogeological Interpretation (Figure 3)

The exposed rocks of the KOVACS area are dominantly felsic to intermediate volcanoclastics. Previous drilling in the vicinity of KOVACS pit indicates that some doleritic intrusives are also present. A north-south trending fault has been mapped cross-cutting the unconformity between the Hatches Creek Group Rocks and the Warramunga Group to the east of the licence area. A number of semi-parallel photolineaments can be identified in the KOVACS pit area which extends southward into the licence area. A further well developed conjugate fault set (or fractures) are also present. These have approximate North West and North East trends, the former of which constitutes a possible major shear zone which passes into the licence area.

The surface area of EL 4632 IS 100% soil covered. Interpretation of the regional magnetics and gravity would indicate the area is underlain by a dislocated granite intrusion.

4.2 Ground Magnetic Survey (Figures 4 & 5)

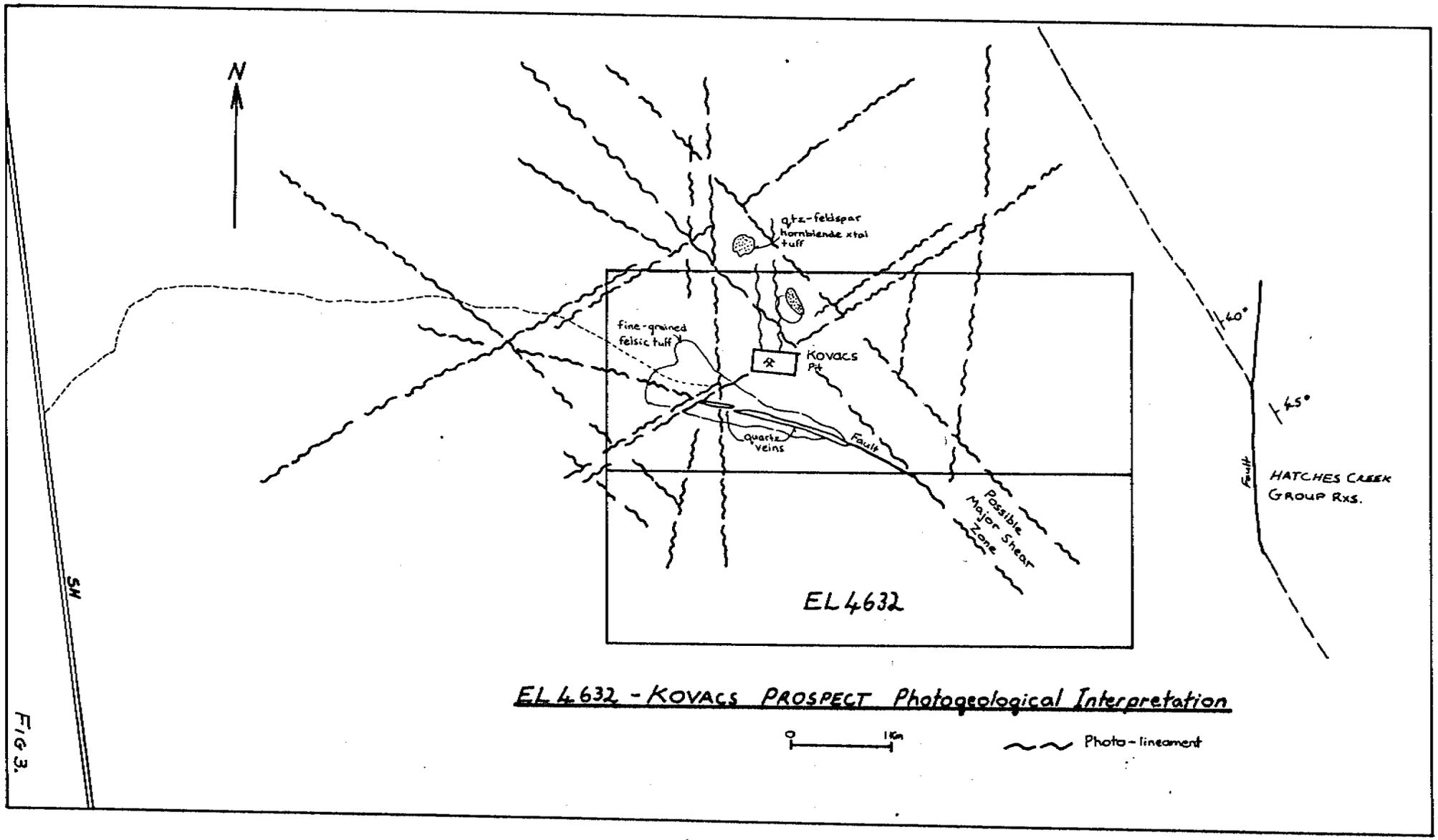
A ground magnetic survey was conducted over the area under mineral claim.

North South traverses 200 metres apart with stations every 20m. Figure 4 is a magnetic contour map, Figure 5 is stacked magnetic traverse profiles.

A total of 25 traverses were undertaken totalling 2500 data points.

RESULTS

A number of anomalies were delineated (4) which require following up with detailed magnetic surveys and bedrock geochemistry sampling.



EL 4632 - KOVACS PROSPECT Photogeological Interpretation

FIG 3.

4.3 Bedrock Geochemistry Sampling Program (Figure 6)

The sampling program was conducted with the aid of a vacuum drill rig mounted on a Nissan Patrol Utility. The regolith was quite deep in places (up to 10m) and generally very clayey.

Only the first metre of weathered bedrock was assayed which was generally attained between 2 - 3 metres.

A total of 783 metres were drilled, 306 samples submitted for analysis (see results in appendix).

North South traverses were conducted over 400 metre intervals with a drill hole every 80 metres (400 x 80).

RESULTS

A broad geochemical anomaly was delineated trending South East away from the KOVACS pit.

A maximum of 15 PPB, gold was attained. This anomalous zone is about 500 metres long by 300 metres wide and requires more detailed follow up drilling to bedrock.

There is a spot high of 110 PPB on the eastern boundary which also requires following up.

See Appendix for tabulated results.

5. EXPENDITURE METANA

	McLaren Creek
Advertising:	$16.62
Legal Fees & Stamp Duty:	$1.34
Pegging Costs:	
Tenement Fees, Rents & Rates:	$5,369.96
Vendor Payments:	
Head Office Costs:	
Insurance:	$44.59
Labour Staff Management:	$841.57
Maps, Plans, Searches & Books:	$138.02
Telephone:	$62.92
Hire:	$772.60
Operating Costs:	$1,301.87
Repairs & Maintenance:	$660.66
Accomodation, Hotels & Meals:	$107.48
Freight & Cartage:	$1,097.17
Stores & Consumables:	$1,240.66
Travelling Expenses:	$1,664.02
Aerial Photography:	$242.30
Drilling Bedrock:	$5,955.23
Drilling Non-Core:	
Drafting & Computing:	$369.64
Field Materials:	$1,034.19
Geological Services Field:	$6,825.533
Geological Services Office:	$539.99
Geophysical Survey &Interpretation:	$2,466.58
Gridding:	$741.50
Labour Operating:	$4,592.87
Petrology & Mineralogy:	
Report Preparation:	$30.75
Sample Analysis & Preperation:	$3,371.26
Sub Total	$39,489.32
Plus 12% Administration Charges	$4,738.72
TOTAL	$44,228.04

McLaren Creek EL

Advertising:	
Legal Fees & Stamp Duty:	
Pegging Costs:	
Tenement Fees,	$120.00
Rents & Rates:	
Vendor Payments:	
Head Office Costs:	
Insurance:	$2.73
Labour Staff	$58.80
Management:	
Maps, Plans,	$13.85
Searches & Books:	
Telephone:	$38.00
Hire:	$500.69
Operating Costs:	$70.30
Repairs &	$126.41
Maintenance:	
Accomodation,	$301.16
Hotels & Meals:	
Freight & Cartage:	$63.21
Stores &	$111.86
Consumables:	
Travelling	$54.76
Expenses:	
Aerial Photography:	
Drilling Bedrock:	
Drilling Non-Core:	
Drafting &	$24.06
Computing:	
Field Materials:	$167.68
Geological Services	$834.77
Field:	
Geological Services	
Office:	
Geophysical Survey &Interpretation:	
Gridding:	
Labour Operating:	$88.03
Petrology &	
Mineralogy:	
Report Preparation:	$2.71
Sample Analysis &	$36.77
Preperation:	
Sub Total	$2,615.79
Plus 12% Administration Charges	$313.89
TOTAL	$2,929.68

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	1720.00	5800.00	0	
	PMCV	1800.00	5800.00	0	
	PMCV	1880.00	5800.00	0	
	PMCV	1960.00	5800.00	0	
	PMCV	2040.00	5800.00	0	
	PMCV	2120.00	5800.00	0	
	PMCV	2200.00	5800.00	2	
	PMCV	2280.00	5800.00	0	
	PMCV	2360.00	5800.00	0	
	PMCV	2440.00	5800.00	0	
	PMCV	2520.00	5800.00	3	
	PMCV	2600.00	5800.00	1	
	PMCV	2680.00	5800.00	0	
	PMCV	2760.00	5800.00	0	
	PMCV	2840.00	5800.00	0	
	PMCV	2920.00	5800.00	0	
	PMCV	3000.00	5800.00	0	
	PMCV	1000.00	6200.00	0	
	PMCV	1080.00	6200.00	0	
	PMCV	1160.00	6200.00	0	
	PMCV	1240.00	6200.00	0	
	PMCV	1320.00	6200.00	0	
	PMCV	1400.00	6200.00	0	
	PMCV	1480.00	6200.00	0	
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	PMCV	1880.00	6200.00	0	
	PMCV	1960.00	6200.00	0	
	PMCV	2040.00	6200.00	0	
	PMCV	2120.00	6200.00	0	
	PMCV	2200.00	6200.00	3	
	PMCV	2280.00	6200.00	0	
	PMCV	2360.00	6200.00	1	
	PMCV	2440.00	6200.00	1	
	PMCV	2520.00	6200.00	0	
	PMCV	2600.00	6200.00	0	
	PMCV	2680.00	6200.00		NL
	PMCV	2760.00	6200.00		NL
	PMCV	2840.00	6200.00		NL
	PMCV	2920.00	6200.00		NL
	PMCV	3000.00	6200.00		NL

NUMBER OF SAMPLES REPORTED : 365

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
ELEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	2200.00	5000.00	0	
	PMCV	2280.00	5000.00	1	
	PMCV	2360.00	5000.00	0	
	PMCV	2440.00	5000.00	0	
	PMCV	2520.00	5000.00	0	
	PMCV	2600.00	5000.00	0	
	PMCV	2680.00	5000.00	0	
	PMCV	2760.00	5000.00	1	
	PMCV	2840.00	5000.00	0	
	PMCV	2920.00	5000.00	0	
	PMCV	3000.00	5000.00	0	
	PMCV	1000.00	5400.00	1	
	PMCV	1080.00	5400.00	1	
	PMCV	1160.00	5400.00	0	
	PMCV	1240.00	5400.00	1	
	PMCV	1320.00	5400.00	1	
	PMCV	1400.00	5400.00	1	
	PMCV	1480.00	5400.00	0	
	PMCV	1560.00	5400.00	1	
	PMCV	1640.00	5400.00	0	
	PMCV	1720.00	5400.00	1	
	PMCV	1800.00	5400.00	0	
	PMCV	1880.00	5400.00	0	
	PMCV	1960.00	5400.00	0	
	PMCV	2040.00	5400.00	0	
	PMCV	2120.00	5400.00	1	
	PMCV	2200.00	5400.00	1	
	PMCV	2280.00	5400.00	0	
	PMCV	2360.00	5400.00	0	
	PMCV	2440.00	5400.00	3	
	PMCV	2520.00	5400.00	1	
	PMCV	2600.00	5400.00	0	
	PMCV	2680.00	5400.00	1	
	PMCV	2760.00	5400.00	0	
	PMCV	2840.00	5400.00	0	
	PMCV	2920.00	5400.00	0	
	PMCV	3000.00	5400.00	0	
	PMCV	1000.00	5800.00	0	
	PMCV	1080.00	5800.00	3	
	PMCV	1160.00	5800.00	0	
	PMCV	1240.00	5800.00	1	
	PMCV	1320.00	5800.00	1	
	PMCV	1400.00	5800.00	0	
	PMCV	1480.00	5800.00	0	
	PMCV	1560.00	5800.00	0	
	PMCV	1640.00	5800.00	0	

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	1080.00	3800.00	1	
	PMCV	1160.00	3800.00	1	
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	PMCV	1400.00	3800.00	1	
	PMCV	1480.00	3800.00	2	
	PMCV	1560.00	3800.00	2	
	PMCV	1640.00	3800.00	0	
	PMCV	1720.00	3800.00	0	
	PMCV	1800.00	3800.00	0	
	PMCV	1880.00	3800.00	0	
	PMCV	1960.00	3800.00	0	
	PMCV	2040.00	3800.00	1	
	PMCV	2120.00	3800.00	1	
	PMCV	2200.00	3800.00	0	
	PMCV	2280.00	3800.00	0	
	PMCV	2360.00	3800.00	0	
	PMCV	2440.00	3800.00	0	
	PMCV	2520.00	3800.00	0	
	PMCV	2600.00	3800.00	0	
	PMCV	2680.00	3800.00	0	
	PMCV	2760.00	3800.00	0	
	PMCV	2840.00	3800.00	0	
	PMCV	2920.00	3800.00	0	
	PMCV	3000.00	3800.00	0	
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	PMCV	1160.00	4200.00	1	
	PMCV	1240.00	4200.00	1	
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	PMCV	1400.00	4200.00	0	
	PMCV	1480.00	4200.00	0	
	PMCV	1560.00	4200.00	1	
	PMCV	1640.00	4200.00	0	
	PMCV	1720.00	4200.00	0	
	PMCV	1800.00	4200.00	1	
	PMCV	1880.00	4200.00	1	
	PMCV	1960.00	4200.00	2	
	PMCV	2040.00	4200.00	0	
	PMCV	2120.00	4200.00	0	
	PMCV	2200.00	4200.00	0	
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	PMCV	2360.00	4200.00	0	
	PMCV	2440.00	4200.00	0	
	PMCV	2520.00	4200.00	0	
	PMCV	2600.00	4200.00	0	

16

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
ELEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
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	PMCV	1880.00	3000.00	5	
	PMCV	1960.00	3000.00	15	
	PMCV	2040.00	3000.00	4	
	PMCV	2120.00	3000.00	5	
	PMCV	2200.00	3000.00	2	
	PMCV	2280.00	3000.00	0	
	PMCV	2360.00	3000.00	1	
	PMCV	2440.00	3000.00	0	
	PMCV	2520.00	3000.00	0	
	PMCV	2600.00	3000.00	0	
	PMCV	2680.00	3000.00	1	
	PMCV	2760.00	3000.00	0	
	PMCV	2840.00	3000.00	0	
	PMCV	2920.00	3000.00	1	
	PMCV	3000.00	3000.00	0	
	PMCV	1000.00	3400.00		NL
	PMCV	1080.00	3400.00		NL
	PMCV	1160.00	3400.00		NL
	PMCV	1240.00	3400.00		NL
	PMCV	1320.00	3400.00		NL
	PMCV	1400.00	3400.00	0	
	PMCV	1480.00	3400.00	0	
	PMCV	1560.00	3400.00	0	
	PMCV	1640.00	3400.00	2	
	PMCV	1720.00	3400.00	4	
	PMCV	1800.00	3400.00	4	
	PMCV	1880.00	3400.00	2	
	PMCV	1960.00	3400.00	0	
	PMCV	2040.00	3400.00	0	
	PMCV	2120.00	3400.00	1	
	PMCV	2200.00	3400.00	0	
	PMCV	2280.00	3400.00	0	
	PMCV	2360.00	3400.00	0	
	PMCV	2440.00	3400.00	1	
	PMCV	2520.00	3400.00	0	
	PMCV	2600.00	3400.00	0	
	PMCV	2680.00	3400.00	1	
	PMCV	2760.00	3400.00	0	
	PMCV	2840.00	3400.00	0	
	PMCV	2920.00	3400.00	1	
	PMCV	3000.00	3400.00	0	
	PMCV	1000.00	3800.00	0	

17

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	2120.00	2200.00	0	
	PMCV	2200.00	2200.00	0	
	PMCV	2280.00	2200.00	0	
	PMCV	2360.00	2200.00	0	
	PMCV	2440.00	2200.00	0	
	PMCV	2520.00	2200.00	0	
	PMCV	2600.00	2200.00	0	
	PMCV	2680.00	2200.00	0	
	PMCV	2760.00	2200.00	0	
	PMCV	2840.00	2200.00	0	
	PMCV	2920.00	2200.00	0	
	PMCV	3000.00	2200.00	0	
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	PMCV	1080.00	2600.00		NL
	PMCV	1160.00	2600.00		NL
	PMCV	1240.00	2600.00		NL
	PMCV	1320.00	2600.00		NL
	PMCV	1400.00	2600.00		NL
	PMCV	1480.00	2600.00		NL
	PMCV	1560.00	2600.00		NL
	PMCV	1640.00	2600.00		NL
	PMCV	1720.00	2600.00		NL
	PMCV	1800.00	2600.00	0	
	PMCV	1880.00	2600.00	0	
	PMCV	1960.00	2600.00	0	
	PMCV	2040.00	2600.00	0	
	PMCV	2120.00	2600.00	0	
	PMCV	2200.00	2600.00	0	
	PMCV	2280.00	2600.00	0	
	PMCV	2360.00	2600.00	0	
	PMCV	2440.00	2600.00	0	
	PMCV	2520.00	2600.00	0	
	PMCV	2600.00	2600.00	0	
	PMCV	2680.00	2600.00	1	
	PMCV	2760.00	2600.00	0	
	PMCV	2840.00	2600.00	0	
	PMCV	2920.00	2600.00	0	
	PMCV	3000.00	2600.00	0	
	PMCV	1000.00	3000.00		NL
	PMCV	1080.00	3000.00		NL
	PMCV	1160.00	3000.00		NL
	PMCV	1240.00	3000.00		NL
	PMCV	1320.00	3000.00		NL
	PMCV	1400.00	3000.00		NL
	PMCV	1480.00	3000.00		NL
	PMCV	1560.00	3000.00		NL

18

REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	2600.00	1400.00	0	
	PMCV	2680.00	1400.00	1	
	PMCV	2760.00	1400.00	1	
	PMCV	2840.00	1400.00	0	
	PMCV	2920.00	1400.00	0	
	PMCV	3000.00	1400.00	0	
	PMCV	1000.00	1800.00		NL
	PMCV	1080.00	1800.00		NL
	PMCV	1160.00	1800.00		NL
	PMCV	1240.00	1800.00		NL
	PMCV	1320.00	1800.00		NL
	PMCV	1400.00	1800.00		NL
	PMCV	1480.00	1800.00		NL
	PMCV	1560.00	1800.00		NL
	PMCV	1640.00	1800.00		NL
	PMCV	1720.00	1800.00		NL
	PMCV	1800.00	1800.00		NL
	PMCV	1880.00	1800.00		NL
	PMCV	1960.00	1800.00		NL
	PMCV	2040.00	1800.00		NL
	PMCV	2120.00	1800.00		NL
	PMCV	2200.00	1800.00	0	
	PMCV	2280.00	1800.00	0	
	PMCV	2360.00	1800.00	1	
	PMCV	2440.00	1800.00	0	
	PMCV	2520.00	1800.00	0	
	PMCV	2600.00	1800.00	1	
	PMCV	2680.00	1800.00	1	
	PMCV	2760.00	1800.00	2	
	PMCV	2840.00	1800.00	1	
	PMCV	2920.00	1800.00	0	
	PMCV	3000.00	1800.00	0	
	PMCV	1000.00	2200.00		NL
	PMCV	1080.00	2200.00		NL
	PMCV	1160.00	2200.00		NL
	PMCV	1240.00	2200.00		NL
	PMCV	1320.00	2200.00		NL
	PMCV	1400.00	2200.00		NL
	PMCV	1480.00	2200.00		NL
	PMCV	1560.00	2200.00		NL
	PMCV	1640.00	2200.00		NL
	PMCV	1720.00	2200.00		NL
	PMCV	1800.00	2200.00		NL
	PMCV	1880.00	2200.00		NL
	PMCV	1960.00	2200.00	0	
	PMCV	2040.00	2200.00	0	

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REPORT FILE J5322

PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	1000.00	1000.00	0	
	PMCV	1080.00	1000.00	0	
	PMCV	1160.00	1000.00	0	
	PMCV	1240.00	1000.00	0	
	PMCV	1320.00	1000.00	0	
	PMCV	1400.00	1000.00	0	
	PMCV	1560.00	1000.00	0	
	PMCV	1640.00	1000.00	0	
	PMCV	1720.00	1000.00	0	
	PMCV	1800.00	1000.00	0	
	PMCV	1880.00	1000.00	0	
	PMCV	1960.00	1000.00	0	
	PMCV	2040.00	1000.00	0	
	PMCV	2120.00	1000.00	0	
	PMCV	2200.00	1000.00	0	
	PMCV	2280.00	1000.00	0	
	PMCV	2360.00	1000.00	0	
	PMCV	2440.00	1000.00	0	
	PMCV	2520.00	1000.00	0	
	PMCV	2600.00	1000.00	0	
	PMCV	2680.00	1000.00	0	
	PMCV	2760.00	1000.00	0	
	PMCV	2840.00	1000.00	0	
	PMCV	2920.00	1000.00	0	
	PMCV	2920.00	1000.00	0	
	PMCV	3000.00	1000.00	0	
	PMCV	1000.00	1400.00	0	
	PMCV	1080.00	1400.00	0	
	PMCV	1160.00	1400.00	0	
	PMCV	1240.00	1400.00	0	
	PMCV	1320.00	1400.00	0	
	PMCV	1400.00	1400.00	0	
	PMCV	1480.00	1400.00	0	
	PMCV	1560.00	1400.00		NL
	PMCV	1640.00	1400.00	0	
	PMCV	1720.00	1400.00	0	
	PMCV	1800.00	1400.00	0	
	PMCV	1880.00	1400.00	0	
	PMCV	1960.00	1400.00	0	
	PMCV	2040.00	1400.00	0	
	PMCV	2120.00	1400.00	0	
	PMCV	2200.00	1400.00	0	
	PMCV	2280.00	1400.00	0	
	PMCV	2360.00	1400.00	0	
	PMCV	2440.00	1400.00	0	
	PMCV	2520.00	1400.00	0	

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REPORT FILE J5322

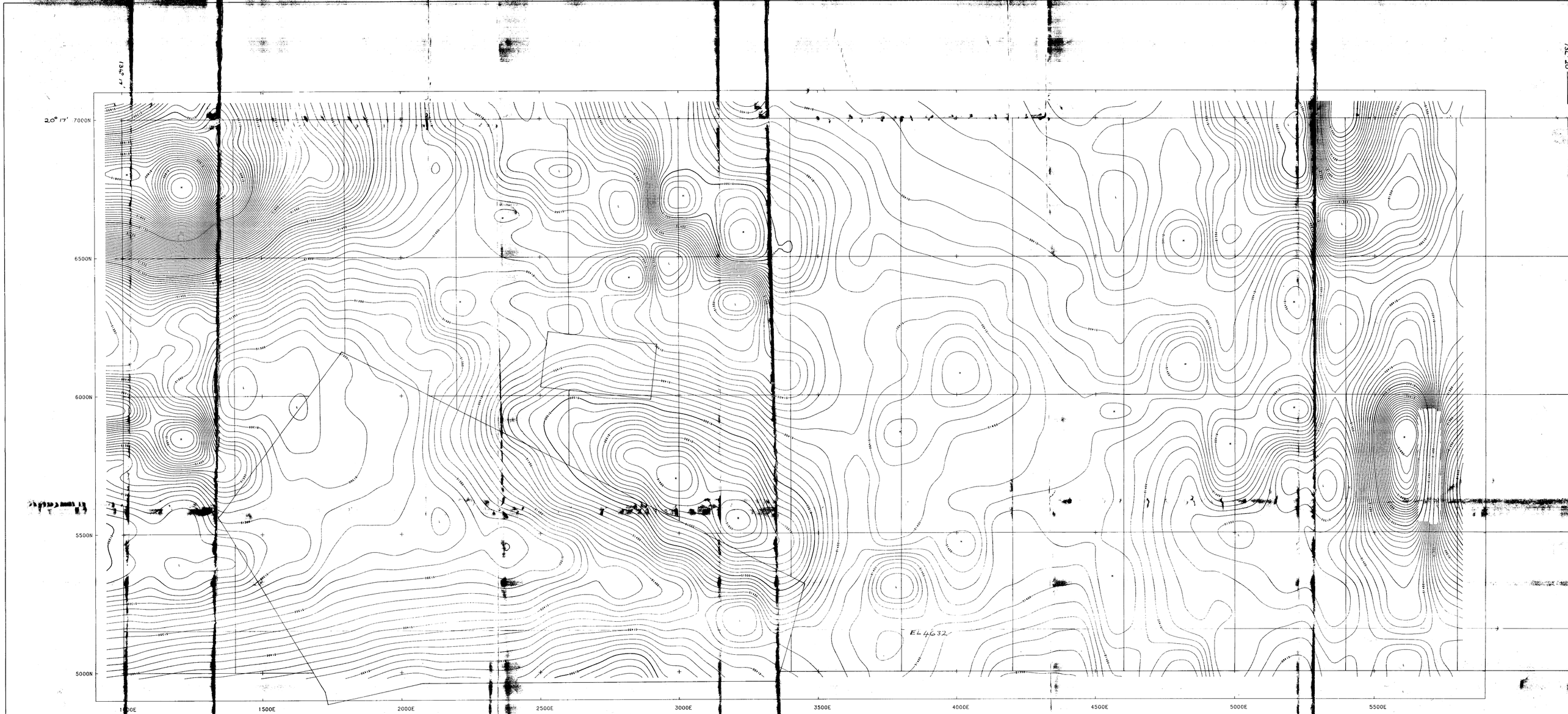
PROJECT : TC
TYPE : V/C

LABORATORY : PERTH
GEOLOGIST : J.PEARSON
PREP. METHOD : P1
ANALYSIS METHOD : AU2
TENEMENTS : PMCV

DATE PRINTED : 06-01-1989
SUBMITTED : 19/12/88
RECEIVED : 28/12/88
STORAGE : WAREHOUSE

TENNANT CREEK, VAC CHIPS

SAMPLE NUMBER	DRILL HOLE	NORTHING	EASTING	AU2 PPB	STATUS
	PMCV	2680.00	4200.00	0	
	PMCV	2760.00	4200.00	0	
	PMCV	2840.00	4200.00	0	
	PMCV	2920.00	4200.00	0	
	PMCV	3000.00	4200.00	0	
	PMCV	1000.00	4600.00	1	
	PMCV	1080.00	4600.00	0	
	PMCV	1160.00	4600.00	0	
	PMCV	1240.00	4600.00	0	
	PMCV	1320.00	4600.00	0	
	PMCV	1400.00	4600.00	0	
	PMCV	1480.00	4600.00	0	
	PMCV	1560.00	4600.00	0	
	PMCV	1640.00	4600.00	0	
	PMCV	1720.00	4600.00	0	
	PMCV	1800.00	4600.00	0	
	PMCV	1880.00	4600.00	0	
	PMCV	1960.00	4600.00	0	
	PMCV	2040.00	4600.00	0	
	PMCV	2120.00	4600.00	0	
	PMCV	2200.00	4600.00	0	
	PMCV	2280.00	4600.00	0	
	PMCV	2360.00	4600.00	0	
	PMCV	2440.00	4600.00	0	
	PMCV	2520.00	4600.00	0	
	PMCV	2600.00	4600.00	0	
	PMCV	2680.00	4600.00	0	
	PMCV	2760.00	4600.00	0	
	PMCV	2840.00	4600.00	0	
	PMCV	2920.00	4600.00	0	
	PMCV	3000.00	4600.00	0	
	PMCV	1000.00	5000.00	0	
	PMCV	1080.00	5000.00	1	
	PMCV	1160.00	5000.00	1	
	PMCV	1240.00	5000.00	1	
	PMCV	1320.00	5000.00	1	
	PMCV	1400.00	5000.00	1	
	PMCV	1480.00	5000.00	1	
	PMCV	1560.00	5000.00	0	
	PMCV	1640.00	5000.00	0	
	PMCV	1720.00	5000.00	0	
	PMCV	1800.00	5000.00	0	
	PMCV	1880.00	5000.00	0	
	PMCV	1960.00	5000.00	0	
	PMCV	2040.00	5000.00	0	
	PMCV	2120.00	5000.00	1	



GROUND SURVEY SPECIFICATIONS

MAGNETOMETER : EDA
RESOLUTION : 0.1 nT
LINE SPACING : 200 METRES
SAMPLE SPACING : 50 METRES

MAGNETIC CONTOURS

MESH SIZE : 80 METRES
CONTOUR INTERVALS : 10,50,250 AND 1000 nT

N

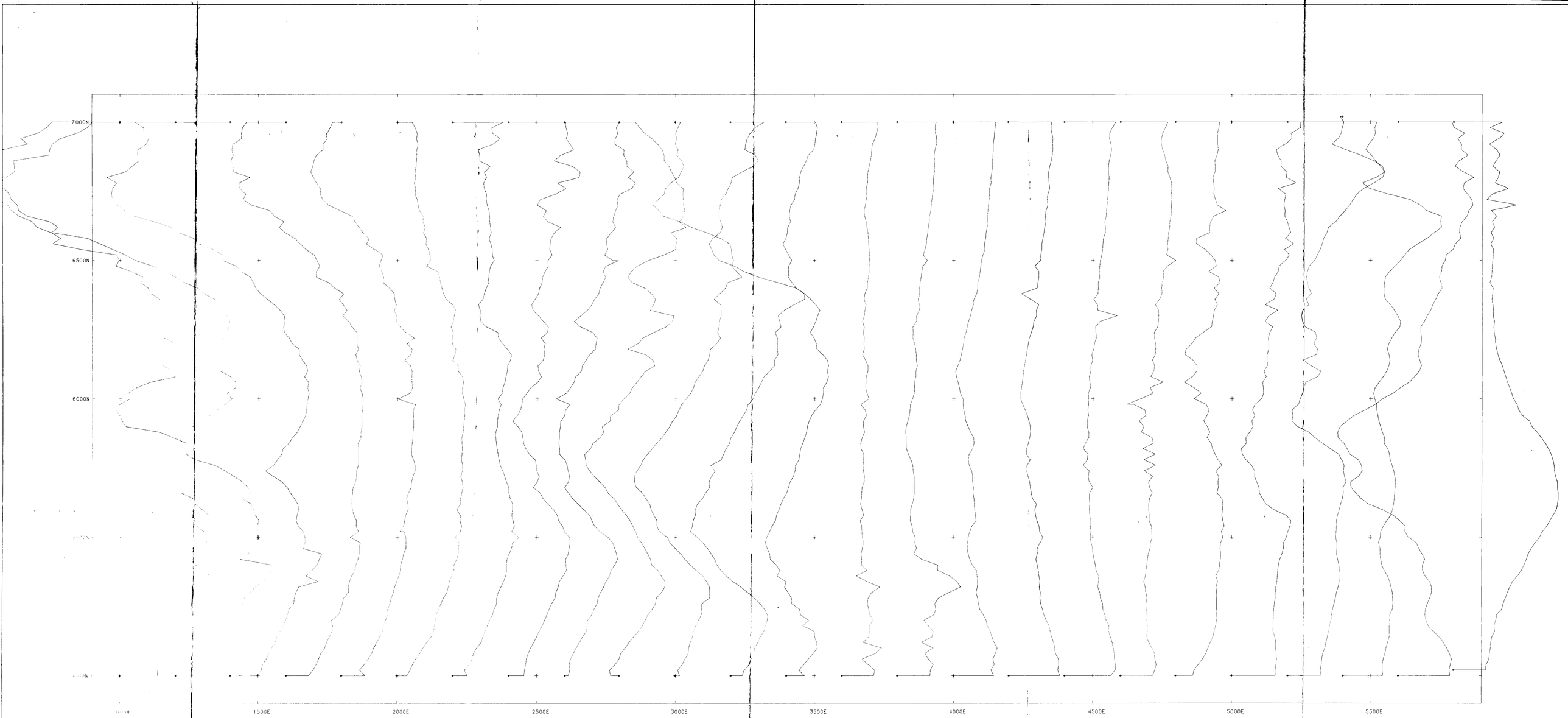
0.0 0.5 Km
SCALE 1:5000

PROCESSED BY ECS.PERTH

METANA MINERALS N.L.

KOVACS
GROUND MAGNETIC SURVEY
MAGNETIC CONTOURS

FIG 4 | DATE: 19-SEP-88



GROUND SURVEY SPECIFICATIONS

MAGNETOMETER : EDA
RESOLUTION : 0.1 nT
LINE SPACING : 200 METRES
SAMPLE SPACING : 20 METRES

MAGNETIC PROFILES

BASE VALUE : 51500 nT
VERTICAL SCALE : 40 nT/cm

N

0.0 0.5 Km

SCALE 1:5000

PROCESSED BY ECS.PERTH

METANA MINERALS N.L.

KOVACS
GROUND MAGNETIC SURVEY
STACKED PROFILES

FIG 5.

DATE: 16-SEP-88

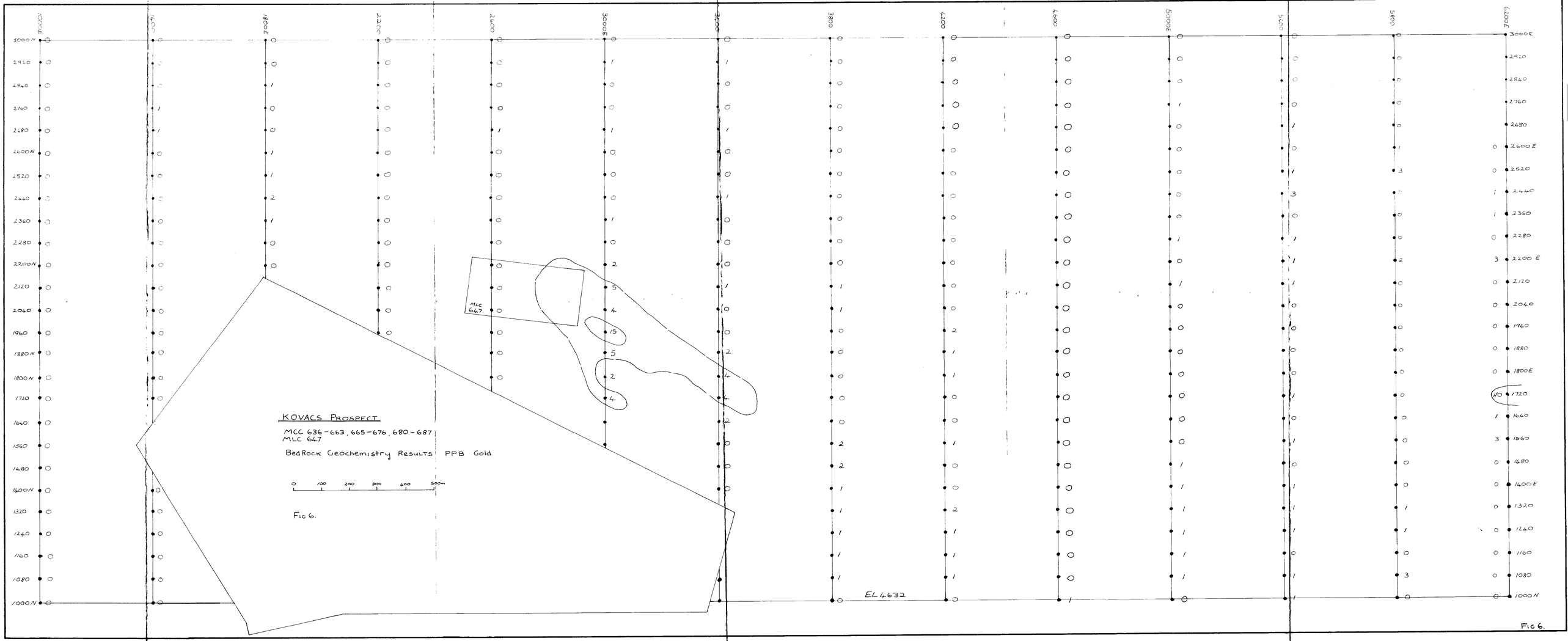

KOVACS PROSPECT
MCC 636-663, 665-676, 680-687
MLC 647
BedRock Geochemistry Results PPB Gold
0 100 200 300 400 500m
MLC 647
EL 4632
1000E
1400E
1800E
2200E
2600E
3000E
3400E
3800E
4200E
4600E
5000E
5400E
5800E
6200E
3000N
2920
2840
2760
2680
2600N
2520
2440
2360
2280
2200N
2120
2040
1960
1880N
1800N
1720
1640
1560
1480
1400N
1320
1240
1160
1080
1000N
3000E
2600E
2200E
1720
1000N

Fig 6.