

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

SECOND ANNUAL REPORT
EXPLORATION LICENCE 5497
NOVEMBER 27, 1988 TO NOVEMBER 26, 1989

OPEN FILE

CR90/158

,000 NATMAP SE 53-14
Tennant Creek
,000 DM & E 52/2
Tennant Creek

RICHARD EVANS
December, 1989

CONTENTS

		<u>Page No.</u>
1.	TENURE	1
2.	WORK COMPLETED	1
3.	EXPENDITURE	1

LIST OF PLANS

E.L. Location Plan	1:50,000
Drilling Assay Data	
Drillhole Location Plans	1:2,500
Drill Cross Sections	1:500
Magnetic Contour Plan	1:50,000
Soil Sampling Assay Data	
Soil Sampling Location Plan	1:10,000

1. TENURE

Exploration Licence 5497 was granted to Nick Byrne & Associates Pty. Ltd. on November 27, 1987. The E.L. covered an area of twenty-three square kilometres (seven blocks). This was reduced by half on the grant's second anniversary, the end of the period of this report.

On August 1, 1988, the E.L. became subject to a Joint Venture between Giant's Reef Mining Pty. Limited (GRM) and Western Mining Corporation Limited (WMC). The Joint Venture also includes twelve other Exploration Licences held by GRM and by N. Byrne and Associates Pty. Ltd.

Under the terms of the joint venture, WMC will manage and operate future exploration in the Tennant Creek area, and fieldwork commenced at the end of August, 1988.

2. WORK COMPLETED

Exploration activity has been intense at a number of prospects in E.L. 5497 this year with a strategy of combined reconnaissance, conceptual planning and geological follow-up.

- Orlando Dam: - Ground magnetic survey for location and delineation of anomalies.
- Lockwood: - Ground magnetic survey, followed up by more detailed peak profiling for modelling.
- Coarse fraction soil sampling in two areas of subcrop.
- Telegraph Road: - Ground magnetics grid and profiles
- Soil sampling
- Mapping.
- Solid Rock: - Ground magnetics grid
- Mapping.

Additional mapping has been carried out across strike to the south of the Gecko Mine. Five shallow vacuum holes were drilled across the shear system that intersects the Gecko system of orebody where it crosses E.L. 5497 as a test of the technique which is being used in other areas.

The generation of targets in this Licence has been greatly assisted by the regional work being carried out to develop an understanding of the Tennant Creek area's geology. This has involved the acquisition and interpretation of a database, including regional airborne geophysics (magnetics and radiometrics) Landsat TM imagery, open file and published geology and air photo interpretation.

3. EXPENDITURE

Expenditure attributable to this Exploration Licence, for the period November 27, 1988 to November 30, 1989, is as follows:

	\$
Geology	9,142
Geophysics	5,589
Geochemistry	223
Drafting	2,265
Analysis	2,618
Leasing	1,144
Administration	13,029

	\$34,010

Of this total, \$15,259 was spent in the Northern Territory.

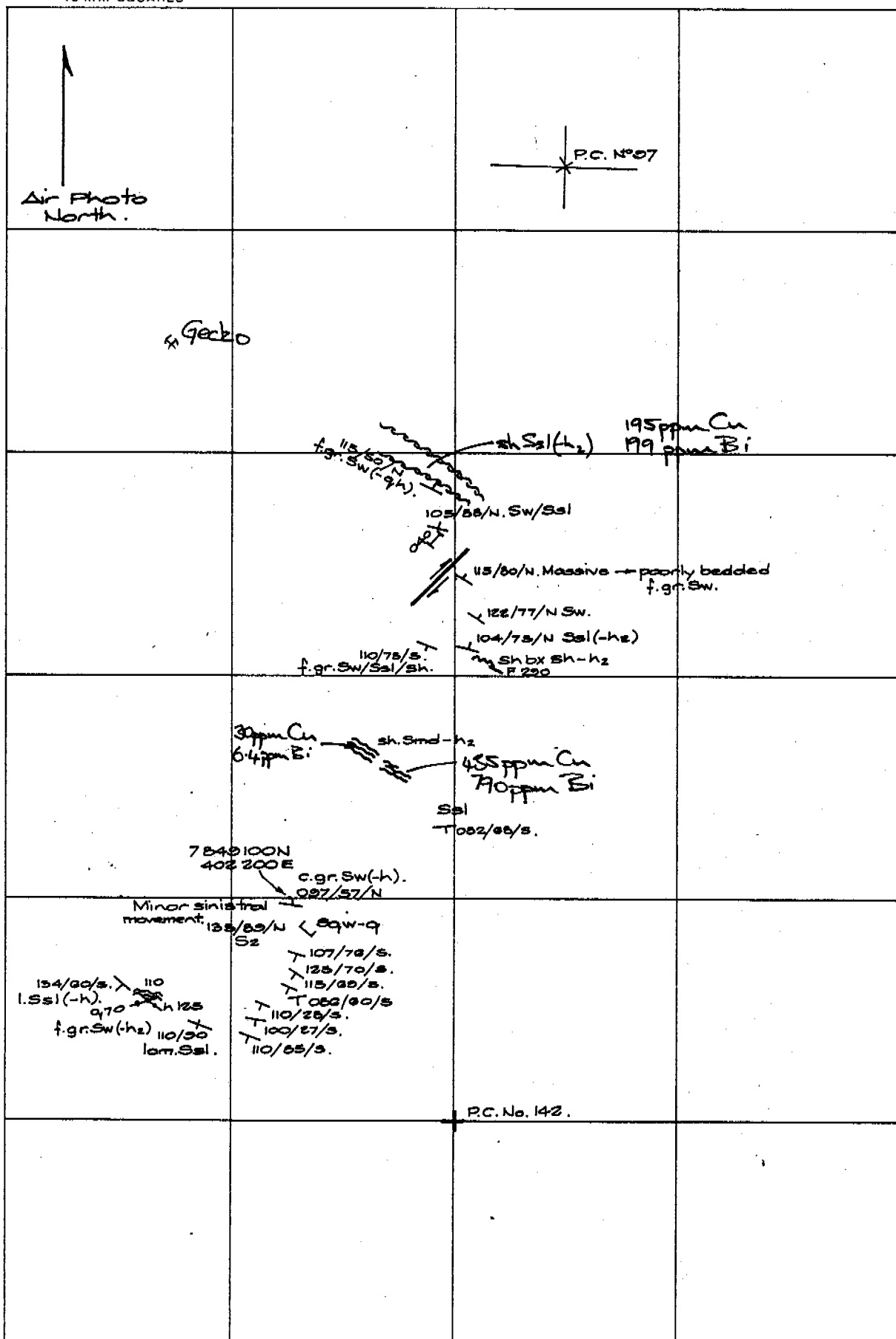
This expenditure is part of a semi-regional exploration program in the Tennant Creek area, on which to the end of September a total of \$271,689 has been spent on work not directly attributable to any particular tenement, and \$497,557 has been spent in exploration on tenements within the Tennant Creek Joint Venture.

MAPPED BY RICHARD EVANS / 8/1989

COST CODE 3912/4062.

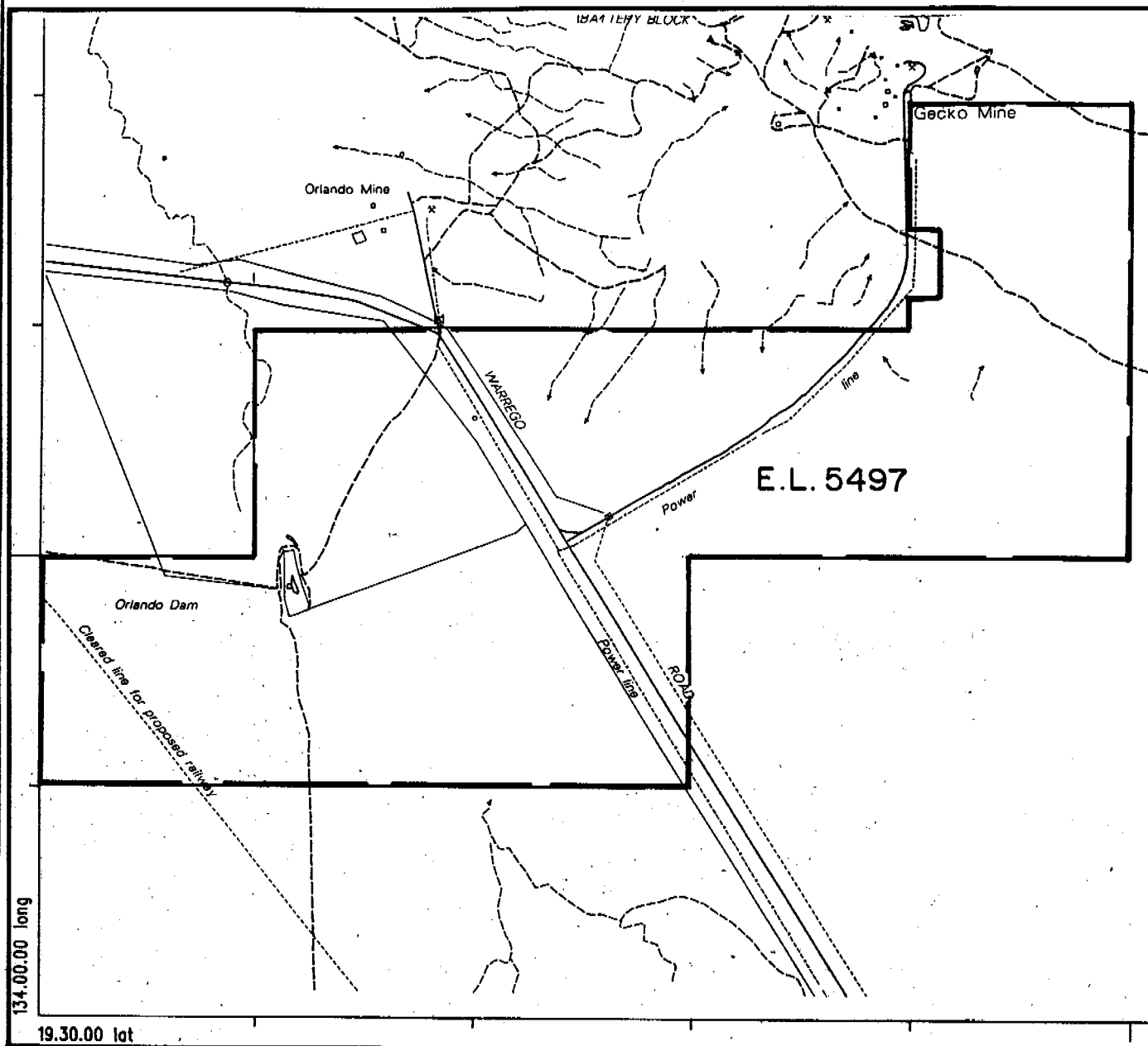
SCALE 1: 25 000

40 mm SQUARES



Traced to Plan No
or Map Reference

GRID LOCATION / DEFINITION. Colour Airphotos.
1:25 000. Run 5 N° 97, Run 6 W, N° 142.



SCALE 1:50000

INDEX TO ADJOINING SHEETS

5659N	5759N	5859N
5659S	5759S	5859S
5658N	5758N	5858N



AREA OF THIS
REPORT. E.L. 5497



WESTERN MINING CORPORATION LIMITED - EXPLORATION DIVISION

Map Ref.	SE 53-14
Date	29. 11. 89
Author	R. EVANS D.A.B.
Revised	

LOCATION PLAN
E.L. 5497

TENNANT CREEK JOINT VENTURE N.T.

Scale 1: 50 000

Figure No.

Plan No.

7047/114

TENNANT CREEK J.V.

- EL5497 GRAN CEN

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X X X X XXXX X
XX XX X X

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TENNANT CREEK J.V.

- EL5497 GRAN CEN

DIG. TECH				AUSLI PYSTB PYSTB PYSTB PYSTB PYSTB							
ASS. TECH				AUSLI AAHYD AA AA AA AAHYD							
SAMPLE	FROM	TO	SAMP	SAMP	AU	BI	CU	PB	ZN	AS	
NUMBER	(MTRS)	(MTRS)	TYPE	INTV	PPM	PPM	PPM	PPM	PPM	PPM	
DA582841	0.00	1.00	DVAC	1.00	<0.020	0.3	15	10	10	<5	
DA582842	1.00	2.00	DVAC	1.00							
DA582843	2.00	3.00	DVAC	1.00	<0.020	0.2	15	10	10	<5	
DA582844	3.00	4.00	DVAC	1.00							
DA582845	4.00	5.00	DVAC	1.00	<0.020	0.2	25	10	10	<5	
DA582846	5.00	6.00	DVAC	1.00							
DA582847	6.00	7.00	DVAC	1.00	<0.020	0.1	20	10	10	<5	
DA582848	7.00	8.00	DVAC	1.00							
DA582849	8.00	9.00	DVAC	1.00	<0.020	0.1	5	10	10	<5	
DA582850	9.00	10.00	DVAC	1.00							
DA582851	10.00	11.00	DVAC	1.00	<0.020	0.1	5	10	10	<5	
DA582852	11.00	12.00	DVAC	1.00							
DA582853	12.00	13.00	DVAC	1.00	<0.020	0.1	20	10	10	<5	
DA582854	13.00	14.00	DVAC	1.00							
DA582855	14.00	15.00	DVAC	1.00	<0.020	0.2	20	10	10	<5	

49-024-00-1100

MATERIAL

MAP REF

E501

037 00

SAMPLING RECORD

DEPTH

ARS NO

FROM

TO

SAMPLED BY

DATE

PHOTO NO

BEARING

PROJECT

REGION

PROJECT TENNANT CREEK

J.V.

PROSPECT EL5497 GRAN CEN

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L.

AZM:

DIP:

DATE:

COORDINATES

N 7851000.00MN

M 403000.00ME

HOLE

NO T6CV1

TENNANT CREEK J.V.

- EL5497 GRAN CEN

DIG. TECH

ASS. TECH

SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP TYPE	SAMP INTV	AUSL1	PYSTB	PYSTB	PYSTB	PYSTB	PYSTB
					AUSL1	AAHYD	AA	AA	AA	AAHYD
					AU	BI	CU	PB	ZN	AS
					PPM	PPM	PPM	PPM	PPM	PPM
DA582861	0.00	1.00	DVAC	1.00	<0.020	0.7	15	10	10	<5
DA582862	1.00	2.00	DVAC	1.00						
DA582863	2.00	3.00	DVAC	1.00	<0.020	0.7	25	10	10	<5
DA582864	3.00	4.00	DVAC	1.00						
DA582865	4.00	5.00	DVAC	1.00	<0.020	1.3	30	10	10	<5
DA582866	5.00	6.00	DVAC	1.00						
DA582867	6.00	7.00	DVAC	1.00	<0.020	0.3	15	10	10	<5
DA582868	7.00	8.00	DVAC	1.00						
DA582869	8.00	9.00	DVAC	1.00	<0.020	0.3	15	10	10	<5
DA582870	9.00	10.00	DVAC	1.00						
DA582871	10.00	11.00	DVAC	1.00	<0.020	0.9	35	10	10	<5
DA582872	11.00	12.00	DVAC	1.00						
DA582873	12.00	13.00	DVAC	1.00	<0.020	0.6	15	10	10	<5
DA582874	13.00	14.00	DVAC	1.00						
DA582875	14.00	15.00	DVAC	1.00	<0.020	1.3	10	10	10	<5

SAMPLING RECORD

MATERIAL

DEPTH

SAMPLED BY

PROJECT

DRILLING RECORD

MAP REF

ARS NO

DATE

REGION

PROJECT TENNANT CREEK

DRILL TYPE

COORDINATES

FROM

PHOTO NO

PROSPECT EL5497 GRAN CEN

R.L.

M

TO

BEARING

COST CODE

AZM:

DIP:

DATE:

HOLE

NO T6CV2

TENNANT CREEK J.V.

- EL5497 GRAN CEN

DIG. TECH				AUSL1 PYSTB		PYSTB	PYSTB	PYSTB	PYSTB	
ASS. TECH				AUSL1 AAHYD		AA	AA	AA	AAHYD	
SAMPLE	FROM	TO	SAMP	SAMP	AU	BI	CU	PB	ZN	AS
NUMBER	(MTRS)	(MTRS)	TYPE	INTV	PPM	PPM	PPM	PPM	PPM	PPM
DA582881	0.00	1.00	DVAC	1.00	<0.020	1.9	40	10	10	<5
DA582882	1.00	2.00	DVAC	1.00						
DA582883	2.00	3.00	DVAC	1.00	<0.020	1.0	50	10	10	<5
DA582884	3.00	4.00	DVAC	1.00						
DA582885	4.00	5.00	DVAC	1.00	<0.020	0.6	35	10	10	<5
DA582886	5.00	6.00	DVAC	1.00						
DA582887	6.00	7.00	DVAC	1.00	<0.020	1.1	15	10	10	<5
DA582888	7.00	8.00	DVAC	1.00						
DA582889	8.00	9.00	DVAC	1.00	<0.020	2.2	15	10	10	<5
DA582890	9.00	10.00	DVAC	1.00						
DA582891	10.00	11.00	DVAC	1.00	<0.020	1.0	15	10	10	<5
DA582892	11.00	12.00	DVAC	1.00						
DA582893	12.00	13.00	DVAC	1.00	<0.020	0.8	40	10	10	<5
DA582894	13.00	14.00	DVAC	1.00						
DA582895	14.00	15.00	DVAC	1.00	<0.020	0.5	75	10	10	<5

MATERIAL

MAP REF

ACTG

233

SAMPLING RECORD

DEPTH

ARS NO

FROM

TO

SAMPLED BY

DATE

PHOTO NO

BEARING

PROJECT

REGION

PROJECT TENNANT CREEK

J.V.

PROSPECT EL5497 GRAN CEN

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L.

AZM:

OIP:

DATE:

COORDINATES

N 7851044.00MN

403025.00ME

H

HOLE

NO T6CV3

TENNANT CREEK J.V.

- EL5497 GRAN CEN

DIG. TECH
ASS. TECH

SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP TYPE	SAMP INTV	AUSLI	PYSTB	PYSTB	PYSTB	PYSTB	PYSTB	PYSTB
					AU	BI	AA	AA	AA	AAHYD	
					PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA582901	0.00	1.00	DVAC	1.00	<0.020	6.3	50	10	20	<5	
DA582902	1.00	2.00	DVAC	1.00							
DA582903	2.00	3.00	DVAC	1.00	<0.020	3.1	70	10	20	<5	
DA582904	3.00	4.00	DVAC	1.00							
DA582905	4.00	5.00	DVAC	1.00	<0.020	0.6	50	10	20	<5	
DA582906	5.00	6.00	DVAC	1.00							
DA582907	6.00	7.00	DVAC	1.00	<0.020	0.6	35	10	20	<5	
DA582908	7.00	8.00	DVAC	1.00							
DA582909	8.00	9.00	DVAC	1.00	<0.020	0.5	35	<10	10	<5	
DA582910	9.00	10.00	DVAC	1.00							
DA582911	10.00	11.00	DVAC	1.00	<0.020	0.8	30	<10	10	<5	
DA582912	11.00	12.00	DVAC	1.00							
DA582913	12.00	13.00	DVAC	1.00	<0.020	1.1	105	<10	10	<5	
DA582914	13.00	14.00	DVAC	1.00							
DA582915	14.00	15.00	DVAC	1.00	<0.020	0.8	85	10	10	<5	

SAMPLING RECORD

MATERIAL

DEPTH

SAMPLED BY

PROJECT

DRILLING RECORD

COORDINATES

MAP REF

ARS NO

DATE

REGION

PROJECT TENNANT CREEK

DRILL TYPE

WATER TABLE

EPM 7851166.00MN

J.V.

R.L.

M

403037.00ME

PROSPECT EL5497 GRAN CEN

AZM:

DIP:

HOLE

FROM

PHOTO NO

DATE:

NO T6CV4

TO

BEARING

COST CODE

TENNANT CREEK J.V.

- EL5497 GRAN CEN

DIG. TECH				AUSL1 PYSTB		PYSTB	PYSTB	PYSTB	PYSTB	PYSTB
ASS. TECH				AUSL1 AAHYD		AA	AA	AA	AA	AAHYD
SAMPLE	FROM	TO	SAMP	SAMP	AU	BI	CU	PB	ZN	AS
NUMBER	(MTRS)	(MTRS)	TYPE	INTV	PPM	PPM	PPM	PPM	PPM	PPM
DA582921	0.00	1.00	DVAC	1.00	<0.020	1.4	35	10	20	<5
DA582922	1.00	2.00	DVAC	1.00						
DA582923	2.00	3.00	DVAC	1.00	<0.020	0.4	30	10	20	5
DA582924	3.00	4.00	DVAC	1.00						
DA582925	4.00	5.00	DVAC	1.00	<0.020	0.5	30	<10	20	5
DA582926	5.00	6.00	DVAC	1.00						
DA582927	6.00	7.00	DVAC	1.00	<0.020	0.2	25	10	20	<5
DA582928	7.00	8.00	DVAC	1.00						
DA582929	8.00	9.00	DVAC	1.00	<0.020	0.1	15	<10	10	<5
DA582930	9.00	10.00	DVAC	1.00						
DA582931	10.00	11.00	DVAC	1.00	<0.020	0.6	45	10	20	<5
DA582932	11.00	12.00	DVAC	1.00						
DA582933	12.00	13.00	DVAC	1.00	<0.020	9.8	40	10	30	<5
DA582934	13.00	14.00	DVAC	1.00						
DA582935	14.00	15.00	DVAC	1.00	<0.020	2.2	110	10	30	5

MATERIAL SAMPLING RECORD
DEPTH

MAP REF ARS NO

FROM
TO

SAMPLED BY

DATE

PHOTO NO
BEARING

PROJECT

REGION
PROJECT TENNANT CREEK
J.V.
PROSPECT EL5497 GRAN CEN
COST CODE

DRILLING RECORD

DRILL TYPE COORDINATES
WATER TABLE N 7851188.00MN
R.L. M 403150.00ME
AZM:
DIP:
DATE: HOLE
NO TGCVS

Number of data records printed = 75

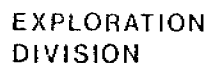


SAMPLE DATA SHEET

SAMPLE NUMBER	DRILL HOLE DEPTH		DESCRIPTION										ANALYTICAL DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SAMPLING RECORD			PROJECT		DRILLING RECORD	
Material:	Depth:	Sampled By:	Region:	Drill Type:	CO-ORDINATES m N/S m E/W	
Map Ref:	Laboratory Request No.	Date:	Project:	R.L. m Water At Table m		
LINE No.	FROM	Photo No.	Prospect:	Dip. Azm.	HOLE No. TECV 1	
	TO	Bearing	Cost Code:	Date:		



Form 270

SAMPLING RECORD			PROJECT	DRILLING RECORD	
Material:	Depth:	Sampled Logged By:	Region :	Drill Type:	CO-ORDINATES
Map Ref:	Laboratory Request No.	Date:	Project:	R.L. _____ m Water At _____ m Table	_____ m N/S _____ m E/W
LINE No.	FROM _____ TO _____	Photo No. _____ Bearing _____	Prospect :	Dip _____ Azm _____	HOLE No. TGCV 2
			Cost Code:	Date:	



SAMPLE NUMBER	DRILL HOLE DEPTH		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)	
	FROM	OR TO			
	SAMPLE CO-ORDINATE				
N/S		E/W			
DA582881			1 ex Sh-h RSP	5 5 50	Red brown (slt + ferrug?) fgr. Sw, minor Sh
			2 ex Sh-h	Gr 15 27	
			3 ..	tr 24	
			4 ..	tr 23	As above, tr yellow + pallid ox ^d shale
			5 ..	tr 20	+ minor fgr Sw
			6 ..	Gr tr 31	g-h in slickensides
			7 ..	5 5 29	
			8 ..	tr Gr 43	
			9 ex Sh-h	Gr tr 22	
			10 sil Sh-h	Gr 25 23	Normal ox ^d Sh with abdt gtz + sil ^d seds (28%)
			11 ex Sh-h	5 16	
			12 ..	5 20	
			13 ..	5 18	
			14 ..	tr 14	
			15 ..	Gr tr 14	

SAMPLING RECORD			PROJECT		DRILLING RECORD	
Material:	Depth:	Sampled By:	Region:	Drill Type:	CO-ORDINATES	
Map Ref:	Laboratory Request No:	Date:	Project:	R.L. m Water Table At m	m N/S	
LINE No.	FROM	Photo No.	Prospect:	Dip Azm	m E/W	
	TO	Bearing	Cost Code:	Date:	HOLE No. TGC V3	



SAMPLE DATA SHEET

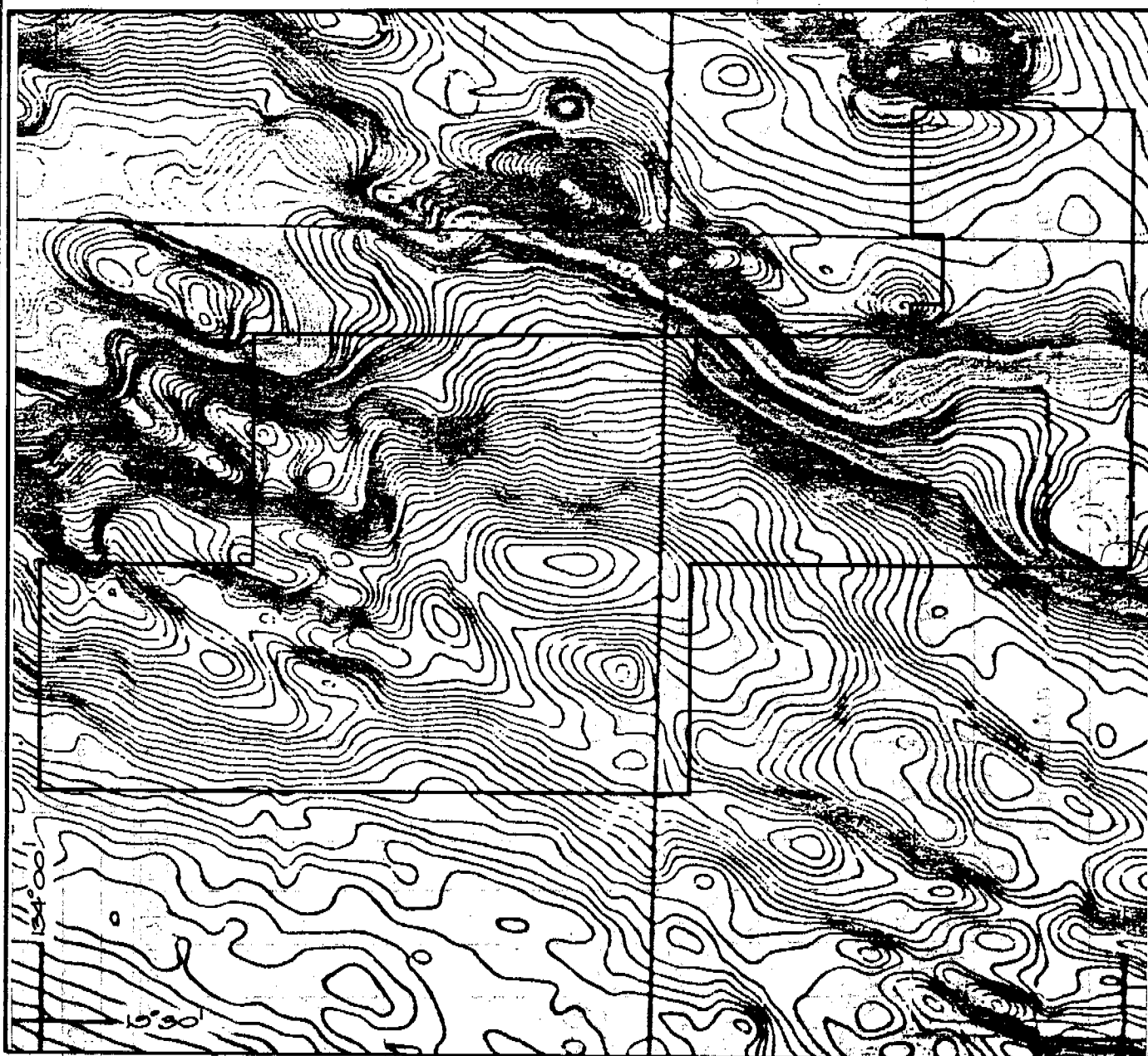
SAMPLE NUMBER	DRILL HOLE		DEPTH TO	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
	FROM	OR			
	SAMPLE CO-ORDINATE				
		N/S	E/W		
DA 582901				C 90h 90 Mag	
			1	ex Sh (-h) RBR 5	61
			2	.. PRBR	10
			3	.. Gr	15
			4	.. RBR tr	16
			5	ex Sh (-h) ..	15
			6	.. tr	14
			7	ex Sh (-h) ..	14
			8	ex Sh (-h) ..	21
			9	.. tr	7
			10	ex Sh (-h) PRBR tr	10
			11	ex Sh (-h) PRBR tr	18
			12	ex Sh (-h) PRBR tr	9
			13	ex Sh .. 5	9
			14	ex Sh (-h) RBR 5-10	11
			15	ex Sh (-h) .. 5	12

Red, pk br, yellow ex d shales (v. minor silt) tr laminated
has paint + vng
As above minor pallid (yellow)
As above minor y-spallid
Fgr wackes, minor silt.
As above with minor pale purple shale
As above Sh - y
Fgr. gh wackes + purple shales
Pink mudst
Pink-red br. + y br. ex d shale has paint + vng?
R. br, minor y. br ex Sh hematite paint vng + repl.

SAMPLING RECORD			PROJECT		DRILLING RECORD	
Material:	Depth:	Sampled By:	Region:	Drill Type:	CO-ORDINATES	
Map Ref:	Laboratory Request No.	Date:	Project:	R.L. m Water Table At m	m N/S	
LINE No.	FROM	Photo No.	Prospect:	Dip. Azm.	m E/W	
	TO	Bearing	Cost Code:	Date:	HOLE No. TGC 114	

[illegible]

SAMPLING RECORD			PROJECT		DRILLING RECORD	
Material:	Depth:	Sampled By:	Region:	Drill Type:	CO-ORDINATES	
Map Ref:	Laboratory Request No.	Date:	Project:	R.L. m	Water Table m	m N/S
LINE No.	FROM	Photo No.	Prospect:	Dip	Azm	m E/W
	TO	Bearing	Cost Code:	Date:	HOLE No. TGC15	



AIRCRAFT
VH-CPX-NOMAD 228
MAGNETOMETER
PROTON PRECESSION GEOMETRICS CB13
RESOLUTION 0.1 nanoTesla
CYCLE RATE 0.5 seconds
SAMPLE INTERVAL 30 metres
SPECTROMETER
5 CHANNEL GEOMETRICS CB8000
DOWNWARD VOLUME 50340 cc NaITU
UPWARD VOLUME 8390 cc NaITU
CYCLE RATE 0.5 seconds
SAMPLE INTERVAL 30 metres

DATA ACQUISITION

SONOTEK 10551
MOTOROLA MINI RANGER MK 3
FLIGHT LINE SPACING
TRAVERSE LINES 200 metres
TIE LINES 4000 metres
FLIGHT LINE DIRECTION
TRAVERSE LINES 0 or 180 degrees
TIE LINES 90 or 270 degrees

SURVEY HEIGHT
80 metres - MEAN TERRAIN CLEARANCE

NAVIGATION
Real-time range range
Doppler assisted

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INDEX-TO-ADJOINING SHEETS

5659N	5759N	5859N
5659S	5759S	5859S
5658N	5758N	5858N

BOUNDARY OF
E.L. 5497.

1000 0 2000 4000
METRES

WESTERN MINING CORPORATION LIMITED - EXPLORATION DIVISION

Map Ref. SE 53-14
Date 29.11.88
Author D.A.B.
R. EVANS
Revised

MAGNETIC CONTOUR PLAN
E.L. 5497

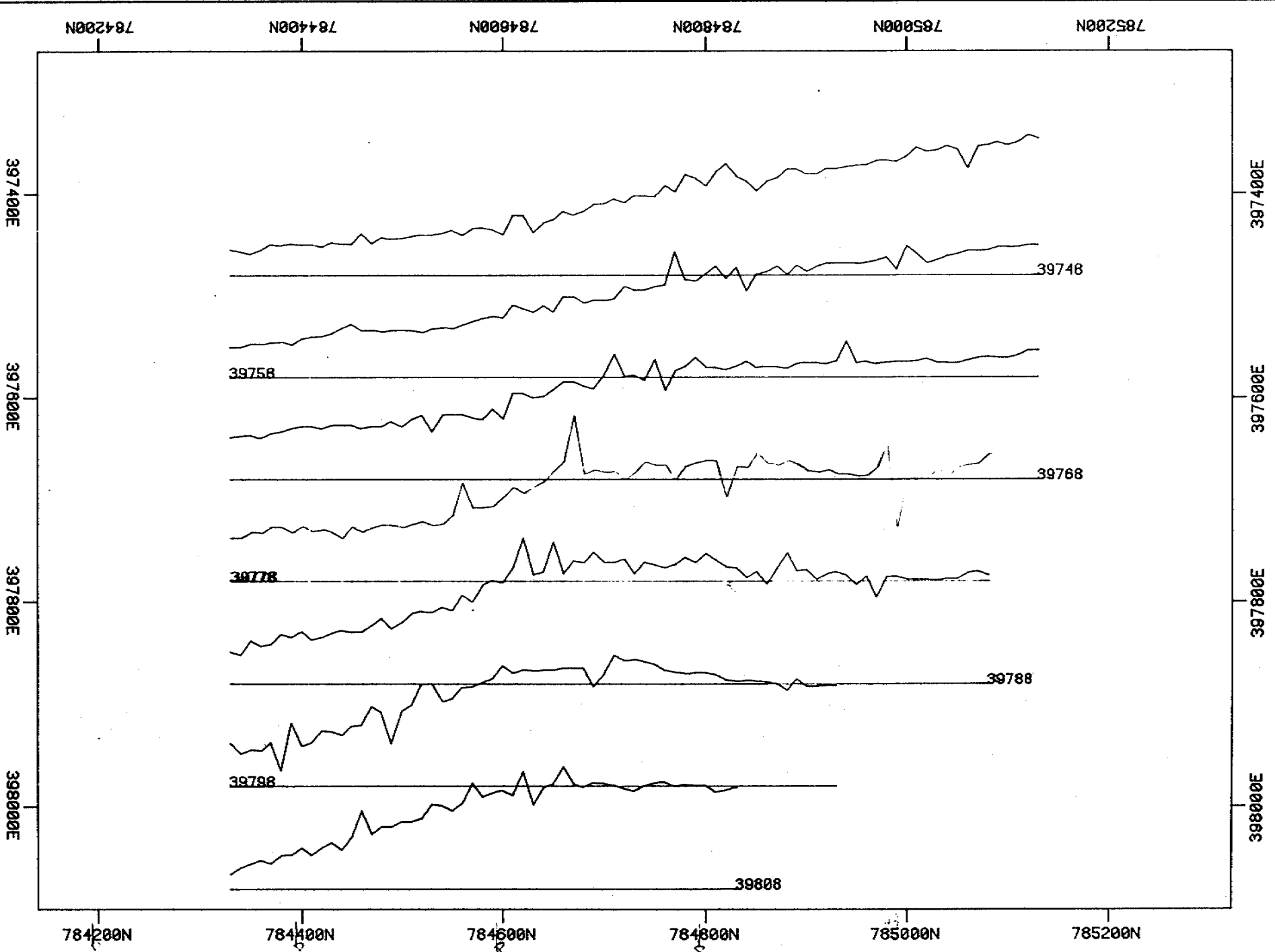
TENNANT CREEK JOINT VENTURE N.T.

Scale 1 : 50 000

Figure No.

Plan No.

7047/115



WESTERN MINING CORPORATION - EXPLORATION DIVISION

SCALE 1 : 5000

DATE JULY '88

AUTHOR

RDM

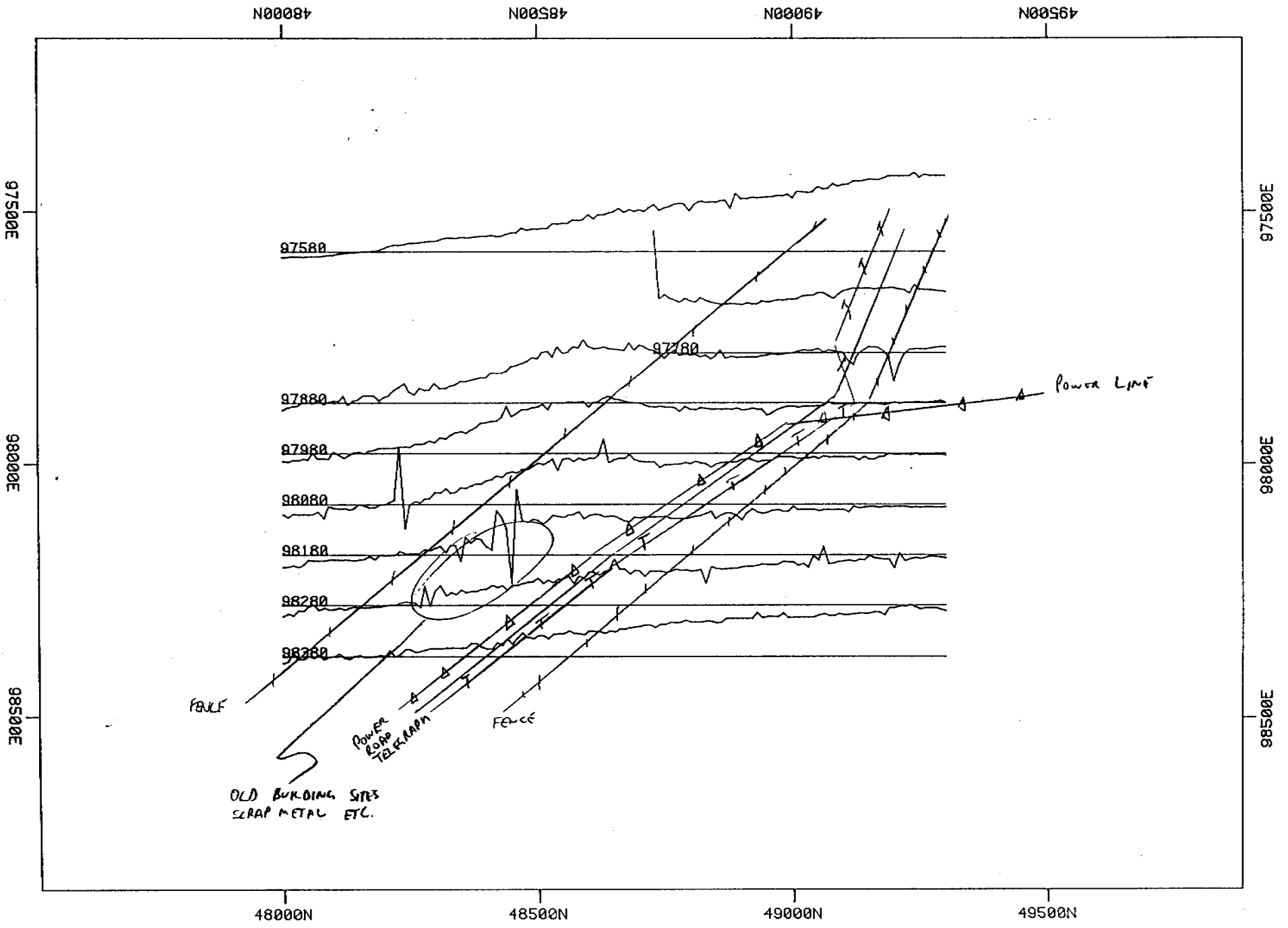
TENNANT CREEK - LOCKWOOD
GROUND MAGNETICS

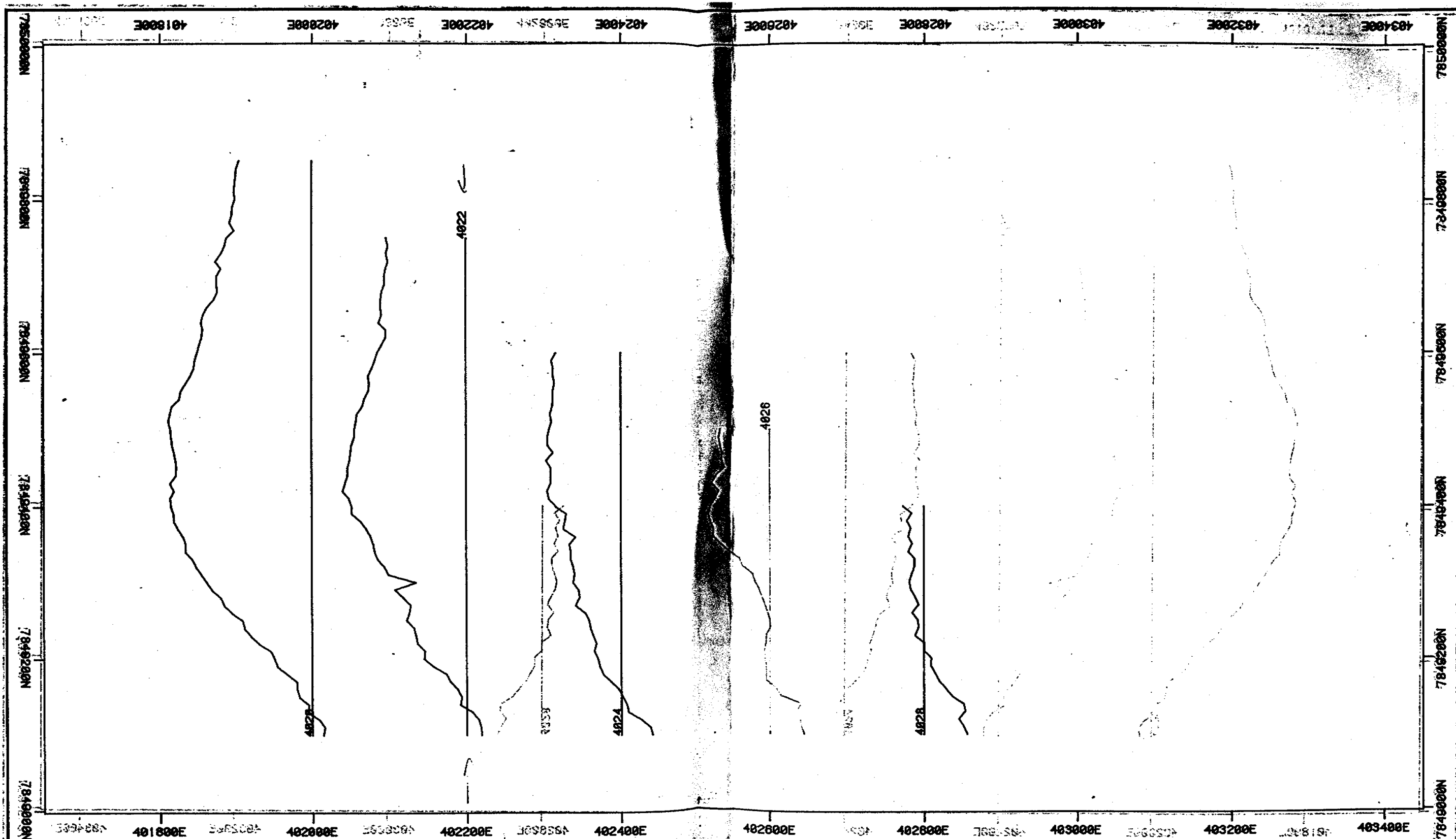
Base Level: 50600nT Z Scale: 1cm = 100nT

FIG. No.

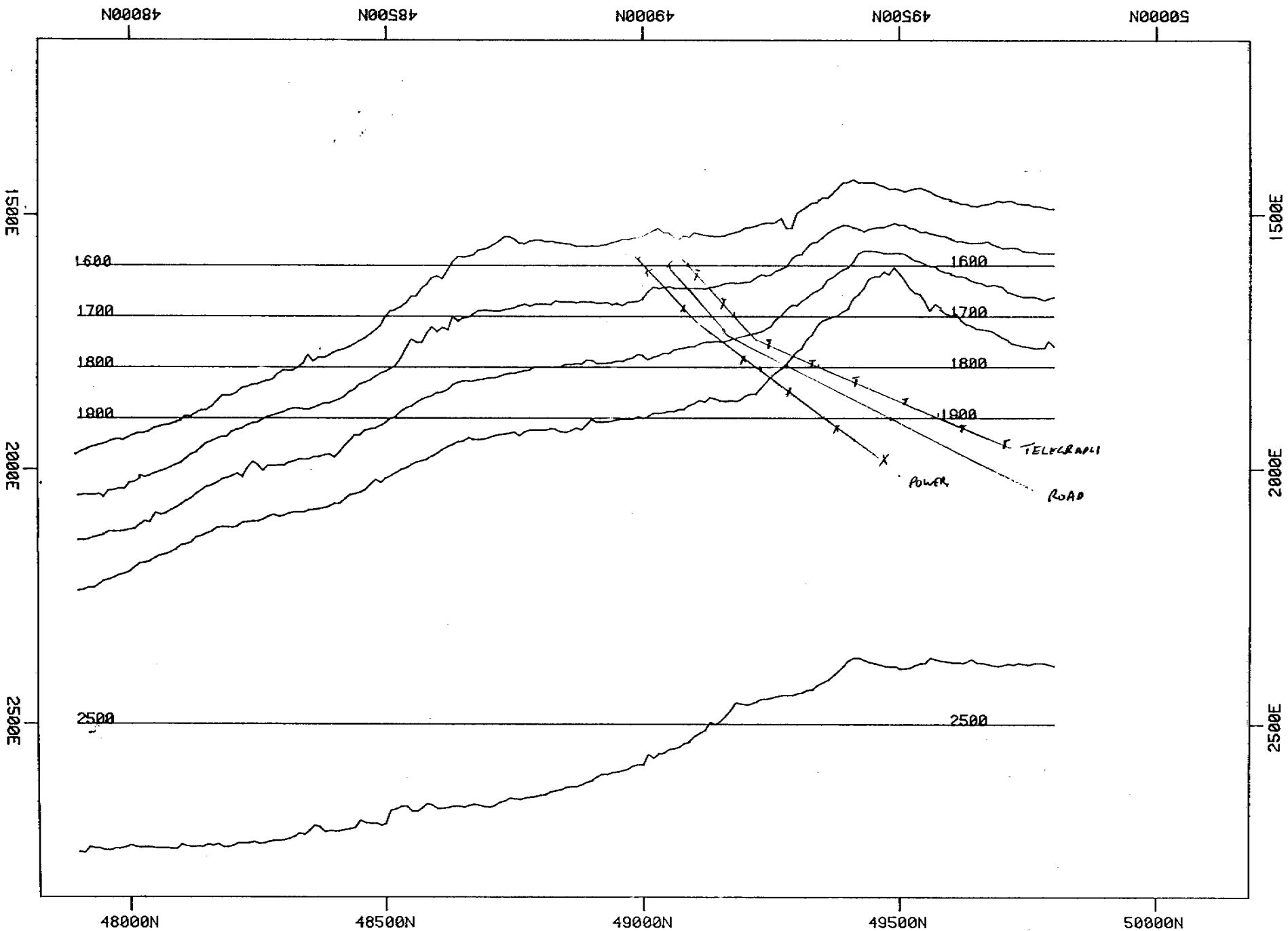
PLAN No.

WESTERN MINING CORPORATION - EXPLORATION DIVISION	
SCALE 1 : 10000	TCUV EL 5497 - LOCKWOOD
DATE 15.10.89	GROUND MAGNETICS
AUTHOR RDM	STACKED PROFILES
Base Level : 50800nt Z Scale : 1cm = 200nt	
FIG.No.	PLAN No.





WESTERN MINING CORPORATION - EXPLORATION DIVISION SCALE 1: 5000 DATE AUG. '89 AUTHOR R. MILES		TCJV - GRAND CENTRAL (SOLID ROCK) GROUND MAGNETICS STACKED PROFILES Base Level: 51100nT Z Scale: 1cm = 50nT	FIG. No. PLAN No.
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WESTERN MINING CORPORATION - EXPLORATION DIVISION

SCALE 1 : 10000

DATE 18.10.89

AUTHOR

RDM

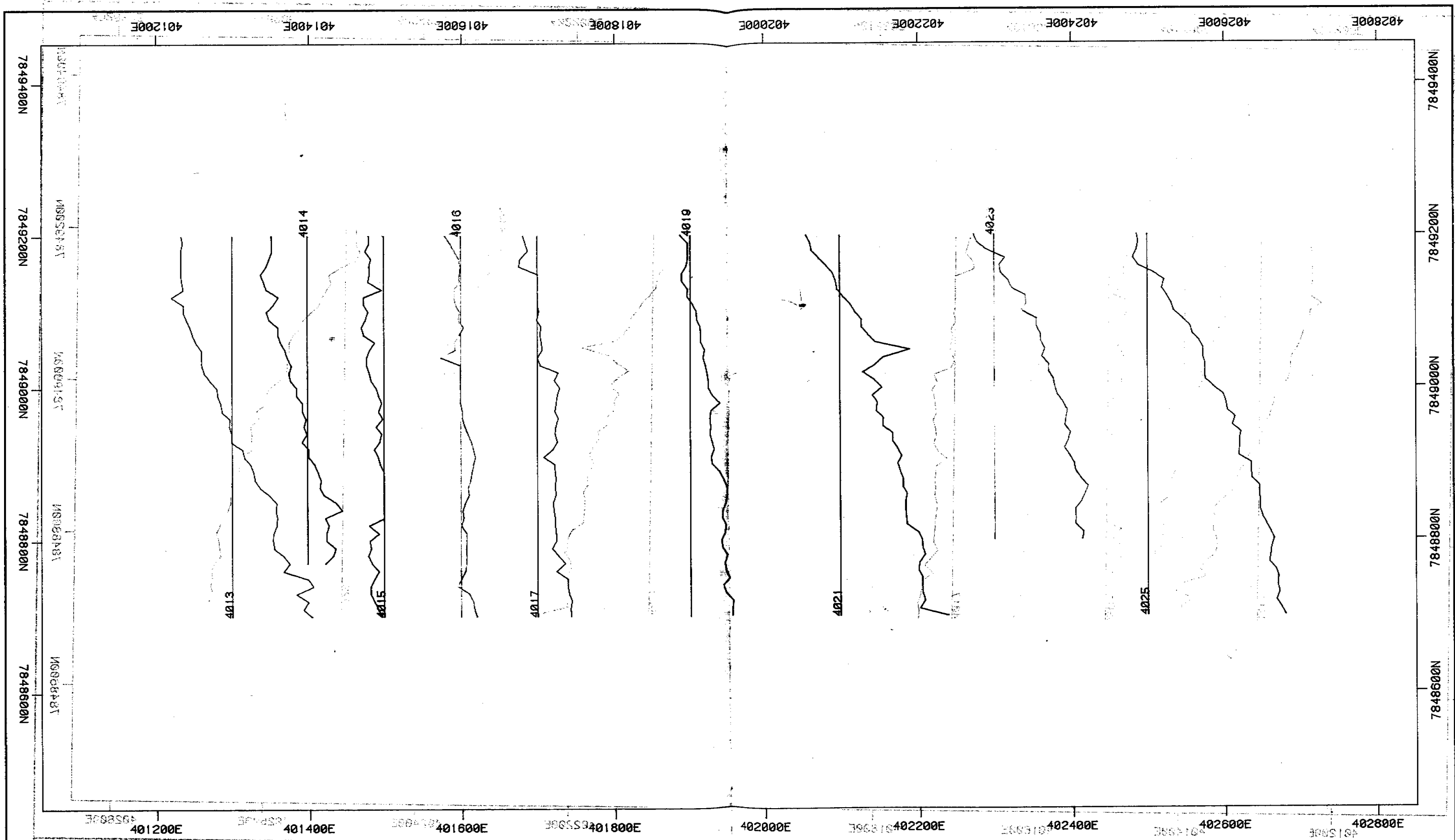
TCJV - TELEGRAPH ROAD
GROUND MAGNETICS

STACKED PROFILES

Base Level: 51000N Z Scale: 1cm = 100N

FIG. No.

PLAN No.



WESTERN MINING CORPORATION - EXPLORATION DIVISION

SCALE 1: 5000

DATE AUG. '89

AUTHOR
RDM

TCJV - GRAND CENTRAL (TELEGRAPH RD)

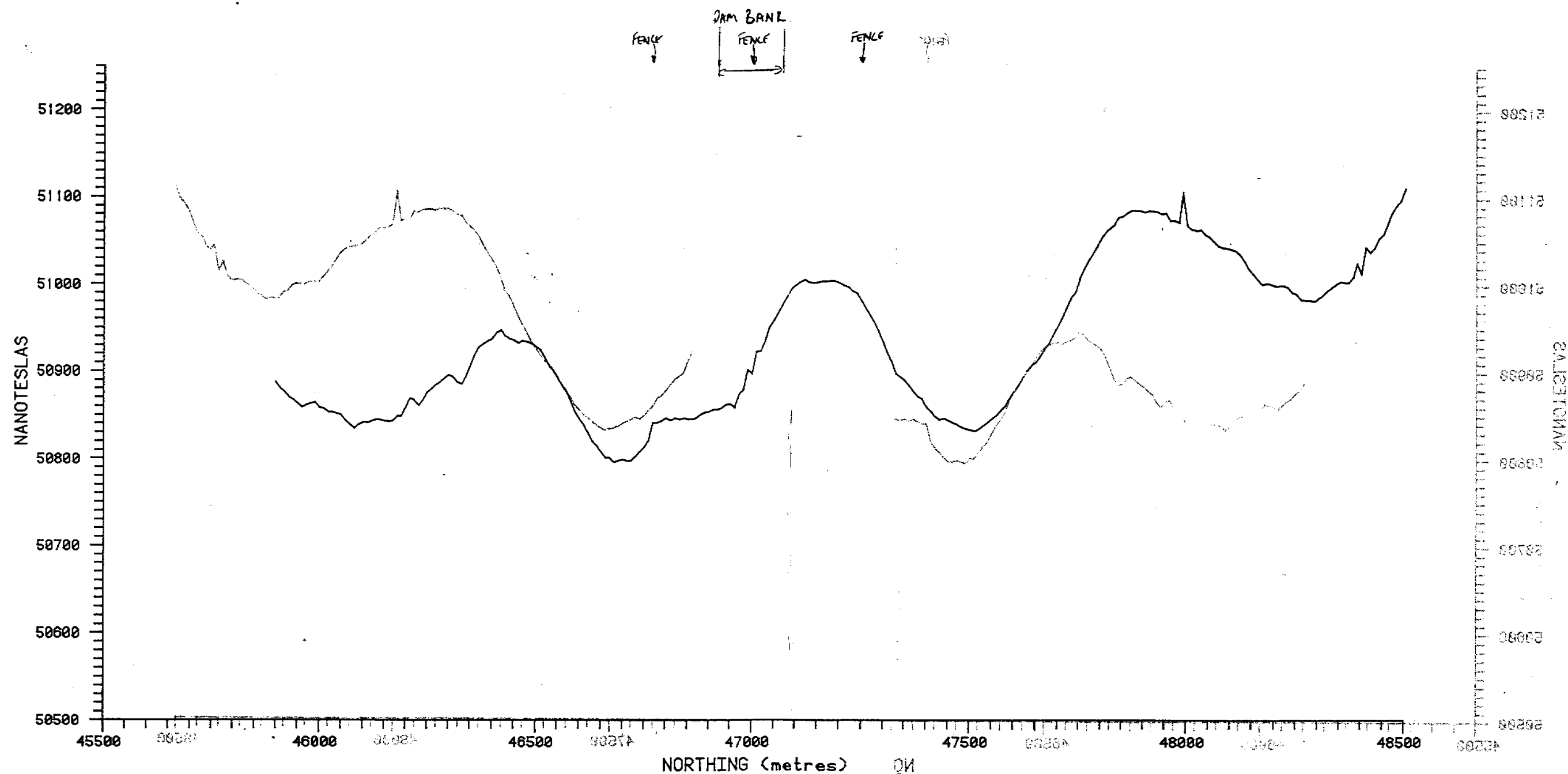
GROUND MAGNETICS

STACKED PROFILES

Base Level: 51100nT Z Scale: 1cm = 50nT

FIG. No.

PLAN No.



NG CORPORATION - EXPLORATION DIVISION LTD. TOWN OF ORLANDO - ORLANDO DAM GROUND MAGNETICS LINE 397100 EAST Base Level: 50500nT Z Scale: 1cm = 50nT		WESTERN MINING CORPORATION - EXPLORATION DIVISION LTD. SCALE 1: 10000 DATE 14.10.89 AUTHOR RDM		FIG. No. PLAN No.
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TENNANT CK SOILS

- SE53-14

DIG. TECH
ASS. TECH
MESH SIZE

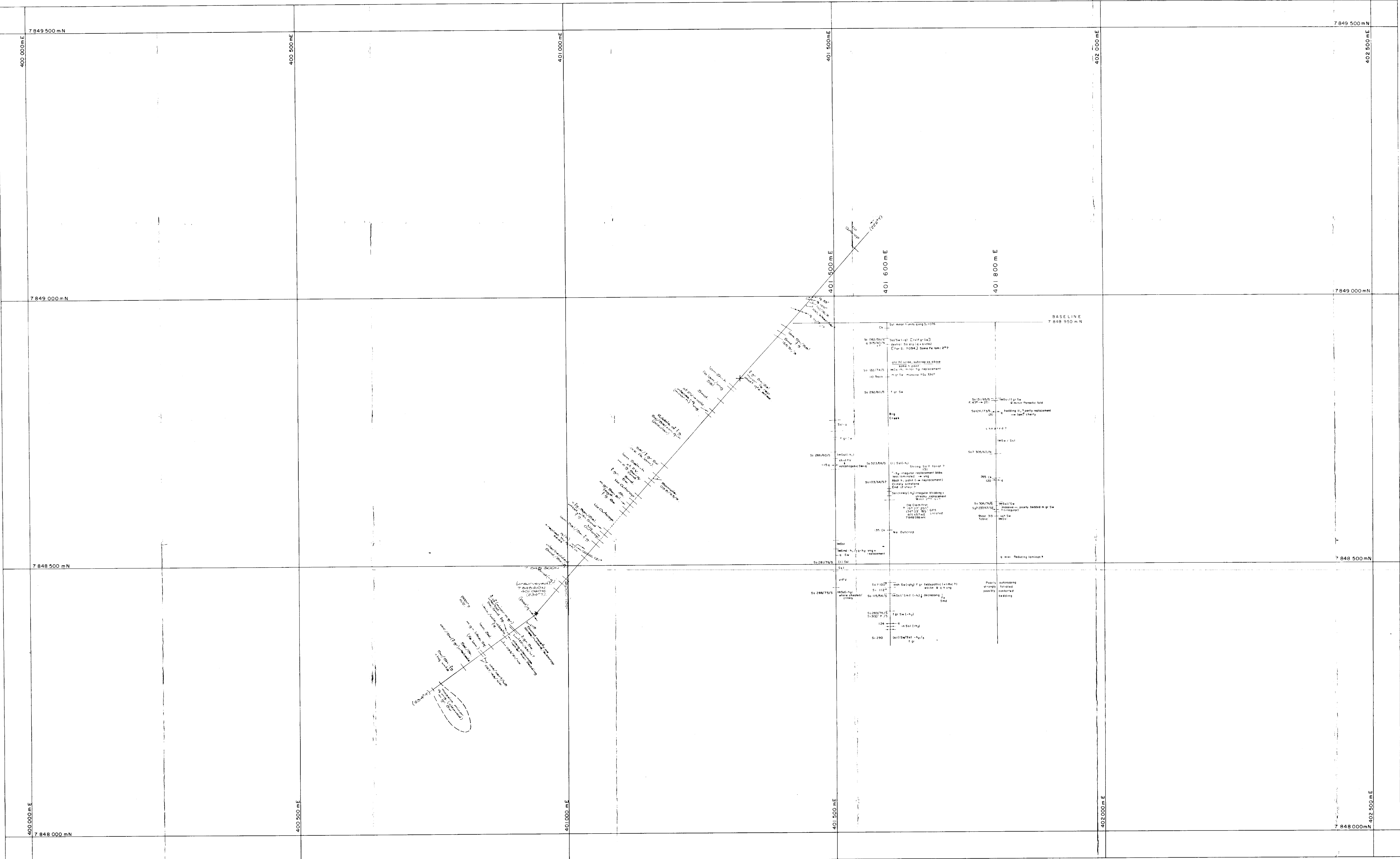
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-2mm+400u	-2mm+400u	-2mm+400u	-2mm+400u	-2mm+400u	-2mm+400u

SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG AREA ZONE CODE	AU PPB	AS PPM	AS PPM	BI PPM	CU PPM	FE PCT
QD477887	7848550	401800	53 GRAND CENT	<1	<5	<5	0.1	5	3.1
QD477888	7848500	401800	53 GRAND CENT	<1	<5	<5	0.1	5	2.9
QD477889	7848450	401800	53 GRAND CENT	<1	<5	<5	0.1	5	2.3
QD477890	7848400	401800	53 GRAND CENT	<1	<5	<5	0.2	5	3.3
QD477891	7848350	401800	53 GRAND CENT	<1	<5	<5	0.1	5	3.6
QD526307	7848500	401350	53 GRAND CENT	1	<5	5	0.4	5	7.0
QD526308	7848525	401350	53 GRAND CENT	1	<5	5	0.6	5	6.5
QD526309	7848550	401350	53 GRAND CENT	1	<5	5	0.5	5	5.4
QD526310	7848575	401350	53 GRAND CENT	1	<5	<5	0.3	5	3.3
QD526311	7848600	401350	53 GRAND CENT	<1	<5	<5	0.3	5	5.2
QD526312	7848625	401350	53 GRAND CENT	<1	<5	<5	0.2	5	4.4
QD526313	7848650	401350	53 GRAND CENT	1	<5	<5	0.3	5	4.3
QD526314	7848675	401350	53 GRAND CENT	<1	<5	5	0.3	5	5.3
QD526315	7848700	401350	53 GRAND CENT	1	<5	5	0.4	5	6.1
QD527726	7848400	397880	53 GRAND CENT	1	<5	5	0.8	15	7.9
QD527727	7848425	397880	53 GRAND CENT	<1	<5	10	1.9	15	8.8
QD527728	7848450	397880	53 GRAND CENT	<1	<5	5	1.0	15	8.8
QD527729	7848475	397880	53 GRAND CENT	<1	<5	10	1.0	15	8.6
QD527730	7848500	397880	53 GRAND CENT	<1	<5	10	1.1	15	9.6
QD527731	7848525	397880	53 GRAND CENT	<1	<5	10	1.2	15	9.6
QD527732	7848550	397880	53 GRAND CENT	<1	<5	10	1.2	15	9.5
QD527733	7848575	397880	53 GRAND CENT	<1	<5	10	1.2	15	11.0
QD527734	7848600	397880	53 GRAND CENT	<1	<5	15	1.5	15	14.6
QD527735	7848625	397880	53 GRAND CENT	<1	<5	15	1.3	15	11.1
QD527736	7848650	397880	53 GRAND CENT	1	<5	20	1.9	15	18.0
QD527737	7848675	397880	53 GRAND CENT	<1	<5	10	1.7	15	10.7
QD527738	7848700	397880	53 GRAND CENT	1	<5	10	1.7	15	12.4
QD527739	7848725	397880	53 GRAND CENT	1	<5	15	1.6	15	11.5
QD527740	7848750	397880	53 GRAND CENT	<1	<5	15	1.6	15	13.7
QD527741	7848775	397880	53 GRAND CENT						
QD527742	7848800	397880	53 GRAND CENT						
QD527743	7848825	397880	53 GRAND CENT	<1	<5	10	1.5	15	14.6
QD527744	7848850	397880	53 GRAND CENT	<1	<5	15	2.0	15	13.2
QD527745	7848350	397980	53 GRAND CENT	<1	<5	10	1.0	15	8.9
QD527746	7848375	397980	53 GRAND CENT	1	<5	5	1.0	15	7.6
QD527747	7848400	397980	53 GRAND CENT	4	<5	10	1.2	15	7.8
QD527748	7848425	397980	53 GRAND CENT	1	<5	5	0.8	10	6.3
QD527749	7848450	397980	53 GRAND CENT	<1	<5	5	0.8	10	7.1
QD527750	7848475	397980	53 GRAND CENT	1	<5	10	1.2	15	9.5
QD527751	7848500	397980	53 GRAND CENT	<1	<5	5	1.0	15	9.8
QD527752	7848525	397980	53 GRAND CENT	1	<5	10	1.2	15	10.1

TENNANT CK SOILS

- SE53-14

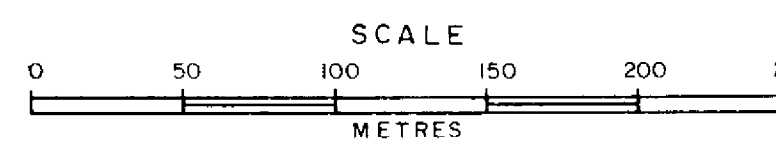
DIG. TECH			ASS. TECH		MESH SIZE		AUS2		AUS2		AUS2		AUS2		AUS2		AUS2		AUS2	
							-2mm+400u		-2mm+400u		-2mm+400u		-2mm+400u		-2mm+400u		-2mm+400u		-2mm+400u	
SAMPLE			NORTHING		EASTING		AMG AREA		AU		AS		AS		BI		CU		FE	
NUMBER			AMG		AMG		ZONE CODE		PPB		PPM		PPM		PPM		PPM		PCT	
QD527753	7848550	397980	53	GRAND	CENT		1	<5	10	1.4	745	0.000	11.4	0.000	0.000	0.000	0.000	0.000	0.000	
QD527754	7848575	397980	53	GRAND	CENT		1	<5	15	1.7	745	0.000	14.5	0.000	0.000	0.000	0.000	0.000	0.000	
QD527755	7848600	397980	53	GRAND	CENT		<1	<5	15	1.5	745	0.000	12.3	0.000	0.000	0.000	0.000	0.000	0.000	
QD527756	7848625	397980	53	GRAND	CENT		<1	<5	10	1.5	745	0.000	12.4	0.000	0.000	0.000	0.000	0.000	0.000	
QD527757	7848650	397980	53	GRAND	CENT		1	<5	10	1.5	745	0.000	12.4	0.000	0.000	0.000	0.000	0.000	0.000	
QD527758	7848675	397980	53	GRAND	CENT		1	<5	15	1.8	745	0.000	14.1	0.000	0.000	0.000	0.000	0.000	0.000	
QD527759	7848700	397980	53	GRAND	CENT		2	<5	20	2.5	745	0.000	14.4	0.000	0.000	0.000	0.000	0.000	0.000	
QD527760	7848725	397980	53	GRAND	CENT		6	<5	5	1.7	745	0.000	12.5	0.000	0.000	0.000	0.000	0.000	0.000	
QD527761	7848750	397980	53	GRAND	CENT		5	<5	10	1.9	745	0.000	13.5	0.000	0.000	0.000	0.000	0.000	0.000	
QD527762	7848775	397980	53	GRAND	CENT		6	<5	15	15.4	745	0.000	16.1	0.000	0.000	0.000	0.000	0.000	0.000	
QD527763	7848800	397980	53	GRAND	CENT		1	<5	10	1.0	745	0.000	9.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD527764	7848825	397980	53	GRAND	CENT		2	<5	10	1.8	745	0.000	8.9	0.000	0.000	0.000	0.000	0.000	0.000	
QD527765	7848850	397980	53	GRAND	CENT		5	<5	10	2.4	745	0.000	13.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD527778	7848950	401600	53	GRAND	CENT		<1	<5	<5	0.2	745	0.000	2.9	0.000	0.000	0.000	0.000	0.000	0.000	
QD527779	7848900	401600	53	GRAND	CENT		<1	<5	<5	<0.1	745	0.000	2.7	0.000	0.000	0.000	0.000	0.000	0.000	
QD527780	7848850	401600	53	GRAND	CENT		<1	<5	<5	<0.1	745	0.000	2.9	0.000	0.000	0.000	0.000	0.000	0.000	
QD527781	7848800	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD527782	7848750	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.4	0.000	0.000	0.000	0.000	0.000	0.000	
QD527783	7848700	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.5	0.000	0.000	0.000	0.000	0.000	0.000	
QD527784	7848650	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	2.8	0.000	0.000	0.000	0.000	0.000	0.000	
QD527785	7848600	401600	53	GRAND	CENT		<1	<5	<5	0.5	745	0.000	3.7	0.000	0.000	0.000	0.000	0.000	0.000	
QD527786	7848550	401600	53	GRAND	CENT		<1	<5	<5	0.3	745	0.000	4.6	0.000	0.000	0.000	0.000	0.000	0.000	
QD527787	7848500	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	5.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD527788	7848450	401600	53	GRAND	CENT		<1	<5	<5	<0.1	745	0.000	3.3	0.000	0.000	0.000	0.000	0.000	0.000	
QD527789	7848400	401600	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.8	0.000	0.000	0.000	0.000	0.000	0.000	
QD527790	7848350	401600	53	GRAND	CENT		<1	<5	5	0.2	745	0.000	6.3	0.000	0.000	0.000	0.000	0.000	0.000	
QD527793	7848950	401800	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD527794	7848900	401800	53	GRAND	CENT		<1	<5	<5	<0.1	745	0.000	3.2	0.000	0.000	0.000	0.000	0.000	0.000	
QD527795	7848850	401800	53	GRAND	CENT		<1	<5	<5	0.2	745	0.000	4.1	0.000	0.000	0.000	0.000	0.000	0.000	
QD527796	7848800	401800	53	GRAND	CENT		1	<5	<5	0.2	745	0.000	3.6	0.000	0.000	0.000	0.000	0.000	0.000	
QD527797	7848750	401800	53	GRAND	CENT		<1	<5	<5	0.3	745	0.000	3.2	0.000	0.000	0.000	0.000	0.000	0.000	
QD527798	7848700	401800	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	2.6	0.000	0.000	0.000	0.000	0.000	0.000	
QD527799	7848650	401800	53	GRAND	CENT		<1	<5	<5	0.1	745	0.000	3.7	0.000	0.000	0.000	0.000	0.000	0.000	
QD527800	7848600	401800	53	GRAND	CENT		<1	<5	<5	0.4	745	0.000	3.0	0.000	0.000	0.000	0.000	0.000	0.000	
QD561123	7848100	397800	53	GRAND	CENT		<1													
QD561125	7848150	397800	53	GRAND	CENT		2													
QD561126	7848200	397800	53	GRAND	CENT		1													
QD561127	7848250	397800	53	GRAND	CENT		2													
QD561128	7848300	397800	53	GRAND	CENT		<1													
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QD561130	7848400	397800	53	GRAND	CENT		<1													



LEGEND

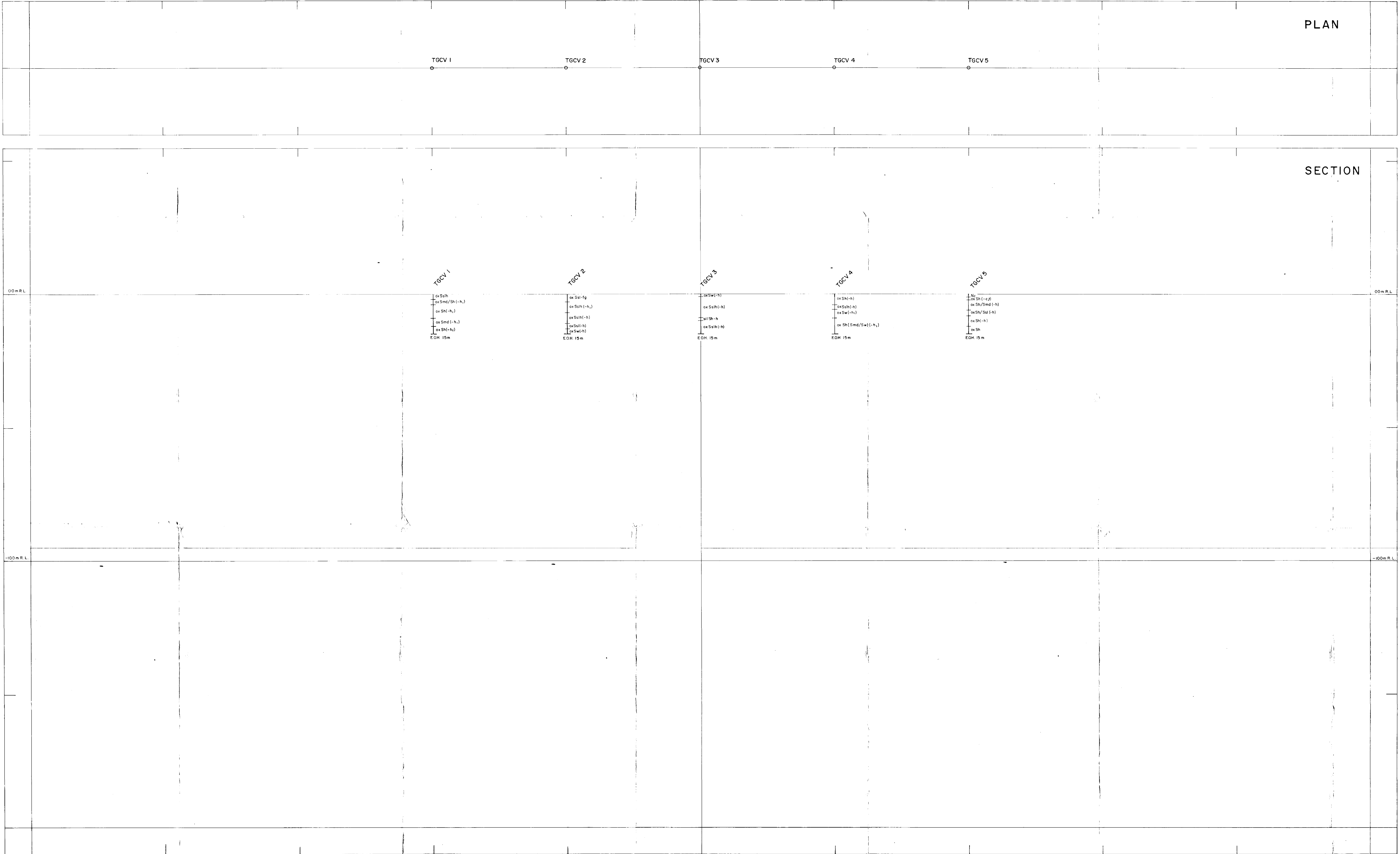
SHEET INDEX

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16



REVISIONS			
Revised by	Date	Revised by	Date

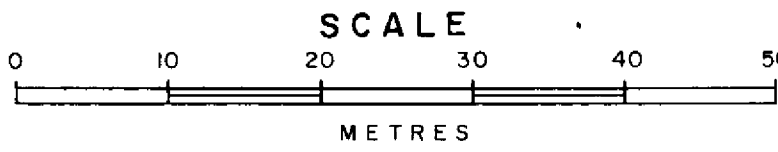
WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION	
GEOLOGICAL PLAN TELEGRAPH ROAD AREA - E.L.5497 TENNANT CREEK JOINT VENTURE - N.T.	
Author: R. EVANS	Map Ref:
Date: 8-11-89	Plan No.
Scale: 1:2500	7047/109



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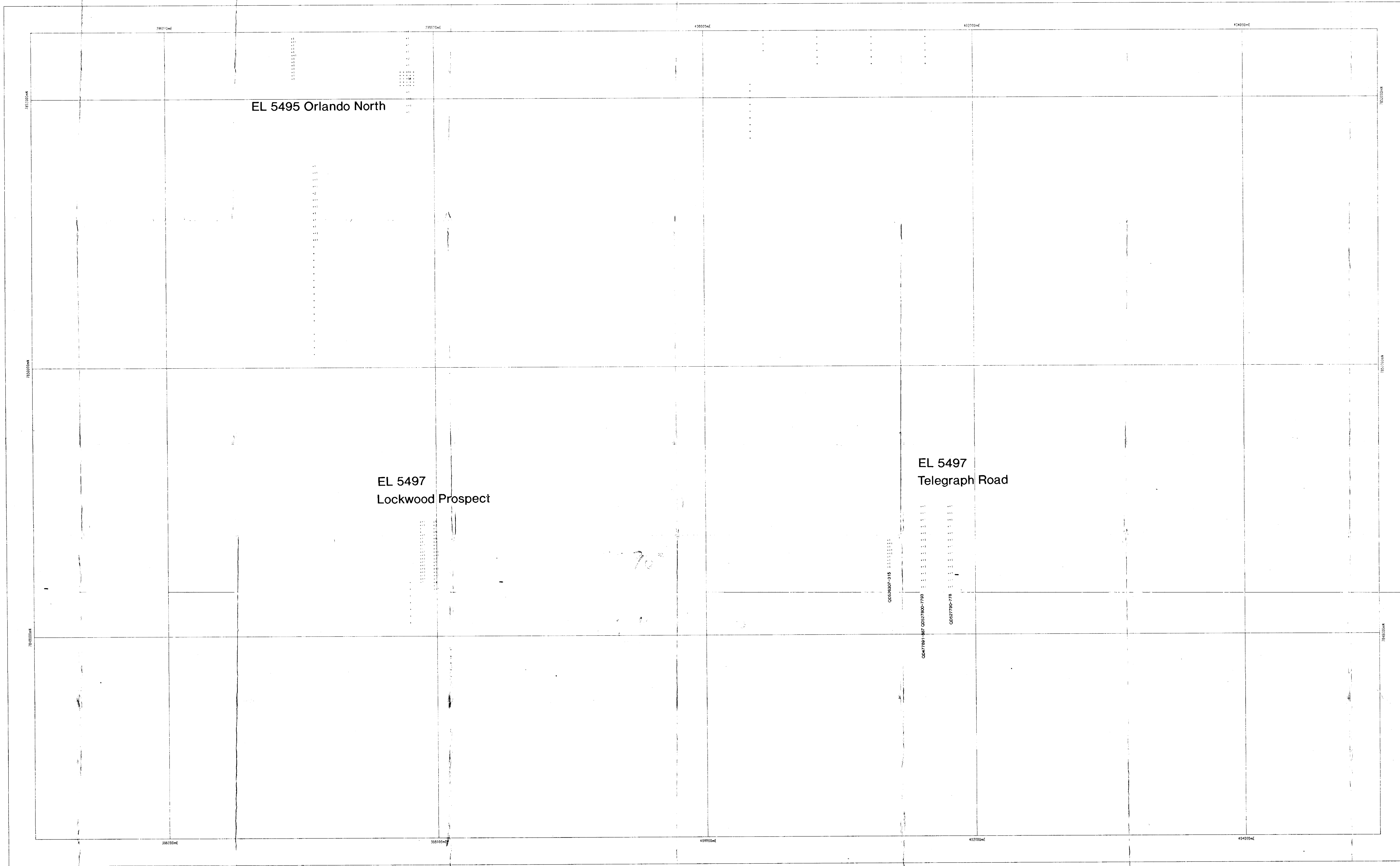
- Nso Transported cover sand
- Nc Colluvium
- h-q Ironstone: Massive specular haematic
- Ssl Siltstone
- Ssh Silt-shale
- Sw Wacke
- Sh Shale
- Iv Intermediate dyke

- ox- oxidised (max mottled, ox-slightly)
- c chloritic
- cy clayey
- fg ferruginous
- h haematitic
- q quartz

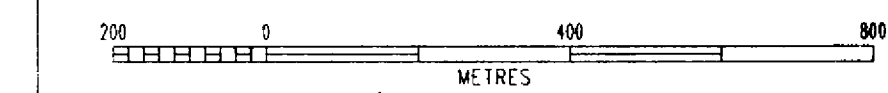


REVISIONS			
Revised by	Date	Revised by	Date

WESTERN MINING CORPORATION LIMITED	
EXPLORATION DIVISION	
CROSS SECTION	
GEOCKO SHEAR PROSPECT EL.5497	
TENNANT CREEK JOINT VENTURE AREA	
NORTHERN TERRITORY	
Author: R EVANS	Map Ref.
Date: 30-10-89	Plan No.
Scale: 1:500	7047/99



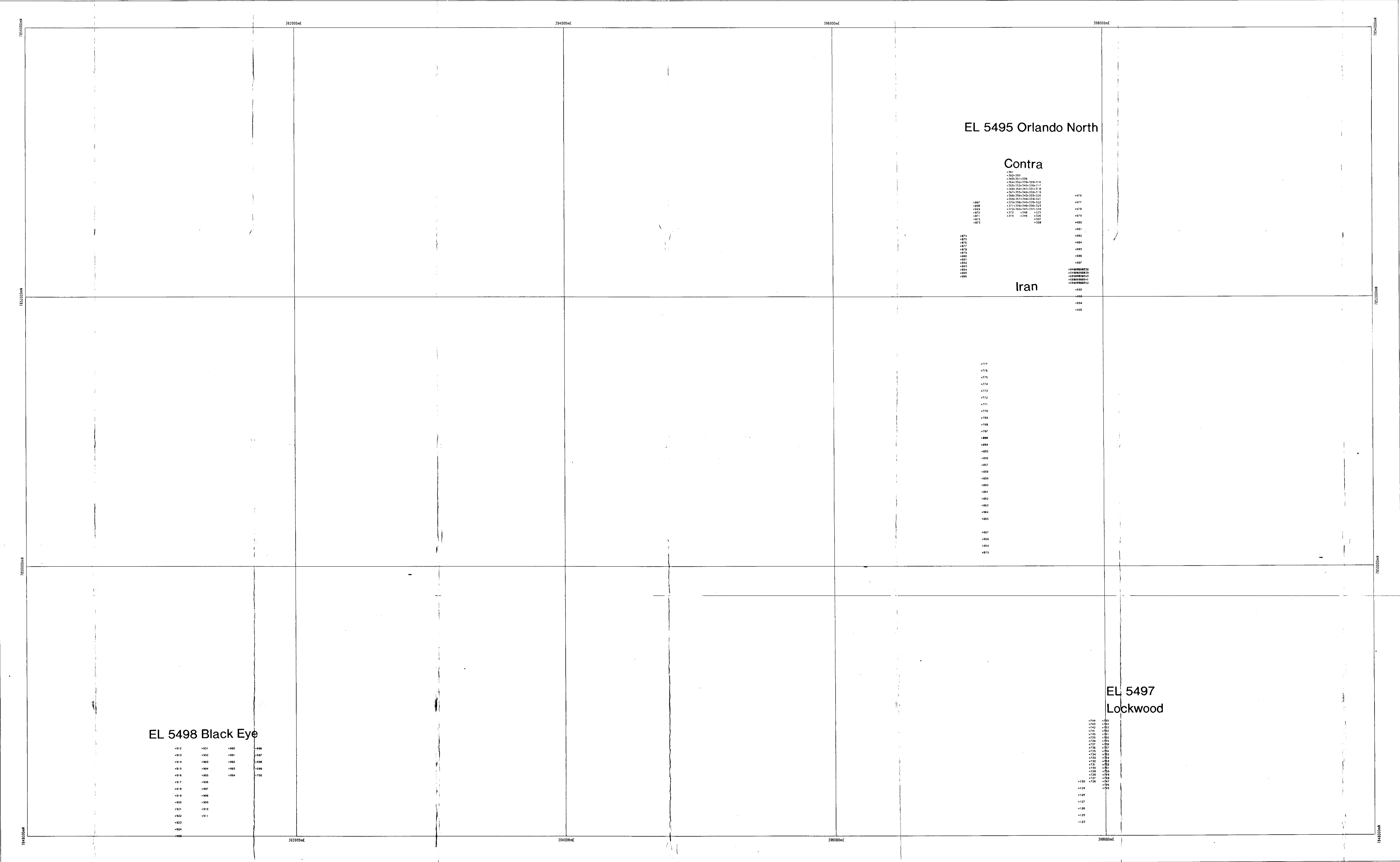
FULL DESCRIPTOR DETAILS
AU PPB AU30 AUSL2 -2mm+400u
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0052768100527682+1 0052768400527688+1
0052769000527695+1 0052772600527790+1
0052779300527800+1 0052785300527865+1
0052786700527876+1 0052787900527884+1
0052788700527890+1 0056100100561006+1
0056100900561042+1 0056112300561125+2
0056112600561135+1



REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION			
TENNANT CK SOILS SES3-14 ASSAY PLOT FOR AU PPB AU30 AUSL2 -2mm+400u GRAND CENTRAL + ORLANDO			
DATE: 27-OCT-89	AUTHOR: LCHENWETH	PLAN NO.	
SCALE: 1:10000	MAP REF:		

WORKING SHEET ONLY
CR90-158



FULL DESCRIPTOR DETAILS
SAMPLE NUMBER
SAMPLE NUMBER STRINGS
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REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION			
TENNANT CK SOILS SE53-14 SAMPLE LOCATIONS ORLANDO NORTH			
DATE: 8-JAN-90	AUTHOR: L.CHENOWETH	PLAN NO.	
SCALE: 1 : 10000	MAP REF.		

WORKING SHEET ONLY
CR90-158