

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

SECOND ANNUAL REPORT
EXPLORATION LICENCE 5494
NOVEMBER 20, 1988 TO NOVEMBER 19, 1989

Ref:
1:250,000 NATMAP SE 53-14
Tennant Creek

1:100,000 DM & E 52/2
Flynn

RICHARD EVANS
November, 1989

RE8

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
Magnetic Contour Plan	1:50,000
Soil Sampling Assay Data	
Soil Sampling Location Plan	1:10,000

3

1. TENURE

Exploration Licence 5494 was granted to Giant's Reef Mining Pty. Ltd. (GRM) on November 20, 1987. The E.L. covered an area of six square kilometres (two blocks). This was reduced by half on the grant's second anniversary, at 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 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

Beyond initial reconnaissance geological traverses and the distributed component of the acquisition of a regional database, exploration has so far concentrated on the minor amounts of subcrop and lesser outcrop within the Licence Area. Soil sampling has been carried out in two areas, over part of a small ground located magnetic peak (Last Princess) which lies in a trend of ironstone related magnetic activity leading to the Queen of Sheba mineralisation, and a cross strike reconnaissance line (Eastern Block) in an area of alteration and shearing. There was no geochemical anomalism.

The development of a regional database and interpretation of the Tennant Creek area's geology is continuing. This involves the acquisition and comparison of geophysical and geological data as well as aerial photography and Landsat TM imagery.

3. EXPENDITURE

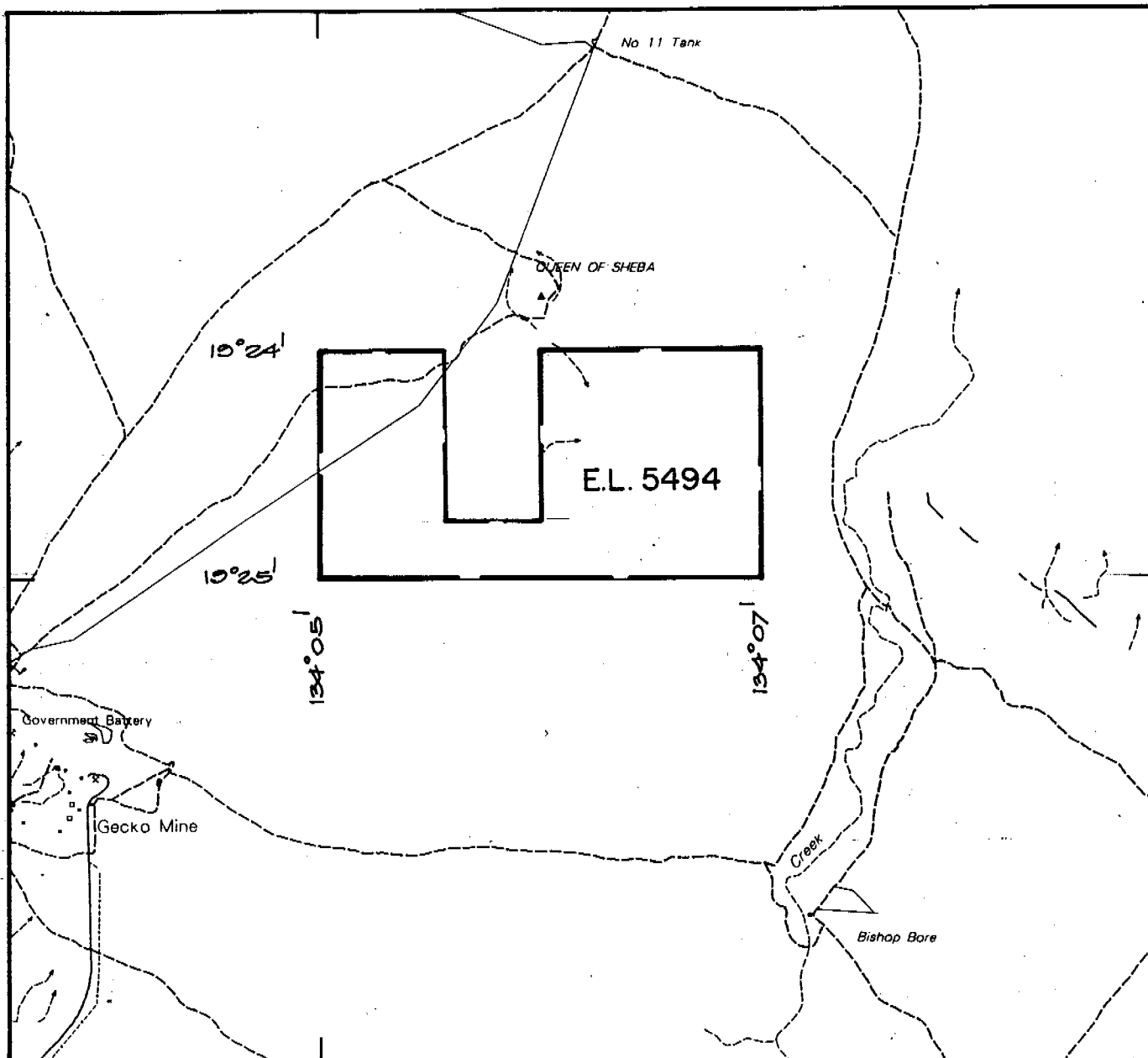
Expenditure attributable to this Exploration Licence, for the period November 20, 1988 to September 30, 1989, is as follows:

	\$
Geology	6,318
Geophysics	3,005
Geochemistry	325
Drafting	2,487
Analysis	314
Leasing	776
Administration	7,582

	\$20,807

Of this total, \$7,742 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.



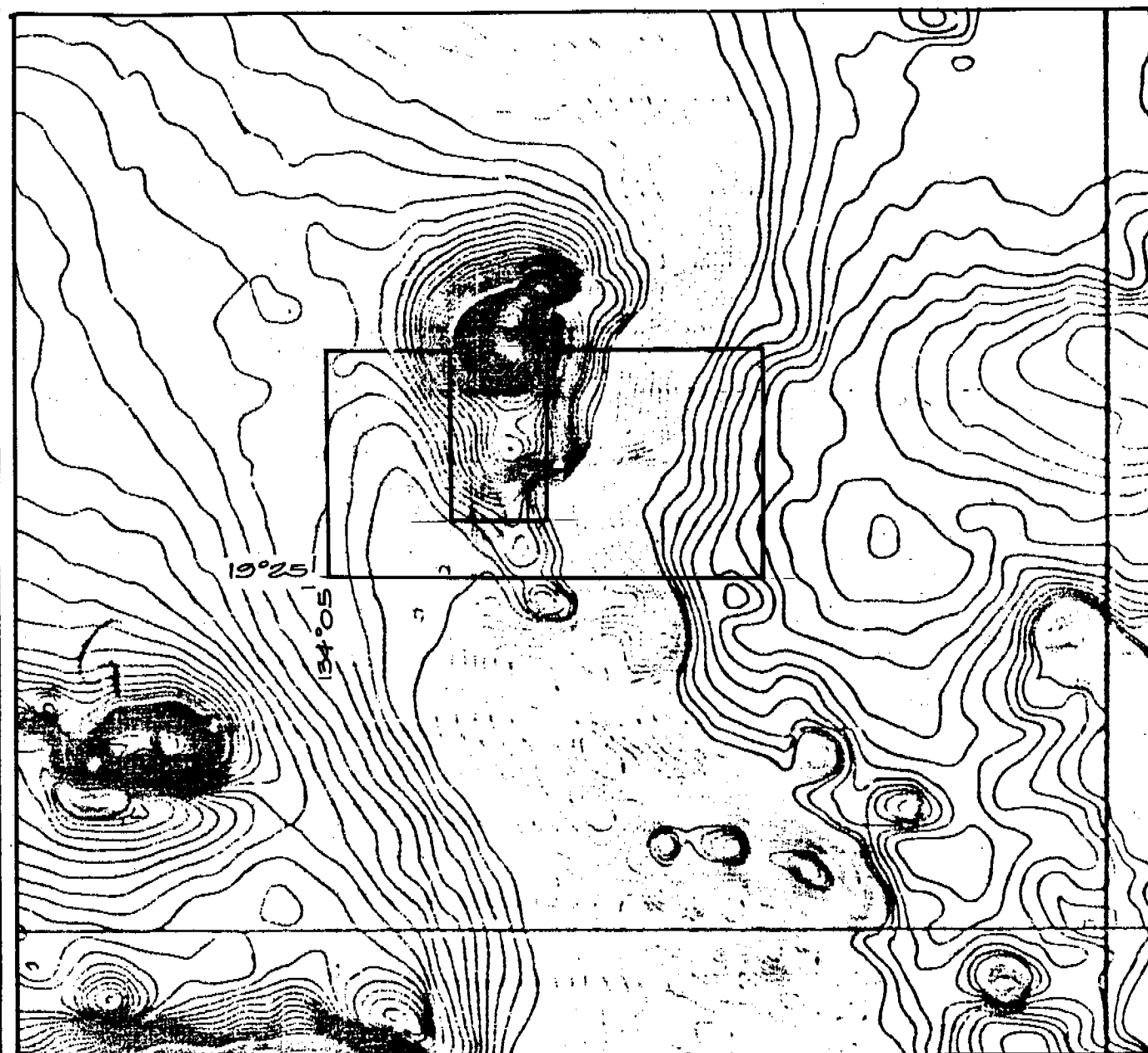
AREA OF THIS
REPORT E.L. 5494.

INDEX TO ADJOINING SHEETS

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



WESTERN MINING CORPORATION LIMITED - EXPLORATION DIVISION			Scale 1:50 000
Map Ref.	SE53-14	LOCATION PLAN E.L. 5494.	Figure No.
Date	30. 11. 69		Plan No.
Author	D.A.B. R. EVANS.		7047 / 122
Revised			
TENNANT CREEK JOINT VENTURE N.T.			



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 CB000
DOWNWARD VOLUME 50340 cc NorTD
UPWARD VOLUME 8390 cc NorTD
CYCLE RATE 0.5 seconds
SAMPLE INTERVAL 30 metres

DATA ACQUISITION
SONOTEK ICSS1
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

© COPYRIGHT 1988-FLUSTREX INTERNATIONAL LTD

This map is and remains the property of Flustrex International Ltd. Copyright in this map is reserved solely to Flustrex International Ltd and the map has been delivered and received subject to the following conditions:

- (1) It will not be used for any purpose other than for which it has been supplied.
- (2) It is not to be used in any way against the interests and benefit of Flustrex International Ltd.
- (3) This map and all copies of it, other than those lodged with Government authorities or those necessary for record and maintenance purposes, will be returned to Flustrex International Ltd on demand.
- (4) If information disclosed by this map shall be kept confidential.



AREA OF THIS
REPORT.
E.L. 5404.

INDEX TO ADJOINING SHEETS

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



WESTERN MINING CORPORATION LIMITED - EXPLORATION DIVISION

Map Ref. SE53-14
Date 30.11.89
Author D.A.B.
R. EVANS
Revised

MAGNETIC CONTOUR PLAN
E.L. 5404

TENNANT CREEK JOINT VENTURE N.T.

Scale 1:50 000

Figure No.

Plan No.

7047 / 123

6

405000E

405500E

7853500N

7853500N

5350

5330

5310

7853000N

7853000N

5290

405000E

405500E

WESTERN MINING CORPORATION - EXPLORATION DIVISION

SCALE 1: 5000

DATE 24/08/89

AUTHOR

R.Miles

TCJV - LAST PRINCESS
GROUND MAGNETICS
STACKED PROFILES

Base Level: 51000nT Z Scale: 1cm = 50nT

FIG.No.

PLAN No.

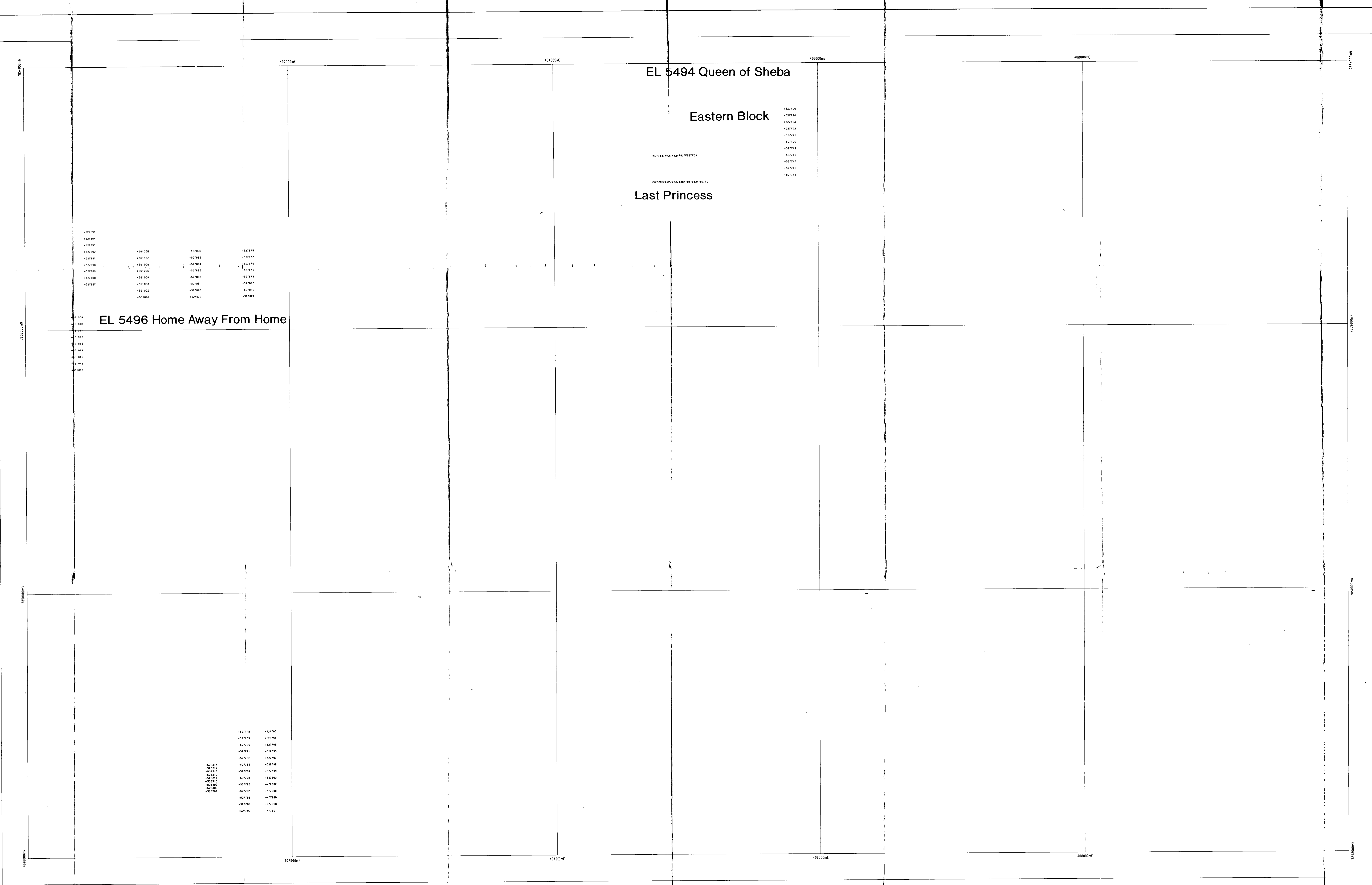
TENNANT CK SOILS

- SE53-14

DIG. TECH
ASS. TECH
MESH SIZE

SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG AREA ZONE CODE	AU30 AUSL2 -2mm+400u	AU30 AA -2mm+400u	PYSTB AAHYD -2mm+400u	PYSTB AAHYD -2mm+400u	PYSTB AA -2mm+400u	PYSTB AA -2mm+400u
				AV PPB	AS PPM	AS PPM	BI PPM	CU PPM	FE PCT
Q0527701	7853100	405100	53 Q-OF-SHEBA	<1	<5	5	0.4	5	4.6
Q0527702	7853100	405050	53 Q-OF-SHEBA	<1	<5	5	0.4	5	3.5
Q0527703	7853100	405000	53 Q-OF-SHEBA	<1	<5	5	0.6	10	4.4
Q0527704	7853100	404950	53 Q-OF-SHEBA	<1	<5	5	0.3	10	3.8
Q0527705	7853100	404900	53 Q-OF-SHEBA	<1	<5	5	0.3	10	3.6
Q0527706	7853100	404850	53 Q-OF-SHEBA	<1	<5	5	0.6	10	6.3
Q0527707	7853100	404800	53 Q-OF-SHEBA	<1	<5	5	0.5	10	4.3
Q0527708	7853100	404750	53 Q-OF-SHEBA	<1	<5	5	0.3	5	3.5
Q0527709	7853300	405000	53 Q-OF-SHEBA	<1	<5	5	0.4	5	3.4
Q0527710	7853300	404950	53 Q-OF-SHEBA	<1	<5	5	0.3	5	3.0
Q0527711	7853300	404900	53 Q-OF-SHEBA	<1	<5	5	0.4	5	3.7
Q0527712	7853300	404850	53 Q-OF-SHEBA	<1	<5	<5	0.3	5	2.8
Q0527713	7853300	404800	53 Q-OF-SHEBA	<1	<5	5	0.3	5	3.6
Q0527714	7853300	404750	53 Q-OF-SHEBA	<1	<5	5	0.3	10	4.8
Q0527715	7853150	405750	53 Q-OF-SHEBA	<1	<5				
Q0527716	7853200	405750	53 Q-OF-SHEBA	<1	<5				
Q0527717	7853250	405750	53 Q-OF-SHEBA	<1	<5				
Q0527718	7853300	405750	53 Q-OF-SHEBA	<1	<5				
Q0527719	7853350	405750	53 Q-OF-SHEBA	<1	<5				
Q0527720	7853400	405750	53 Q-OF-SHEBA	<1	<5				
Q0527721	7853450	405750	53 Q-OF-SHEBA	<1	<5				
Q0527722	7853500	405750	53 Q-OF-SHEBA	<1	<5				
Q0527723	7853550	405750	53 Q-OF-SHEBA	<1	<5				
Q0527724	7853600	405750	53 Q-OF-SHEBA	<1	<5				
Q0527725	7853650	405750	53 Q-OF-SHEBA	<1	<5				

Number of data records printed = 25



FULL DESCRIPTOR DETAILS
SAMPLE NUMBER
SAMPLE NUMBER STRINGS
0047788700477891*1 0052630700526315*1
0052770100527725*1 0052777800527790*1
0052777800527800*1 0052787100527895*1
0056100100561017*1



REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CK SOILS SE53-14 SAMPLE LOCATIONS		
DATE: 14-DEC-89	AUTHOR: LOHENOWETH	PLAN NO.
SCALE: 1 : 10000	MAP REF.	