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EL 2218

FOWLER

ANNUAL AND PROGRESS REPORTS FOR THE PERIOD 25/10/96 TO 24/10/99

Submitted by

Minotaur Gold NL
1999

Enquiries: Customer Services
Ground Floor
101 Grenfell Street, Adelaide 5000

Telephone: (08) 8463 3000
Facsimile: (08) 8204 1880

PRIMARY INDUSTRIES AND RESOURCES SA

MESA D

Minotaur Gold

A.C.N. 061 559 840

Minotaur Gold NL
1A Gladstone Street, Fullarton 5063, South Australia
Tel: +61 8 8338 3333 Fax: +61 8 8338 3233 Email mingold@ozemail.com.au

EXPLORATION LICENCE 2218
FOWLER

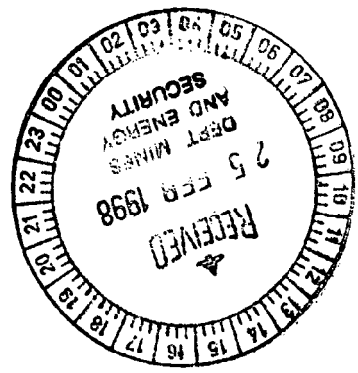
1ST ANNUAL TECHNICAL REPORT

25TH OCTOBER 1996 TO 24TH OCTOBER 1997

A. P. BELPERIO
CHIEF GEOLOGIST

21ST JANUARY 1998

MAP REFERENCE
FOWLER, CHILDARA SH53-13, SH53-14
1:100,000 MAP SHEETS 5534, 5535, 5634, 5635



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INTRODUCTION

Exploration Licence 2218 (Fowler) comprising 3 areas (A, B, C) covering a total of 1478 km^2 north of Ceduna (Figure 1) was granted to Minotaur Gold NL on October 25th 1996 for one year with an exploration expenditure commitment of $175,000. Areas A and B, being within the Yellabinna Regional Reserve on unalianated crown land and subject to Native Title Claims, could not be accessed for exploration without formal agreements with Native Title Claimants. Area C, being on freehold agricultural land, was accessed initially for regional calcrete sampling. However, following a Native Title mediation conference in Ceduna on April 2nd 1997, field operations on area C were also suspended pending the development of a Native Tiltle Agreement for all of EL 2218 and the preparation of statutory notices under Part 9B of the Mining Act.

NATIVE TITLE

EL 2218 is affected currently by the following registered Native Title Claims:

SC 95/5 ("Ted Roberts")	(Areas A, B)
SC 96/1 ("Maralinga Tjarutja")	(Areas A, B)
SC 97/5 ("Wirangu #1")	(Areas A, B)
SC 97/6 ("Wirangu #2")	(Area C)

Also in preparation but currently unregistered is a claim by Yabi Dinah

In close proximity but not directly affecting EL 2218 are Native Title claims SC 95/13 (Mirning) and SC 96/2 (Yalata).

A formal mediation conference called by the Native Title tribunal for claims SC 95/13, SC 96/1 and SC 96/2 was attended in Ceduna on 2-3rd April 1997. As one of 14 exploration companies affected by the overlapping claims, consensus was reached on continuing negotiations for a common access agreement through the Far West Coast Native Title Working Group under the auspices of the Aboriginal Legal Rights Movement.

Several meetings and discussions were held between representatives of the exploration companies and the ALRM on behalf of claimants resulting in an in-principal acceptable agreement that would allow access for calcrete sampling subject to a common regional clearance survey funded pro-rata by the companies. On August 18th 1997, a public announcement was made by ALRM, FWCWG, SA Chamber of Mines and the National Native Title tribunal announcing agreement between 5 Aboriginal Groups (Mirning, Maralinga Tjarutja, Yalata, Wirangu and Yabi Dinah) and fourteen exploration companies on procedures that would allow entry and exploration within their claim areas.

The ***Access Clearance and Native Title Mining Agreement*** was signed by Minotaur on 25th August 1997 and countersigned by the ALRM, Maralinga Tjarutja Native Title Claimants, Wirangu Native Title Claimants and Yabi Dinah Native Title Claimants at at a Community meeting held at Peetina (Head of the Bight) on the 25th - 26th October 1997. Ted Roberts remains outside of this agreement as of the date of this report. Clearance surveys to identify archaeological, spiritual and historical locations under this agreement were undertaken in October to December 1997 by anthropologists Scott Cane and Suzi Hutchings with representatives from each of the claimant groups.

A report on Minotaur's Els 2218 and 2184 is awaited.

Simultaneously, formal notices pursuant to part 9B of the SA Mining Act, 1971, were prepared in late 1997 (Form 26 Statutory Notice of Intentions of Negotiation with Native Title Parties and Public Notices under the Native Title (South Australia) Regulations 1995) to ensure legal compliance and allow the agreement to be registered with the State Mining Register in 1998.

In addition to the comprehensive negotiations with traditional owners and Native Title claimants through the Far West Coast Native Title Working group, Aboriginal Heritage was also addressed through formal enquiry of the Register of Aboriginal Sites and and objects through the Department of State Aboriginal Affairs. Their advice received September 10th, 1997 was that registered and recorded sites exist in Area C. Minotaur requested on September 17th , site determinations of the Minister of Aboriginal Affairs for all registered and recorded sites in Area C.

ENVIRONMENTAL REQUIREMENTS

Areas A and B lie within Yellabinna Regional Reserve, requiring a formal Declaration of Environmental Factors to be prepared for approval by MESA and DENR. Results of area clearance under the Native Title Agreement are awaited prior to preparing a DEF.

GEOLOGICAL FRAMEWORK

The FOWLER and CHILDARA geological map sheets provide little information on the nature and complexity of the high grade Archaean and Proterozoic basement terrain in the licence area. Isolated outcrops of Mesoproterozoic Hiltaba Granite are indicated within a vast expanse of aeolian sand and calcareous soil

Aeromagnetic coverage by MESA as part of the South Australian Exploration Initiative in 1993 together with merged detailed Company data has provided a new overview of the Region (Fig. 2) that, together with available drillhole and outcrop data, allows a major improvement in bedrock geology and structural interpretation (Fig.3).

In particular, an extensive array of northeast trending shear zones with co-genetic granitoids provides the conceptual framework for granite-related copper-gold and shear zone hosted gold mineralisation.

PREVIOUS EXPLORATION

Previous exploration activity over the licence areas is summarised in Table 1 and Figure 4.

Five previous tenements over **EL2218A** all relate to diamond exploration as outlined below:

Tenement: EL0825 - Midgerie
Holder: Stockdale Prospecting Ltd
Issue Date: April 13, 1981
Expiry Date: April 12, 1983
Term of 24 months.
Related Documents: ENV 4266

Bibliographic Summary:
ENV 4266: Tarcoola-Barton. Progress and final reports for the period 11/4/81 to October 1990. Exploration for diamonds in the Barton region during the period 1981-1987 comprised evaluation of targets generated by interpretation of an airborne magnetic-radiometric-VLF-EM survey

(Aerodata, 1981). Follow-up works including loam sampling, Sirotem, helicopter-borne magnetic-VLF, ground magnetic and gravity surveys, and RC, RAB and mud drilling (91 holes, total 6,0001m) were undertaken without disclosing kimberlitic indicators or kimberlite. Subsequent precious and base-metal exploration comprised an appraisal of existing data, and follow-up IP and gravity surveys (Geoterrex), percussion drilling (five holes, total 605m) and diamond drilling (one hole, 161m), but with no encouraging results.

Tenement: EL0826 - Lyons
Holder: Stockdale Prospecting Ltd
Issue Date: April 13, 1981
Expiry Date: April 12, 1983
Term of 24 months.
Related Documents: ENV 4266

Bibliographic Summary:
ENV 4266: Tarcoola-Barton. Progress and final reports for the period 11/4/81 to October 1990. Exploration for diamonds in the Barton region during the period 1981-1987 comprised evaluation of targets generated by interpretation of an airborne magnetic-radiometric-VLF-EM survey (Aerodata, 1981). Follow-up works including loam sampling, Sirotem, helicopter-borne magnetic-VLF, ground magnetic and gravity surveys, and RC, RAB and mud drilling (91 holes, total 6,0001m) were undertaken without disclosing kimberlitic indicators or kimberlite. Subsequent precious and base-metal exploration comprised an appraisal of existing data, and follow-up IP and gravity surveys (Geoterrex), percussion drilling (five holes, total 605m) and diamond drilling (one hole, 161m), but with no encouraging results.

Tenement: EL1146 - Midgerie
Holder: Stockdale Prospecting Ltd
Issue Date: June 3, 1983
Expiry Date: June 2, 1988
Term of 60 months.
Related Documents: ENV 4266

Bibliographic Summary:
ENV 4266: Tarcoola-Barton. Progress and final reports for the period 11/4/81 to October 1990. Exploration for diamonds in the Barton region during the period 1981-1987 comprised evaluation of targets generated by interpretation of an airborne magnetic-radiometric-VLF-EM survey (Aerodata, 1981). Follow-up works including loam sampling, Sirotem, helicopter-borne magnetic-VLF, ground magnetic and gravity surveys, and RC, RAB and mud drilling (91 holes, total 6,0001m) were undertaken without disclosing kimberlitic indicators or kimberlite. Subsequent precious and base-metal exploration comprised an appraisal of existing data, and follow-up IP and gravity surveys (Geoterrex), percussion drilling (five holes, total 605m) and diamond drilling (one hole, 161m), but with no encouraging results.

Tenement: EL1147 - Lyons
Holder: Stockdale Prospecting Ltd
Issue Date: June 3, 1983
Expiry Date: June 2, 1988
Term of 60 months.
Related Documents: ENV 8140

Bibliographic Summary:

ENV 8140: Lyons, Mount Christie, Barton, Immarna and Immarna South. Relinquishment report.
Wilson, P.D.
TARGET: Diamonds in the Barton region.
EXPLORATION: An aerial magnetic-radiometric-VLF EM survey (line spacing : 300 metres; altitude : 70 metres) and evaluation of 142 potential kimberlite targets generated by the survey by 3 phases of geophysical evaluation, each followed by a drilling programme. (59 holes totalling 4359 metres).
RESULTS: No potentially diamondiferous rocks were discovered.

ENV 8140: Report on the drilling at Barton, South Australia. (Appendix 1 to relinquishment report.)
Blight, D.F.
EL01149
TARGET: An intense circular magnetic anomaly located 5 km SW of Barton and believed to be caused by carbonatite.
EXPLORATION: Four drill holes totalling 360 metres.
RESULTS: The cause of the anomaly was an ?Ordovician gabbroic body with tholeiitic affinities and no anomalous trace element geochemistry.

Tenement: EL1522 - Midgerie
Holder: Stockdale Prospecting Ltd
Issue Date: September 29, 1988
Expiry Date: September 28, 1991
Term of 36 months.
Related Documents: ENV 8562, ENV 4266

Bibliographic Summary:
ENV 8562: Midgerie, Barton South, and Mount Christie. Partial relinquishment report for the period 13/4/81 to 29/9/91.
TARGET: Diamonds in the Tallacootra-Barton-Wynbring region; precious and base metal exploration by joint venture partners.
EXPLORATION: Diamonds :
Evaluation of targets generated by interpretation of an airborne magnetic-radiometric-VLF-EM survey. Follow-up work included loam sampling, Sirotem, ground magnetic and gravity surveys, and drilling (43 holes totalling 2708 metres).
Base and precious metals :
Appraisal of existing data, and follow-up gravity surveys and percussion drilling (3 holes totalling 353 metres).
RESULTS: No kimberlitic indicators or kimberlites were disclosed. No encouraging results were derived from metal exploration.

ENV 4266: Tarcoola-Barton. Progress and final reports for the period 11/4/81 to October 1990. Exploration for diamonds in the Barton region during the period 1981-1987 comprised evaluation of targets generated by interpretation of an airborne magnetic-radiometric-VLF-EM survey (Aerodata, 1981). Follow-up works including loam sampling, Sirotem, helicopter-borne magnetic-VLF, ground magnetic and gravity surveys, and RC, RAB and mud drilling (91 holes, total 6,0001m) were undertaken without disclosing kimberlitic indicators or kimberlite. Subsequent precious and base-metal exploration comprised an appraisal of existing data, and follow-up IP and gravity surveys (Geoterrex), percussion drilling (five holes, total 605m) and diamond drilling (one hole, 161m), but with no encouraging results.

Six former Exploration Licences covering **EL2218B** included BHP, MIM, Aberfoyle, National Mineral Sands and Peko Exploration as summarised below.

Tenement: EL0847 - Nalara Rockhole
Holders: BHP Minerals Ltd and Dampier Mining Co. Ltd
Issue Date: July 20, 1981
Expiry Date: July 19, 1982
Term of 12 months.
Related Documents: ENV 4344

Bibliographic Summary:
ENV 4344: To 20-9-82 (4 reports) o 20-09-82(4 reps).
EL00847
No abstract is currently available for this document in the MESA database.

Tenement: EL1111 - Poondinga Rockhole
Holder: Mount Isa Mines Ltd
Issue Date: February 25, 1983
Expiry Date: February 24, 1985
Term of 24 months.
Related Documents: ENV 5077

Bibliographic Summary:
ENV 5077: Poondinga Rock. Progress and final reports from 24.5.83 to 24.2.85.
Binks, P.J.
EL01111
13 drill holes (974.5 metres) over large gravity anomaly intersected granular amphibolite with variable magnetite, which probably represents an original intermediate igneous pre-Kimban intrusive. It is of higher density than the local Hiltaba Granite and the presence of magnetite explains the magnetic anomalies. Only minor pyrite was observed and assay values were uniformly low.

Tenement: EL1521 - Pulkatha
Holder: Aberfoyle Resources Ltd
Issue Date: September 29, 1988
Expiry Date: March 28, 1990
Term of 18 months.
Related Documents: ENV 8104

Bibliographic Summary:
ENV 8104: Nalara; Pulkatha. Reports for the period from 28/9/88 to 28/3/90.
TARGET: Heavy mineral sands in the Eocene Hampton Sandstone of the Eucla Basin.
EXPLORATION: Landsat and aerial photograph data review, reverse circulation drilling (97 holes totalling 1953 metres; maximum depth 31 metres).
RESULTS: Trace heavy minerals (maximum 0.5%), observed in aeolian and lacustrine sediments of Quaternary and late Tertiary age. Target Eocene sands not intersected.

Tenement: EL1599 - Moornaba Rockhole
Holders: National Mineral Sands (SA) NL and Swan Resources NL
Issue Date: July 25, 1989
Expiry Date: January 24, 1993

Term of 42 months.
Related Documents: ENV 8684

Tenement: EL1600 - Euria Well
Holders: National Mineral Sands (SA) NL and Swan Resources NL
Issue Date: July 25, 1989
Expiry Date: January 24, 1992
Term of 30 months.
Related Documents: ENV 8561

Bibliographic Summary:
ENV 8561: Yaranna Hill; Euria Well; Kooniba Mission. Relinquishment report for the period to February 1992.
Jurica, C.;Rothnie, C.
TARGET: Heavy mineral sands north of Bookabie and in the Koonibba area.
EXPLORATION: Photogeological study and reconnaissance reverse circulation drilling (88 holes totalling 1510 metres).
RESULTS: Minor low-grade occurrences of heavy minerals were intersected.

Tenement: EL1722 - Pulkatha
Holder: Peko Exploration Ltd
Joint Venturer: Resolute Resources Ltd
Issue Date: May 17, 1991
Expiry Date: May 16, 1992
Term of 12 months.
Related Documents: ENV 8630

Bibliographic Summary:
ENV 8630: Barton, Pulkatha and Nalara. Relinquishment report for the period May 1991 to May 1992.
Jurica, A.
TARGET: Heavy-mineral sands in Tertiary sediments in the Eucla Basin, north of Ceduna.
EXPLORATION: A review of data, helicopter-assisted soil sampling and, on EL1717, reconnaissance RC drilling (55 holes totalling 1 168 metres).
RESULTS: Drilling defined anomalous areas in the foredune facies of the Ooldea Sand, but the potentially mineralised Miocene sand unit was not intersected.
In EL's 1721 and 1722, a review of data and soil sampling results did not warrant follow-up. EL 1721 was partially relinquished.

Four historic exploration licences covering the area of **EL 2218C** included CRA, BHP, Aberfoyle and National Mineral Sands as summarised below.

Tenement: EL1090 - Kalanbi
Holder: CRA Exploration Pty Ltd
Issue Date: December 6, 1982
Expiry Date: December 5, 1983
Term of 12 months.
Related Documents: ENV 5048

Bibliographic Summary:
ENV 5048: Kalanbi. Progress reports from 6/3/83 to 7/2/84.
Finch, I.D.

EL01090
20 km north of Ceduna, high amplitude anomalies were tested by drilling of 29 holes (1200 metres) in search of cumulate style mineralization. An inferred mafic ultrabasic suite is limited in size to the Main Kalanbi sequence and mineral province is unlikely.

Tenement: EL1264 - Charoba Tank
Holder: BHP Minerals Ltd
Issue Date: December 3, 1984
Expiry Date: March 29, 1985
Term of 3 months.
Related Documents: ENV 6011

Bibliographic Summary:
ENV 6011: Charoba Tank, Euria Well. First and final quarterly report.
The low proportion of heavy minerals derived from bedrock in loam samples and presence of thick Tertiary cover downgraded potential.

Tenement: EL1521 - Pulkatha
Holder: Aberfoyle Resources Ltd
Issue Date: September 29, 1988
Expiry Date: March 28, 1990
Term of 18 months.
Related Documents: ENV 8104

Bibliographic Summary:
ENV 8104: Nalara; Pulkatha. Reports for the period from 28/9/88 to 28/3/90.
TARGET: Heavy mineral sands in the Eocene Hampton Sandstone of the Eucla Basin.
EXPLORATION: Landsat and aerial photograph data review, reverse circulation drilling (97 holes totalling 1953 metres; maximum depth 31 metres).
RESULTS: Trace heavy minerals (maximum 0.5%), observed in aeolian and lacustrine sediments of Quaternary and late Tertiary age. Target Eocene sands not intersected.

Tenement: EL1601 - Kooniba Mission
Holders: National Mineral Sandss (SA) NL and Swan Resources NL
Issue Date: July 25, 1989
Expiry Date: January 24, 1992
Term of 30 months.
Related Documents: ENV 8561

Bibliographic Summary:
ENV 8561: Yaranna Hill; Euria Well; Kooniba Mission. Relinquishment report for the period to February 1992.
Jurica, C.;Rothnie, C.
TARGET: Heavy mineral sands north of Bookabie and in the Koonibba area.
EXPLORATION: Photogeological study and reconnaissance reverse circulation drilling (88 holes totalling 1510 metres).
RESULTS: Minor low-grade occurrences of heavy minerals were intersected.

FIELD OPERATIONS - CALCRETE SAMPLING

Initial regional calcrete sampling undertaken in November 1996 on 1km centres is listed in Table 2 and shown diagrammatically in Figure 5. Samples were analyzed in two batches, at Analabs and Amdel in Adelaide.

Significant inter-laboratory differences in absolute values of various elements are evident in the data despite similar detection limmits quoted by the Companies (Table 2 and Fig.6). The relative extraction of elemental concentrations are significantly lower for Au, Cu, Mo and Ni for the Analab methodology, with the opposite for As. Clearly, the intermixing of different laboratory analytical methods is not appropriate.

Field operations were supended in April 1997 as Native Title discussions commenced.

FIGURE CAPTIONS

FIGURE 1. Location of EL 2218

FIGURE 2. Regional aeromagnetic image

FIGURE 3. Regional bedrock structure (from MESA West Gawler Craton GIS Dataset)

FIGURE 4. Selected historical tenements over EL 2218

FIGURE 5. Location of regional calcrete sample sites EL 2218C, November 1996 showing the analytical laboratory used.

FIGURE 6. Grid image of Au-in-calcrete with values posted. Note the discrepancies due to inter-laboratory differences

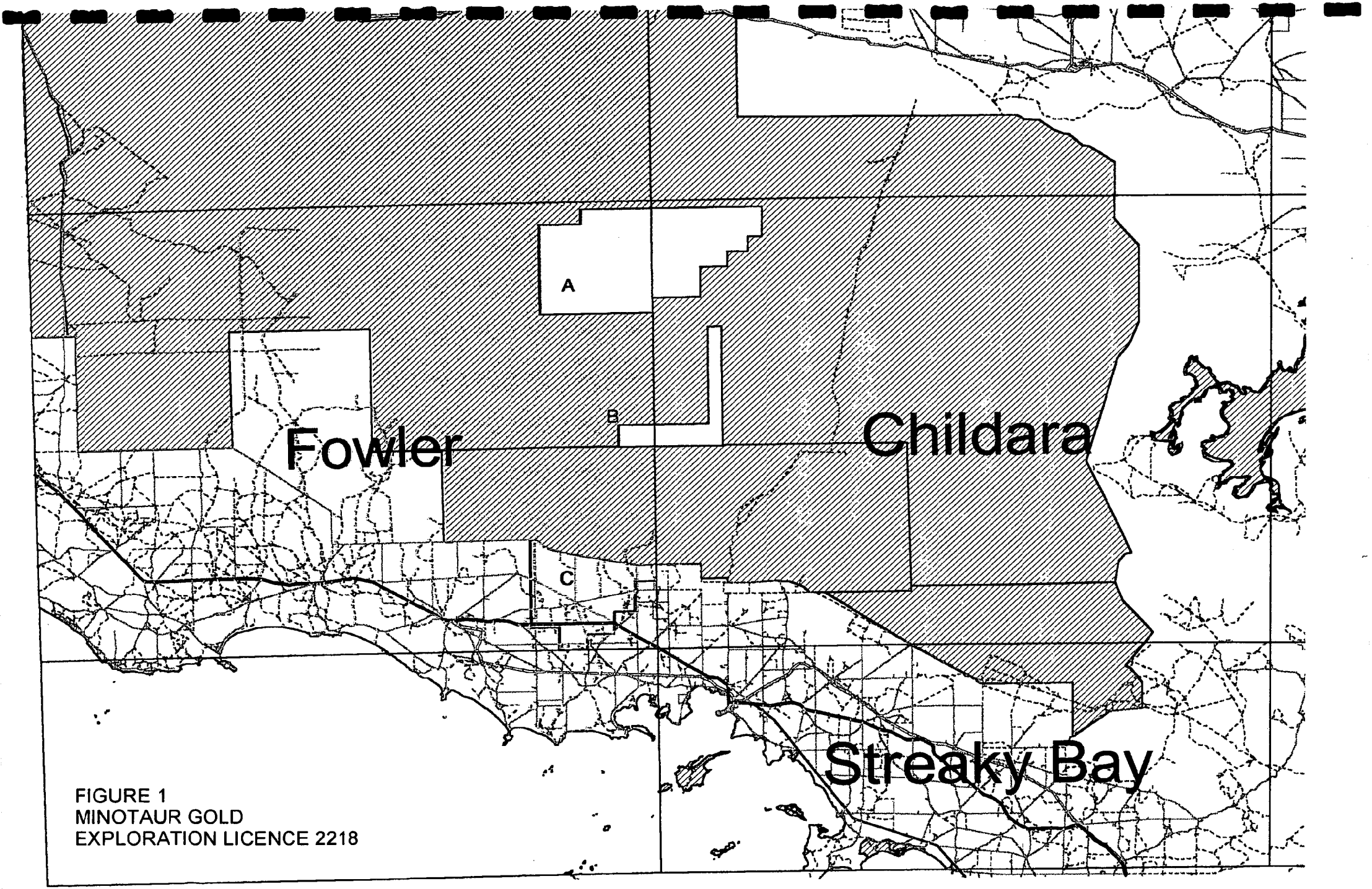


FIGURE 1
MINOTAUR GOLD
EXPLORATION LICENCE 2218

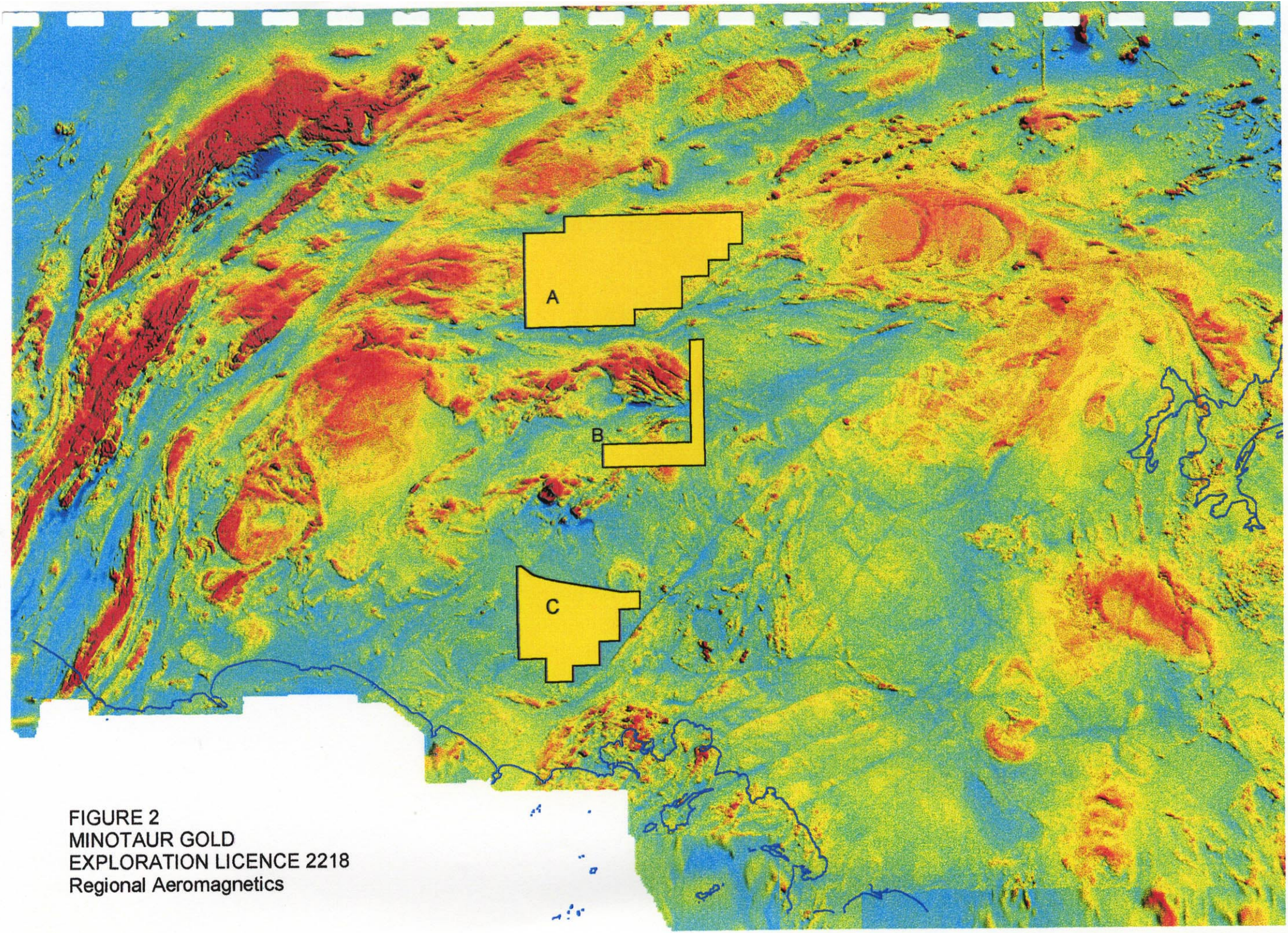


FIGURE 2
MINOTAUR GOLD
EXPLORATION LICENCE 2218
Regional Aeromagnetics

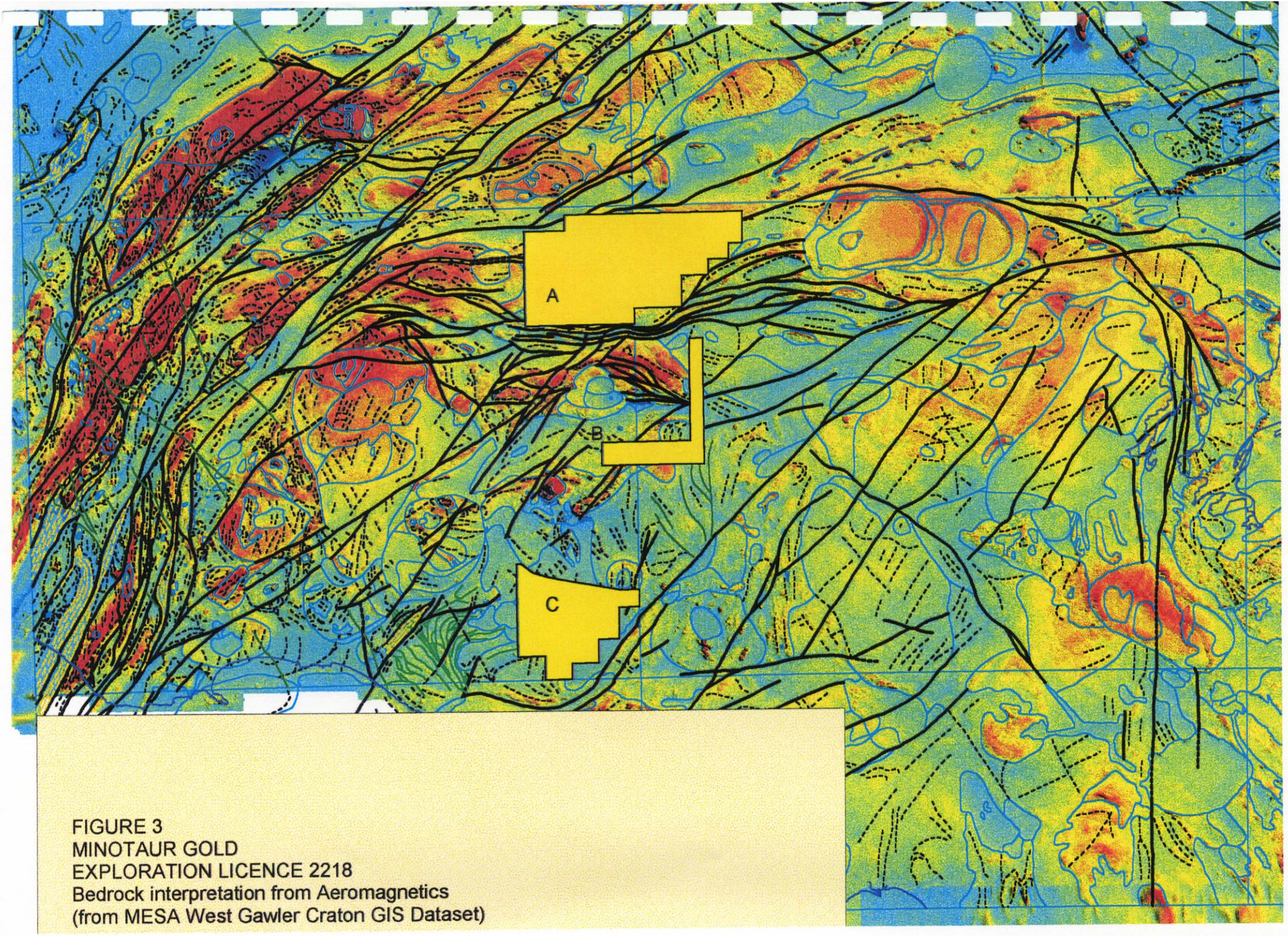


FIGURE 3
MINOTAUR GOLD
EXPLORATION LICENCE 2218
Bedrock interpretation from Aeromagnetics
(from MESA West Gawler Craton GIS Dataset)

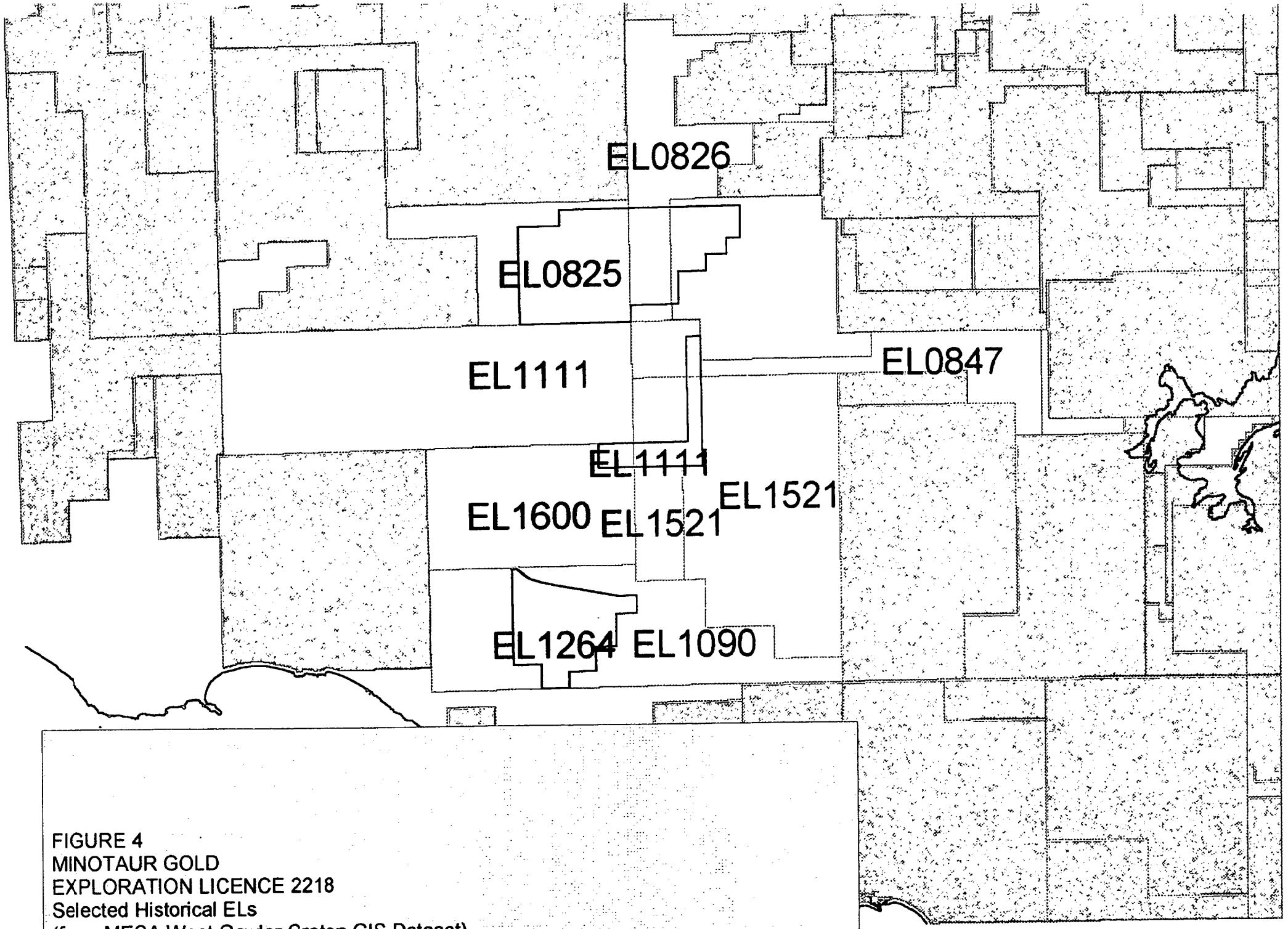


FIGURE 4
MINOTAUR GOLD
EXPLORATION LICENCE 2218
Selected Historical ELs
(from MESA West Gawler Craton GIS Dataset)

MINOTAUR GOLD NL
FOWLER AREA C
Calcrete Sample Sites Oct 1996 - April 1997
1 = Analabs 2 = Amdel

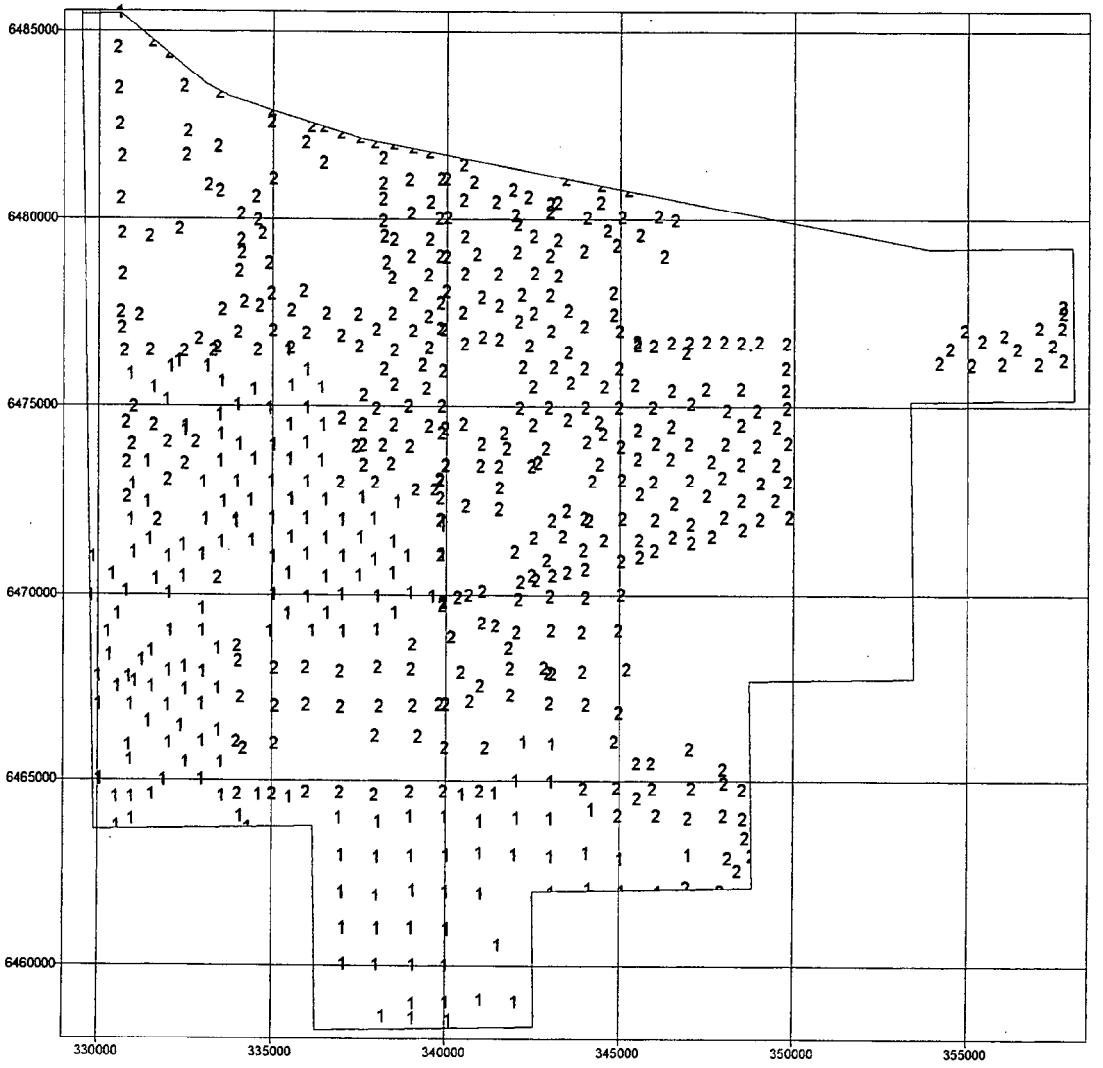


Figure 5

MINOTAUR GOLD NL
FOWLER AREA C
Au(ppb) in CALCRETE
IMAGE & POSTED VALUES

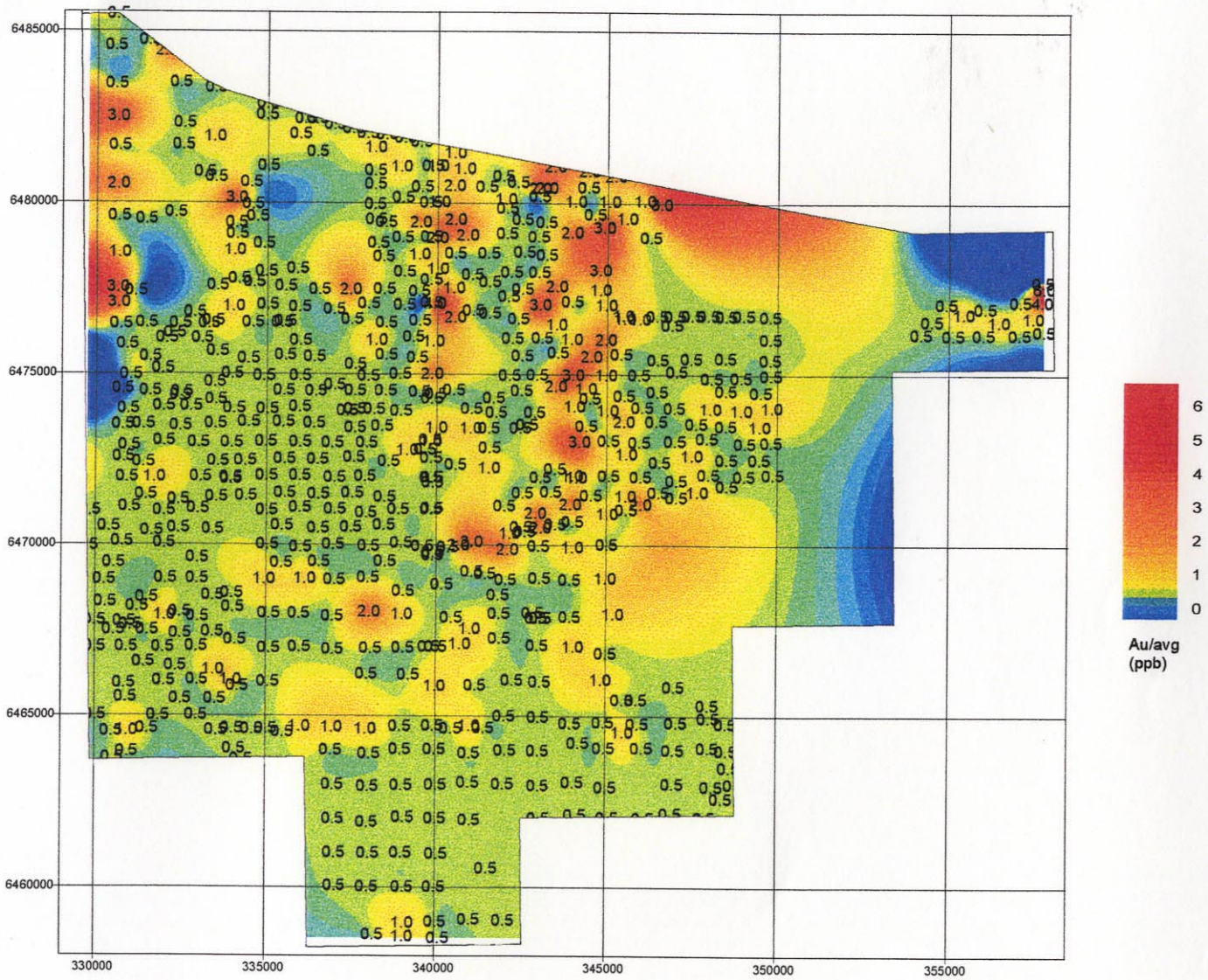


Figure 6

Table 1. Historical Exploration Licences

Tenement	Name1	Holder1	Holder2	Jv1	Period	Env1	Env2	Granted	Expired	Term
EL0825	Midgerie	Stockdale Prospecting Ltd			24	ENV 4266		4/13/81	4/12/83	24
EL0826	Lyons	Stockdale Prospecting Ltd			24	ENV 4266		4/13/81	4/12/83	24
EL0847	Nalara Rockhole	BHP Minerals Ltd	Dampier Mining Co. Ltd		12	ENV 4344		7/20/81	7/19/82	12
EL1090	Kalanbi	CRA Exploration Pty Ltd			12	ENV 5048		12/06/82	12/05/83	12
EL1111	Poondinga Rockhole	Mount Isa Mines Ltd			24	ENV 5077		2/25/83	2/24/85	24
EL1146	Midgerie	Stockdale Prospecting Ltd			60	ENV 4266		6/03/83	6/02/88	60
EL1147	Lyons	Stockdale Prospecting Ltd			60	ENV 8140		6/03/83	6/02/88	60
EL1264	Charoba Tank	BHP Minerals Ltd			5	ENV 6011		12/03/84	3/29/85	3
EL1521	Pulkatha	Aberfoyle Resources Ltd			19	ENV 8104		9/29/88	3/28/90	18
EL1522	Midgerie	Stockdale Prospecting Ltd			12	ENV 8562	ENV 4266	9/29/88	9/28/91	36
EL1599	Moornaba Rockhole	National Mineral Sands (SA) NL	Swan Resources NL		42	ENV 8684		7/25/89	1/24/93	42
EL1600	Euria Well	National Mineral Sands (SA) NL	Swan Resources NL		30	ENV 8561		7/25/89	1/24/92	30
EL1601	Kooniba Mission	National Mineral Sands (SA) NL	Swan Resources NL		30	ENV 8561		7/25/89	1/24/92	30
EL1722	Pulkatha	Peko Exploration Ltd		Resolute Resources Ltd	12	ENV 8630		5/17/91	5/16/92	12

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
330943	6464552	1	Analabs	1	-	1	15.8	14.2	5.4	21	4	15	30	m	hard h/f
330909	6465539	2	Analabs	0.5	-	0.5	29.2	13.9	6.4	13	2	8.5	35	m	med/hard m/f
330863	6465951	3	Analabs	0.5	-	0.5	25.4	10.5	5.9	11	3	7	40	m	med/hard m/f
330932	6467018	4	Analabs	0.5	-	0.5	30.4	6.5	7.9	6	2	4.4	5	m	v/hard m/f
331047	6467653	5	Analabs	0.5	0.5	0.5	29.7	6	7.7	23	3	4	5	m	v/hard m/f
331243	6468201	6	Analabs	0.5	-	0.5	24.5	8.4	6.6	27	4	3.4	15	n	nodular h/f
330315	6468334	7	Analabs	0.5	-	0.5	35.4	5.6	7.2	2.5	3	4.1	20	m	v/hard l/f
330275	6468980	8	Analabs	0.5	-	0.5	21.4	13.1	5.8	2.5	3	7	30	m	med/hard h/f
330546	6469477	9	Analabs	0.5	-	0.5	21.5	5.2	5.2	17	2	2	10	n	nodular h/f
329769	6469965	10	Analabs	0.5	-	0.5	27.7	5.8	6.6	16	3	5.4	10	m	v/hard m/f
330412	6470549	11	Analabs	0.5	-	0.5	26.2	7.7	7.5	17	4	2.6	25	n	nodular m/f
329839	6470999	12	Analabs	0.5	-	0.5	35.3	4.6	5.8	10	3	1.8	15	n	nodular m/f
330789	6470098	13	Analabs	0.5	-	0.5	28.1	7.5	7.9	11	3	5	15	m	v/hard h/f
330016	6467023	14	Analabs	0.5	-	0.5	23.6	8.9	5	10	3	5.4	45	m	med/hard h/f
330559	6467510	15	Analabs	0.5	-	0.5	23.8	12.7	5.3	10	3	4.4	25	m	med/hard h/f
329990	6467782	16	Analabs	0.5	-	0.5	28	8.1	5.5	11	4	5	25	n	nodular h/f
330868	6467759	17	Analabs	0.5	-	0.5	29.8	8.8	7.2	2.5	4	2.9	5	m	v/hard h/f
330031	6465022	18	Analabs	0.5	-	0.5	29.5	9.3	4.4	6	4	3.7	30	n	nodular h/f
330505	6464546	19	Analabs	0.5	-	0.5	26.5	7.3	4.3	2.5	4	4.4	100	n	nodular m/f
330533	6463771	20	Analabs	0.5	0.5	0.5	27.9	7.6	7.6	2.5	3	7	85	m	soft m/f
330966	6463958	21	Analabs	0.5	-	0.5	18.3	10.6	6.6	2.5	4	7.2	25	n	nodular h/f
331546	6464616	22	Analabs	0.5	-	0.5	25.9	11.1	5.9	2.5	4	5	30	m	med/hard m/f
331868	6464998	23	Analabs	0.5	-	0.5	26	8.8	6.5	2.5	4	5.7	85	n	nodular m/f
335505	6464536	24	Analabs	0.5	-	0.5	22.6	12.7	6	28	4	6.5	20	n	nodular m/f
341509	6460563	25	Analabs	0.5	-	0.5	12.5	10	7.1	30	4	10.6	55	n	soft m/f
341408	6464660	26	Analabs	0.5	-	0.5	24.7	13.5	6.9	29	4	6.3	30	n	nodular m/f
340985	6463915	27	Analabs	0.5	-	0.5	20.8	9.3	6.1	23	4	6.3	30	n	soft m/f
340457	6464636	28	Analabs	0.5	-	0.5	24.1	9.3	5.6	27	2	5.9	25	n	nodular m/f
340969	6463074	29	Analabs	0.5	-	0.5	24.3	10.2	6.1	30	4	6.1	30	n	nodular m/f
341000	6461966	30	Analabs	0.5	0.5	0.5	22.2	11.1	5.6	30	5	7.8	30	n	nodular h/f
340011	6462022	31	Analabs	0.5	-	0.5	20.1	8	5.9	27	4	8.4	70	m	soft m/f
340016	6463009	32	Analabs	0.5	-	0.5	20.2	7.5	5.4	25	3	8.3	75	n	soft m/f
339976	6464040	33	Analabs	0.5	-	0.5	17.8	9.7	5	26	5	6.2	20	m	soft h/f
340039	6460987	34	Analabs	0.5	-	0.5	22.2	14.9	5.2	29	5	7.2	20	m	soft m/f
339986	6460011	35	Analabs	0.5	-	0.5	27.9	9.7	6.9	25	5	9.2	25	m	med/hard m/f
339063	6460020	36	Analabs	0.5	-	0.5	26.4	10.1	5.7	27	4	6.6	35	m	hard h/f
339003	6461023	37	Analabs	0.5	-	0.5	27.7	6.7	5.8	26	4	6.5	35	n	small / nodular m/f
338013	6460025	38	Analabs	0.5	-	0.5	23.8	7	5.3	26	5	8.6	45	m	v/hard h/f
338044	6461006	39	Analabs	0.5	-	0.5	27.2	8.5	4.5	27	5	6.9	30	m	soft h/f
337036	6461024	40	Analabs	0.5	0.5	0.5	20.9	8	5.3	23	4	7	35	n	nodular h/f
337061	6460044	41	Analabs	0.5	-	0.5	21.2	8.5	5.7	18	0.5	7.3	25	m	med/hard h/f
337012	6462006	42	Analabs	0.5	-	0.5	20.7	8.8	5.6	19	0.5	10	30	n	soft/nodules h/f
336994	6463009	43	Analabs	0.5	-	0.5	24.9	11.6	6.8	18	0.5	11.9	40	n	soft/nodules h/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
336922	6463998	44	Analabs	0.5	-	0.5	30.9	9.4	3.8	19	0.5	6.1	20	m	hard h/f
338066	6463898	45	Analabs	0.5	0.5	0.5	16.5	9.5	6.7	18	0.5	7.6	25	m	v/hard h/f
338020	6462947	46	Analabs	0.5	-	0.5	15.7	8.9	5.6	10	0.5	5.6	25	m	hard h/f
338016	6461903	47	Analabs	0.5	-	0.5	22.3	7.2	6	26	0.5	8.7	70	n	soft/nodules h/f
339061	6462052	48	Analabs	0.5	-	0.5	34.1	10.9	6.1	27	0.5	9	35	m	hard m/f
339005	6462989	49	Analabs	0.5	-	0.5	25.5	11.3	5.1	27	0.5	7.7	40	m	med/hard m/f
338980	6464044	50	Analabs	0.5	-	0.5	21.5	9.3	3.8	20	0.5	5.2	35	m	med/hard m/f
330920	6475866	51	Analabs	0.5	-	0.5	18.9	6.9	7.6	21	0.5	3.9	20	n	nodular m/f
331595	6475506	52	Analabs	0.5	-	0.5	17.1	8.8	6.6	23	0.5	4.5	45	n	nodular m/f
331967	6475173	53	Analabs	0.5	-	0.5	32.8	5.6	10.2	24	0.5	3.9	10	n	nodular m/f
332511	6474477	54	Analabs	0.5	-	0.5	37.9	14.6	7.5	28	0.5	2.8	20	m	v/hard m/f
332479	6474374	55	Analabs	0.5	-	0.5	32.7	8.1	5.4	30	0.5	2.6	20	n	nodular m/f
333531	6474265	56	Analabs	0.5	-	0.5	15	7.2	4.6	25	1	2.3	20	n	nodular m/f
333508	6474769	57	Analabs	0.5	-	0.5	26.5	3.1	4.2	23	1	3.8	5	n	nodular m/f
333563	6475677	58	Analabs	0.5	-	0.5	13	8	7.4	23	1	7.3	100	n	soft/nodular h/f
333129	6476061	59	Analabs	0.5	-	0.5	19.2	10.5	7.6	29	1	3.2	45	n	nodular h/f
332305	6476198	60	Analabs	0.5	0.5	0.5	24.6	6.2	13.1	23	0.5	5.3	10	n	nodular h/f
332085	6476058	61	Analabs	0.5	-	0.5	26.3	9.3	9	26	2	4.5	10	n	nodular h/f
334059	6473997	62	Analabs	0.5	-	0.5	26.5	12.7	7.1	27	2	4.3	35	m	v/hard h/f
334009	6475022	63	Analabs	0.5	-	0.5	9.88	7.6	5.1	23	1	6.5	90	n	soft/nodular m/f
335988	6475987	64	Analabs	0.5	-	0.5	25.9	9.9	6.3	25	0.5	2.4	45	n	nodular m/f
335994	6474959	65	Analabs	0.5	-	0.5	24.7	6.2	5.4	24	0.5	2.1	40	n	nodular m/f
335984	6474047	66	Analabs	0.5	-	0.5	18.8	5.4	7.7	22	0.5	3.7	10	n	nodular m/f
335998	6473015	67	Analabs	0.5	-	0.5	19.8	8.3	6.9	23	0.5	3.8	25	n	nodular h/f
335535	6472526	68	Analabs	0.5	-	0.5	22	7.1	6.6	25	0.5	4.2	20	n	nodular h/f
335501	6473604	69	Analabs	0.5	-	0.5	23.4	4.4	7.9	22	0.5	3.1	10	n	nodular m/f
335508	6474529	70	Analabs	0.5	0.5	0.5	14.5	8.2	5.1	24	0.5	3	80	n	nodular h/f
335553	6475556	71	Analabs	0.5	-	0.5	13.9	7.6	7.9	22	0.5	5.5	100	n	soft/nodular m/f
335445	6476513	72	Analabs	0.5	-	0.5	25.1	3.4	7.9	21	0.5	2.7	50	n	nodular l/f
336406	6473573	73	Analabs	0.5	-	0.5	17.7	4.7	6.5	27	0.5	3.3	45	n	nodular m/f
336447	6474513	74	Analabs	0.5	-	0.5	17.6	6.6	6.1	26	0.5	2.9	40	n	nodular m/f
336396	6475505	75	Analabs	0.5	-	0.5	22.4	7.9	6.8	22	0.5	3.7	30	n	nodular m/f
334930	6474949	76	Analabs	0.5	-	0.5	25.9	6.7	5	29	0.5	4.5	30	n	nodular m/f
335024	6473986	77	Analabs	0.5	-	0.5	14.3	9.7	5	26	0.5	3.1	60	n	nodular m/f
334988	6473036	78	Analabs	0.5	-	0.5	14.3	10.5	8.4	21	0.5	7.4	50	n	nodular m/f
334483	6473609	79	Analabs	0.5	-	0.5	25.4	7.9	8.5	15	0.5	3.7	30	n	nodular m/f
334463	6475452	80	Analabs	0.5	0.5	0.5	16.2	6	5.3	22	0.5	3.8	100	n	soft/nodular m/f
337009	6471995	81	Analabs	0.5	-	0.5	29.5	4.4	6.4	13	0.5	3.1	10	n	nodular h/f
336522	6472504	82	Analabs	0.5	-	0.5	13.6	7.8	6	20	0.5	4.7	35	n	nodular h/f
337583	6472572	83	Analabs	0.5	-	0.5	28.9	5.3	5.1	18	0.5	2	10	n	nodular m/f
337531	6471519	84	Analabs	0.5	-	0.5	22.3	9.5	6.4	18	0.5	4.4	40	m	hard m/f
337918	6472024	85	Analabs	0.5	-	0.5	24	8.4	5.7	17	0.5	3.7	15	n	nodular m/f
338599	6472462	86	Analabs	0.5	-	0.5	27.6	7.2	5.6	24	0.5	2.3	15	m	v/hard h/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
338486	6471415	87	Analabs	0.5	-	0.5	28.2	5	3.8	15	0.5	2.2	15	n	nodular h/f
338891	6471052	88	Analabs	0.5	-	0.5	27.6	4.4	8.9	21	0.5	3.4	10	n	nodular m/f
339597	6469971	89	Analabs	0.5	-	0.5	17.7	10.8	7.5	20	0.5	4.5	20	n	nodular m/f
339886	6471083	90	Analabs	0.5	-	0.5	21.5	6.8	5.9	18	0.5	2.2	15	n	nodular m/f
330673	6477093	91	Amdel	3	2	2.5	28.3	16	15	3	1		10	n	nodular m/f
330639	6477519	92	Amdel	3	-9000	3	8.75	10	18	2	0.5		75	n	nodular h/f
330687	6478545	93	Amdel	1	-9000	1	31.4	25	13	2	2		35	n	nodular m/f
330668	6479611	94	Amdel	0.5	-9000	0.5	31.2	8	16	2	2		5	m	v/hard m/f
330632	6480548	95	Amdel	2	-9000	2	33.1	7	11	0.5	1		5	m	v/hard h/f
330680	6481656	96	Amdel	0.5	-9000	0.5	34.5	9	15	0.5	1		10	m	v/hard h/f
330615	6482509	97	Amdel	3	3	3	30.3	22	13	2	0.5		35	n	nodular m/f
330570	6483470	98	Amdel	0.5	-9000	0.5	31	6	13	0.5	0.5		30	m	v/hard m/f
330542	6484573	99	Amdel	0.5	-9000	0.5	32	15	13	2	1		20	n	nodular m/f
330593	6485501	100	Amdel	0.5	-9000	0.5	18.3	16	14	4	1		35	n	nodular m/f
331432	6466575	101	Analabs	0.5	-	0.5	16.7	8.4	8.6	13	0.5	8.8	80	n	h,mf,vh
331542	6467507	102	Analabs	0.5	-	0.5	16.6	8.7	5.8	20	0.5	6.8	70	n	h,mf,vh
331513	6468456	103	Analabs	0.5	-	0.5	20.9	8.7	5.5	23	0.5	5.2	70	n	h,mf,vh
332037	6467931	104	Analabs	1	-	1	18.8	13.9	8.4	23	0.5	9.5	80	n	h,mf,s
332488	6468037	105	Analabs	0.5	-	0.5	17.6	9.3	6.7	21	0.5	6.8	80	n	h,mf,s
332498	6467421	106	Analabs	0.5	-	0.5	24	9.4	5.6	20	0.5	5.4	60	nf	h,mf,h
331994	6467005	107	Analabs	0.5	-	0.5	21.7	12.7	5.9	20	0.5	7.2	30	n	h,mf,h
332366	6466462	108	Analabs	0.5	-	0.5	22.1	6.7	6.1	21	0.5	8	30	n	h,sf,vh
332973	6467035	109	Analabs	0.5	-	0.5	24.2	12.2	4.4	21	0.5	6.7	30	nf	h,mf,vh
333455	6467466	110	Analabs	0.5	0.5	0.5	17.1	10.7	7.1	14	2	8.8	50	n	h,sf,h
333013	6467907	111	Analabs	0.5	-	0.5	7.5	12.7	11.5	2.5	2	10.9	50	n	h,mf.s
333469	6466351	112	Analabs	1	-	1	22.4	11	6.3	25	0.5	6.8	50	n	h,mf,h
333446	6468530	113	Analabs	0.5	-	0.5	17.6	8.7	6.5	19	0.5	11.1	40	n	h,mf,h
332519	6465499	114	Analabs	0.5	-	0.5	25.4	10.8	4.6	22	0.5	5.7	40	n	h,mf,vh
332519	6465499	115	Analabs	0.5	-	0.5	20	8.9	6.8	25	0.5	8.8	50	n	h,mf,vh
332026	6466017	116	Analabs	0.5	0.5	0.5	18.1	8.9	7.4	22	0.5	7.5	40	nf	h,mf,h
332980	6465019	117	Analabs	0.5	-	0.5	21.3	6.9	5.9	26	0.5	6	40	n	h,mf,h
333001	6466045	118	Analabs	0.5	-	0.5	20.3	9.5	6.9	22	0.5	5.8	100	n	h,mf,h
333531	6465493	119	Analabs	0.5	-	0.5	23.6	7.7	4.6	26	0.5	5.7	40	nf	h,mf,h
333564	6464586	120	Analabs	0.5	-	0.5	20.5	7.1	7	20	0.5	7.2	50	f	h,mf,h
334619	6464611	121	Analabs	0.5	-	0.5	23.9	8.8	5.5	25	0.5	5.7	40	f	h,mf,h
334100	6464032	122	Analabs	0.5	-	0.5	13.1	6.6	4.4	26	0.5	4.8	40	n	h,mf,h
334306	6463728	123	Analabs	0.5	-	0.5	18	5.5	6.1	24	0.5	6.2	100	n	s,mf,h
342011	6459033	124	Analabs	0.5	0.5	0.5	16.5	4.4	5.6	17	0.5	6.9	80	p	s,mf,h
341014	6459071	125	Analabs	0.5	-	0.5	20.4	7.5	4.6	18	0.5	7.3	50	f	h,mf,h
340017	6459010	126	Analabs	0.5	-	0.5	18.6	4.8	4.5	29	0.5	6.3	50	n	h,mf,h
340109	6458521	127	Analabs	0.5	-	0.5	19.7	5.7	5.4	29	0.5	7.1	70	n	h,mf,h
339054	6458571	128	Analabs	1	-	1	21	6.8	4.6	31	0.5	5.7	50	n	h,mf,h
339060	6458968	129	Analabs	1	-	1	20	5.6	6.3	26	0.5	7.6	50	n	h,mf,h

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
338188	6458626	130	Analabs	0.5	0.5	0.5	20.4	5.6	5.5	25	0.5	10.4	40	f	h,mf,h
343048	6462012	131	Analabs	0.5	-	0.5	20.3	11.8	5.1	18	0.5	10.3	40	n	h,mf,h
344129	6462117	132	Analabs	0.5	-	0.5	20	8.4	5.6	19	0.5	6.9	40	f	h,mf,h
344037	6463069	133	Analabs	0.5	-	0.5	21.8	13.4	6	21	0.5	9.8	40	f	h,mf,h
343015	6462973	134	Analabs	0.5	-	0.5	21.7	10.8	5.1	21	0.5	5.5	40	f	h,mf,h
341975	6463019	135	Analabs	0.5	-	0.5	17.6	8.6	5.6	24	0.5	7.1	60	f	h,mf,h
342034	6464002	136	Analabs	0.5	-	0.5	22.4	12.6	5.6	24	0.5	6	50	f	h,mf,h
343003	6463988	137	Analabs	0.5	-	0.5	25.4	11.9	6.6	25	0.5	7.1	50	f	h,mf,h
344197	6464216	138	Analabs	0.5	-	0.5	19.2	9.5	7.7	23	0.5	8.2	80	n	h,mf,h
345015	6462925	139	Analabs	0.5	-	0.5	21.5	16.4	7	24	0.5	6.4	40	f	h,mf,h
346982	6463014	140	Analabs	0.5	-	0.5	18.6	14	6.4	29	0.5	6.4	40	f	h,mf,h
346127	6462023	141	Analabs	0.5	-	0.5	22.5	4.7	6.2	24	0.5	2.9	30	f	h,mf,h
345069	6462044	142	Analabs	0.5	-	0.5	17.3	6.4	5.3	25	1	5.2	60	n	h,sf,h
342015	6465001	143	Analabs	0.5	-	0.5	20.2	9.1	4.4	20	0.5	4.5	40	f	h,mf,h
342242	6466059	144	Analabs	0.5	-	0.5	18.6	9.1	5.5	24	0.5	3.2	30	f	h,mf,h
343062	6466011	145	Analabs	0.5	-	0.5	15	12.2	8	22	0.5	11.3	40	f	h,sf,h
343021	6464971	146	Analabs	0.5	-	0.5	16.4	14.3	6.6	19	0.5	8.1	30	f	h,sf,h
338977	6470062	147	Analabs	0.5	-	0.5	10.5	8.7	8.8	21	0.5	3.5	100	n	mh,mf
338467	6470589	148	Analabs	0.5	-	0.5	16.7	7.7	7.4	23	0.5	1.9	40	fn	vh,sf
337946	6470956	149	Analabs	0.5	-	0.5	19.4	6.5	7.6	22	1	3.8	30	f	vh,sf
338020	6469962	150	Analabs	0.5	0.5	0.5	11.6	8.2	5.7	20	0.5	5.2	100	n	h,sf
338509	6469534	151	Analabs	0.5	-	0.5	16.2	10	6.8	26	0.5	2.7	80	n	h,mf
338018	6469050	152	Analabs	0.5	-	0.5	19.3	9.8	5.6	24	1	2.7	30	fn	h,mf
337023	6468995	153	Analabs	0.5	-	0.5	16.9	6.9	6.4	22	1	2.7	20	f	vh,mf
336982	6470018	154	Analabs	0.5	-	0.5	14.1	10.5	6.6	23	1	1.8	50	n	h,mf
337504	6470524	155	Analabs	0.5	-	0.5	12.3	6.7	7	13	0.5	3.5	50	n	h,sf
337019	6471043	156	Analabs	0.5	-	0.5	14.3	8.2	7.4	24	1	2.3	40	f	vh,mf
336534	6471502	157	Analabs	0.5	-	0.5	21.9	5.9	5.4	33	2	1.1	30	f	vh,sf
336527	6470496	158	Analabs	0.5	-	0.5	19.8	5	7.1	25	1	5.7	20	fn	vh,mf
336003	6469943	159	Analabs	0.5	-	0.5	13.4	9.4	5.6	23	1	5.9	40	n	vh,mf
336566	6469505	160	Analabs	0.5	0.5	0.5	15.5	5.6	4.9	30	1	1.1	30	fn	h,mf
336140	6469023	161	Analabs	1	-	1	16	5.1	4.9	28	1	3.2	20	fn	h,mf
334949	6469007	162	Analabs	1	-	1	15.3	8.8	5.4	30	1	4.6	40	f	s,mf
335451	6469486	163	Analabs	0.5	-	0.5	15.7	6.4	4.8	26	1	2.7	45	fn	vh,sf
335043	6470011	164	Analabs	0.5	-	0.5	11	5.3	5.9	23	1	5.5	100	n	s,mf sparce n in sand
335467	6470577	165	Analabs	0.5	0.5	0.5	15.1	9	4.8	28	1	3.6	50	f	h,mf
335988	6471094	166	Analabs	0.5	-	0.5	15.3	9.1	5.5	18	1	0.6	40	f	h,mf
335017	6471022	167	Analabs	0.5	-	0.5	9.75	3.4	3.4	14	1	0.5	120	n	s,mf sparce n in sand
335542	6471527	168	Analabs	0.5	-	0.5	13.8	10.2	5.5	25	6	6.8	40	fn	s,mf
335985	6472042	169	Analabs	0.5	-	0.5	18.1	4.7	6.4	26	4	4	20	f	vh,mf
335003	6472026	170	Analabs	0.5	0.5	0.5	13.4	7.6	6.4	29	6	4.2	30	f	h,mf
334386	6472483	171	Analabs	0.5	-	0.5	11.8	5.9	6	28	0.5	3.8	80	fn	h,mf
333979	6471928	172	Analabs	0.5	0.5	0.5	20.9	5.3	5.5	31	0.5	1.6	15	f	vh,sf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
334422	6471446	173	Analabs	0.5	-	0.5	16	4.8	5.8	31	0.5	1.8	70	f	vh,sf
333991	6473010	174	Analabs	0.5	-	0.5	19.3	9.1	7.1	24	0.5	2.8	20	f	vh,sf
333524	6473568	175	Analabs	0.5	-	0.5	21.9	6.4	5.9	28	0.5	0.7	20	f	vh,mf
333030	6472999	176	Analabs	0.5	-	0.5	8.18	12.6	5.1	26	0.5	1	50	n	h,mf
333596	6472462	177	Analabs	0.5	-	0.5	20.8	6.3	5.7	26	0.5	1.4	40	f	vh,mf
333968	6471980	178	Analabs	0.5	-	0.5	22.2	4.5	6.1	26	0.5	1.8	30	n	vh,mf
333094	6471996	179	Analabs	0.5	-	0.5	13.1	7.4	7.6	15	0.5	4.4	50	f	h,sf
333554	6471408	180	Analabs	0.5	-	0.5	18.4	5.4	14.5	14	0.5	8.2	40	n	h,mf
333003	6471065	181	Analabs	0.5	-	0.5	11.3	7.8	7.7	27	0.5	3.4	50	n	h,sf
332440	6471330	182	Analabs	0.5	-	0.5	18	5.2	9.8	29	0.5	3.8	30	fn	vh,sf
332438	6470493	183	Analabs	0.5	-	0.5	14.7	9.5	6.3	34	0.5	4.9	40	f	h,mf
332011	6471012	184	Analabs	0.5	0.5	0.5	20.3	4.4	6.3	31	0.5	1	30	f	vh,mf
332055	6469014	185	Analabs	0.5	-	0.5	17.1	5.3	8.8	20	0.5	6.2	30	fn	h,mf
332027	6470052	186	Analabs	0.5	-	0.5	20.6	4	5.6	28	0.5	2.2	30	fn	vh,mf
331004	6471117	187	Analabs	0.5	-	0.5	19.4	5.4	4.9	31	0.5	3.4	30	fn	h,mf
331655	6470422	188	Analabs	0.5	-	0.5	19.8	5.7	7.2	34	0.5	1.6	20	f	vh.mf
332999	6469024	189	Analabs	0.5	-	0.5	15	7.3	6.3	30	0.5	4.4	50	fn	h,sf
332992	6469633	190	Analabs	0.5	0.5	0.5	16.1	10.3	8.1	30	0.5	7.1	40	f	vh,sf
330924	6471980	191	Analabs	0.5	-	0.5	11.2	9.5	5.6	29	0.5	6.7	50	n	h,mf
331476	6471471	192	Analabs	0.5	-	0.5	12.8	7.2	6.7	33	0.5	4.4	50	f	h,mf
331404	6472433	193	Analabs	0.5	-	0.5	14.1	9.4	7.3	31	0.5	6.3	50	n	h,mf
330984	6472923	194	Analabs	0.5	-	0.5	8.7	9.5	6.2	31	0.5	4	100	n	h,mf n throughout sand
331401	6473538	195	Analabs	0.5	-	0.5	7.85	5.9	4.9	26	0.5	6.8	100	n	h,mf
332802	6474071	196	Amdel	0.5	-9000	0.5	24.5	19	12	2	1		40	f	h,mf
332486	6473495	197	Amdel	0.5	-9000	0.5	16.6	11	10	1	0.5		60	f	h,mf
332002	6473061	198	Amdel	0.5	-9000	0.5	22.1	11	15	3	0.5		60	f	h,mf
331710	6471987	199	Amdel	1	-9000	1	19.4	11	10	3	1		60	f	h,mf
331995	6474066	200	Amdel	0.5	-9000	0.5	18.8	12	12	4	0.5		40	n	h,mf
331595	6474510	201	Amdel	0.5	-9000	0.5	30	9	13	0.5	1		40	n	h,mf
331021	6474981	202	Amdel	0.5	-9000	0.5	24.3	21	12	3	1		40	f	h,mf
330955	6473995	203	Amdel	0.5	-9000	0.5	20.9	11	11	0.5	0.5		50	f	h,mf
330827	6472575	204	Amdel	0.5	-9000	0.5	14.4	11	13	4	0.5		100	n	s,mf
330800	6473521	205	Amdel	0.5	-9000	0.5	13.3	3	7	2	1		80	f	h,mf
330789	6474568	206	Amdel	0.5	-1	-0.25	23.6	12	11	2	0.5		60	fn	h,mf
339898	6469713	207	Amdel	0.5	-9000	0.5	30.3	8	11	0.5	1		20	f	vh,mf
341428	6469171	208	Amdel	0.5	-9000	0.5	15.2	8	13	3	1		100	n	n throughout sand
342843	6468017	209	Amdel	0.5	-9000	0.5	31.9	7	15	0.5	0.5		40	n	vh,mf
340167	6468851	210	Amdel	0.5	-9000	0.5	29.9	8	15	0.5	1		40	n	vh.mf
340456	6467894	211	Amdel	0.5	-9000	0.5	30.6	11	13	0.5	0.5		30	nf	vh,sf
340702	6467119	212	Amdel	1	-9000	1	26.2	14	11	0.5	1		30	f	vh,sf
341147	6465894	213	Amdel	0.5	-9000	0.5	18.3	12	11	2	0.5		100	n	s,mf
340984	6464723	214	Amdel	1	-9000	1	15.2	13	13	3	1		50	f	h,mf
339929	6464717	215	Amdel	0.5	-9000	0.5	16.8	8	13	7	1		100	n	s,mf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
338968	6464705	216	Amdel	0.5	-9000	0.5	26.5	15	12	0.5	2		40	f	h,mf
337950	6464622	217	Amdel	1	-9000	1	24.3	14	15	4	0.5		50	f	s,mf
336954	6464673	218	Amdel	1	-9000	1	25.1	15	12	2	1		40	f	h,mf
339973	6465893	219	Amdel	1	-9000	1	24	15	11	1	1		50	f	h,mf
340009	6467044	220	Amdel	0.5	-9000	0.5	24	13	8	0.5	0.5		50	f	h,mf
339816	6467044	221	Amdel	0.5	-9000	0.5	31.8	9	12	4	1		20	f	vh,sf
339035	6468655	222	Amdel	0.5	-9000	0.5	25.3	12	10	1	1		40	f	vh,mf
339009	6467980	223	Amdel	1	-9000	1	24.4	13	9	1	2		40	f	h,mf
339051	6467005	224	Amdel	0.5	-9000	0.5	24.7	12	12	2	1		60	f	h,mf
339207	6466210	225	Amdel	0.5	-9000	0.5	31.6	8	13	0.5	2		30	n	h,mf
337972	6466226	226	Amdel	0.5	0.5	0.5	20.4	9	13	5	2		80	fn	s,sf
338098	6466986	227	Amdel	0.5	-9000	0.5	24.5	14	13	3	2		30	f	h,sf
338044	6468043	228	Amdel	2	-9000	2	22.3	13	12	2	1		100	f	s,mf
336965	6467920	229	Amdel	0.5	-9000	0.5	25.8	13	11	3	0.5		40	f	h.mf
336969	6466959	230	Amdel	0.5	-9000	0.5	25.9	15	12	1	1		40	f	h,mf
335993	6467018	231	Amdel	0.5	-9000	0.5	19.9	14	12	1	1		80	f	h,mf
335980	6468011	232	Amdel	0.5	-9000	0.5	13.9	9	13	0.5	0.5		50	f	h,mf
335087	6467998	233	Amdel	0.5	-9000	0.5	26.5	12	11	1	2		50	n	vh,mf
335094	6466983	234	Amdel	0.5	-9000	0.5	25.9	18	11	0.5	1		40	f	h,mf
335082	6465994	235	Amdel	0.5	-9000	0.5	28.4	21	13	1	2		40	f	h,mf
334195	6465872	236	Amdel	0.5	-9000	0.5	26.5	13	12	0.5	1		50	f	h,mf
334115	6467222	237	Amdel	0.5	-9000	0.5	19.1	15	13	1	0.5		50	f	h,mf
334037	6468180	238	Amdel	0.5	-9000	0.5	22.6	11	10	2	2		50	f	h,mf
334015	6468603	239	Amdel	0.5	-9000	0.5	16.4	8	9	0.5	0.5		80	n	h,mf
334032	6464624	240	Amdel	0.5	-9000	0.5	25.7	11	12	0.5	0.5		50	n	h,mf
335016	6464629	241	Amdel	0.5	-9000	0.5	21	12	14	3	1		30	f	s,mf
335992	6464686	242	Amdel	1	-9000	1	23.8	12	14	0.5	0.5		30	f	s,mf
343963	6464786	243	Amdel	0.5	-9000	0.5	15.4	8	10	0.5	1		30	n	h,mf
344938	6464814	244	Amdel	0.5	-9000	0.5	26.7	18	12	1	1		30	f	h,mf
345944	6464780	245	Amdel	0.5	-9000	0.5	27.9	17	12	0.5	2		80	f	h,mf
347076	6464804	246	Amdel	0.5	0.5	0.5	23.3	19	10	2	1		60	f	h,mf
348019	6464932	247	Amdel	0.5	-9000	0.5	17.7	25	12	2	2		40	n	h,mf
347989	6465310	248	Amdel	0.5	-9000	0.5	21.6	21	12	3	2		50	f	h,mf
347013	6465863	249	Amdel	0.5	-9000	0.5	19.6	13	13	3	1		70	n	h,mf
345916	6465478	250	Amdel	0.5	-9000	0.5	20.1	11	12	2	2		50	fn	h,mf
345488	6465475	251	Amdel	0.5	-9000	0.5	12.1	10	10	2	0.5		30	fn	h,mf
344855	6466066	252	Amdel	1	-9000	1	10.4	9	13	3	0.5		40	fn	h,mf
333985	6466061	253	Amdel	1	-9000	1	22.7	26	14	2	1		50	fn	h,mf
344033	6467040	254	Amdel	1	-9000	1	18.6	14	10	2	0.5		50	f	h,mf
342984	6467069	255	Amdel	0.5	-9000	0.5	19	15	11	2	1		60	f	h,mf
342949	6467877	256	Amdel	0.5	-9000	0.5	32.3	8	12	0.5	2		30	fn	vh,mf
344991	6466835	257	Amdel	0.5	-9000	0.5	12.6	12	15	1	0.5		30	fn	h,mf
345206	6467989	258	Amdel	1	-9000	1	30.7	9	13	0.5	2		40	f	vh,mf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
344971	6469027	259	Amdel	1	-9000	1	25.3	15	8	0.5	0.5		30	f	vh,sf
345031	6470026	260	Amdel	0.5	-9000	0.5	29.5	10	16	0.5	1		30	fn	vh,sf
344013	6469931	261	Amdel	1	-9000	1	23.7	23	11	2	0.5		30	fn	h,mf
343922	6468982	262	Amdel	0.5	-9000	0.5	20.2	9	11	2	2		30	n	h,mf
343940	6467909	263	Amdel	0.5	-9000	0.5	33.1	9	10	0.5	1		30	f	vh,sf
340347	6469934	264	Amdel	0.5	-9000	0.5	33	11	12	2	1		30	fn	vh,sf
341048	6470101	265	Amdel	2	-9000	2	29.7	9	12	0.5	1		30	n	h,mf
342601	6470402	266	Amdel	0.5	-9000	0.5	20.6	7	9	0.5	1		100	n	h,mf
343494	6470615	267	Amdel	0.5	-9000	0.5	16.2	9	9	2	0.5		80	n	h,mf
344012	6470695	268	Amdel	0.5	-9000	0.5	7.49	9	9	2	2		80	n	h,mf
345581	6471027	269	Amdel	0.5	-9000	0.5	33.3	15	15	0.5	1		30	fn	h,mf
341037	6469230	270	Amdel	0.5	-9000	0.5	21.7	12	11	0.5	0.5		30	n	h,mf
342033	6468986	271	Amdel	0.5	-9000	0.5	15.9	13	11	2	1		80	n	h,mf
342094	6469879	272	Amdel	2	-9000	2	21.9	20	11	2	0.5		50	n	h,mf
343003	6469970	273	Amdel	0.5	-9000	0.5	22.2	16	10	0.5	0.5		50	n	h,mf
343047	6469035	274	Amdel	0.5	-9000	0.5	27.7	23	12	0.5	0.5		50	n	h,sf
343067	6467871	275	Amdel	0.5	-9000	0.5	32	9	17	0.5	2		40	f	vh,sf
349881	6472062	276	Amdel	0.5	-9000	0.5	10.7	11	11	1	0.5		80	n	h,mf
349831	6473021	277	Amdel	0.5	-9000	0.5	32.2	6	12	2	0.5		40	f	vh,sf
349476	6472508	278	Amdel	0.5	-9000	0.5	12	9	9	2	0.5		80	n	h,mf
349048	6472988	279	Amdel	0.5	-9000	0.5	29.7	10	26	0.5	2		50	n	h,mf
349490	6473479	280	Amdel	1	-9000	1	12	9	11	1	1		80	n	h,mf
349845	6474040	281	Amdel	1	-9000	1	30.7	9	13	2	2		40	n	h,mf
349808	6474969	282	Amdel	0.5	-9000	0.5	16.6	9	11	2	1		80	f	h,mf
349513	6474473	283	Amdel	0.5	-9000	0.5	29.2	9	16	0.5	1		40	f	h,mf
348944	6473956	284	Amdel	1	-9000	1	18	15	11	2	1		50	fn	h,mf
348498	6473491	285	Amdel	0.5	-9000	0.5	11.7	10	12	2	2		80	n	h,mf
347945	6473135	286	Amdel	0.5	-9000	0.5	10.4	3	6	0.5	0.5		100	n	h,mf
347507	6472620	287	Amdel	1	-9000	1	20	12	9	0.5	0.5		80	f	h,mf
346008	6471194	288	Amdel	2	-9000	2	34.3	9	14	0.5	2		40	f	vh.mf
346015	6472002	289	Amdel	0.5	-9000	0.5	7.53	6	10	2	2		130	p	s,mf
346537	6471537	290	Amdel	0.5	-9000	0.5	20.2	5	8	0.5	0.5		80	f	h,mf
347057	6471879	291	Amdel	0.5	-9000	0.5	13.4	6	11	0.5	2		80	f	h,mf
347061	6471398	292	Amdel	0.5	-9000	0.5	29	19	15	2	1		40	n	h,mf
347660	6471558	293	Amdel	1	-9000	1	13.7	13	13	2	2		50	n	h,mf
347993	6472065	294	Amdel	0.5	-9000	0.5	7.94	9	11	2	0.5		60	n	s,mf
348516	6472505	295	Amdel	0.5	-9000	0.5	19.6	14	15	2	1		50	fn	h,mf
348541	6471741	296	Amdel	0.5	-9000	0.5	16.9	11	17	2	1		60	n	h,mf
349034	6472017	297	Amdel	0.5	-9000	0.5	9.69	13	15	1	2		60	n	h,mf
346566	6472422	298	Amdel	0.5	-9000	0.5	12.2	14	20	2	0.5		60	n	h,mf
347017	6473049	299	Amdel	0.5	-9000	0.5	28	9	13	0.5	2		40	n	h,sf
347624	6473568	300	Amdel	0.5	-9000	0.5	15.2	13	15	0.5	0.5		50	n	h,mf
331540	6484742	301	Amdel	0.5	-9000	0.5	33.5	11	18	0.5	2		25	m	v/hard m/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
332007	6484439	302	Amdel	2	-9000	2	24	6	9	2	1		30	n	nodular m/f
333482	6483370	303	Amdel	0.5	-9000	0.5	10.8	7	11	0.5	2		100	n	soft/nodular m/f
335000	6482913	304	Amdel	0.5	-9000	0.5	15.7	5	10	2	1		40	n	soft/nodular m/f
336107	6482460	305	Amdel	0.5	-9000	0.5	8.19	10	14	2	2		45	n	soft/nodular m/f
335958	6482022	306	Amdel	0.5	1	0.75	8.64	11	15	4	1		90	n	soft/nodular m/f
334974	6482580	307	Amdel	0.5	-9000	0.5	16.8	8	14	2	2		85	n	soft/nodular m/f
334106	6479426	308	Amdel	0.5	-9000	0.5	31.3	11	13	4	2		70	n	nodular m/f
334103	6480144	309	Amdel	3	2	2.5	29.1	14	15	3	2		45	n	nodular m/f
333505	6480758	310	Amdel	0.5	-9000	0.5	30.5	15	14	5	2		50		nodular m/f
333173	6480899	311	Amdel	0.5	-9000	0.5	20.6	11	14	6	2		45	m	med/hard m/f
333455	6481930	312	Amdel	1	-9000	1	18.5	13	12	7	1		50	m	med/hard m/f
339916	6469797	313	Amdel	0.5	-9000	0.5	22.1	12	11	4	1		35	m	med/hard m/f
339852	6471059	314	Amdel	0.5	-9000	0.5	12.4	9	13	5	3		100	m	v/hard m/f
339877	6471985	315	Amdel	0.5	-9000	0.5	18.5	9	12	3	3		100	m	med/hard m/f
339836	6473055	316	Amdel	1	-9000	1	34.3	11	17	4	3		40	n	nodular m/f
339866	6474300	317	Amdel	0.5	-9000	0.5	17	12	12	5	2		100	n	nodular h/f
339863	6475013	318	Amdel	2	-9000	2	19.4	13	14	6	2		110	m	soft m/f
339902	6475964	319	Amdel	1	-9000	1	9.57	13	16	5	3		110	n	soft/nodular m/f
340665	6470006	320	Amdel	2	-9000	2	31	7	14	2	2		20	n	nodular m/f
342156	6470349	321	Amdel	1	-9000	1	24.8	22	13	5	2		10	n	nodular m/f
343066	6470517	322	Amdel	2	-9000	2	28.1	15	13	0.5	1		25	n	nodular m/f
345035	6470925	323	Amdel	1	-9000	1	31.5	12	14	2	2		25	m	v/hard m/f
345563	6471452	324	Amdel	1	-9000	1	32	13	15	3	2		20	n	nodular m/f
345586	6472680	325	Amdel	1	-9000	1	18	11	13	3	2		45	n	nodular h/f
345518	6473621	326	Amdel	2	0.5	1.25	33.4	10	12	0.5	2		30	n	nodular m/f
345489	6476720	327	Amdel	1	-9000	1	17.7	13	14	3	2		45	n	soft/nodular m/f
344980	6477032	328	Amdel	1	-9000	1	14.1	13	17	7	3		120	n	soft/nodular m/f
344792	6478047	329	Amdel	3	1	2	15.5	10	13	4	2		55	n	soft/nodular m/f
344906	6479296	330	Amdel	3	3	3	29.6	8	13	2	2		20	m	v/hard m/f
345064	6480057	331	Amdel	1	-9000	1	20.7	10	16	3	3		40	n	soft/nodular m/f
345242	6480784	332	Amdel	2	-9000	2	18.6	9	15	3	2		35	n	soft/nodular m/f
344461	6480931	333	Amdel	2	-9000	2	8.03	10	14	4	2		110	n	soft/nodular m/f
343450	6481073	334	Amdel	2	-9000	2	12.8	9	18	4	3		110	n	soft/nodular m/f
343205	6480442	335	Amdel	2	-9000	2	20.9	10	14	3	2		75	n	nodular m/f
343208	6479444	336	Amdel	0.5	-9000	0.5	28.5	11	10	0.5	2		10		nodular m/f
343222	6478505	337	Amdel	0.5	-9000	0.5	30.1	7	7	2	2		5	n	nodular m/f
344815	6477475	338	Amdel	1	-9000	1	8.06	8	11	0.5	2		100	n	soft/nodular m/f
345578	6479564	339	Amdel	1	-9000	1	27.5	7	10	2	2		30	m	v/hard m/f
346096	6480072	340	Amdel	1	-9000	1	17.8	8	9	0.5	1		40	n	soft/nodular m/f
346591	6479975	341	Amdel	3	-9000	3	19.7	6	9	1	1		40	m	hard m/f
346280	6479007	342	Amdel	0.5	-9000	0.5	28.9	9	8	0.5	2		20	n	nodular m/f
343977	6477141	343	Amdel	0.5	-9000	0.5	29.1	11	12	1	2		30	n	nodular m/f
343519	6477580	344	Amdel	2	-9000	2	25.5	21	12	0.5	2		25	n	flat/nodular h/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
343958	6479148	345	Amdel	2	-9000	2	30.2	10	7	1	2		35	n	nodular m/f
344631	6479681	346	Amdel	0.5	0.5	0.5	28.1	5	8	1	2		25	n	nodular m/f
344055	6480053	347	Amdel	1	-9000	1	24.8	12	11	1	2		35	n	nodular m/f
344439	6480458	348	Amdel	0.5	-9000	0.5	26.6	7	8	0.5	2		30	n	nodular m/f
343513	6476461	349	Amdel	1	-9000	1	10.5	12	13	2	2		110	n	soft/nodular m/f
343962	6476040	350	Amdel	1	-9000	1	11.6	11	13	2	3		100	n	soft/nodular h/f
343572	6475648	351	Amdel	0.5	-9000	0.5	22.7	14	9	1	2		45	n	nodular m/f
343504	6474660	352	Amdel	2	-9000	2	24.8	6	6	1	2		25	n	nodular m/f
344006	6474987	353	Amdel	3	-9000	3	16.6	11	13	1	3		45	n	nodular m/f
344546	6475535	354	Amdel	2	-9000	2	13	10	12	2	2		85	n	soft/nodular m/f
344977	6476022	355	Amdel	2	-9000	2	16.3	13	11	1	2		80	n	soft/nodular m/f
344975	6474984	356	Amdel	1	-9000	1	9.64	9	15	0.5	3		80	n	soft/nodular m/f
344515	6474292	357	Amdel	0.5	-9000	0.5	28.2	7	10	2	2		20	n	nodular m/f
345028	6473950	358	Amdel	1	-9000	1	19.2	13	8	1	2		35	n	nodular m/f
344054	6474072	359	Amdel	1	-9000	1	29.2	9	9	2	2		15	n	nodular m/f
344202	6473031	360	Amdel	3	-9000	3	29.9	10	9	3	2		15	n	nodular m/f
344128	6471990	361	Amdel	1	-9000	1	27.6	14	10	3	2		15	n	nodular m/f
343947	6471208	362	Amdel	2	-9000	2	20.6	15	13	2	2		35	n	nodular m/f
343991	6472042	363	Amdel	1	-9000	1	24.6	15	7	4	2		30	n	nodular m/f
344556	6471463	364	Amdel	0.5	-9000	0.5	29.4	15	13	6	3		35	n	nodular h/f
345072	6472029	365	Amdel	0.5	-9000	0.5	28.5	19	11	4	3		30	n	nodular m/f
345064	6473067	366	Amdel	0.5	0.5	0.5	31.5	10	10	3	3		35	n	nodular m/f
344404	6473489	367	Amdel	0.5	-9000	0.5	30.2	11	7	3	3		50	n	nodular m/f
343365	6471559	368	Amdel	0.5	-9000	0.5	28.6	16	7	3	2		45	n	nodular m/f
343485	6472228	369	Amdel	0.5	-9000	0.5	31	10	8	5	3		20	n	nodular m/f
342457	6473434	370	Amdel	0.5	-9000	0.5	29.3	7	8	3	3		5	n	nodular m/f
343060	6471980	371	Amdel	0.5	-9000	0.5	31.1	9	7	5	3		25	n	nodular m/f
342479	6470534	372	Amdel	0.5	-9000	0.5	27.2	17	8	4	3		30	n	nodular m/f
342909	6470941	373	Amdel	2	-9000	2	29.8	11	10	3	3		25	n	nodular m/f
342524	6471529	374	Amdel	0.5	-9000	0.5	29.9	9	8	2	3		25	n	nodular m/f
341986	6471158	375	Amdel	0.5	-9000	0.5	30.2	12	7	4	3		30	n	flat/nodular m/f
340573	6472356	376	Amdel	0.5	-9000	0.5	27	15	7	5	3		35	n	nodular m/f
341535	6472270	377	Amdel	1	-9000	1	29	9	10	6	3		15	m	hard m/f
341544	6472853	378	Amdel	0.5	-9000	0.5	30.1	9	9	4	3		15	n	nodular m/f
341527	6473429	379	Amdel	0.5	-9000	0.5	29.1	8	11	3	2		20	n	l/nodules m/f
340989	6473435	380	Amdel	1	-9000	1	26.4	16	7	5	3		25	n	nodular m/f
339999	6473451	381	Amdel	1	-9000	1	29.4	10	10	3	3		30	n	nodular m/f
341019	6474006	382	Amdel	0.5	-9000	0.5	21.1	13	8	2	2		50	m	med/hard h/f
340497	6474547	383	Amdel	0.5	-9000	0.5	21.9	13	8	0.5	2		55	m	hard m/f
341672	6474309	384	Amdel	0.5	-9000	0.5	32.1	16	8	2	3		30	n	nodular m/f
341743	6473891	385	Amdel	0.5	-9000	0.5	35.3	10	8	0.5	2		25	n	nodular m/f
339972	6474428	386	Amdel	0.5	0.5	0.5	25.2	14	10	2	2		110	n	nodular m/f
342644	6473525	387	Amdel	0.5	-9000	0.5	28.3	8	9	0.5	2		30	n	nodular m/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
342874	6473890	388	Amdel	0.5	-9000	0.5	30.2	11	9	0.5	2		25	n	nodular m/f
342492	6474519	389	Amdel	0.5	-9000	0.5	21.1	15	7	0.5	1		65	m	hard h/f
342129	6474966	390	Amdel	0.5	-9000	0.5	14.2	16	12	2	3		90	n	soft/nodular m/f
342950	6474982	391	Amdel	0.5	-9000	0.5	28.3	15	7	0.5	2		40	n	nodular m/f
342498	6475544	392	Amdel	0.5	-9000	0.5	34.4	16	8	1	2		25	n	nodular m/f
342213	6476059	393	Amdel	0.5	-9000	0.5	33.3	8	7	0.5	2		25	n	nodular m/f
343094	6476064	394	Amdel	0.5	-9000	0.5	18.7	20	9	0.5	2		55	m	med/hard m/f
342392	6476620	395	Amdel	0.5	-9000	0.5	11	10	15	0.5	5		100	n	soft/nodular m/f
341533	6476797	396	Amdel	0.5	-9000	0.5	14.1	17	12	0.5	2		55	n	soft/nodular m/f
341049	6476866	397	Amdel	0.5	-9000	0.5	6.62	8	12	0.5	2		65	n	soft/nodular m/f
342083	6477287	398	Amdel	0.5	-9000	0.5	6.36	11	12	0.5	3		65	n	soft/nodular m/f
343017	6477029	399	Amdel	3	-9000	3	11.5	14	13	0.5	3		75	n	soft/nodular m/f
342506	6477495	400	Amdel	0.5	-9000	0.5	10.4	15	12	1	3		100	n	soft/nodular m/f
342993	6477980	401	Amdel	0.5	-9000	0.5	15.7	11	12	0.5	3		100	n	soft/nodular m/f
342551	6478572	402	Amdel	0.5	-9000	0.5	7.11	10	12	0.5	3		100	n	soft/nodular m/f
340007	6481080	403	Amdel	1	-9000	1	6.99	11	13	0.5	3		100	n	soft/nodular m/f
340777	6480995	404	Amdel	1	-9000	1	10.9	14	14	2	3		110	n	soft/nodular m/f
340501	6481457	405	Amdel	1	-9000	1	6.48	9	12	0.5	2		90	n	soft/nodular m/f
340504	6480516	406	Amdel	2	0.5	1.25	6.81	11	13	0.5	2		75	n	soft/nodular m/f
340039	6480040	407	Amdel	1	-9000	1	6.15	11	13	0.5	3		65	n	soft/nodular m/f
340529	6479526	408	Amdel	2	-9000	2	10.2	14	12	1	3		55	n	soft/nodular m/f
340011	6478994	409	Amdel	2	-9000	2	6.17	12	15	1	4		65	n	soft/nodular m/f
340529	6476679	410	Amdel	2	-9000	2	5.87	13	16	0.5	4		25	n	soft/nodular m/f
339922	6477067	411	Amdel	4	3	3.5	5.02	4	6	0.5	0.5		120	n	soft/nodular m/f
340486	6477529	412	Amdel	1	-9000	1	9.93	10	11	0.5	3		65	n	soft/nodular m/f
340013	6478082	413	Amdel	1	-9000	1	9.7	12	13	1	3		65	n	soft/nodular m/f
340533	6478551	414	Amdel	0.5	-9000	0.5	13.1	14	13	0.5	3		110	n	soft/nodular m/f
340886	6479061	415	Amdel	2	-9000	2	8.77	11	14	0.5	2		55	n	soft/nodular m/f
341026	6477922	416	Amdel	0.5	-9000	0.5	8.84	11	13	0.5	3		50	n	soft/nodular m/f
341535	6477712	417	Amdel	0.5	-9000	0.5	8.43	12	14	2	2		45	n	soft/nodular m/f
342177	6477991	418	Amdel	0.5	-9000	0.5	12.5	15	12	0.5	3		55	n	soft/nodular m/f
341503	6478554	419	Amdel	0.5	-9000	0.5	9.55	15	15	2	4		60	n	soft/nodular m/f
342038	6479112	420	Amdel	0.5	-9000	0.5	13.3	15	13	2	3		55	n	soft/nodular m/f
342978	6479020	421	Amdel	0.5	-9000	0.5	27.3	8	11	0.5	2		25	n	soft/nodular m/f
342505	6479528	422	Amdel	0.5	-9000	0.5	8.17	8	12	0.5	2		65	n	soft/nodular m/f
342990	6480199	423	Amdel	0.5	-9000	0.5	31	9	11	1	3		30	n	nodular m/f
343005	6480426	424	Amdel	2	2	2	29.1	11	8	2	2		30	n	nodular m/f
342355	6480603	425	Amdel	0.5	-9000	0.5	27.7	12	11	0.5	2		35	n	nodular m/f
341924	6480791	426	Amdel	0.5	0.5	0.5	8.21	11	13	3	2		55	n	soft/nodular m/f
342050	6479854	427	Amdel	0.5	-9000	0.5	19	12	12	1	3		60	n	nodular m/f
341995	6480119	428	Amdel	1	-9000	1	7.39	11	14	2	2		55	n	soft/nodular m/f
341436	6480473	429	Amdel	0.5	-9000	0.5	14	12	19	3	4		110	n	soft/nodular m/f
354192	6476181	430	Amdel	0.5	-9000	0.5	26.6	11	11	2	2		25	n	nodular m/f

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
355123	6476143	431	Amdel	0.5	-9000	0.5	13.5	8	9	1	3		110	n	nodular m/f
356014	6476163	432	Amdel	0.5	-9000	0.5	7.46	12	10	2	2		100	n	soft/nodular m/f
357061	6476167	433	Amdel	0.5	-9000	0.5	10.1	16	15	2	3		100	n	soft/nodular m/f
357466	6476663	434	Amdel	1	-9000	1	29	25	9	0.5	2		35	n	nodular m/f
356456	6476551	435	Amdel	1	-9000	1	8.41	11	14	0.5	3		65	n	soft/nodular m/f
355436	6476773	436	Amdel	1	-9000	1	14.3	9	6	0.5	1		15	n	soft/nodular m/f
354509	6476556	437	Amdel	0.5	-9000	0.5	24.2	13	11	0.5	2		15	n	nodular m/f
354927	6477066	438	Amdel	0.5	-9000	0.5	31.7	20	17	1	2		20	n	nodular m/f
356062	6476934	439	Amdel	0.5	-9000	0.5	13	8	5	0.5	0.5		35	n	soft/nodular m/f
357088	6477134	440	Amdel	0.5	-9000	0.5	26	13	17	0.5	2		40	n	nodular m/f
357772	6476273	441	Amdel	0.5	-9000	0.5	21.4	20	18	0.5	2		80	n	soft/nodular m/f
357732	6477134	442	Amdel	4	3	3.5	31.6	17	12	0.5	2		15	n	nodular m/f
357774	6477535	443	Amdel	6	5	5.5	30.2	17	10	0.5	2		20	n	nodular m/f
357749	6477713	444	Amdel	0.5	-9000	0.5	28.9	29	14	4	2		15	n	nodular m/f
334903	6478821	445	Amdel	0.5	-9000	0.5	14.6	6	8	0.5	2		120	m	hard m/f
334715	6479602	446	Amdel	0.5	0.5	0.5	31.3	13	8	2	2		35	n	nodular m/f
334589	6479980	447	Amdel	0.5	-9000	0.5	30.3	10	7	3	2		30	n	nodular m/f
334535	6480600	448	Amdel	0.5	-9000	0.5	15.7	9	10	0.5	3		80	n	nodular m/f
335017	6481085	449	Amdel	0.5	-9000	0.5	11.2	8	9	1	2		100	n	soft/nodular m/f
332451	6483520	450	Amdel	0.5	-9000	0.5	29.1	12	7	1	2		35	n	nodular m/f
332566	6482334	451	Amdel	0.5	-9000	0.5	31.2	10	15	2	2		30	n	nodular m/f
332542	6481683	452	Amdel	0.5	-9000	0.5	16.2	5	5	0.5	1		120	n	soft/nodular m/f
332326	6479715	453	Amdel	0.5	-9000	0.5	27.8	7	8	1	3		45	n	nodular m/f
331461	6479520	454	Amdel	0.5	-9000	0.5	31.2	13	9	1	2			n	nodular m/f
339838	6471981	455	Amdel	0.5	-9000	0.5	16.8	9	8	0.5	3		85	n	nodular m/f
339841	6472564	456	Amdel	0.5	-9000	0.5	18	9	7	0.5	1		70	n	nodular m/f
339819	6473083	457	Amdel	0.5	-9000	0.5	30.3	10	9	1	2		30	n	nodular m/f
348037	6474007	501	Amdel	1	1	1	8.76	10	11	1	2		50	n	h,mf
348498	6474519	502	Amdel	0.5	-9000	0.5	10.7	15	15	2	4		50	n	h,mf
348941	6474899	503	Amdel	0.5	-9000	0.5	27.8	12	11	1	2		40	f	vh,sf
348078	6474892	504	Amdel	0.5	-9000	0.5	27	13	11	2	3		40	fn	vh,sf
344386	6474591	505	Amdel	1	1	1	16.9	19	10	1	2		50	f	h,mf
346989	6474023	506	Amdel	0.5	-9000	0.5	14.8	13	14	0.5	4		60	n	h,mf
346459	6473628	507	Amdel	0.5	-9000	0.5	11.5	8	9	0.5	2		80	n	h,mf
345959	6473022	508	Amdel	0.5	-9000	0.5	28.2	19	10	2	2		40	n	h,sf
346042	6474031	509	Amdel	0.5	-9000	0.5	9.33	15	13	0.5	2		40	n	h,sf
346483	6474497	510	Amdel	0.5	-9000	0.5	8.43	18	17	2	4		80	n	h,mf
347058	6475081	511	Amdel	0.5	-9000	0.5	9.26	11	11	2	2		80	n	h,mf
347476	6475465	512	Amdel	0.5	-9000	0.5	15.1	17	15	2	4		60	n	h,mf
346492	6475434	513	Amdel	0.5	-9000	0.5	9.6	12	12	2	2		80	n	h,mf
345949	6474984	514	Amdel	0.5	-9000	0.5	10.1	16	14	0.5	3		60	n	h,mf
341813	6468552	515	Amdel	0.5	-9000	0.5	26.1	11	9	0.5	2		40	fn	vh,sf
341848	6467999	516	Amdel	0.5	-9000	0.5	27.5	13	13	1	2		50	fn	h,mf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
341863	6467290	517	Amdel	0.5	-9000	0.5	9.95	9	10	0.5	2		40	n	s,mf
340990	6467553	518	Amdel	1	-9000	1	20.9	20	10	2	2		50	n	h,mf
339513	6481795	519	Amdel	0.5	-9000	0.5	12.8	6	7	0.5	2		60	n	h,mf
339036	6481902	520	Amdel	0.5	-9000	0.5	14.9	10	13	1	4		50	n	h,mf
338501	6482003	521	Amdel	0.5	-9000	0.5	12	6	8	0.5	1		50	n	h,mf
337943	6482042	522	Amdel	0.5	-9000	0.5	10.2	11	14	1	5		50	n	h,mf
337516	6482187	523	Amdel	0.5	-9000	0.5	18.8	15	10	3	2		50	n	h,mf
336973	6482305	524	Amdel	0.5	-9000	0.5	15.7	10	12	2	4		50	n	h,mf
336460	6482463	525	Amdel	0.5	-9000	0.5	18.3	7	8	1	2		50	n	h,mf
336466	6481503	526	Amdel	0.5	-9000	0.5	11.9	11	16	2	5		50	n	h,mf
338276	6478840	527	Amdel	0.5	-9000	0.5	8.17	8	10	2	2		40	n	h,mf
338207	6479528	528	Amdel	0.5	-9000	0.5	17.4	7	8	2	3		40	n	h,mf
338174	6479968	529	Amdel	0.5	-9000	0.5	9.56	6	8	0.5	2		50	n	h,mf
338172	6480554	530	Amdel	0.5	-9000	0.5	17.7	17	15	3	3		50	n	h,mf
338172	6480958	531	Amdel	0.5	-9000	0.5	12.8	8	10	2	2		50	n	h,mf
338180	6481621	532	Amdel	1	-9000	1	19.2	14	13	4	3		60	f	h,mf
339861	6481084	533	Amdel	0.5	-9000	0.5	10.9	10	11	2	2		60	n	h,mf
339803	6480027	534	Amdel	0.5	-9000	0.5	5.69	13	18	2	4		60	n	h,mf
339826	6479013	535	Amdel	0.5	-9000	0.5	9.06	10	12	2	2		100	n	h,mf
339831	6477776	536	Amdel	0.5	-9000	0.5	26	17	10	4	3		40	n	h,mf
339828	6477101	537	Amdel	0.5	-9000	0.5	6.06	7	11	1	2		50	n	h,mf
339502	6476579	538	Amdel	0.5	-9000	0.5	11.4	15	16	3	5		50	n	h,mf
338513	6476511	539	Amdel	0.5	-9000	0.5	19.1	11	12	5	2		40	n	h,mf
337502	6476605	540	Amdel	0.5	-9000	0.5	28.8	9	6	3	2		30	n	h,mf
333436	6476566	541	Amdel	0.5	1	0.75	22	15	8	3	2		30	n	h,mf
349787	6475435	542	Amdel	0.5	-9000	0.5	23	9	12	0.5	3		30	f	h,mf
349788	6476038	543	Amdel	0.5	-9000	0.5	8.77	10	12	2	2		50	n	h,mf
349792	6476700	544	Amdel	0.5	-9000	0.5	25.6	9	11	4	2		40	n	h,mf
349001	6476718	545	Amdel	0.5	-9000	0.5	6.44	9	13	0.5	2		50	n	h,mf
348498	6476703	546	Amdel	0.5	-9000	0.5	12.4	15	16	4	4		60	n	h,mf
347984	6476724	547	Amdel	0.5	-9000	0.5	12.9	10	12	2	2		60	n	h,mf
347501	6476722	548	Amdel	0.5	-9000	0.5	8.99	16	19	2	5		60	n	h,mf
346995	6476711	549	Amdel	0.5	-9000	0.5	22.8	8	10	1	2		40	n	h,mf
346471	6476709	550	Amdel	0.5	-9000	0.5	6.94	14	18	0.5	4		50	n	h,mf
345971	6476628	551	Amdel	1	-9000	1	12	9	10	2	2		50	n	h,mf
345511	6476636	552	Amdel	1	-9000	1	8.38	16	20	4	6		50	n	h,mf
338944	6481067	553	Amdel	1	-9000	1	11.2	7	9	1	2		100	n	h,mf
339551	6480475	554	Amdel	0.5	-9000	0.5	7.15	13	17	2	3		50	n	h,mf
338987	6480158	555	Amdel	0.5	-9000	0.5	9.7	12	11	2	2		80	n	h,mf
338492	6479451	556	Amdel	0.5	-9000	0.5	9.16	15	15	2	5		80	n	h,mf
338989	6479010	557	Amdel	0.5	-9000	0.5	12.6	10	9	2	2		80	n	h,mf
339516	6479450	558	Amdel	2	-9000	2	6.65	11	14	1	4		80	n	h,mf
339476	6478518	559	Amdel	1	-9000	1	9.05	10	10	2	2		80	n	h,mf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
338434	6478450	560	Amdel	0.5	-9000	0.5	10.9	12	13	1	4		80	n	h,mf
339037	6477995	561	Amdel	0.5	-9000	0.5	6.86	8	10	1	2		80	n	h,mf
339486	6477428	562	Amdel	0.5	-9000	0.5	9.73	12	14	2	4		50	n	h,mf
338445	6477488	563	Amdel	0.5	-9000	0.5	16.4	10	8	1	2		50	n	h,mf
339037	6477035	564	Amdel	0.5	-9000	0.5	7.49	11	13	2	4		60	n	h,mf
348537	6464773	565	Amdel	0.5	-9000	0.5	13	14	14	1	1		50	n	h.mf
348551	6463986	566	Amdel	0.5	-9000	0.5	11.6	17	19	1	3		50	n	h,mf
348627	6463488	567	Amdel	0.5	-9000	0.5	20.3	13	11	1	2		50	fn	h,mf
348821	6463002	568	Amdel	0.5	-9000	0.5	24.8	10	10	2	2		50	fn	h,sf
348401	6462592	569	Amdel	0.5	-9000	0.5	26.8	11	16	1	2		20	fn	vh,mf
347922	6462037	570	Amdel	0.5	-9000	0.5	30	11	8	3	2		30	f	vh,mf
346926	6462148	571	Amdel	0.5	-9000	0.5	25.6	12	8	2	2		30	f	vh,sf
348128	6462941	572	Amdel	0.5	-9000	0.5	20.5	14	23	3	3		40	fn	h,mf
348002	6464073	573	Amdel	0.5	-9000	0.5	24.5	22	9	2	2		60	f	h,mf
346991	6464008	574	Amdel	0.5	-9000	0.5	22	16	8	3	3		60	f	h,mf
346076	6464072	575	Amdel	0.5	-9000	0.5	22.3	14	8	3	2		80	fn	h,mf
344966	6464074	576	Amdel	0.5	-9000	0.5	20.5	15	10	3	2		60	f	s,mf
345507	6464531	577	Amdel	1	-9000	1	24	19	9	3	2		60	f	s,mf
337993	6477072	578	Amdel	0.5	-9000	0.5	16.1	11	7	4	1		80	n	h,mf
337465	6477476	579	Amdel	2	-9000	2	4.39	4	5	1	0.5		110	n	s,mf
336970	6476902	580	Amdel	0.5	-9000	0.5	27.2	16	8	4	3		50	n	vh,sf
336546	6477480	581	Amdel	0.5	-9000	0.5	7.58	10	11	2	2		50	n	h,mf
337007	6474686	582	Amdel	0.5	-9000	0.5	12.4	16	15	3	4		80	n	h,mf
337608	6474519	583	Amdel	0.5	-9000	0.5	15.3	12	8	2	2		40	n	h,mf
337595	6473984	584	Amdel	0.5	-9000	0.5	28.6	10	11	3	3		40	n	h,mf
339313	6476110	585	Amdel	0.5	-9000	0.5	15.6	8	8	1	2		30	f	h,mf
339427	6475489	586	Amdel	0.5	-9000	0.5	6.33	13	17	2	5		50	n	h,mf
338526	6475580	587	Amdel	0.5	-9000	0.5	25.9	7	7	0.5	2		40	n	vh,sf
338220	6476010	588	Amdel	1	-9000	1	25.4	18	9	3	3		40	n	vh,sf
337995	6474950	589	Amdel	0.5	-9000	0.5	22.6	13	10	2	2		40	n	vh,sf
337613	6475299	590	Amdel	0.5	-9000	0.5	16.5	15	11	3	4		50	n	h,mf
338929	6475020	591	Amdel	0.5	-9000	0.5	15.9	9	9	1	2		50	n	h,mf
339495	6474495	592	Amdel	0.5	-9000	0.5	9.87	13	16	2	6		80	n	h,mf
338956	6473946	593	Amdel	0.5	-9000	0.5	26.5	10	13	2	3		40	n	h,mf
338494	6474521	594	Amdel	0.5	-9000	0.5	10.6	12	15	2	4		50	n	h,mf
338174	6473984	595	Amdel	0.5	-9000	0.5	25	10	7	0.5	2		40	n	vh,mf
337392	6473947	596	Amdel	0.5	-9000	0.5	24.4	8	9	1	3		40	f	h,mf
338411	6473489	597	Amdel	0.5	-9000	0.5	17	10	7	0.5	2		50	n	h,mf
337613	6473455	598	Amdel	0.5	-9000	0.5	26.6	12	8	1	2		50	n	h,mf
336952	6473006	599	Amdel	0.5	-9000	0.5	16.9	8	7	2	3		50	n	h,mf
337966	6473005	600	Amdel	0.5	-9000	0.5	19.1	10	13	5	4		30	f	h,mf
339134	6472791	601	Amdel	1	1	1	28.5	7	7	1	2		30	f	h,mf
339670	6472803	602	Amdel	0.5	-9000	0.5	18.9	8	7	0.5	3		40	fn	h,mf

Table 2. Regional calcrete data from EL 2218C

EASTING	NORTHING	SAMPLE #	LAB	Au	AuDp1	Au/avg	Ca	Cu	Ni	As	Mo	Zn	DEPTH	TYPE	COMMENTS
335969	6476970	603	Amdel	0.5	-9000	0.5	23.1	10	6	5	2		40	fn	h,mf
335026	6477035	604	Amdel	0.5	-9000	0.5	27.5	18	10	7	3		40	f	vh,mf
335536	6476553	605	Amdel	0.5	-9000	0.5	30.6	6	5	2	2		40	fn	h,mf
335899	6478078	606	Amdel	0.5	-9000	0.5	9.67	16	17	1	5		40	n	h,mf
335554	6477571	607	Amdel	0.5	-9000	0.5	29	7	9	1	2		40	n	h,mf
334980	6478011	608	Amdel	0.5	-9000	0.5	14.6	7	8	0.5	3		80	n	h,mf
334637	6477696	609	Amdel	0.5	-9000	0.5	26.2	6	7	0.5	2		30	n	h,mf
334594	6476514	610	Amdel	0.5	-9000	0.5	28.5	7	7	0.5	3		30	fn	vh,mf
334031	6476977	611	Amdel	1	-9000	1	18.7	10	7	0.5	2		100	f	h,mf
333567	6477592	612	Amdel	0.5	-9000	0.5	28.2	11	17	2	2		40	n	h.mf
334195	6477787	613	Amdel	0.5	-9000	0.5	22.6	6	8	1	2		40	f	h,sf
334053	6478623	614	Amdel	1	-9000	1	27.8	13	11	3	2		40	f	vh,sf
334123	6479097	615	Amdel	0.5	-9000	0.5	19.8	6	6	2	1		40	fn	vh,sf
333320	6476484	616	Amdel	0.5	-9000	0.5	25	8	8	2	3		40	n	h,mf
332901	6476807	617	Amdel	0.5	-9000	0.5	28.4	7	12	0.5	2		40	n	h,mf
332463	6476476	618	Amdel	0.5	-9000	0.5	27.3	10	9	2	3		40	n	h,mf
331487	6476497	619	Amdel	0.5	-9000	0.5	26.1	9	9	3	2		40	n	h,mf
330736	6476466	620	Amdel	0.5	-9000	0.5	24.1	8	8	2	3		40	n	h,mf
331163	6477432	621	Amdel	0.5	-1	0.5	27.3	6	7	2	2		40	n	h,mf
345508	6474386	622	Amdel	0.5	-9000	0.5	20.3	12	10	0.5	2		45	fn	h,mf
345423	6475587	623	Amdel	0.5	-9000	0.5	9.39	10	11	2	2		50	n	h,mf
346908	6476437	624	Amdel	0.5	-9000	0.5	19.2	12	9	0.5	2		50	fn	h,mf
348479	6475478	625	Amdel	0.5	-9000	0.5	22.8	6	9	0.5	2		50	n	h,mf
333448	6470453	626	Amdel	0.5	-9000	0.5	26.8	14	7	3	3		30	n	h,mf
339898	6471845	841191	Analabs	0.5	-	0.5	0.3597	14.6	2.2	34	4	10.8	40	n	nodular m/f
339877	6473079	841192	Amdel										25	n	nodular m/f
		Units	**Amdel**	ppb	ppb	ppb	%	ppm	ppm	ppm	ppm				
		Detection Limit	**Amdel**	1	1	1	1ppm	1	1	1	1				
		Method	**Amdel**	AA10C	AA10C	AA10C	IC2EC	IC2EC	IC2EC	IC2EC	IC2EC				
		Units	**Analabs**	ppb	ppb	ppb	%	ppm	ppm	ppm	ppm	ppm			
		Detection Limit	**Analabs**	1	1	1	0.5ppm	0.5	0.5	5	1	0.5			
		Method	**Analabs**	GG334	GG334	GG334	GA115	GA115	GA115	GA115	GA115	GA115			

Minotaur Gold

A.C.N. 061 559 840

Minotaur Gold NL
1A Gladstone Street, Fullarton 5063, South Australia
Tel: +61 8 8338 3333 Fax: +61 8 8338 3233 Email mingold@ozemail.com.au

EXPLORATION LICENCE 2218
FOWLER

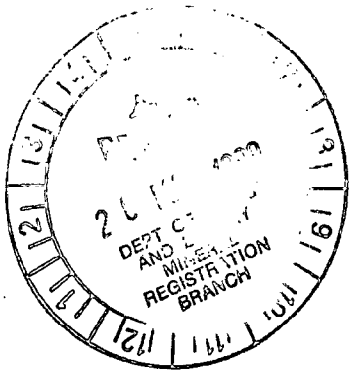
2ND ANNUAL TECHNICAL REPORT

25TH OCTOBER 1997 TO 24TH OCTOBER 1998

A. P. BELPERIO
CHIEF GEOLOGIST

21ST JANUARY 1999

MAP REFERENCE
FOWLER, CHILDARA SH53-13, SH53-14
1:100,000 MAP SHEETS 5534, 5535, 5634, 5635



DISTRIBUTION: MINOTAUR GOLD NL
MINES & ENERGY SA

INTRODUCTION

Exploration Licence 2218 (Fowler) comprising 3 areas (A, B, C) covering a total of 1478 km^2 north of Ceduna (Figure 1) was granted to Minotaur Gold NL on October 25th 1996 for one year with an exploration expenditure commitment of $175,000. Areas A and B, being within the Yellabinna Regional Reserve on unalianated crown land and subject to Native Title Claims, could not be accessed for exploration without formal agreements with Native Title Claimants. Area C, being on freehold agricultural land, was accessed initially for regional calcrete sampling. However, following a Native Title mediation conference in Ceduna on April 2nd 1997, field operations on area C were also suspended pending the development of a Native Tiltle Agreement for all of EL 2218 and the instigation of proceedings under Part 9B of the Mining Act.

NATIVE TITLE

EL 2218 is affected currently by the following registered Native Title Claims:

SC 95/5 ("Ted Roberts")	(Areas A, B)
SC 96/1 ("Maralinga Tjarutja")	(Areas A, B)
SC 97/5 ("Wirangu #1")	(Areas A, B)
SC 97/6 ("Wirangu #2")	(Area C)

Also in preparation but currently unregistered is a claim by Yabi Dinah

In close proximity but not directly affecting EL 2218 are Native Title claims SC 95/13 (Mirning) and SC 96/2 (Yalata).

A formal mediation conference called by the Native Title tribunal for claims SC 95/13, SC 96/1 and SC 96/2 was attended in Ceduna on 2-3rd April 1997. As one of 14 exploration companies affected by the overlapping claims, consensus was reached on continuing negotiations for a common access agreement through the Far West Coast Native Title Working Group under the auspices of the Aboriginal Legal Rights Movement.

Several meetings and discussions were held between representatives of the exploration companies and the ALRM on behalf of claimants resulting in an in-principal acceptable agreement that would allow access for calcrete sampling subject to a common regional clearance survey funded pro-rata by the companies. On August 18th 1997, a public announcement was made by ALRM, FWCWG, SA Chamber of Mines and the National Native Title tribunal announcing agreement between 5 Aboriginal Groups (Mirning, Maralinga Tjarutja, Yalata, Wirangu and Yabi Dinah) and fourteen exploration companies on procedures that would allow entry and exploration within their claim areas.

The ***Access Clearance and Native Title Mining Agreement*** was signed by Minotaur on 25th August 1997 and countersigned by the ALRM, Maralinga Tjarutja Native Title Claimants, Wirangu Native Title Claimants and Yabi Dinah Native Title Claimants at at a Community meeting held at Peetina (Head of the Bight) on the 25th - 26th October 1997. Claimant SC95/5 (Ted Roberts) remained outside of this agreement. Negotiations through legal representatives continued throughout 1998 but without an agreement being reached.

Clearance surveys to identify archaeological, spiritual and historical locations under this agreement were undertaken in October to December 1997 by anthropologists Scott Cane and Suzi Hutchings with representatives from each of the claimant groups. The Work Area Clearance Report for EL 2218 included 10 km radii exclusion zones (Category 3 and 4) around culturally sensitive granite outcrops. The exclusion zones effectively preclude even low impact exploration

across the bulk of the licence area. Minotaur advised the Aboriginal Legal Rights Movement in April 1998 that the Clearance Report was unacceptable because of the size of the exclusion zones put around sensitive sites.

Formal notices pursuant to part 9B of the SA Mining Act, 1971, were prepared in late 1997 (Form 26 Statutory Notice of Intentions of Negotiation with Native Title Parties and Public Notices under the Native Title (South Australia) Regulations 1995) to ensure legal compliance and allow the agreements to be registered with the State Mining Register. Negotiations with Claimant SC95/5 continued throughout 1998 through legal representatives but without an agreement being reached and with permission to undertake field operations expressly denied.

Consequently no field operations were undertaken during the reporting period.

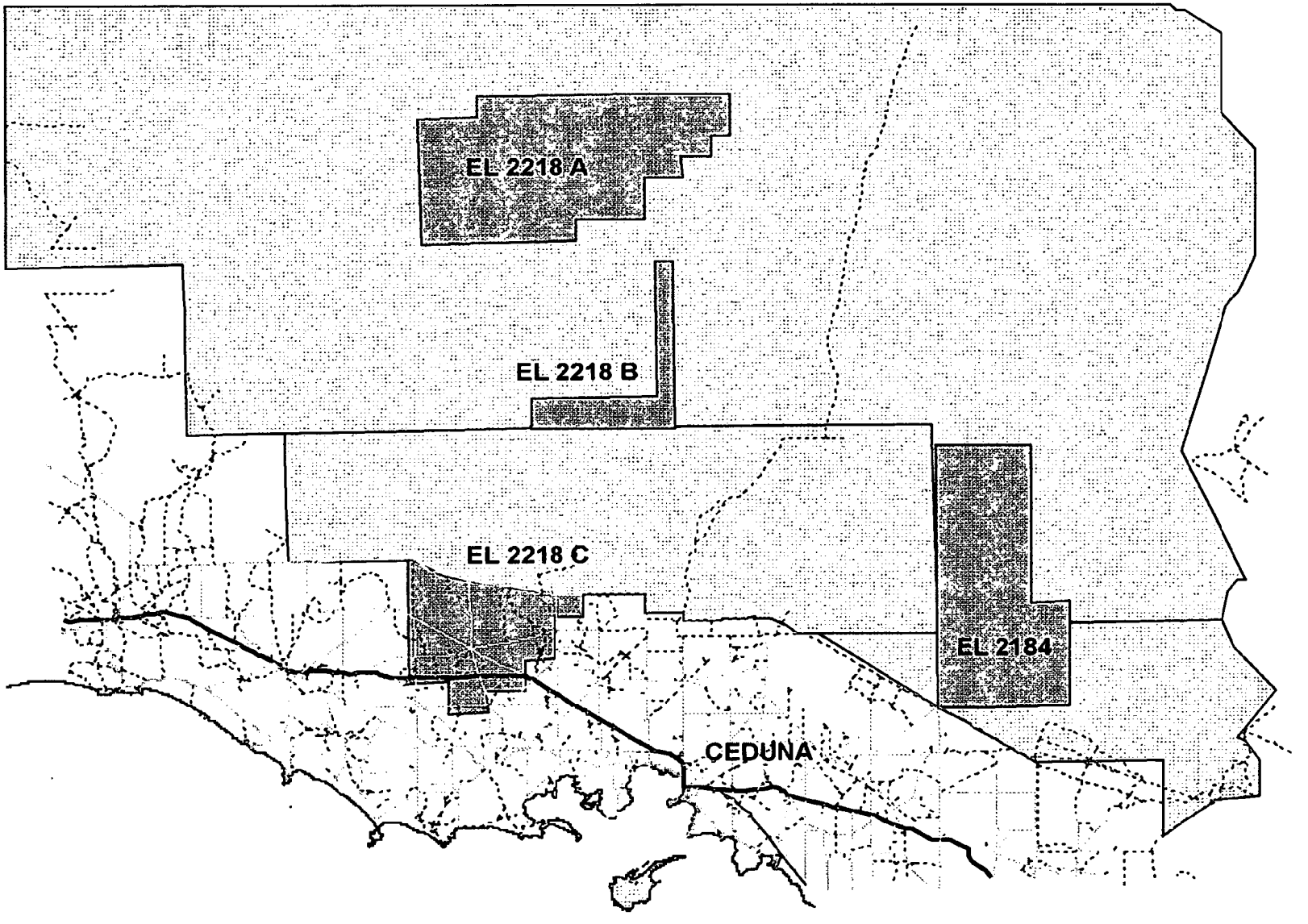


FIGURE 1. Location Map

MINES and ENERGY
RESOURCES SOUTH AUSTRALIA

FAXED

SUMMARY REPORT ON MINERAL EXPLORATION

EXPLORATION LICENCE No: 2218

For Six Months Ending: 24/10/98
Mineral(s) Sought: Au, Cu, Ni

Operator/Manager: Minotaur Gold NL
Prepared by: AP Belperio
Date: 14/01/99
Phone No: 8338 3333
Fax No: 8338 3233

SUMMARY OF OPERATIONS:

- No field operations were permitted under the Native Title Act.
- Negotiations continued with Native Title applicants with one applicant refusing to sign agreement, providing a major legal impediment.

Expenditure for period 25/04/98 to 24/10/98

Salaries, Super, WorkCover	$ 1 216
Travel	$ 393
Legal Expenses	$ 3 540
Admin Overheads (10%)	$ 515
	$ 5 664

EXPENDITURE

Expenditure for Period:	$ 5 664
Total Expenditure for the Licence:	**$ 20 163**

PRIMARY INDUSTRIES AND RESOURCES SOUTH AUSTRALIA

SUMMARY REPORT ON MINERAL EXPLORATION

EXPLORATION LICENCE No: 2218

For Six Months Ending: 24/04/99
Mineral(s) Sought: Gold, Copper, Nickel

Operator/Manager: Minotaur Gold NL
Prepared by: AP Belperio
Date: 25/05/99
Phone No: 8338 3333
Fax No: 8338 3233

SUMMARY OF OPERATIONS:

- No field operations were permitted ~~under the~~ Native Title Act.
- Negotiations continued on access agreements through legal representatives.

Expenditure for the period 25/10/98 to 24/04/99

Salary and Wages	$ 1 725
Fees, Licences and Legal Expenses	$ 5 544
Admin Overheads (10%)	$ 727
	$ 7 996

EXPENDITURE

Expenditure for Period: $ 7 996

Total Expenditure for the Licence: **$ 28 159**

Minotaur

A.C.N. 061 559 840

Minotaur Gold NL
1A Gladstone Street, Fullarton 5063, South Australia
Tel: +61 8 8338 3333 Fax: +61 8 8338 3233
website www.reflections.com.au/Minotaur
email mingold@ozemail.com.au

FACSIMILE TRANSMISSION

ATT: George Kiwtko
Mineral Registration PIRSA

FAX NO.: 8463 3101

FROM: AP Belperio
Chief Geologist

DATE: 24 September 99

SUBJECT: **RENEWAL OF EL 2218**

MESSAGE:

Exploration Licence 2218 (Fowler) currently expires on 24th October 1999. Negotiations with overlapping Native Title Claimants have continued for approximately 3 years but access to the larger parts of the tenement on crown land continue to be frustrated by the Native Title Act.

Consequently Minotaur will not be renewing this tenement.

To expire 24/10/99

Yours sincerely

Tony Belperio

AP Belperio
Chief Geologist