## DESERTEX NUMBER OF THE NUMBER



Outcrop on western end of EL 8386

FIRST ANNUAL REPORT
ELs 8385-8387, 8544, 8950-8951
HIGHLAND ROCKS - MOUNT THEO REGION
NORTHERN TERRITORY
November 1997

VOLUME 2

Authors

J.F. Allender

Allender Exploration Pty Ltd

**Unley SA** 

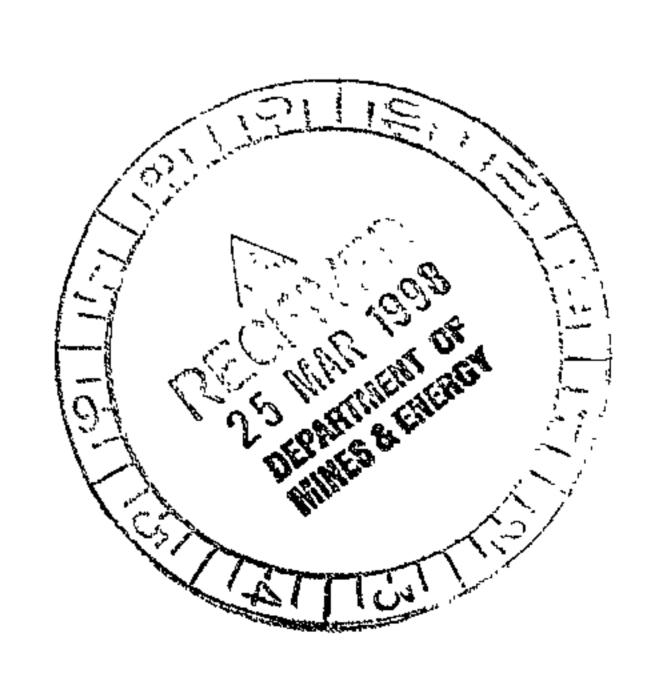
A.J. Hosking

A.J. Hosking and Associates Pty Ltd

Darwin N.T

DESERTEX NL ACN 072 023 351

PROSPECTUS



CR98/267

## DESERVEN

ACN 072 023 351

## PROSPECTUS

For the issue of 20 million fully paid ordinary shares of 20 cents each, at 20 cents per share, together with one free option for every two shares subscribed for, exerciseable at 25 cents and expiring on 1 April 2002, to raise a total of \$4,000,000

CORPORATE ADVISOR
Baron Partners Limited

JOINT UNDERWRITERS
Taylor, Collison Limited
D&D-Tolhurst Ltd

#### IMPORTANT NOTICE

This Prospectus is dated 00????? 1997

Other than shares issued from the exercise of Options, no Shares will be allotted or issued on the basis of this Prospectus later than twelve months after the date of issue of this Prospectus. Shares issued pursuant to the exercise of Options will be allotted and issued in accordance with the terms and conditions of the Option and, in any event, not more than 14 business days after receipt by the Company of a properly executed notice of exercise of the Option and any monies due to be paid upon that exercise.

A copy of this Prospectus was lodged with ASC on 00 ????? and has been registered by ASC.

ASC takes no responsibility as to the contents of this Prospectus.

The Exploration Licenses detailed in this Prospectus are at an exploration or evaluation stage only and accordingly the Shares and Options offered by this Prospectus are speculative in nature.

Before deciding whether to apply for Shares and Options, applicants for the Shares and Options offered by this Prospectus should read this document in its entirety, together with the instructions on the reverse of the Application Form.

Certain expressions with capitalised initial letters and certain abbreviations as used in this Prospectus are given special meanings in the section of this Prospectus headed Abbreviations and Definitions.

To ensure complete understanding of this Prospectus reference to that section is necessary.

#### DESERTEX NL

A.C.N. 072 023 351

M Level, Lippo House 210 George Street SYDNEY NSW 2000 P.O. Box N114
Grosvenor Place
SYDNEY NSW 1220
Tel: (02) 9252 1505
Fax: (02) 9252 1507

Dear Investor,

On behalf of the Directors, I have pleasure in presenting to you the Prospectus for Desertex and in inviting you to join the Company as a shareholder.

The purpose of the issue described in this Prospectus is to enable the Company to undertake an active and focused gold exploration programme on its tenements in the Tanami Desert in the Northern Territory.

The activities now undertaken by the Company were commenced in 1993 and since then the Company has been successful in securing six Exploration Licences. The tenement acquisition process was based on the initial identification of the exploration areas through interpretation of gravity and aeromagnetic data.

The Company's tenements are all on Aboriginal freehold land and a Deed for Exploration has been entered into with the Central Land Council on behalf of the Traditional Owners.

The key features of the Company's tenements include:

- a contiguous cluster of tenements covering approximately 5,500 square kilometres which have not been explored
  using modern exploration techniques other than remote sensing;
- aeromagnetic interpretation that the areas contain a sequence of rocks that bear striking resemblances to the Tanami province rock sequences of The Granites/Tanami Gold Province, which is a major gold producing province situated about 100 kilometres north of the project area;
- interpretation of aeromagnetic data has defined more than 30 target zones within the tenements. These target areas
  are analogous structurally and geologically to the settings of some significant gold mines and prospects in The
  Granites/Tanami Gold Province; and
- contiguity with several areas that are subject to exploration licence applications or granted tenements held by major
  competing mining and exploration companies, e.g. Sons of Gwalia Limited, PosGold Limited, Aberfoyle Limited
  and North Flinders Mines Limited. There were eight competing bids for some of the exploration area acquired by
  the Company when it became open for application in 1994.

The Directors commissioned Etheridge Henley Williams to prepare an Independent Consulting Geologist's report on the Company's exploration properties and that report is included in Section 6 of this Prospectus.

The Company has a well defined exploration programme which will commence promptly after the completion of the ssue. All of the necessary preparatory work has been undertaken and the initial geochemical sampling and shallow brilling is expected to commence in ••••• 1997.

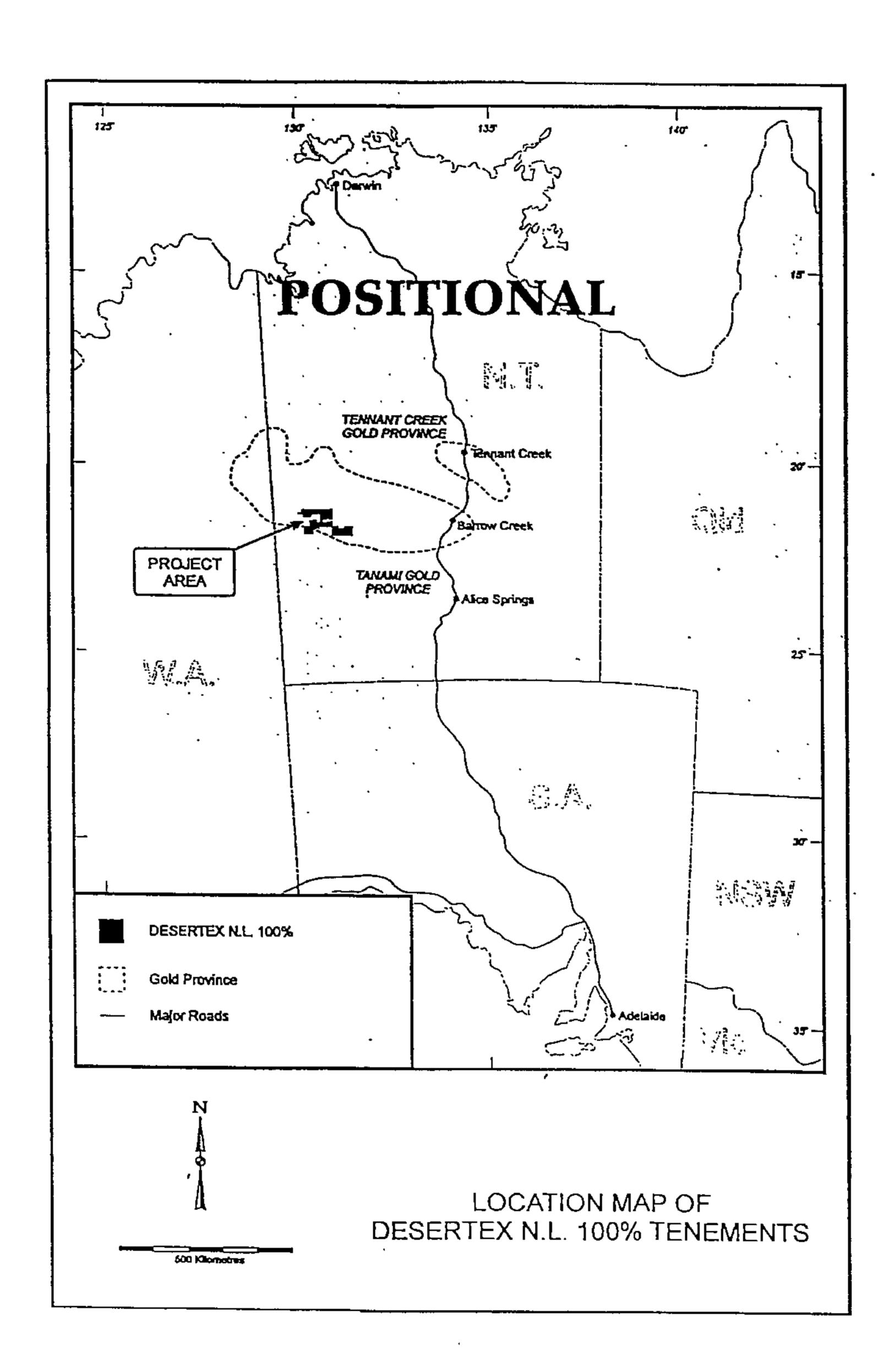
Between them, the Directors of Desertex have had extensive experience in mineral exploration, project finance, general management and public company administration. The Executive Directors have extensive experience in exploration teology and geophysics.

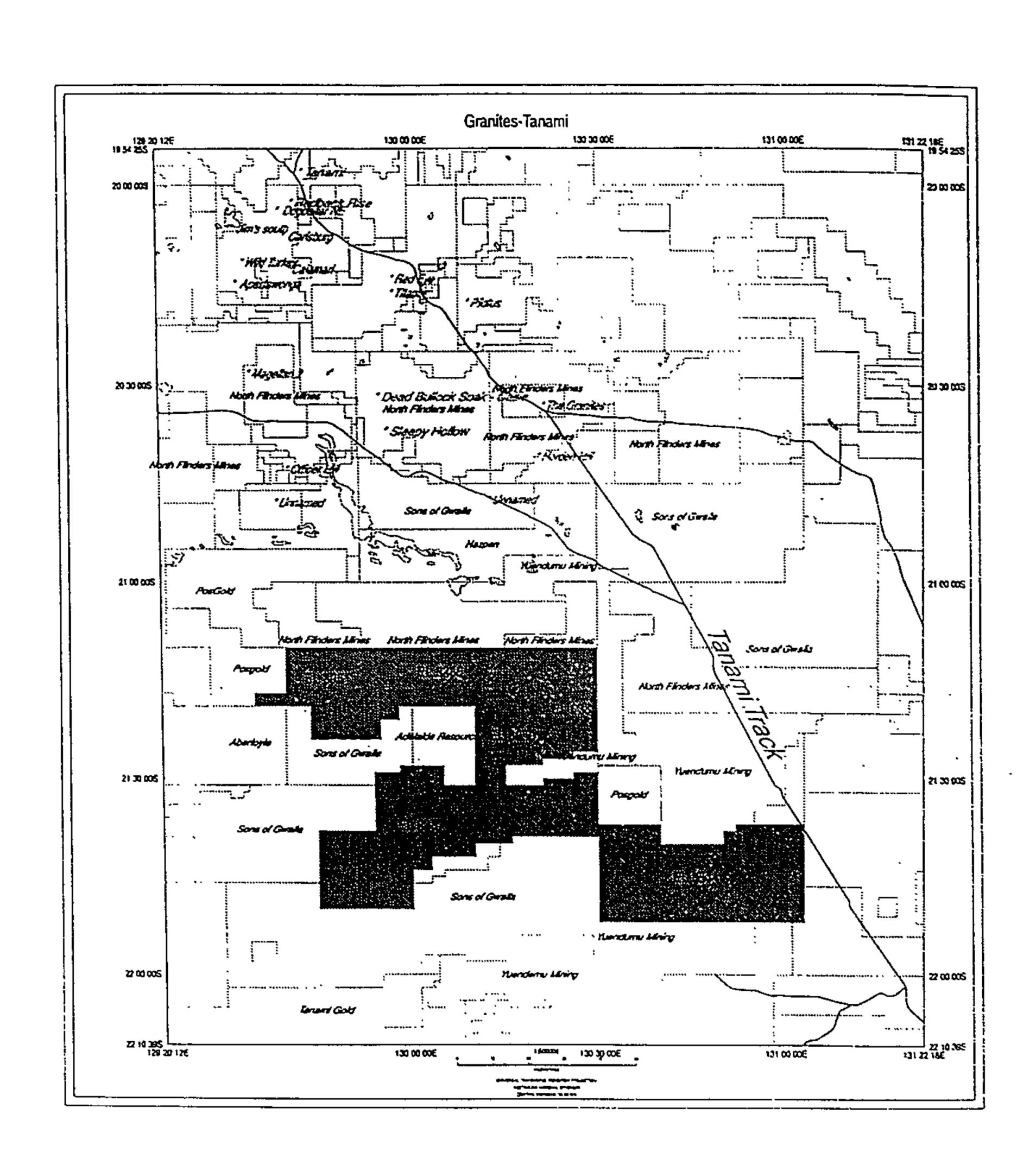
Please read the Prospectus carefully and discuss any issues which you may not understand with your investment Indviser before you make your decision to subscribe.

In behalf of the Board, I look forward to extending an offer to you to become a shareholder in Desertex which will enable you to participate in what we believe to be an exciting and profitable future for the Company.

ours sincerely,

PJD Elliott





The Granites/Tanami Gold Province showing Desertex NL tenements

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#### CORPORATE DIRECTORY

#### **DIRECTORS**

Patrick James Dymock Elliott
James Fraser Allender
Anthony John Hosking
Richard Clement Fitzhardinge Tiley
Francis Creagh O'Connor

#### **SECRETARY**

Richard Clement Fitzhardinge Tiley

#### REGISTERED AND CORPORATE OFFICE

Mezzanine Level 210 George Street Sydney NSW 2000 Tel: (02) 9252 1505 Fax: (02) 9252 1507

#### **SHARE REGISTRY**

KPMG Registrars Pty Ltd Level 11 115 Grenfell Street Adelaide SA 5000

#### INVESTIGATING ACCOUNTANT AND AUDITOR

KPMG 45 Clarence Street Sydney NSW 2000

#### INDEPENDENT CONSULTING GEOLOGIST

Etheridge Henley Williams Suite 34A 25 Walters Drive Herdsman Business Park Osborne Park WA 6017

#### INDEPENDENT CONSULTING GEOLOGIST VALUING TENEMENTS

Mackay & Schnellmann Pty Limited 25 Hamilton Street Subiaco WA 6008

#### **CORPORATE ADVISOR**

Baron Partners Limited 50 Margaret Street Sydney NSW 2000

#### SOLICITOR

Norton Smith & Co. Gateway 1 Macquarie Place Sydney NSW 2000

#### JOINT UNDERWRITERS

Taylor, Collison Limited
12 Pirie Street
Adelaide SA 5000

D&D-Tolhurst Ltd
459 Collins Street
Melbourne VIC 3000

#### 1. INVESTMENT SUMMARY

#### 1.1 THE OFFER

By this Prospectus, Desertex offers for subscription 20,000,000 Shares at an issue price of 20 cents per Share payable in full on application, together with one free attaching Option for every two Shares subscribed for, exercisable at 25 cents and expiring on 1 April 2002, to raise \$4,000,000.

#### 1.2 BACKGROUND AND ACTIVITIES

Desertex is an exploration company focusing its activities on The Granites-Tanami Gold Province of the Northern Territory.

Exploration Licences over open ground situated to the south of the present Granites and Tanami Gold Mines were originally applied for in 1993 and 1994. The Exploration Licences are situated on Aboriginal freehold land and negotiations were concluded with the Traditional Owners, through the Central Land Council, in September, 1996.

To date, Desertex's activities have been funded privately and the Directors have now resolved to make this offer to fund exploration of the ground covered by the six Exploration Licences which have been granted.

#### 1.3 CORPORATE OBJECTIVES

Desertex's present objective is to pursue the active exploration and development of its tenements. It will pursue this objective by undertaking an exploration programme to identify ore deposits within its tenements. Desertex ultimately intends to become a profitable mining and exploration company with the objective of paying dividends to its Shareholders.

#### 1.4 MANAGEMENT

The day to day exploration activities of the Company will initially be managed by the Executive Directors who have extensive experience in mineral exploration and mining, landowner negotiations and mining administration. Detailed particulars of the Directors are provided in Section 4 of the Prospectus.

#### 1.5 EXPLORATION INTERESTS

Desertex has acquired the Exploration Licences situated in the Highland Rocks and Mt. Theo 1:250,000 map sheet areas of the Tanami Desert, in the southwest of the Northern Territory, covering a contiguous cluster over an area of approximately 5,500 sq km.

For details of the Exploration Licences, potential investors are referred to other sections of the Prospectus including the Directors' Statement, the Independent Consulting Geologist's Report, the Independent Valuation Report and the Solicitor's Report.

#### 1.6 PURPOSE OF THE ISSUE

The purpose of the Issue is to raise funds:

- for the exploration and development of the Exploration Licences and administration costs in accordance
  with the exploration and expenditure programme detailed in Section 5.6 of the Prospectus and in the
  Independent Consulting Geologist's Report;
- for the evaluation and/or acquisition of new exploration opportunities for the Company, either by way
  of licence application or joint venture;
- to repay existing loans of approximately \$243,626 and to meet outstanding consultancy fees of \$217,500;
   and
- to meet the expenses of this Issue detailed in Section 10.10 of the Prospectus.

#### 1.7 UNDERWRITING

The Issue has been severally underwritten by Taylor, Collison Limited and D&D-Tolhurst Ltd, both of whom are members of the ASX.

Consideration payable to the Underwriters is by way of a commission of 4% and a management fee of 1% of the proceeds to be raised by the Issue. The commission and fee will be paid out of the proceeds of the Issue.

The terms of the Underwriting Agreement are summarised in Section 10.8 of the Prospectus.

#### 1.8 RESTRICTED SECURITIES

The escrow provisions of the Listing Rules may be applied for a period to be determined by ASX to some or all of the 10,000,000 Existing Shares, 8,000,000 Promoter Options, 2,000,000 Seed Capital Provider Options, 3,500,000 Director Options and 500,000 Advisor Options.

#### 1.9 INDEPENDENT VALUATION

Desertex commissioned Mackay & Schnellmann Pty Limited, a firm of independent consultants, to provide an independent opinion as to the value of the Company's Exploration Licences in their present state, as included in this Prospectus. The Independent Valuation Report appears in Section 7 of the Prospectus. Mackay & Schnellmann Pty Limited concludes that the most likely or preferred value of the Exploration Licences is assessed at \$2.2 million.

#### 1.10 NET ASSET BACKING

On the basis of the consolidated proforma balance sheet included in the Investigating Accountant's Report which appears in Section 9 of the Prospectus, which includes exploration interests of \$2.2 million based on the most likely or preferred value contained in the Independent Valuation Report in Section 7. KPMG has calculated the Company's net asset backing as 18.6 cents per Share. It assumes that a total of 30 million Shares are on issue and that no options have been exercised.

#### 1.11 RISKS OF INVESTING

The Shares and Options offered by the Prospectus are speculative in nature. The sharemarket performance of the Shares and Options will be determined by various factors including, but not limited to, the following:

- the success or otherwise of the high risk and speculative mineral exploration activities of the Company.
   These activities can be adversely affected by matters outside the control of the Company and the Directors and other events which are not easily identifiable at this time;
- the ability of the Company to obtain a workable mining licence over any successful discovery having particular regard to planning and environmental and heritage protection constraints, issues concerning native title, both actual and possible/potential, and cost of access to land;
- the ability of the Company to negotiate with owners of land to gain access to land covered by the Exploration Licences or any other exploration or mining licences, for the purposes of exploration and also, if warranted, development and mining. The Company's exploration interests all lie within Aboriginal freehold land and a sacred sites protection agreement with the Traditional Owners, or their authorised representatives, is required to enable access to be granted for exploration;
- under current legislation in the Northern Territory, the Company is required to follow procedures for the
  identification of sacred sites and is responsible for their protection. Sacred site clearances have been
  obtained from the Aboriginal Areas Protection Authority ("AAPA") for part of the land covered by the
  Exploration Licences for the purpose of permitting access roads to be constructed. Sacred site clearances
  have not yet been obtained for the remaining land covered by the Exploration Licences. It is proposed
  that the AAPA conduct a sacred site survey by no later than 00 ???? 1997;
- given the substantial total area over which Desertex has tenement interests, it can be expected that sacred sites may exist within the confines of these tenements. There is some risk that one or more sacred sites may be coincident with an area considered by the Company to be prospective for mineral exploration. In general however, such sites do not appear to have unduly impacted or restricted exploration elsewhere in The Granites-Tanami Gold Province;
- the success of the Company in negotiating suitable agreements with prospective joint venturers as
  successors to current exploration agreements or for the conduct of new projects;
- the economic viability of a discovery which will be dependent upon prevailing circumstances, particularly with respect to commodity prices, exchange rates, financing and operating costs;
- the Company has no income producing assets and is dependent upon being able to obtain future equity
  to support long term exploration, evaluation and development of its properties. If the Company is unable
  to obtain such funding, it may be required to vary future exploration, evaluation and development
  programs, in order to realise assets and extinguish liabilities and commitments other than in the normal
  course of business; and
- the performance of the gold price and the sharemarket as a whole, and in particular, the resources sector
  of the market.

This list is not exhaustive and potential investors should read the Prospectus in full and seek professional advice if they require further information on significant risks.

#### 1.12 IMPORTANT NOTE

This Investment Summary is not intended to provide complete or detailed information on the Issue. The Directors recommend that potential investors should examine the entire contents of the Prospectus and consult their advisors before deciding whether to apply for the Shares and Options offered for subscription.

#### 2. CAPITAL STRUCTURE

#### PRO FORMA CAPITAL STRUCTURE OF THE COMPANY

(Following allotment of the Shares and Options offered by the Prospectus)

NUMBER		\$
	AUTHORISED CAPITAL	
500,000,000	Shares of 20 cents each	100,000,000
	ISSUED CAPITAL	
	Promoter shares	
500	Ordinary shares of 20 cents each issued to promoters	100
7,999,500	Ordinary shares of 20 cents each issued to promoters	1,599,900
	Less discount on issue of 19.99 cents per share	(1,599,100)
	Seed capital provider shares	
2,000,000	Ordinary shares of 20 cents each issued to seed capital providers	400,000
	Less discount on issue of 10 cents per share	(200,000)
	Shares offered for subscription	
20,000,000	Ordinary shares of 20 cents each	4,000,000
30,000,000	Total issued and paid up capital after completion of Issue	4,200,900
	OPTIONS OVER UNISSUED CAPITAL .	
	Promoter, Seed Capital Provider and Advisor Options	
10,500,000	Options exercisable at 30 cents each on or before 1 March 2002	
	Director Options*	
3,500,000	Options exercisable at 40 cents each on or before 1 March 2002	
	Options offered for subscription	
10,000,000	Options exercisable at 25 cents each on or before 1 April 2002	
24,000,000	Total options granted after completion of Issue	······································

<sup>\*</sup> It is proposed that a further 250,000 Director options be issued to Mr F. C. O'Connor, a Director, subject to approval by Shareholders at the statutory meeting of the Company.

#### 3. DETAILS OF THE ISSUE

#### 3.1 SHARES OFFERED FOR SUBSCRIPTION

The Prospectus offers for subscription 20,000,000 Shares at an issue price of 20 cents per Share, payable in full on application, to raise \$4,000,000.

For every two Shares subscribed for, the successful applicant will also receive one free Option to subscribe for one further Share, exercisable at 25 cents on or before 1 April, 2002.

#### 3.2 MINIMUM SUBSCRIPTION

The minimum subscription to the Issue is \$4,000,000. No Shares or Options will be allotted until the minimum subscription has been received by the Company. If for any reason an Underwriter is relieved of its obligations pursuant to the Underwriting Agreement and the minimum subscription has not otherwise been received at the end of four months from the date of the Prospectus, all Application Monies will be refunded to applicants in full within seven days after the end of those four months. Interest will not be paid on Application Monies refunded. Over-subscriptions will not be accepted.

#### 3.3 APPLICATION PROCEDURE

All applications for Shares and Options must be made on the Application Form. Applications for Shares must be for a minimum of \$2,000 (representing 10,000 Shares and 5,000 Options) and thereafter in multiples of \$200 (representing 1,000 Shares and 500 Options).

Cheques must be in Australian currency, made payable to "Desertex NL" and crossed "Not Negotiable".

Applicants should read the instructions on the reverse of the Application Form before applying for Shares and Options. Completed Application Forms may be lodged at any time after the issue of the Prospectus and prior to the Closing Date.

Completed Application Forms, which must be accompanied by payment in full, should be lodged at the Share Registry in accordance with the instructions on the reverse of the Application Form.

#### 3.4 OPENING AND CLOSING DATES

Subscription lists will open at 9 am Sydney time on 23 April 1997 or such earlier or later date as agreed by the Underwriters and the Company in accordance with the terms of the Underwriting Agreement and will close at 5 pm Sydney time on 23 May 1997. The Directors reserve the right to close the subscription lists early or to extend the Closing Date without prior notice at any time after the Opening Date.

#### 3.5 ALLOTMENT OF SHARES AND OPTIONS

Subject to ASX granting approval for the Company to be admitted to the Official List, the Directors will proceed to the allotment of the Shares and Options within ten days of the minimum subscription being achieved. Subject to the terms of the Underwriting Agreement, the Directors and Underwriters reserve the right to allot Shares and Options in full for any application or to allot any lesser number or to decline any application. Where the number of Shares and Options allotted is less than the number applied for or where no allotment is made, the surplus Application Monies will be returned by cheque within seven days of the Closing Date. Interest will not be paid on the refunded Application Monies.

#### 3.6 STOCK EXCHANGE LISTING

Application will be made to ASX on or before the third day on which ASX is open after the date of issue of the Prospectus, for the Company to be admitted to the Official List and for Official Quotation of the Shares and Options offered by the Prospectus and of the Existing Shares. The fact that ASX may admit the Company to its Official List is not to be taken in any way as an indication of the merits of the Company or of the Shares or Options.

Application will be made for Official Quotation of any Shares allotted and issued pursuant to the exercise of an Option, within 3 business days after the date of allotment and issue of that Share.

Official Quotation, if granted, will commence as soon as practicable after holding statements are dispatched. ASX takes no responsibility as to the contents of the Prospectus.

The Directors do not intend to allot any Shares or Options pursuant to the Prospectus unless and until ASX grants permission for the Existing Shares and the Shares and Options offered by the Prospectus to be listed for Official Quotation.

If permission is not granted for the Existing Shares and the Shares and Options offered by the Prospectus to be listed for Official Quotation before the end of six weeks after the date of issue of the Prospectus (or within such longer period not exceeding twelve weeks after the date of issue as may be notified to the Company by or on behalf of ASX), then all Application Monies received pursuant to the Prospectus will be repaid to applicants within the time period prescribed under the Corporations Law.

#### 3.7 NO ISSUE OF SHARES AFTER TWELVE MONTHS

No Shares or Options (other than Shares allotted and issued pursuant to the exercise of Options) will be allotted or issued on the basis of the Prospectus later than twelve months after the date of the Prospectus.

#### 3.8 CHESS SYSTEM

The Company will apply to participate in the Clearing House Electronic Subregister System (CHESS), pursuant to the Listing Rules. The Company will not issue share or option certificates to successful applicants. In addition to CHESS the Company will operate an issuer sponsored subregister. The two subregisters together will make up the Company's register of securities. Following allotment the Company will provide successful applicants on the issuer sponsored subregister with a statement (similar to a bank account statement) that sets out the number of securities allotted and the Securityholder Reference Number (SRN) allocated. Successful applicants on the CHESS subregister will be issued a notice stating their Holder Identification Number (I-IIN) and advising the number of securities allotted. Statements will be issued at the end of each subsequent month to all holders if a transaction has been applied to their holding during the month. End of month statements are issued to CHESS holders by the clearing house and to issuer sponsored holders by the Company's registry.

#### 3.9 NON-RESIDENT INVESTORS

The distribution of the Prospectus in jurisdictions outside Australia may be restricted by law and persons into whose possession this document comes should seek advice on and observe any such restrictions.

It is the responsibility of investors who are non-residents of Australia to obtain all necessary approvals for the allotment and issue of Shares and Options to them pursuant to the Prospectus.

#### 3.10 DIVIDEND POLICY

The Directors provide no assurance in respect of the extent and timing of future dividends (if any) as this will depend upon the future profitability and financial position of the Company as well as other economic factors. There is no current proposal to pay dividends.

#### 4. DIRECTORS' PROFILES

#### Patrick James Dymock Elliott - M.B.A., B.Comm., A.S.A. (Non-Executive Chairman)

Mr Elliott, aged 44, has had over 25 years' experience in investment, financial and industrial management, having previously been with Consolidated Goldfields Australia Limited (now Renison Limited), Morgan Grenfell Australia Limited and Natcorp Investments Limited. He is also a Director of Alpha Healthcare Limited, St. Francis Mining NL, Triplecee Investment Management Limited (the manager of the listed Triplecee Retail Investment Trust), BioDiscovery Limited and Pima Mining NL.

#### James Fraser Allender - B.Sc (Executive Director)

Mr Allender, aged 51, is a graduate of the University of Western Australia where he studied Geology and Pure and Applied Mathematics. Prior to 1987, he worked principally in the petroleum exploration industry as an exploration geophysicist. He has held staff positions with West Australian Petroleum and Delhi Petroleum and has worked in contract positions for a number of companies including Western Mining, Santos, Getty Oil and CSR (China). In 1985-7, he constructed and administered a data base of all undrilled oil & gas prospects and leads for CSR. A significant portion of Mr Allender's career has entailed acquiring, computing and interpreting geophysical data in a variety of geological environments. Mr Allender has extensive exploration experience in South Australia and the Northern Territory. He provides specialist geophysical image-processing services to both government and industry. He owns and operates UNIX based workstations running a variety of geophysical data processing and imaging software. He is a Member of The Australasian Institute of Mining and Metallurgy and a member of the Society of Exploration Geophysicists and the Geological Society of Australia.

#### Anthony John Hosking - B.Sc(Hons) (Geology) (Executive Director)

Mr Hosking, aged 56, is a graduate of the University of Adelaide where he obtained the degree of Bachelor of Science Honours (Geology) in 1962. He subsequently worked for Asarco Australia Pty Ltd., Preussag Australia Pty Ltd. and Electrolytic Zinc Company of Australasia Limited, as an exploration geologist on projects in South Australia, Western Australia, Victoria, New South Wales, Northern Territory and Fiji until 1982. From 1982 to 1987, Mr Hosking was employed by the Northern Territory Department of Mines and Energy as Assistant Director-Northern of the Northern Territory Geological Survey. In 1987, Mr Hosking established the consulting firm of A.J. Hosking and Associates Pty Ltd., specialising in matters pertaining to Aboriginal land. He currently is the Northern Territory Agent for the Perth-based groundwater consulting firm, Rockwater Pty Ltd. Mr Hosking is a Fellow of The Australasian Institute of Mining and Metallurgy, a Fellow and Northern Territory representative of the Australian Institute of Geoscientists, a Member of the Geological Society of Australia and a member of several other national and international organisations in various fields of geoscience.

#### Richard Clement Fitzhardinge Tiley - F.C.A., A.C.I.S. (Non-Executive Director)

Mr Tiley, aged 66, is a chartered accountant and former partner of Touche Ross & Co with 26 years' experience of corporate finance and administration in mining and other industries. Mr Tiley is also a director and secretary of Pima Mining NL, and an alternate director and secretary of Triplecee Investment Management Limited.

#### Francis Creagh O'Connor F.A.I.M., F.A.I.C.D. (Non-Executive Director)

Mr O'Connor, aged 59, is a consultant to the engineering and construction industry. He has had 30 years' experience in Australia, Asia and the Middle East. He is also a director of West Australian Metals NL, International Pacific Investments Limited and of several private companies.

#### DIRECTORS' STATEMENT

#### 5.1 INTRODUCTION AND HISTORY

Acquisition of the Company's tenement portfolio commenced in 1993 with Exploration Licence Applications 8385-8387 following the identification of the area south of The Granites Mine in the Granites-Tanami Gold Province as a highly prospective area for gold by the Company's technical consultants. Desertex was established in 1995 and the Exploration Licences were subsequently granted to Gresco, as trustee for Desertex, on 18 October, 1996. These licences are now held directly in the name of Desertex.

Apart from the acquisition of remote sensed exploration data, there is no record of any systematic exploration program previously having been undertaken on the Company's tenements.

Most of the area in which Desertex is interested is covered by a sand plain with longitudinal sand dunes, plus areas of laterite and calcrete. There is little outcrop. As a result, the geological mapping and knowledge of the area is poor. Recent airborne geophysics have improved the understanding of the Highland Rocks and Mt. Theo 1:250000 map sheet areas and substantially raised their prospectivity.

The origins of the Exploration Licences now owned by Desertex arose from the assessment and reprocessing by technical consultants of gravity data acquired per the Northern Territory Department of Mines and Energy. The gravity data were acquired in 1967 by the Bureau of Mineral Resources (BMR), now the Australian Geological Survey Organisation (AGSO). AGSO aeromagnetic data was subsequently reprocessed as soon as it became available. A large scale regional processing of all available aeromagnetic data has now commenced. Reprocessing of Landsat TM digital data has also been undertaken.

The evaluation of the 1994 aeromagnetic data shows faulted features similar to those in the Callie/Dead Bullock Soak area to the north as well as curvilinear features analogous to those in The Granites/Quorn-Shoe-Bullakitchie Bunkers Hill area. It is predicted that a belt of siliceous non-rich rocks crosses the area within the Exploration Licences from east to west. These iron-rich rocks may be similar to those rocks which host mineralisation at The Granites and Tanami Mines, namely the Mount Charles beds. There has been no geological field visit to date as this is not permitted until final signing of a Sacred Sites Agreement with the Traditional Owners. AGSO Bulletin 197 suggests that the iron-rich Mt. Charles beds occur on the Highland Rocks sheet.

The evaluation of the available aeromagnetic data by the Company has identified in excess of 30 target zones with varying degrees of prospectivity on the basis of:

- structural dislocations and faulting affecting magnetically banded units, possibly iron formations, cherts
  and mafic volcanics;
- magnetic anomalies in contact aureoles of granite intrusions; and
- deflections and splays on major shear zones.

Some of these target areas, as detailed in the Independent Consulting Geologist's Report, are analogous structurally and geologically to the settings of some significant gold mines and prospects in The Granites / Tanami Gold Province and are considered by the Independent Consulting Geologist to be worthwhile areas for exploration.

Upon gaining legal access, the Company intends to focus its initial exploration upon the abovementioned targets. The initial exploration will apply geochemical techniques which are appropriate to the sampling of media such as laterite and calcrete. These types of techniques and media have proved to be effective in defining buried gold mineralisation in regions where younger surficial cover masks the bedrock, notably in the Gawler Craton of South Australia.

The initial exploration work will mainly comprise surface sampling where laterite and calcrete are exposed and shallow drilling where it is buried. The scattered outcrops of bedrock lithologies will be checked and sampled as warranted.

The geochemical sampling and drilling is expected to be adequate to generate early targets for follow-up deeper rotary airblast (RAB) and reverse circulation (RC) drilling.

The activities of the Company have been funded privately to date, including the latest seed capital raising in February 1997 which was largely subscribed for by the original investors in the Company. Funds raised to date have been utilised to fund licence applications, to meet consulting costs, to pay the costs of various meetings with the CLC and the Traditional Owners and to meet costs associated with the proposed public listing of the Company including the preparation, printing and distribution of this Prospectus.

The Directors of Desertex have a wide range of experience in mineral exploration, mining, and corporate management and public company administration. Details of the Directors' experience are set out in Section 4 of the Prospectus. It is the Directors' intention to undertake an exploration program which will employ current geological, geochemical, geophysical and remote sensing techniques appropriate to the terrain to a progressively expanding exploration database and to current theories of all metallogenesis.

While the Company would consider tenement acquisition opportunities, the area upon which it has focused has generated significant interest from major gold mining companies and the Directors do not consider it likely that in the short term the Company's exploration interests in the area will be expanded by acquisition.

#### 5.2 COMPANY OBJECTIVES AND STRATEGIES

Desertex's principal objective is first to discover and then to mine commercially viable gold deposits in the Granites-Tanami Gold Province of the Northern Territory thereby generating wealth for the Shareholders. The development of such gold deposits would be undertaken so as to generate a cash flow for the Company which would be utilised to fund further exploration and development, tenement acquisition and to pay dividends to Shareholders.

The strategy which Desertex intends to adopt in order to achieve its stated objectives is to undertake exploration of its Exploration Licence areas which have been granted. The Company's portfolio of tenement interests comprises an area in The Granites-Tanami Gold Province in the Northern Territory of approximately 5,500 sq km.

The tenements form the "Highland Rocks Project" and comprise a contiguous cluster of six Exploration Licences (EL 8385, 8386, 8387, 8544, 8950 and 8951) in the Northern Territory which are granted until 17 October 2002.

The tenements lie within Aboriginal freehold land and are subject to a sacred site survey prior to access. The CLC has indicated that it will undertake the necessary site clearance in XX • • XX. The CLC has conducted a site clearance survey of part of the land covered by the Exploration Licences for the purpose of permitting access roads to be constructed and has consented to that construction taking place, without further consent being required.

A small part of the land convered by EL 8544 may overlap onto the Mt Doreen Perpetual Pastoral Lease. The problem lies in the fact that the east-west boundary between the Mala Aboriginal Land Trust (NT Portion 3745) to the north and the Mt Doreen Perpetual Pastoral Lease (NT Portion 1947) to the south, is a "floating" border that has not been surveyed or marked out. It is quite conceivable in fact, that the actual boundary between those two portions is such that the overlap does not exist at all. Nevertheless, the Company has given to the Northern Territory Department of Mines and Energy a written surrender of any land covered by EL8544 that in fact does overlap onto the Mt Doreen Perpetual Pastoral Lease. The Directors believe that the surrender will resolve any suggestion that EL8544 or any part thereof would be invalid to the extent that it affected any native title which may or may not exist on the abovementioned pastoral lease.

Desertex's strategy is to explore an area of a size that permits efficiencies of scale and hence maximises the chances of economic success. The exploration areas owned by Desertex deliberately comprise a contiguous block of prospective ground permitting consolidation of the exploration effort within a major project area.

The areas to be explored by Desertex have not been the subject of previous detailed mineral exploration. At present, there are no roads, fences or drill holes within the five Exploration Licences in the Highland Rocks 1:250,000 mapsheet area..

The exploration program planned by Desertex comprises a surface sampling and drilling program with follow up RAB and/or RC drilling to celineate coincident geophysical and geochemical anomalies.

The corporate strategy of Desertex which will be followed to achieve its objectives will comprise:

- the maintenance and development of strong technical and management personnel with skills specific to and commensurate with the activities being carried out by the Company;
- maintenance and fostering of co-operative and friendly working relationships with the Traditional
  Owners of the land on which the Company has its tenements and where it has approval to explore;

- exploration of the Company's tenements using appropriate geological, geophysical and geochemical techniques;
- development and integration of the geoscientific database which has been accumulated by the Company;
   and
- development and maintenance of a responsible environmental policy.

#### 5.3 DEED FOR EXPLORATION WITH CENTRAL LAND COUNCIL

Gresco, on behalf of Desertex, has entered into a deed for exploration with the CLC on behalf of the Traditional Owners. All rights under that Deed are now held directly by the Company.

In accordance with the Aboriginal Land Rights (Northern Territory) Act, granting of exploration licences can only occur after the applicant has entered into a deed for exploration with the CLC on behalf of the Traditional Owners.

In accordance with these requirements, the Deed for Exploration was entered into on 20 September 1996 and the Exploration Licences granted by the Northern Territory Department of Mines and Energy on 18 October 1996. The terms of the Deed for Exploration are summarised in Section 10.8 of the Prospectus. The Directors believe the terms of the Deed for Exploration do not impose any commercial or practical impediment to exploration and, assuming success, to subsequent mine development that would not otherwise be imposed on any other holder of the Exploration Licences. The Deed for Exploration provides for certain compensation payments during the exploration phase and for royalty-type payments on any mining activity that might occur. It also sets out a framework for the Company, its employees and its consultants to work with the Traditional Owners so that the Company can undertake an efficient exploration and development program but at the same time meet the requirements of the Traditional Owners.

#### 5.4 SUMMARY OF WORK COMPLETED

The Directors recognise the high risk nature of exploration and mining and will seek to use all of the Company's funds effectively so as to maximise the chances of delivering the returns appropriate for the risks involved. A staged exploration program has been planned on the tenements with initial field work commencing immediately following the closure of the Issue.

To date, the Company's activities have been focused on gaining title to the areas covered by the Exploration Licences including entering into a Deed for Exploration with the CLC on behalf of the Traditional Owners. In addition, the Company has undertaken all the preparatory work necessary to commence an active and well defined exploration programme immediately following upon the closure of the Issue.

The activities undertaken by the Company and its consultants include:

- Assessment of past geological work within the Highland Rocks and Mount Theo 1:250,000 map sheet areas undertaken by the former BMR;
- Procurement of preliminary 1:100,000 topographic map compilations and sets of black/white aerial photographs of the Exploration Licence areas from the Australian Land Information Group (AUSLIG);
- Procurement and provision of satellite imagery of the Exploration Licence areas in hard copy and digital formats;
- Interpretation of the aerial photographs and satellite imagery;
- Preparation of digital elevation models and related slope maps from the available topographic data (including data from the 1994 AGSO airborne geophysical survey of the Highland Rocks and Mount Theo 1:250,000 map sheet areas);
- Detailed computer processing, imaging and geological interpretation of the AGSO magnetic, radio metric and topographic data;
- Preparation of geological, geophysical and topographic base maps at 1:100,000 scale;
- Establishment of a Geographic Information System to handle all data;
- Examination and sampling of waterborne cuttings held in Alice Springs by the Water Resources Division
  of the Northern Territory Department of Lands, Planning and Environment in relation to EL8544;
- Research of all open file mineral exploration data held by the Northern Territory Department of Mines
  and Energy for the southern parts of the Granites and Mount Solitaire 1:250,000 map sheet areas and the
  western part of the Mount Theo map sheet area;

- Assessment of past and current drilling techniques in the Granites / Tanami province to determine the
  relative technical merits and demerits plus the costs of the various techniques which are available for
  sampling of the regolith and bedrock;
- Establishment of a base in Alice Springs and procurement of necessary items of field and office equipment; and
- Conditional hiring of professional, technical and administrative staff to meet the company's needs.

#### 5.5 INITIAL PROGRAMME

Following this preliminary work, and subject to completion of the sacred site survey referred to above, the initial programme will commence immediately following the closure of the Issue and will be focused on a number of targets on which significant geological structures (such as fold closures, shear zones, veins and faults) have been interpreted from the magnetic data. Potentially, these are the main loci for gold mineralisation and virtually all are covered by surficial deposits of sand and/or laterite.

The initial reconnaissance work will comprise:

- Rock chip sampling of the outcrops of the lithologies present and the sampling of laterites above interpreted structural features;
- Shallow drilling to sample near surface regolith profiles; and
- Ground magnetics.

Following the initial reconnaissance program, more detailed regolith and shallow drilling may be required prior to the identification of prospects suitable for RAB/RC drilling.

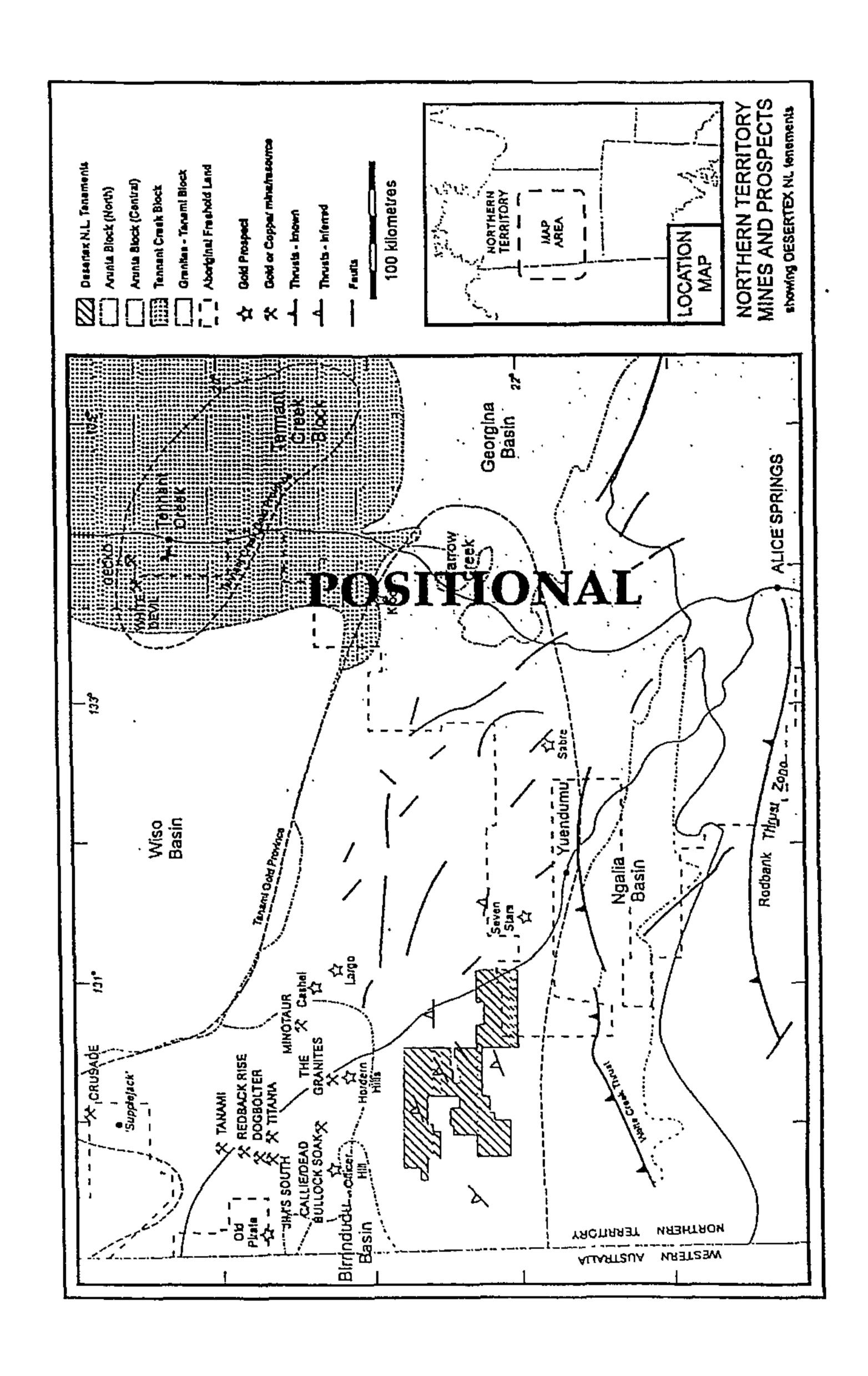
As outlined in Section 6 in the Independent Consulting Geologist's report prepared by Etheridge Henley Williams, the Company's tenements contain a sequence of rocks, part of the northern Arunta block, which bear a resemblance to the Tanami province rock sequences of the Granites / Tanami area, a significant gold producing province about 100 kilometres north of the project area.

The aeromagnetic interpretation has identified in excess of 30 target zones which are analogous structurally and geologically to the settings of some significant gold mines and the prospects of the Granites / Tanami Gold Province.

#### 5.6 UTILISATION OF FUNDS

The Company proposes to fund exploration and evaluation activities (including overhead and administration costs) based on the programmes and budgets outlined below. The exploration programmes are commented upon in the independent Consulting Geologist's Report in Section 6 of the Prospectus. These programmes and budgets are planned on the basis of the Company's present knowledge of the project area. However, actual allocation of funds may vary depending upon exploration and evaluation results during the course of the budgeted programmes.

	YEAR I S000	YEAR II \$000	TOTAL \$000
Geology	200	250	450
Geophysics	150	100	250
Geochemistry	150	250	400
Drilling	150	400	550
Field Overheads	200	250	450
Traditional Owners' require.rents	50	50	100
Database and Regional	100	150	250
Sub Total	1,000	1,450	2,450
Administration and Overhead	325	325	650
Total Expenditure	1,325	1,775	3,100



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#### 6. INDEPENDENT CONSULTING GEOLOGIST'S REPORT



#### ETHERIDGE HENLEY WILLIAMS

General Manager:
David P.M. Adams
Ph: (06) 285-2402
Peincipals:
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Suite 31A, 25 Watters Drive, Herdsman Business Park Osborne Park WA 6017

2 April, 1997

The Directors
Desertex NL
Mezzanine Level
210 George Street
SYDNEY NSW 2000

Gentlemen,

#### RE: INDEPENDENT CONSULTING GEOLOGIST'S REPORT

This report has been prepared as an Independent Consulting Geologist's Report (the "Report") for inclusion in the prospectus of Desertex NL ("the Company") to be dated on or around 2 April, 1997 for an issue of 20,000,000 ordinary shares of 20 cents par value, with an issue of free attaching options on a 1 for 2 basis. The intention of the share issue is to raise funds to conduct mineral exploration, for gold and other metals, within mineral tenements and interests held by the Company located in The Granites - Tanami and Arunta regions of the Northern Territory.

Etheridge Henley Williams - Geoscience Consultants ("EHW") have been commissioned as independent technical consultants to review the geology and prospectivity of the mineral tenements and interests held by the Company as set out in this Report. This Report is neither a "Valuation" Report nor a "Fair and Reasonable" Report. It is prepared with the full intention of commenting on the appropriateness of the proposed exploration program of the Company to ensure that the requirements of the Australian Stock Exchange's Listing Rule No. 1.4.4 are satisfied.

This Report has been prepared in accordance with:

- the draft 'Code and Guidelines for Assessment and Valuation of Mineral Assets and Mineral Securities for Independent Expert Reports (The VALMIN Code)', as proposed by the Australasian Institute of Mining and Metallurgy (AusIMM) and the Australian Institute of Geoscientists (AIG), dated February 16, 1994;
- the Listing Rules of the Australian Stock Exchange Limited ("ASX Listing Rules"); and
- various provisions of the Corporations Law.

Where identified mineral resources or ore reserves have been referred to, the terminology has been based on that laid out by the Joint Committee of the AusIMM and AIG.

#### AUTHORS:

This Report has been prepared by the following EHW personnel, whose professional experience is detailed in Section 2.4 of the Report

- Expert with overall responsibility for the content of the report, and with more than ten (10) years' appropriate
  experience- Dr Peter R. Williams, BSc Hons (Geology), PhD, Member AIG; and
- Specialist with special input to the report, and with more than twenty (20) years' appropriate expertise Mr Geoffrey W Hewlett, BSc Hons (Geology), MSc (Mineral Exploration), and DIC Member AusIMM.

#### **DECLARATIONS:**

Neither EHW, Dr Peter Williams, nor Mr Geoffrey Hewlett have any present or contingent interest(s) or association with the Company, no interest(s) in any of the mineral tenement(s), no beneficial interest in the outcome of this Report, and have no conflict of interest in preparing this Report.

Neither EHW, Dr P Williams nor Mr Geoffrey Hewlett has received or may receive any pecuniary benefits, or any other financial benefits, as a result of preparing this report other than the EHW's normal consultancy fees based on its standard professional rates plus reimbursement for out-of-pocket expenses.

EHW has had no prior association with the Company prior to the commissioning of this Report.

This Report has been prepared on the basis that the Directors of the Company have made full disclosure to EHW of all information material to the Report, and that all such information is true, complete, non-confidential and accurate and that the Company has advised EHW that it is authorised and entitled to release all information that it holds in respect of this Report. EHW has no reason to doubt that this has not been the case. EHW has had access to the Company personnel and technical records to the full extent that, in the reasonable opinion of EHW, they are relevant to the tenements which are the subject of this Report.

Nevertheless, the Company has provided EHW, in writing, with an indemnity under which EHW is to be compensated for any liability which arises from our reliance on information provided by the Company or on false or misleading information generally, or from the Company not providing EHW with material information or otherwise.

The Company has not made any written or oral agreement offering to provide EHW with a success fee or future work based on this Prospectus under assessment, or on any other project in which the owners or promoters or their associates are interested, either directly or indirectly.

Etheridge Henley Williams has consented to the inclusion in this Prospectus of this Independent Technical Report in the form and context of it being an assessment of the geology and prospectivity of the tenements, and the proposed exploration program, for prospective shareholders in the Company, and not for any other purpose. EHW has not been involved in the preparation of, or authorised the issue of, any other part of the Prospectus in which this Report is included.

Our Report follows hereinafter.

#### 1. SUMMARY

This summary provides potential investors with an overview of the technical and conceptual basis for the Company prospectus and proposed exploration program, and the prospectivity of those tenements.

The main sources of information available to assess the tenements were a Landsat TM image and a regional aeromagnetic data set, both covering the area of the six tenements.

Literature most pertinent to assess the exploration models for the area includes papers on the geology, mineralisation and exploration history of The Granites and Tanami goldmines (which are situated 100km to the north), reports to the Australian Stock Exchange from mining and exploration companies working in the area and reports by the Australian Geological Survey Organisation - AGSO (formerly the Bureau of Mineral Resources, BMR) on geological mapping, geophysical interpretation and remotely sensed data for the area.

The detailed assessment of these datasets as they relate to the Company tenements and exploration program follow in the body of the report, and includes:

- The geology of the project areas;
- An assessment of the key target areas within each tenement, based on aeromagnetic and satellite image
  interpretation and review of data; and
- Comments on the exploration program.

An inspection of the Exploration Licence Areas was not carried out as would normally be a required part of the assessment process, because access has not yet been granted by the Central Land Council. Therefore the assessment rests purely on remotely-sensed data without having had the opportunity of 'ground-verification' of the interpreted geology.

#### 1.1 COMMENTS ON THE OVERALL PROGRAM

The Company program in the Tanami area of the Northern Territory, described in this prospectus, is a grass roots gold exploration program (Figure 1). There are six tenement areas in all, forming two separate tenement blocks. Both of these blocks are in remote and relatively inaccessible areas, and both areas are largely covered by windblown sand and other residual and surficial materials within the Tanami Desert environment.

The Tanami gold province (Figure 1) has been demonstrated to be a highly productive region, despite this difficulty of access and environment. Discoveries by North Flinders Mines Ltd at Dead Bullock Soak, Callie, Titania, Pirate and Oberon, by Tanami Gold N.L. at the Kookaburra, and by the Central Desert Joint Venture (Otter Gold Mines Ltd and Acacia Resources Ltd) at Redback, Dogbolter, Jim's Find and Crusade have led to total announced resources in the Tanami region which are now nearly 4 million ounces and growing whilst cumulative gold production has reached 1.7 million ounces in ten years from a negligible starting base. We therefore conclude that the overall prospectivity of the region is high.

#### 1.2 GEOLOGICAL CONCEPTS FOR POTENTIAL GOLD MINERALISATION IN THE HIGHLAND ROCKS TENEMENTS

The Company have premised the selection of tenements, the targeting of particular areas and the proposed exploration program upon certain ore deposit models and geological concepts. This section explains the basis of these concepts in order to allow potential investors to evaluate the Company's projects and their potential worth. Our understanding of the ge-logical setting of the region is explained in plain language below:

- Geologically the Tanami gold province straddles an area underlain by ancient crustal rocks assigned to two
  separate early Proterozoic terrains known as The Granites-Tanami Block in the north and the Arunta Block to
  the south. The rocks of these terrains have many similarities. The main rock types are greywacke sediments and
  granites;
- During the Palaeoproterozoic, these sediments were deposited into subsiding marine basins underlain by Archaean age metamorphosed basement rocks. The grain size and composition of these sediments varied depending upon the rate of input and the source of the eroded products. Fine grained chemical sediments, banded iron formations and carbonaceous shales were deposited in still marine conditions. Some minor layers of mafic volcanic rocks were also deposited. Units such as the Killi-Killi Beds, the Lander Rock Beds and the Mount Charles Beds typify these sedimentary deposits;
- Hot granite magma intruded the sediments during a late Palaeoproterozoic mountain building event. Tight folding, shearing and metamorphism due to increasing heat and pressure, accompanied this activity and introduced gold mineralising fluids into various structural environments, mostly controlled by faulting. Some of these fluids were channelled along active faults at the margin of the intruding granite plutons. A heat aureole exists around the granite for some time during and after its emplacement. This aureole is often silica and iron rich. Where subsequent shearing effects these silica and iron rich rocks, then conditions are also favourable for deposition of mineralisation;
- Where mineralising fluids were able to infiltrate chemically reactive iron rich rocks, and to invade shattered
  brittle rocks or move through discontinuity's along active fault zones, then the opportunity exists for deposition
  of gold mineralisation. Gold is commonly associated with quartz veining often with anomalous concentrations
  of arsenic, copper, lead, zinc and bismuth; and
- During metamorphism of iron-rich sediments magnetite (a magnetic mineral) crystallises allowing
  identification of these units through aeromagnetic mapping. Granite contacts, shear zones and various
  intrusives can be mapped in this way by the identification of zones of magnetite enrichment or destruction.

On this basis, the Company acquired the AGSO geophysical database including aeromagnetics and gravity survey information. The aeromagnetic survey was released in 1994 and flown on 500m spaced north-south lines and a 90m flight height in a regular grid pattern. The survey covered very large tracts of ground taking in the Highland Rocks and Mount Theo map sheet areas. This data is available in computer-readable form, and was image-processed by Mr Jim Allender, a geophysicist and one of the principals of the Company, allowing structural and geological interpretation of the tenement areas. Prospective target zones with potential to host gold or gold-copper mineralisation were selected, based on extrapolation of the geological setting at known mines and prospects in The Granites - Tanami and Tennant Creek areas into similar settings identified within the tenements.

Having reviewed the geological literature on the geological setting of the known mines and prospects in The Granites-Tanami Province and the Tennant Creek Districts, we can summarise their main features as follows:

- Situated where magnetite bearing iron-rich rocks occur close to the contact metamorphic aureole of syntectonic Palaeoproterozoic granites eg. The Granites, Bullakitchie;
- Localisation at perturbations on major shear surfaces particularly where they disrupt rigid rock bodies such as silicified greywackes, dolerite or mafic volcanics eg. Tanami, Redback North, Redback Rise, Dogbolter;
- Sites where folded units of strong brittle rocks (without associated iron rich rocks) occur in the core of an anticline and those units are sheared and infiltrated by mineralising fluids forming quartz vein stockwork systems;
- At zones of structural weakness at the intersection of major structures, or in the hinges of folds round where
  gold ((copper) rich fluids are released from small post-tectonic intrusions of (moderately alkaline syenite)
  composition. Fluids often react with haematite rich units to form magnetite-hosted lodes eg Tennant Creek
  District, mines such as Warrego, Gecko and TC8; and
- Stock-work quartz-vein hosted gold deposits associated with intense shearing of packages of carbonaceous shale, banded iron formation and other fine grained and chemically reactive fine-grained sediments such as the Mount Charles Beds at The Granites mine. These rocks are commonly the focus of active fault movement and fluid flow. Brittle and chemically reactive bands such as chert, banded iron formations and mafic volcanics within the package tend to shatter and chemically react with the fluids associated with the shearing. Examples of prospects and mines of this type include Dead Bullock Soak and The Granites. Most of the gold at The Granites is stratabound within an iron-rich amphibole schist.

Where evidence of some or all of these features can be interpreted using aeromagnetics then a target zone is defined.

Within The Granites - Tanami District a major west north west trending trans-Tanami structural corridor (Figure 2) is up to 50km wide and appears to influence many of the structural features observed in aeromagnetic images of the district. This represents a long lived structural feature which appears to have been repeatedly reactivated and may be significant in controlling the structures at The Granites and Tanami Mines.

These tenements have had no previous recorded exploration and therefore the only measure of prospectivity assigned in this report is related to the presence of some of the target features described above.

#### 1.3 OVERALL ASSESSMENT OF PROSPECTIVITY AND PROPOSED EXPLORATION PROGRAM

Interpretation of the aeromagnetic images reveals clusters of curvilinear magnetic units which act as marker horizons. These units may represent magnetite-rich sediments, such as banded iron formation, chert or possibly dolerite hosted within a metamorphosed greywacke sequence. These have been folded, metamorphosed and intruded by two sets of granites of inferred early to middle Proterozoic age and the whole rock package was subsequently deformed by numerous east-west trending, steep northerly dipping thrusts linked by cross faulting.

This sequence of rocks, part of the northern Arunta Block, bears striking resemblance to the Tanami Province rock sequences of The Granites - Tanami area, which is a major gold-producing province situated about 100km north of the project area.

Thirty-two target zones have been defined within four project areas within the tenement holding. The basis for these target zones is the presence of one or more of the following features:

- Structural dislocations and folding affecting magnetically banded units, possibly iron formations, chert and mafic volcanics;
- Magnetic anomalies in contact aureoles of granite intrusions; and
- Deflections and splays on major shear zones.

These targets areas, which have structural and geological similarities to the settings of some significant gold mines and prospects of The Granites-Tanami Gold Province, are considered to be prospective, based upon the criteria defined from known resources outside the tenement areas.

There are a number of positive features about this project which should be considered by any potential investors:

A large (5512sq km) contiguous cluster of unexplored tenements situated over a belt of rocks relatively close to
a mining centre - The Granites-Tanami Gold Province - where significant gold resources and reserves are being

added to each year, and where over 5 million ounces of cumulative gold production plus in-ground resources are recorded;

- A tenement holding considered sufficiently prospective by competing mining and exploration companies of some substance eg. Sons of Gwalia Ltd, Posgold Ltd, Aberfoyle Resources Ltd and North Flinders Mines Ltd such that surrounding ground is entirely covered with exploration licence applications or granted tenements held by these companies. There were eight competing bids for this ground when it was released from moratorium in 1994 which demonstrates some measure of the perceived potential of this ground;
- A good quality high-resolution aeromagnetic survey data-set covers the project area and extends to cover the known mining areas at The Granites-Tanami area, thereby allowing direct comparison of the structural and geological features of known mineralised situations with the unexplored tenements; and
- Planned application of innovative new geochemical methods. These include sampling media such as calcrete, laterite and particular sieved soil fractions, combined with sensitive low-level analytical techniques. These methods are proving to be effective in defining buried gold and base metal mineralisation in areas where transported sediment masks the bedrock. Examples of prospects in the Tanami Gold Province where this approach to exploration has been successful include Callie, Dead Bullock Soak (North Flinders Mines), Redback Rise, Jims Find, Crusade (Central Desert Joint Venture), Kookaburra (Tanami Gold N.L./ Glengarry Mining N.L.) and others.

Regolith mapping of the area using airborne gamma-ray spectrometer imagery and Landsat MSS data indicates there are extensive areas underlain by outcropping or sub-cropping laterite particularly in the vicinity of the target areas selected for follow-up exploration. Providing the laterite has been formed in-situ, then application of the new geochemical methods will help keep down initial exploration costs by allowing surface sampling rather than more expensive drilling at the reconnaissance phase of exploration, hopefully leading into mineralisation at an early stage of the program.

The Company has proposed a first year program of exploration over these tenements to include:

- Reconnaissance mapping of regolith and bedrock geology to assist with design of sampling and drilling programs and to understand the geological controls;
- Reconnaissance orientation drilling and sampling studies to establish appropriate geochemical sampling media
  with which to test the area, preferably with cost-effective surface sampling techniques (eg laterite, calcrete,
  soils);
- First-pass grid pattern geochemical sampling of structural/lithological target zones using appropriate material determined by orientation studies; and
- First-pass pattern drilling and geochemical sampling across areas of anomalous geochemistry.

The first year budget for this work is Aus \$ 1.1 million, which should be adequate to generate early targets for follow-up deeper RC type drilling. This drilling will be contingent upon the results of the earlier work.

We feel that the Company has a satisfactory and clearly defined exploration program and budget, and that sufficient work has been conducted to provide a sound scientifically based foundation upon which to develop a future exploration program and satisfy ASX Listing Rule 1.4.4. A technical assessment of the Company's tenements and program follows in the main body of the report.

#### 2. INTRODUCTION TO THE DETAILED TECHNICAL ASSESSMENT

#### 2.1 BACKGROUND

Etheridge Henley Williams Pty Ltd trading as Etheridge Henley Williams ("EHW") was invited by the Company to provide an independent technical assessment of the geology and mineralisation potential of six tenement areas held by the Company in the northern Arunta Inlier adjacent to the Tanami Desert region in the southwest of the Northern Territory. Situated on the Highland Rocks and Mount Theo 1:250,000 sheets, the proposed exploration area represents a 'grass-roots' project having had no previous history of exploration. The Company acquired the ground to explore it for Granites - Tanami style gold mineralisation.

This assessment provides potential investors with the technical and conceptual basis upon which the Company acquired the tenements, our view of the prospectivity of the Company's tenements and a definition of the major target zones within the tenement holdings.

#### 2.2 DATA SOURCES

The main source of information on the Company's activities since acquiring the tenements is a summary document prepared by them entitled "Highland Rocks East Project" which contains plans showing:

- the project tenement boundaries and surrounding tenements;
- various colour-enhanced images of the AGSO regional aeromagnetic survey covering the Highland Rocks and Mount Theo 1:250,000 sheet areas which includes the project area; and
- a gravity contour plan covering the project area.

Other sources of information available to EHW to assess the tenements include a Landsat MSS satellite image covering most of the tenement areas, BMR publications, recent published geological literature about the geology structure and exploration history of mines and prospects in The Granites-Tanami region (situated 100km north of the tenement area) and various prospectus, annual and quarterly reports to the Australian Stock Exchange Limited ("ASX") by companies exploring and mining in the area. These data have been used to develop and assess mineralisation models for the tenement areas. The work program was as follows:

- Examination and collection of data in Adelaide (Allender Exploration) and Darwin Mines Department and Geological Survey records for references to previous exploration and geological investigations;
- Undertake an aeromagnetic and satellite image interpretation, review of data, and develop prospectivity criteria
  for the area;
- Compile a draft report to the commissioning Company;
- Review of the proposed exploration program and budget; and
- Compile the final Independent Technical report for inclusion in the prospectus.

An inspection of the area was not possible by the EHW, because access has not yet been granted by the Central Land Council. Therefore assessment rests purely on remotely-sensed data without having had the opportunity of 'ground-checking' the interpreted geology or carrying out reconnaissance exploration.

#### 2.3 TENEMENTS

There are six granted exploration licences held by the Company which make up the project area. They are EL 8385, 8386, 8387, 8544, 8950 and 8951. However, the status of these tenements has not been examined or verified by us for the purposes of this Report. Nor have we examined the possible impact of both State and Federal legislation upon the tenements, or the possible effects of land ownership. For due diligence requirements on these and other pertinent matters, the reader is referred to the Solicitor's Report elsewhere in this Prospectus.

#### 2.4 CONSULTANTS' QUALIFICATIONS AND EXPERIENCE

Dr Peter R Williams: BSc Hons (University of Tasmania), PhD (University of Tasmania), Member AIG

Peter Williams is a regional structural geologist with 25 years experience in geological mapping, exploration consulting, project management and data analysis. He has worked in a wide range of geological environments from Quaternary to the Archaean in age. He is expert in the integration of regional geophysical survey information with geological and remotely sensed data to produce geological concepts in map format which are applicable to exploration project generation, tenement assessment, and target generation. Dr Williams' consulting activities have been directed to enhancing and generating mineral exploration projects through application of geological concepts to the localisation of mineral deposits.

Geoffrey W Hewlett: BSc Hons (University of London), MSc (Mineral Exploration), DIC, and Member AusIMM

Geoffrey Hewlett is an economic geologist with over 20 years experience in gold, nickel, base metal and uranium exploration throughout Australia, Indonesia, Europe and the Middle East, including project generation and management, country assessment and resource evaluation. His particular skills are in the area of integrating remotely sensed data such as Landsat and aeromagnetic interpretation together with exploration geochemistry and geological mapping to generate targets for follow up exploration. Mr Hewlett has generated and managed exploration programs in a wide range of geological settings which has resulted in the discovery of two new gold deposits in Western Australia.

#### 3 DETAILED ASSESSMENT OF THE AREA AND TENEMENTS

#### 3.1 MINERALISATION IN THE SURROUNDING REGIONS

The Company holds a cluster of six granted exploration licences which are situated in the northern part of the Arunta Inlier in the southwest of the Northern Territory (Figure 2 and Figure 4). This area is little understood geologically because of the masking effects of transported sediments which blankets the bedrock and because the area has been previously unavailable to exploration being situated in an area of Aboriginal Freehold land.

During the late 1980's and 1990's pioneering work in exploration and mining for gold in The Granites-Tanami regions 100km to the north of the project area revealed significant new finds shown in Figure 2 and Figure 4. These included:

- discoveries by North Flinders Mines Ltd at Dead Bullock Soak, Callie, Titania, Pirate and Oberon;
- the Kookaburra and Hutches Find discoveries by Glengarry Resources and Tanami Gold N.L.; and
- the Redback, Dogbolter, Jim's Find and Crusade discoveries by the Central Desert Joint Venture (Otter Gold Mines Ltd and Acacia Resources Ltd).

Total announced resources in the Tanami region are now nearly 4 million ounces and growing whilst cumulative gold production has reached 1.7 million ounces in ten years from a negligible starting base.

These discoveries prompted exploration companies to extend their activities outwards from The Granites and Tanami area applying their knowledge of the geology and controls on mineralisation to less well known and covered areas nearby (Figure 3 and Figure 4).

The Company through Gresco Nominees Pty Ltd, applied for exploration licences over the tenements in 1994 in vacant ground situated south of The Granites-Tanami area. They were soon followed by applications for tenements in the area such that by 1995 all available land in the area had been applied for (see Figure 3).

With the release by the AGSO in 1994 of new aeromagnetic survey data, the Company was able to compare the interpreted structure and geology of its tenements with The Granites and Tanami areas where existing aeromagnetics and geological information was available. Some striking similarities were observed in the data between these two areas and they included:

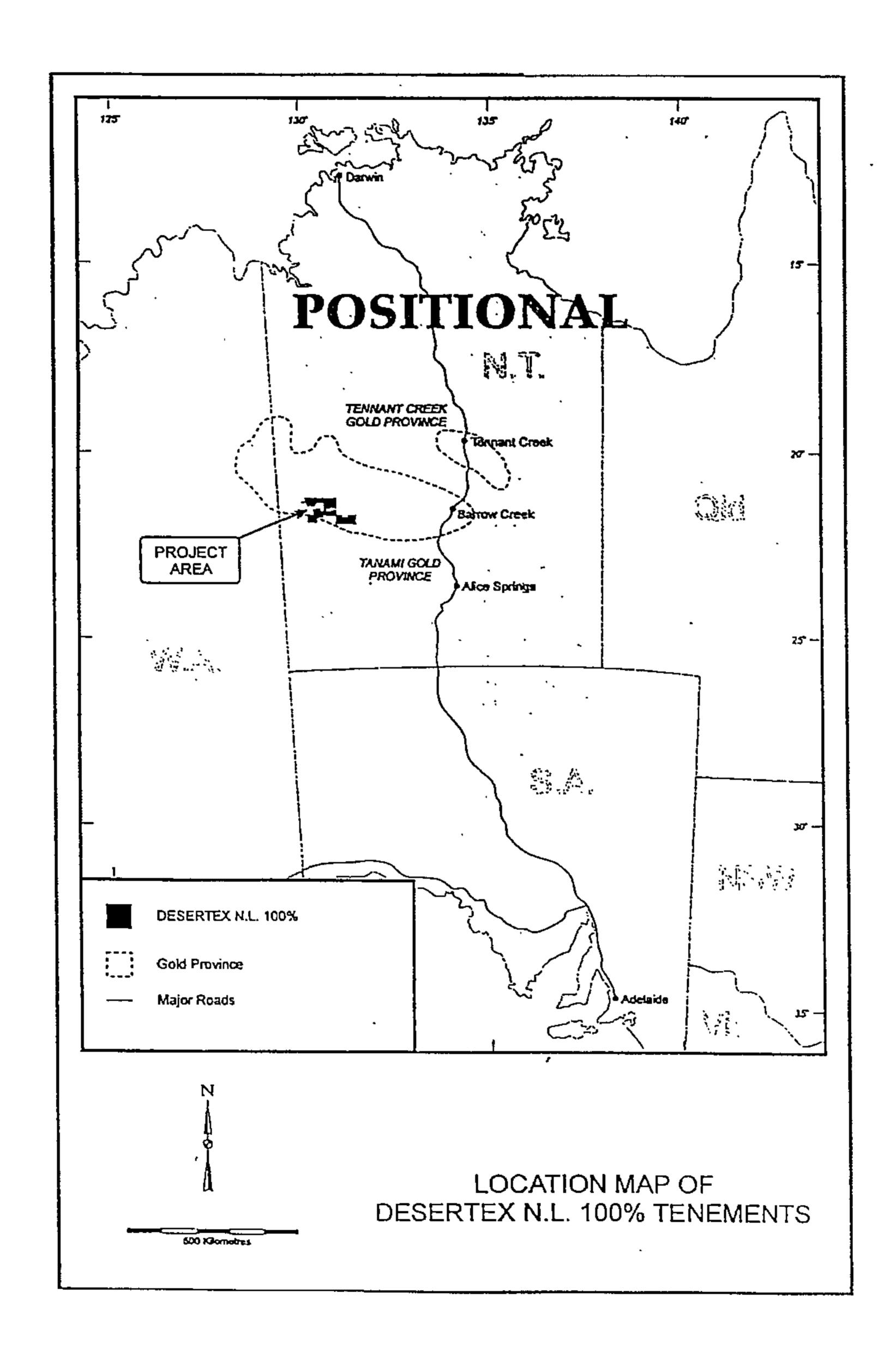
- faulted and folded features similar to Callie/Dead Bullock Soak; and
- curvilinear magnetic features analogous to the geological setting at The Granites/Quorn-Shoe-Bullakitchie-Bunkers Hill area.

The rock associations and timing of significant geological events throughout the Tanami Complex are considered to be similar across the whole province, and also to be similar in several Palaeoproterozoic provinces across Northern Australia. It is reasonable therefore to infer that the mineralising processes and geological/structural settings at the known mines and prospects can be extrapolated to other areas of similar geology.

Although the rock sequences in the Project area are assigned to the Arunta Inlier, these divisions are only arbitrary and it is recognised in the light of the mapped geology and the new aeromagnetic data that there are considerable similarities between these rocks and those of the Tanami Complex suggesting that they may be lateral equivalents possibly modified by deeper burial and higher grades of metamorphism.

Given that these rocks have similarities in their geological history with the rocks of the Tanami Complex it seems reasonable to infer that suitable parts of the Arunta Inlier may be equally prospective.

Figure 1



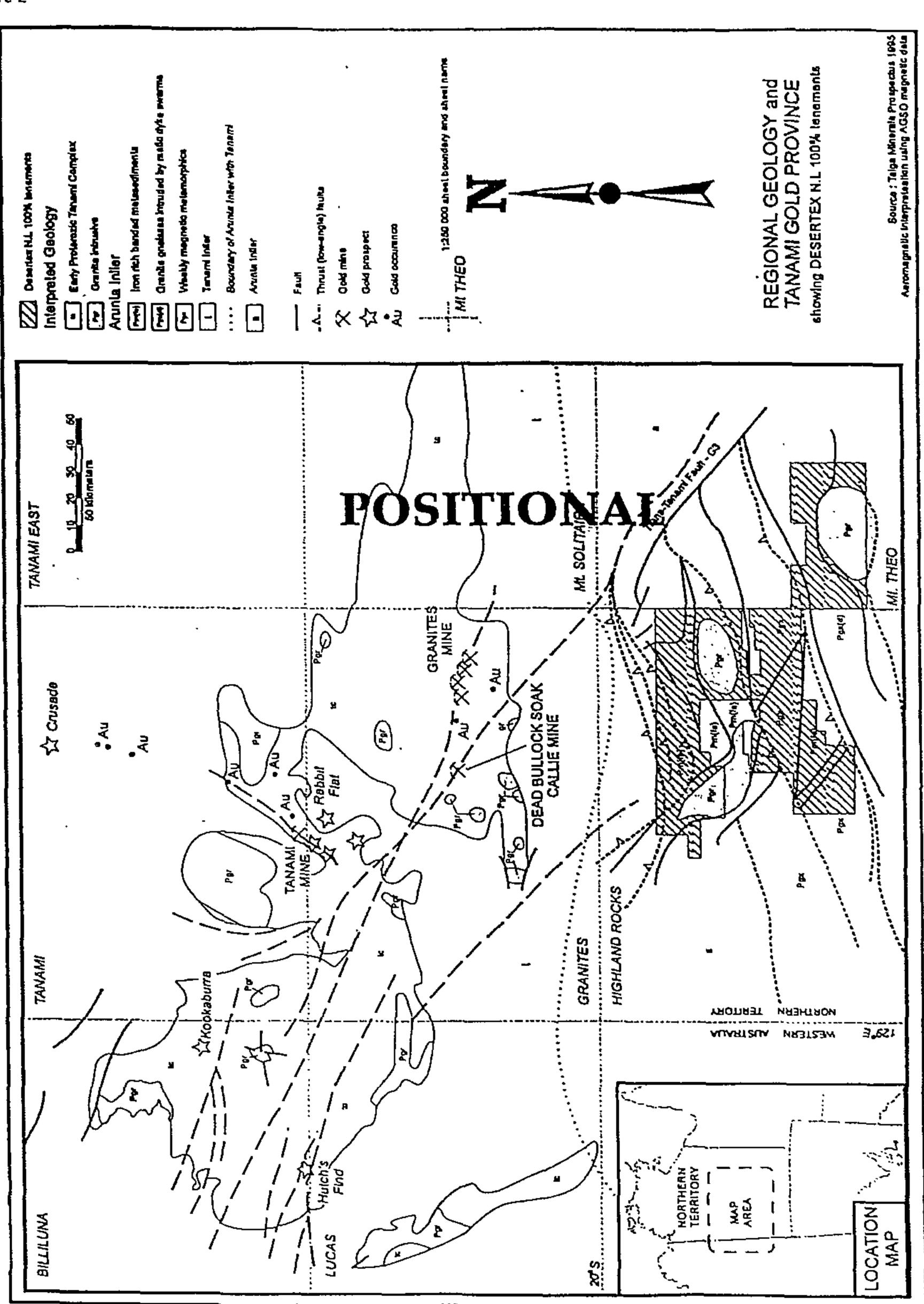


Figure 3

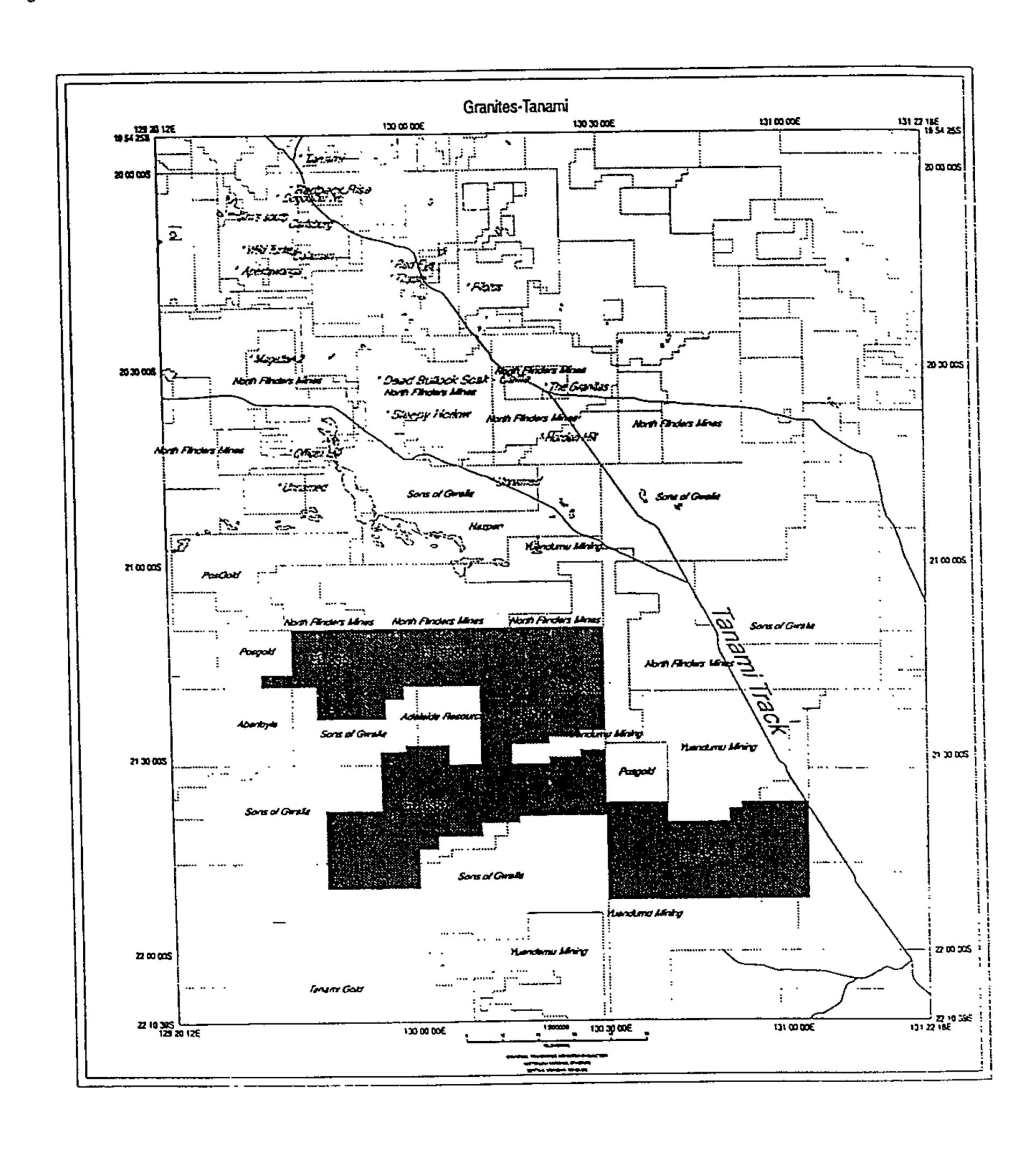
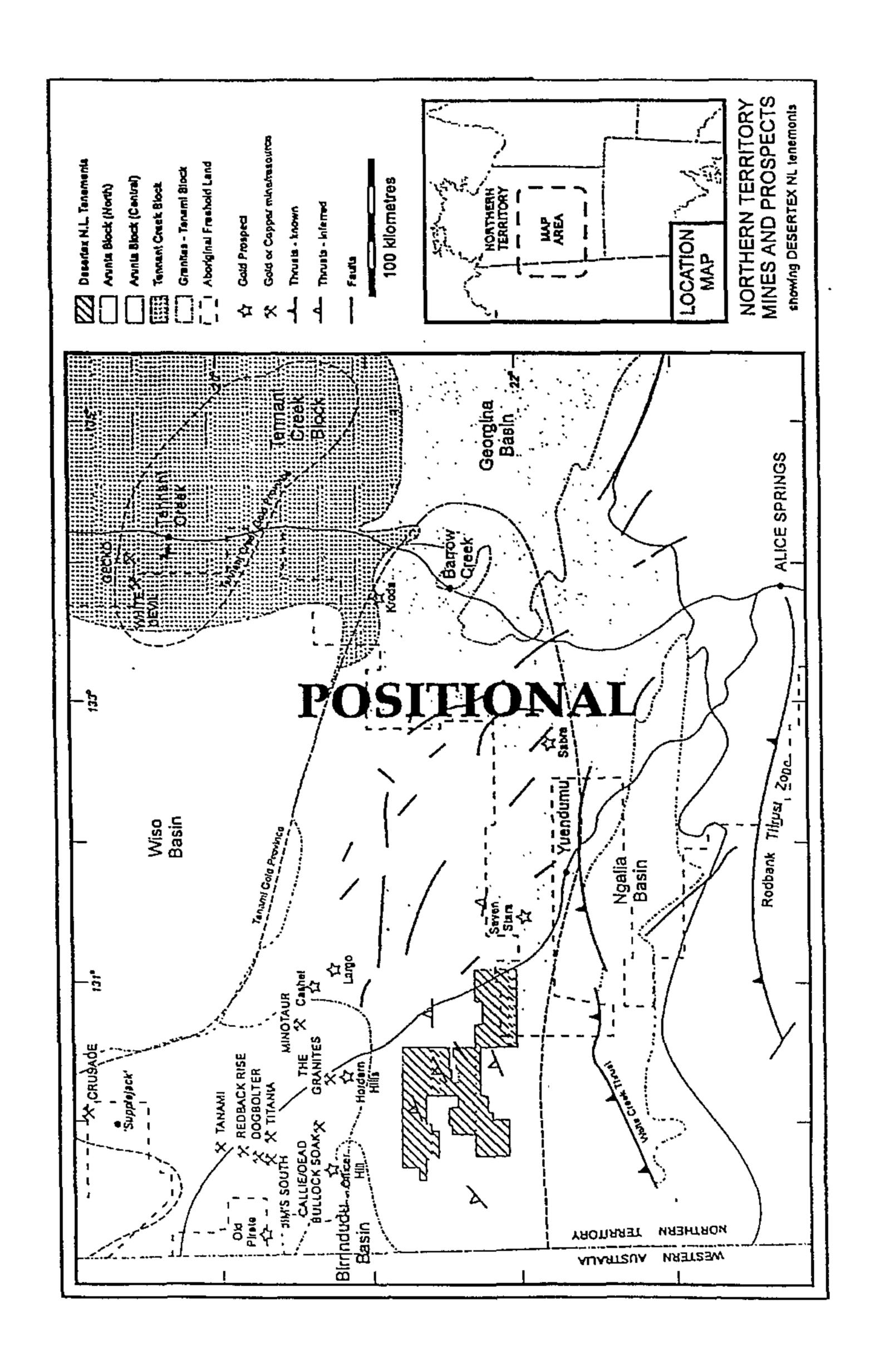


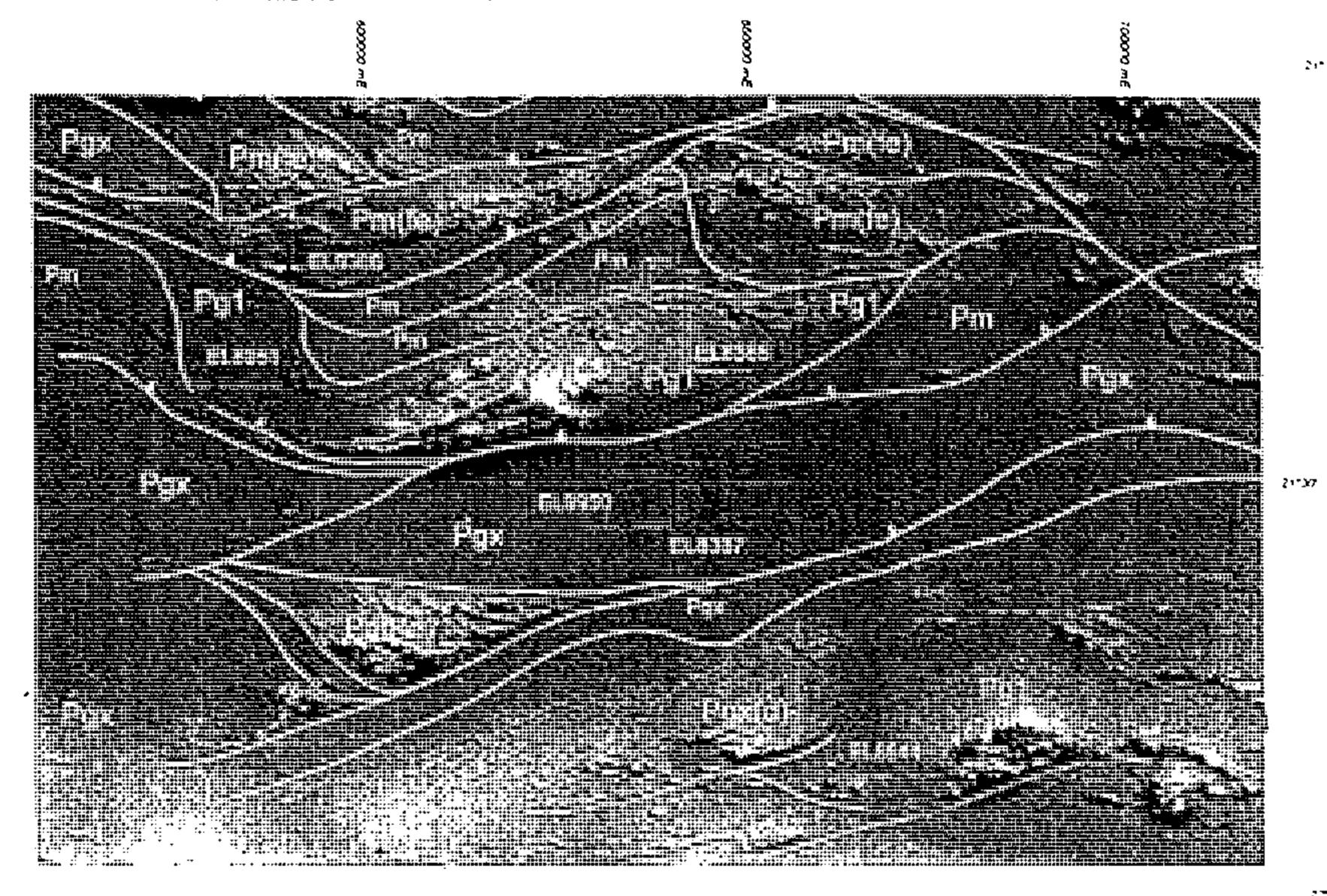
Figure 4



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#### interpreted Geology

Egg: Late-lectonic grande intrusion

Pg: Syn fectonic grande intrusion

Pm: Metasediments with it olterate to weak romition unite

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# POSITIONAL Northerly dipping thrust faults Fault lines Granda intrusive T1 - Farget zone for exporation EL3382 Tenement boundaries and Tenement numbers

Highland Rocks Projects
AEROMAGNETIC IMAGE SHOWING INTERPRETED GEOLOGY

#### 3.2 GEOLOGY OF THE HIGHLAND ROCKS AREA

For purposes of convenience and discussion the project is divided into four separate areas and is illustrated by Figure 7, Figure 8, Figure 9 and Figure 10. Figure 5 shows the entire project area.

#### 3.2.1 Highland Rocks Project - Location and Access

The tenements are situated in the southwest of the Northern Territory close to the Western Australian border. Alice Springs is 550km to the south east and Darwin is 1000km to the north. The Granites Mine is situated about 100km to the north in the Tanami Desert. The project area is centred on Longitude 130° 20' East and Latitude 21° 30' South. The majority of the tenements are situated on the Highlands Rocks 1:250,000 sheet (SF52-7) with one remaining tenement on Mount Theo 1:250,000 sheet (SF 52-8). The tenements cover an total area of 5512 square kilometres and are situated on Aboriginal Reserve No 1028 which is mostly uninhabited. The nearest communities are at Vaughan Springs homestead 160km to the east, and the Rabbit Flat store is 180km to the north east. The area is very remote and is devoid of any access roads. The terrain is extremely flat and is almost entirely blanketed by sands with many linear east-west trending parallel seif dunes between 5m and 10m in height. Apart from low lateritised rises the only hills are the narrow escarpments of eroded lateritised bedrock which form Highland Rocks in the central part of the map sheet.

#### 3.2.2 Tenements

There are six granted exploration licences held by the Company which make up the project area, details of which are listed below:

E.L. NUMBER	NUMBER OF OF SUB BLOCKS	TENEMENT AREA (KM')	DATE TENEMENT GRANTED	DATE TENEMENT EXPIRES
8385	56	180	18-10-1996	17-10-2002
8386	218	702	18-10-1996	17-10-2002
387	5 <b>0</b> 0	1610	18-10-1996	17-10-2002
8544	463	1491	18-10-1996	17-10-2002
8950	284	914	·18-10 <b>-1</b> 996	17-10-2002
8951	191	615	18-10-1996	17-10-2002
Total	1712	5512 km²		•

Table 1: List of Tenements

#### 3.2.3 Previous Exploration

Because the area is remotely located and exposures of bedrock are limited the geological understanding of the area is poor. Situated within an area of Aboriginal freehold land previous applicants for exploration tenements in the area have never been able to obtain granted titles. Therefore there is no record in the Mines Department of exploration having been conducted during the last two decades.

#### 3.2.4 Geology of the Project Area

The only previous geological mapping was carried out by the BMR during a helicopter-supported reconnaissance mapping program in 1973. Explanatory notes were published for the Highland Rocks sheet and for the Mount Theo sheet. The rocks of the area are mapped as part of the northern province of the Arunta Inlier, a complex of medium to high grade metamorphosed greywackes, amphibolites, schists, granite gneisses and granites intrusions of Palaeoproterozoic age.

The main rock types are quartzite, schist and gneiss occurring both separately and interlayered.

Quartzite and quartz schist units commonly form strike ridges up to 20m in height which strike west-northwest and west-southwest. These units are generally thinly bedded and steeply dipping and range from coarse-grained and glassy to fine-grained and cherty, the latter closely resembling the Mount Charles Beds of the Tanami Complex. The quartzite is commonly weakly micaceous with a steep cleavage sub-parallel to bedding. A strongly developed steeply dipping lineation has formed mullions in the general area of the tenements. These rocks are believed to represent regionally metamorphosed quartz arenite and siltstone.

Schist is generally poorly exposed and occurs in topographic depressions. It comprises mainly quartz and mica schist and is interpreted as metamorphosed greywacke sediments. Mafic volcanics, graphitic and ferruginous schists are recorded in various widely spread localities.

Gneiss is invariably strongly weathered and is difficult to distinguish from weathered foliated granite. It is generally more quartz-rich and lacking in feldspar compared with the granite. The regional foliation is generally better developed in the gneiss than in the granite. Unweathered gneiss at one location on the Highland Rocks Sheet in the vicinity of 21° 22′ N, 130° 12′ E forms low mounds and spheroidal boulders. It is fine-to coarse-grained and consists of quartz, muscovite, biotite, sillimanite, and garnet or cordierite or both. Similar weathered gneiss occurs to the east of Mount Farewell (west of EL8544). These minerals indicate an upper amphibolite facies, low pressure metamorphic assemblage which may be due either to the proximity of large granite intrusions or to an increase in the regional metamorphic grade in this area.

The metamorphic minerals muscovite, biotite, green homblende, chlorite, and epidote are indicative of regional greenschist grade of metamorphism. However locally epidote and tourmaline are indicators of granite intrusions. Higher temperature-low pressure metamorphic rocks are indicated with the appearance of sillimanite, cordierite, and garnet gneisses towards the south of the Highland Rocks sheet and into the Lake Mackay sheet south of the project area.

Granite forms scattered low rises less than 6m high in the Highlands Rocks sheet area. Most outcrops are lateritised and silicified and form breakaways. Lithologies include biotite granite, muscovite-biotite granite and muscovite biotite monzogranite.

#### 3.2.5 Stratigraphic relations and ages of intrusives

The metamorphic rocks of the Arunta Inlier are correlated with the rocks of the Tanami Complex based on similarities of structural events, metamorphism and age data. Both provinces are believed to be Palaeoproterozoic in age with two regional metamorphic events dated at 1719 (24 Ma (million years before present), and about 1800 Ma, and both have been intruded and thermally metamorphosed by granitic rocks of the complex (1840-1800 Ma) and by a younger granites such as the Mount Webb Granite (1526 (25 Ma).

There are two main ages for the granites of the Arunta Inlier, late Palaeoproterozoic (ca 1800 Ma) and Mesoproterozoic (ca 1520 Ma).

#### 3.2.6 Landsat TM and Airborne Radionietric Imagery Assessment

Digital Landsat multi spectral scanner data was made available for a scene covering the project area. The image was computer processed using ERMapper computer software but its value was restricted in differentiating between regolith types based on their spectral signatures. The value of the images for extracting structural data was limited, because of the effects of fire burns and the lack of significant topographic variation. This confirms previous findings that high resolution gamma-ray data (collected concurrently with the magnetic data and described below) was of most assistance in mapping regolith units based on their differing spectrometer signatures. The three bands of gamma-ray data was image processed and colour enhanced and this was found to effectively distinguish between laterite, calcrete, bedrock and transported sediment. The gamma-ray signal has the ability to detect information from 30-40cm below the surface thereby identifying areas previously mapped as alluvial sand. These previous findings also showed that palaeo-drainage channels were marked by lines of calcrete outcrop. Potassium channel data indicated large areas of granite-derived sediment probably due to potassic feldspar in the eastern third of the scene indicative of the dominant bedrock type. Those findings also produced a useful preliminary regolith map of the Highland Rocks area covering the project tenements.

Maps of the areas indicate that there are strongly banded magnetic rocks (see below) - referred to as unit Pm (fe) in the reference which are expressed either as:

- exposures of residual laterite; or
- laterite thinly covered by sand.

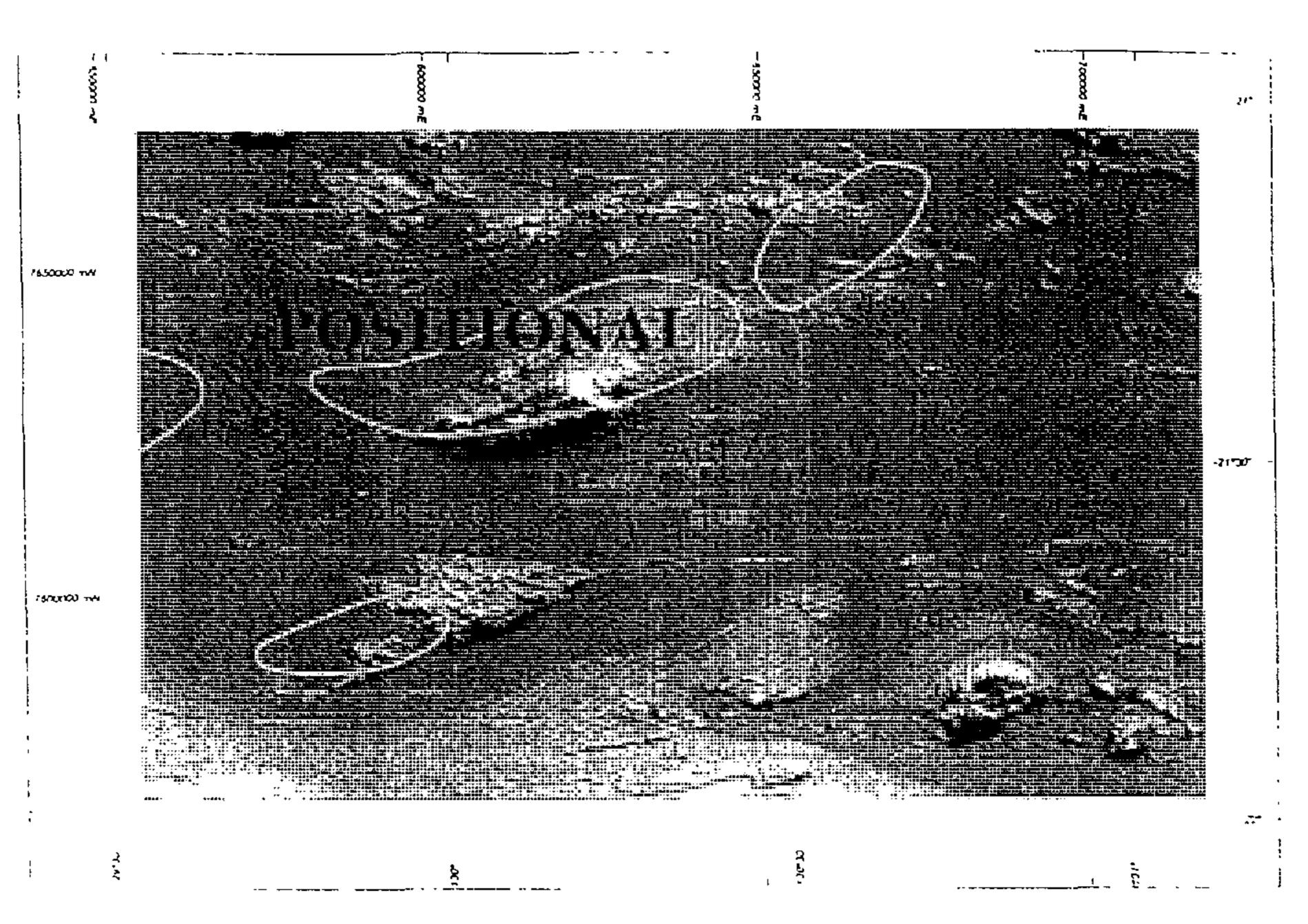
This lateritised material shows up as green-blue hues in the false colour image. These substantial areas of lateritised material should provide a valuable sampling medium whereby surficial laterite can be sampled for gold and pathfinder element geochemistry.

#### 3.2.7 Aeromagnetics Interpretation

The geology and structural features of the basement rocks of the project area are best mapped using aeromagnetic data because of the lack of bedrock exposures. Recently flown AGSO aeromagnetics provide a particularly valuable data set to assist with the understanding of the structure and geology of the area. The survey was flown on 500m spaced flight lines and a ground clearance of 90m. Magnetic data was recorded at 7m intervals along the lines. The data was made available to EHW in digital form and were image processed on an ERMapper imaging computer system. Various imaging algorithms were applied to the data set in order to enhance the structural features of the area.

Gravity contours were available to EHW, based upon a regional survey carried out in 1967 as part of a larger program. Readings were taken at 11km centres by AGSO and are available from AGSO. A regional gravity feature known as the Willowra Gravity Ridge passes beneath the Highland Rocks area. Figure 5 shows the interpreted geology and structural framework mapped onto an aeromagnetic image covering the tenement area. It displays the interpreted location of the principal faults and shear zones which dissect the bedrock along with the main lithologies. Figure 6 depicts the gravity ridge contoured at the -100 GU (Gravity Units) level.

Eight &



Gravity Highs

Project Areas

Lenement Boundaries

Highland Rocks Project AEROMAGNETIC IMAGE SHOWING PROJECT AREAS and GRAVITY HIGHS

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### 3 2.7.1 The main rock types

There are six main units inferred within the area based on the magnetic textures demonstrated in the data and by reference to the descriptions of the rocks of the Highland Rocks sheet and to rocks of the Arunta Inlier. The main lithologies (inferred to be of Palaeoproterozoic age) are described below:

- Weakly magnetic units with only very minor bands of more magnetic rock-probably representative of a monotonous sequence of siliceous metasediments such as greywackes with minor bands of metamorphosed pelites, chemical sediments or banded iron formation, they are shown as unit Pgx on Figure 5. Their distribution is as east-west trending lozenge-shaped belts truncated by a complex set of east-west thrusts and linking north west trending faults. These are a dominant rock unit in the area and are probably analogous to the Killi Killi Beds of The Granites-Tanami Complex. These rocks may be metamorphosed to amphibolite or even granulite facies in line with other parts of the Arunta Inlier, the intensity of metamorphism partly dependant upon the proximity to granite intrusions;
- A weakly magnetic unit cut by a swarm of northeast trending linear magnetic bands these are interpreted to
  represent a rigid lozenge of siliceous high grade gneisses cut by a swarm of mafic dykes. These rocks only occur
  in the south of the area. They are referred to as unit Pgx(d) in Figure 5;
- Units with abundant narrow hands of strongly magnetic rocks within a less magnetic host these lozenge-shaped belts strike east-west and are truncated by numerous thrusts and associated link faults. These are taken to represent an iron-rich metasedimentary sequence of interbedded greywackes, pelites, banded iron formations and mafic schists which have been complexly folded and faulted. They are referred to as unit Pm (fe) in Figure 5 and are considered to be equivalent to Palaeoproterozoic Mount Charles beds of The Granites-Tanami Complex having a similar magnetic signature to rocks of that area. They occur in three main belts, in the northern tenements EL's 8386 and 8951, in the central part of EL 8387 and in the south of EL 8544;
- Units with occasional to moderate amounts of magnetically banded rocks- these are inferred to represent
  metamorphosed greywackes with occasional to moderate amounts of disrupted bands of iron rich sediments.
  They mostly occur out of the tenements to the east of EL8385. They are referred to as unit Pm in Figure 5;
- Broad zones of moderately magnetic sub-circular features these are inferred to represent granite intrusives
  emplaced early in the tectonic history, probably of Barramundi age (1880-1850 Ma) they are indicated on Figure
  5 as unit Pg1; and

Strongly magnetic tightly confined circular features - these are inferred to represent post-tectonic intrusions, possibly including rafts or roof pendants of magnetised country rocks and are indicated on Figure 7 as unit Pg2.

### 3 2.8 Structural Geology

A ramifying network of curvilinear east northeast striking thrust faults (see Figure 5) are interpreted to divide the area into parallel-striking discrete structural domains containing rocks of distinct magnetic textures. These magnetic domains vary in strike length between 40km and 120 km and are 5km to 20 km in width. Intensely banded, strongly magnetic, metamorphic rocks of higher density than the surrounding rocks (there is an associated gravity ridge - see Figure 6) are brought into sharp contact with rocks of low magnetic intensity for example at 620000mE, 7625000 mN.

### 3.2 8 1 geological and structural evolution

The beological evolution of the area, part of the Northern Arunta Province which is considered to be similar to that in The Granites-Tanami Complex is envisaged as follows:

- deposition of Palaeoproterozoic (Barramundi age 2000 to 1900 Ma) sediments greywackes, iron formations and mafic volcanics, with intrusion of dolerite dykes (unit Pm(fe)) and sills;
- hrust stacking during the Palaeoproterozoic with coincident regional metamorphism, crustal shortening, tight
  folding and thrusting of denser more iron-rich and mafic banded rocks (unit Pm(fe)) on top of less dense more
  siliceous metamorphic rocks (unit Pgx);
- During thrusting deep burial of some thrust slices caused melting and generation of granites (unit Pg1) which
  intruded into the metamorphic pile. Contact metamorphism around the granites and dehydration of the
  metamorphic pile created coarser rocks around the granites which continued to shatter as thrusting continued
  Mineralising metamorphic fluids moved along the shears and into the breccia zones precipitating gold
  particularly in chemically reactive rocks such as iron-rich and carbonaceous units;

- Episodic thrusting occurred over at least 500 Ma from about 1900 Ma down to 1400 Ma. Granite emplacement
  occurred at 1780 Ma (±1-24 Ma) at The Granites and other intrusions in the Arunta complex are dated at 1686
  (± 21 Ma), and 1650-1500 Ma;
- The age of dyking in the Pgx(d) unit is not known but may have occurred during thrusting; and
- Younger intrusions (unit Pg2) were emplaced possibly during the late Proterozoic or Palaeozoic along zones of structural weakness - possibly of similar age to mafic intrusives of the Mordor complex of the southern Arunta Inlier.

Reactivation of previous Proterozoic thrusts occurred during the Carboniferous Age Alice Sprigs Orogeny. Evidence for thrusting is provided from mapping and seismic profiling studies and demonstrate a consistent set of northward dipping east-west striking stacks of thrusts across the central and northern Arunta Province which parallel the major Redbank Thrust Zone (RBT) a mylonite zone up to 300m wide dipping about 40 degrees to the north which penetrates down to and displaces the Moho at between 30km and 40km depth in the earth's crust. The east-west trending faults seen in the project area appear to conform in style and orientation with the Redbank Thrust and the Waite Creek Thrust (Figure 4) which defines the northern boundary of the Ngalia Basin about 100km southeast of the project area.

### 3.3 DESCRIPTIONS OF TARGETS

For convenience of reference the project area has been divided into four areas with clusters of targets described for each of these areas as Figures 7 to 10.

The targets are described on an area by area basis. The aeromagnetic total magnetic intensity (TMI) data has been imaged using ERMapper computer software, the particular image representing a northern sun angle and a colour drape representing magnetic intensity. Figures 5 to 10 have this image as a base upon which targets are indicated.

These targets selected by Mr Jim Allender of the Company and verified by EHW to represent valid exploration targets.

### 3.3.1 Area 1 (Figure 7)

This area encompasses EL8385, EL8950 and the eastern third of EL8386. The geology is dominated by an ovoid-shaped granite intrusive Pg1 elongated east-west which truncates a unit of strongly magnetic banded rocks Pm (fe) in the west of EL8950 at 620000mE 7630000mN. It is overthrust on to weakly magnetised metamorphic rocks possibly granite gneiss Pgx to the south. In the north of the area folded and faulted magnetically banded rocks Pm(fe) are inferred. There are nine targets defined in Area 1 (T1 to T9).

Targets T1, T2 and T3 lie along a magnetic band which marks the margin of granite, and are selected over zones of disruption effecting this band. The magnetic margin may represent either an iron-rich skarn or a magnetised shear zone. The latter setting is similar to that at The Granites-Bullakitchie-Quom gold deposits in The Granites - Tanami region. These are valid targets for gold exploration.

Target T4 sits on the western margin of the Pg1 granite where the banded metamorphic rocks Pm(fe) are truncated by the granite. This is a pressure shadow which conceptually is a favourable setting for gold mineralisation. The magnetic response is enhanced at this location indicating magnetite enrichment. Potential may also exist for a gold-copper skam setting.

Targets T5 and T6 represents either post-tectonic magnetic intrusions or roof pendants of iron rich metamorphic rocks caught up on the cusp of the granite Pg1. Target T5 is thought to represent the latter, whereas T6 has a distinct ovoid outline indicative of an intrusion plug. The geology nearby is mapped as Arunta Inlier gneiss, schist or quartzite which sits over a gravity ridge (Figure 6) indicating either an upthrust block or dense intrusions at depth. Late plugs of this type often tap magma from deep in the crust up zones of structural : eakness. Potential exists for copper-gold, copper or even nickel mineralisation where deep-tapping magma of this type has occurred (eg. Phalaborwa, South Africa; Voisey Bay, Canada).

Targets T7 and T8 represent zones where folded and disrupted magnetically banded units occur. These cones are analogous to Dead Bullock Soak and Callie gold deposit settings in the Granite - Tanami Province.

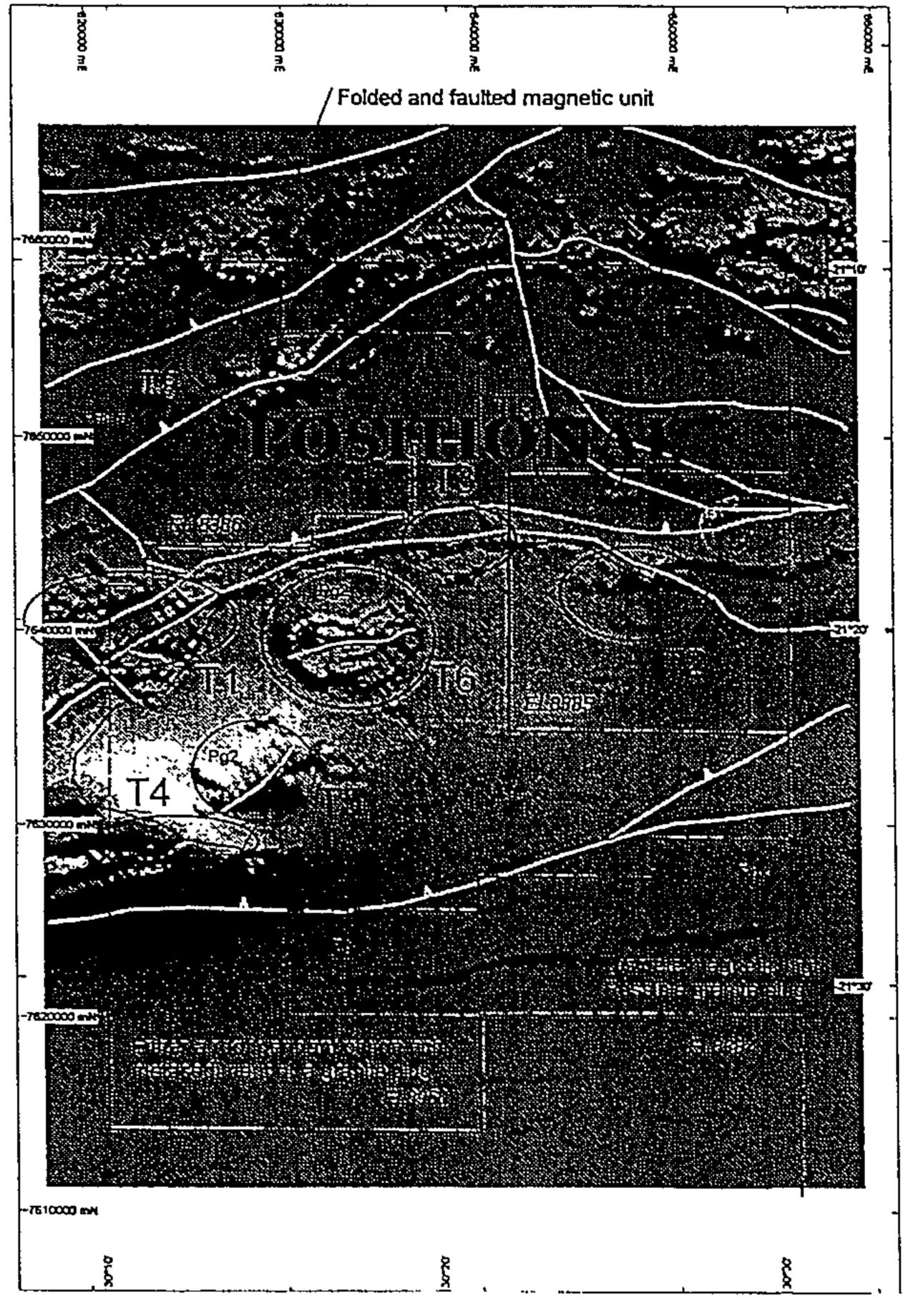
Target T9 represents a disrupted iron-rich banded unit cut by arcuate shears, a Tanami gold mine style target. These all represent valid exploration targets.

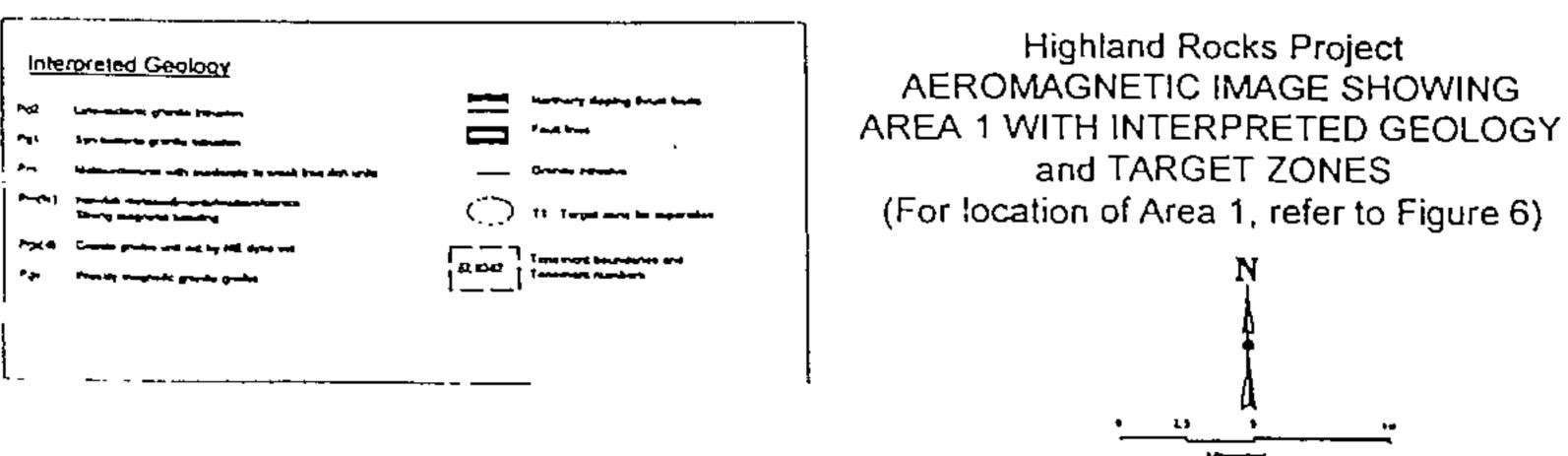
### 3.3.2 Area 2 Targets (Figure 8)

This area encompasses EL8544. The geology of this area is dominated by a flattened ovoid granite intrusive Pg1 which is sub-circular on its northern margin but flattened along its southern contact. It is up to 40km long, elongated east-west and 10km wide. The granite intrudes iron-rich banded metamorphic rocks on its northern and southern margins whilst weakly magnetised metamorphic rocks cut by a north-east trending mafic dyke swarm lies on the western contact of the granite. Gravity values are relatively low in this area.

There are ten targets defined in Area 2 and they are referred to as TB1 to TB10 and are all considered to represent valid exploration targets.

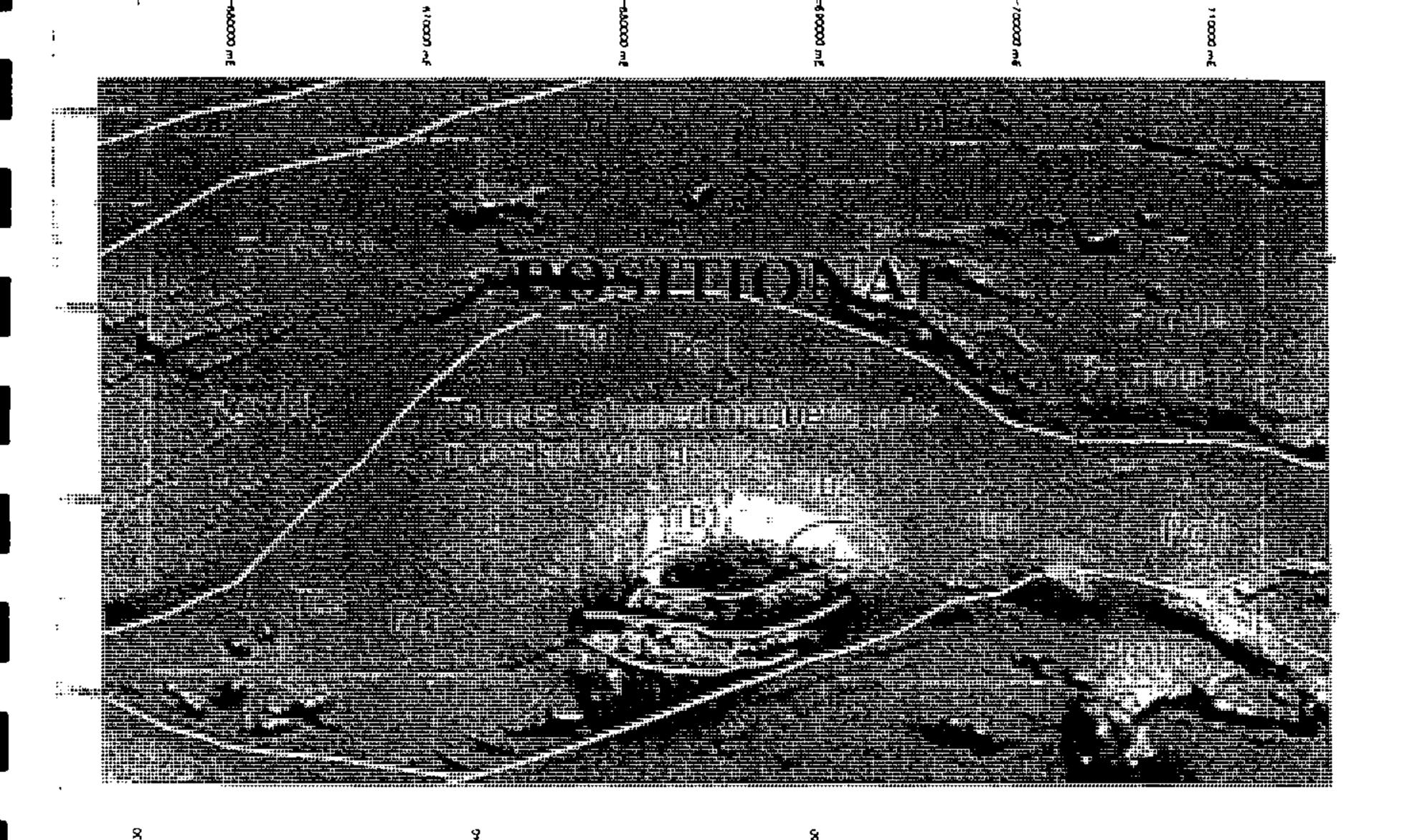
Figure 7



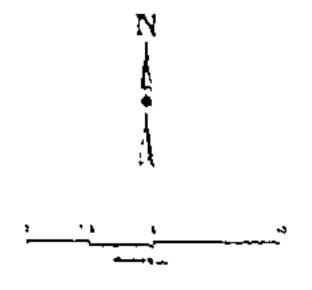


Ethendge Hentey Williams would like to acknowledge AGSO for the use of their data in this report

Figure 8



Highland Rocks Project
AEROMAGNETIC IMAGE SHOWING
AREA 2 WITH INTERPRETED GEOLOGY
and TARGET ZONES
(For location of Area 2, refer to Figure 6)



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A sigmoidal granite intrusive Pg1 occurs in the south of E8951 with a curvilinear contact and a demagnetised or weakly magnetised internal signature. Its margin is defined by deflected banded iron-rich country rocks.

- Strongly magnetised, banded metamorphic rocks Pm(fe) lie to the north of and are deformed around the granite Pg1 in the north of EL8951. They are enclosed within bounding thrust faults to the north and south. Geological mapping by the BMR indicates minor outcrop of Arunta Complex schist, gneisses and quartzites with easterly striking cleavage;
- Weakly magnetised metamorphic rocks Pm are in faulted contact with the granite on its eastern side; and
- Iron rich banded units Pm(fe) are deformed around the western side of the granite.

There are at least eight target zones of significance for exploration follow-up, designated TC1 to TC8 on Figure 10. Targets TC1 to TC7 are situated within the banded iron-rich metamorphic unit which sits within a domain confined to the north western half of EL8386 and the north eastern corner of EL 8951. There is considerable internal structure affecting this unit and the east-west trending magnetic bands shows evidence of folding along east-west trending axes (eg TC4 and possibly TC5) as well as truncation by cross faulting (eg TC1).

Target TC8 sits in the southeast corner of EL 8386 where crumpled iron-rich banded units appear to be buckled and sheared.

These targets have similarities with the settings at Callie and Dead Bullock Soak mineral deposits and are considered to be valid exploration targets for gold mineralisation.

## 4. EXPLORATION PROGRAMS AND BUDGET

The Company has proposed a first year program of exploration over these tenements to include:

- Reconnaissance mapping of regolith and bedrock geology to assist with design of sampling and drilling programs and to understand the geological controls;
- High resolution aeromagnetic surveys are proposed for the most prospective parts of Areas 1 and 4 during the first and second years of the program to assist mapping and to better define targets;
- Reconnaissance orientation drilling and sampling studies to establish appropriate geochemical sampling methods to test the area, preferably with cost-effective surface sampling techniques (eg laterite, calcrete, soils );
- First-pass grid pattern geochemical sampling of structural/lithological target zones using appropriate material
  determined by orientation studies; and
- Follow-up pattern drilling and geochemical sampling across areas of anomalous geochemistry.

Where surface sampling is deemed to be effective then this is the Company's preferred method to assess the targets outlined above. However in areas of deeper cover, bedrock geochemical drilling will be carried out using vacuum or RAB (rotary air blast) drilling methods. The magnetic and/or geochemical anomalies so generated by the magnetics and geochemical programs will be followed up in the second year with infill RAB drilling and by deeper testing using RC (reverse circulation) drilling techniques.

The first year budget proposed for this work (Table 2) is Aus \$ 1.32 million, which will be adequate to generate targets for follow-up drilling in year two, for which a preliminary budget of Aus \$1.77 million is indicated. Year one work will mainly focus upon ground checking and sampling of the 17 target zones described in Areas 1 and 4 (Figure 6) which are considered to be of highest priority. Seventy five percent (75%) of the budget in years one and two will be spent exploring these targets with the remainder used to explore the 15 target zones in Areas 2 and 3 in the south of the project.

During year two, drilling will be a major part of the program and consequently the budgeted component for this activity is boosted accordingly. Drilling will be contingent upon results of the earlier work. The statutory requirement for rents and annual expenditure on these tenements is indicated in Table 3 with a total sum of Aus \$ 253,000 estimated as being required to meet the expenditure commitments for all these tenements. This is more than adequately met by the Company's proposed exploration budget.

We feel that the Company has a satisfactory and clearly defined exploration program and budget, and through its work to date has a firm scientific basis on which to build its proposed exploration program.

### 5. CONCLUSIONS

The Company holds a large (5512 km2) contiguous cluster of unexplored tenements situated over a belt of rocks relatively close to a mining centre (The Granites-Tanami Gold Province) where 1.7 million ounces of gold production plus 4 million ounces of in-ground resources are recorded and where significant gold resources are being discovered each year. The Company anticipated the demand for prospective ground around the Granites - Tanami Province and applied for its current tenements ahead of competitor companies and prior to the release of a large aeromagnetic survey dataset in 1994.

Upon acquiring the aeromagnetic data over the project area the Company computer-processed the digital data to produce colour-enhanced images which were interpreted to map out geology and structures. Favourable features seen in the aeromagnetic data over the Project area which bear close comparison with geology of some of the gold prospects and mines of The Granites - Tanami region include:

- similar magnetic signatures to the Mount Charles Beds, which are the hosts to mineralisation at The Granites, including strongly contorted folded and faulted magnetically-banded packages of inferred iron-rich metasediments, mafic volcanics and carbonaceous schists intruded by granite intrusions;
- iron-rich banded rocks situated within the metamorphic aureole of granite intrusions;
- major shear and thrust corridors with associated splays, link faults and ëjogs', some possibly synchronous with granite emplacement;
- numerous situations where iron-rich units are tightly folded and sheared; and
- discrete sub-circular iron-rich, late-tectonic intrusions are possible sources for gold or gold-copper mineralising fluids, some also demonstrating apparent rafts of magnetic country rocks in the apices of the intrusive.

These criteria are drawn from the literature and aeromagnetic imagery available for The Granites - Tanami and Tennant Creek districts where structural control is of primary importance.

- The aeromagnetic interpretation by Desertex N.L. was confirmed by EHW and provides thirty two target zones
  which by analogy to areas in The Granites-Tanami region are considered to be valid exploration targets and
  prospective for gold mineralisation;
- Access to the area was not available and prevented verification of the aeromagnetic interpreted geology, structure or target zones on the ground. This is required as a next step along with landform and regolith mapping; and
- We feel that the Company has a satisfactory and clearly defined exploration program and budget and through
  its work to date has a firm scientific basis on which to build its proposed exploration program.

Signed

Dr P.R. Williams

Mr G.W. Hewlett

Table 2: Proposed Exploration Budget 1997 - 1998

EXPENSE ACTIVITY	YEAR 1 1997	YEAR 2 1998	TOTAL	%
Technical and Support Staff	200,000	250,000	450,000	14
Geochemistry	150,000	250,000	400,000	13
Geophysics	150,000	100,000	250,000	8
Drilling	150,000	400,000	550,000	18
Database and Regional	100,000	150,000	250,000	8
Field Costs and Other Expenses	200,000	250,000	450,000	15
Negotiations and Compensation	50,000	50,000	100,000	3
Sub Total	1,000,000	1,450,000	2,450,000	<b>7</b> 9
Management and Regional Field Camp	70,000	70,000	140,000	5
Alice Springs Office	70,000	70,000	140,000	5
Head Office Corporate and Administration	200,000	200,000	400,000	8
Capital Expenditure	50,000	50,000	100,000	3
Sub Total	325,000	325,000	50,000	21
Total	1,325,000	1,775,000	3,100,000	100

Table 3: Annual Expenditure Requirements for Tenements

TENEMENT No.	EL 8385	EL8386	EL8387	EL8544	EL8950	EL8951	TOTAL
Expenditure Requirement	18,000	25,000	35,000	30,000	85,000	60,000	253,000
Annual Rents	560	2180	5000	4630	4850	4970	22190

APPENDIX GLOSSARY OF TECHNICAL TERMS

Aeromagnetic Survey Measurement of the Earth's magnetic field from airborne survey instruments

Amphibólite A metamorphic rock consisting mainly of amphibole and plagioclase with little or no

quartz

Anticline A fold or fold system in the form of an arch

Archaean The age of the oldest rocks of the earth (approximately from 4500 to 2400 million years ago)

Arenite A group of detrital sedimentary rocks typically formed of sand sized particles (0.06 to 2mm

in size)

Aureoles Zones surrounding igneous intrusions in which the country rocks show the effects of

thermal contact metamorphism

Basin A low area in the Earth's crust of tectonic origin, in which sediments have accumulated

Biotite A platy micaceous mineral usually black to brown in colour which is common in igneous

rocks of all kinds, and many metamorphic rocks

Biotite monzogranite A plutonic rock containing approximately equal amounts of alkali feldspar and plagioclase,

with biotite as the dominant mafic component

Breccia Rocks consisting of angular rock fragments

Carbonaceous Rocks rich in carbonate

Calcrete Superficial gravels cemented by calcium carbonate

Chert Cryptocrystalline (extremely fine grained) silica

Cordierite A metamorphic mineral formed where fine grained sediments are heated in the thermal

aureole around an intrusive rock mass such as a granite or gabbro

Dolerite A fine-grained rock composed principally of pyroxene and plagicclase (chemically and

modally the same as a basalt)

Dyke A sheet-like body of igneous rock which cuts across the bedding of the host rock

EM Electromagnetic survey

Extensional jog Bend in an extensional fault

Facies The aspect, appearance and characteristics of a rock unit, usually reflecting the conditions

of its origin; especially as differentiating the unit from adjacent or associated units

Fault A fracture or a zone of fractures along which there has been displacement of the sides

relative to one another parallel to the fracture.

Feldspar Rock forming silicate

Ferruginous Refers to iron-rich rock body

Fold A flexure in rocks

Foliated Parallel orientation of mineral banding in rocks

Gneiss A foliated rock formed by regional metamorphism, in which bands or lenticels of granular

minerals alternate with bands in which minerals having flaky or elongate prismatic habits

predominate

Granite A coarse grained igneous intrusive rock

Greywacke Variously defined but generally applied to a dark grey firmly indurated coarse-grained

sandstone that consists of poorly sorted angular to subangular fragments of quartz and

feldspar

Laterite A residual deposit consisting of mainly hydrated iron oxides, bauxite and silica impurities

Lithology Description of rocks on basis of such characteristics as colour structures, mineralogic

composition and grain size.

Ma Millions of years ago

Mafic Applied to an igneous rock composed chiefly of one or more ferromagnesian minerals

Magnetite An iron ore mineral which is strongly magnetic

Metallogenesis The genesis of mineral deposits.

Meta- Denotes changes in the structure it is prefixing

Metamorphism The mineralogical, chemical, and structural adjustment of rocks, essentially in the solid

state, in response to marked changes in the physical environment

Metamorphosed A rock which has been subjected to metamorphic processes

Mullions Linear structures developed by the compression of mechanically strong beds

Muscovite A mineral of the mica group. Is a common mineral in gneisses and schists, in most acid

igneous rocks (such as granites and pegmatites), and in many sedimentary rocks

Mylonite A chertlike rock without cleavage, but with a streaky or banded appearance produced by

extreme granulation and shearing of the rock

Orogeny The process of mountain formation

Palaeoproterozoic A tectonic division of the Proterozoic

Pelites A detrital sedimentary rock

Precambrian All geologic time, and its corresponding rocks, before the beginning of the Paleozoic; it is

equivalent to about 90% of geologic time

Proterozoic The more recent of two great divisions of the Precambrian

Quaternary The latest period of time 0-2 million years

Quartzite Thermally metamorphosed silica rich sedimentary rock

Regolith A general term for the layer of younger fragmental and unconsolidated rock material which

covers the older bedrock

Skarn Thermally metamorphosed impure limestone or dolomite in which material from an

external source has been introduced

Schist A strongly foliated rock, formed by metamorphic processes, that can be readily split into

thin flakes or slabs

Seif Longitudinal sand dune formed by wind action

Shear A zone of deformation formed by the translation of one part of a body relative to another

Sillimanite Aluminium silicate mineral typically formed by high temperature metamorphism of

aluminium rich sediments

Surficial cover Unconsolidated and residual or alluvial deposits lying on bedrock.

Syenite Coarse grained igneous rocks similar to granites characterised by the presence of alkali

feldspars

Syntectonic Occurred during the main phase of tectonism

Tectonic An adjective used to relate a particular phenomenon to a structural or earth building

concept for example a 'tectonic' map is designed to show features of a structural nature

formed by movement in the earths crust

### 7. INDEPENDENT VALUATION REPORT



7 April 1997

The Directors
Desertex NL
M Level, Lippo House
210 George Street
SYDNEY NSW 2000

Dear Sirs

### Re: Independent Valuation of Mineral Tenements

This Valuation has been prepared in response to your instructions in a letter dated 24 January 1997 for Mackay & Schnellmann Pty Limited to provide an independent opinion as to the value of the mineral properties of Desertex NL ("Desertex") in relation to the proposed issue pursuant to this Prospectus of 20 000 000 fully paid ordinary shares of \$0.20 par value, together with free attaching options on a one for two basis, in the capital of Desertex.

In preparing this Valuation, an independent assessment of material exploration information relating to the mineral properties and an assessment of their prospectivity has been carried out. Such information as is available has been provided by Desertex and is summarised and assessed in the Independent Geologists' Report prepared by Etheridge Henley Williams included elsewhere in this Prospectus.

Mackay & Schnellmann Pty Limited and H. J. Garlick were involved in the preparation of this Valuation and have authorised or caused the issue only of this letter and have not been involved in the preparation, authorisation, or issuance of any other part of the Prospectus.

Henry John Garlick, who has overall responsibility for the preparation of this report, holds an MSc degree in Mineral Exploration, a Diploma of Imperial College and is a Fellow of the Australasian Institute of Mining and Metallurgy, the Institution of Mining and Metallurgy and a Chartered Engineer and is a Member of the Minerals Industry Consultants Association of Australia, the Canadian Institute of Mining and Metallurgy and the American Institute of Mining Engineers. He has 25 years of relevant mineral industry experience of which more than ten years has been on gold deposits and their valuation.

This Independent Valuation has been prepared in accordance with the Code and Guidelines for Assessment and Valuation of Mineral Assets and Mineral Securities for Independent Expert Reports (the Valmin Code) which is binding upon members of the Australasian Institute of Mining and Metallurgy and which covers reports prepared after 1 July 1995 and the rules and guidelines issued by such bodies as the Australian Securities Commission and the Australian Stock Exchange which pertain to independent expert's reports.

Neither the author nor Mackay & Schnellmann Pty Limited have or have had any material interest in any of the mineral assets under review nor has there been any previous association between ourselves and Desertex.

DIRECTORS

PERTH OFFICE

HJ. Garkek

MSc DIC FIMM CEng MCIMM MAIME FAUSIMM MMICA

M. Reynolds BSc FIMM CEng

JA Wolts

BSc FIMM CEng

FAUSIMM MMICA

FAusIMM FSEG

P.M. O'Brien BSc MAusiMM

LONDON OFFICE

G.J. Bowyer

BSc FiMM CEng

FAusiMM

J.B. Lott

MA(Canub) CEng MIMechE MBIM

REGISTEREO
OFFICE
M.W. Egan & Co
Pty Ltd
14 Nicholson Road
Subiaco WA 6008

GEOLOGICAL AND MINING CONSULTANTS

ch information as is available has been utilised to allow an informed appraisal of the mineral assets. All information in the possession and control of Desertex or its officers and directors is believed to have been made available for the purpose of this assignment. We have provided Desertex a draft of our report for correction of matters of fact and notification of any aterial omissions.

**b** .

Field inspection of the tenements under review was not carried out as part of the valuation process. This was judged to be appropriate because access to the tenement areas is conditional on successful negotiations for rights of access that the Central Land Council ("CLC"), following a sacred site survey. Further, the present value of the tenements is alged to be largely based on the gold prospectivity of the ground as assessed from remotely sensed data, particularly aeromagnetic data, within a favourable regional geological setting. As these areas exhibit low relief and are haracterised by extensive superficial cover, it was considered that field inspection for the purpose of this Valuation of prior to fieldwork having been conducted by Desertex, would not at this time materially impact on valuation assessment.

For the purpose of this document it is assumed that all tenements and agreements are in good standing and that nements are or will be wholly beneficially owned by Desertex. Status of the tenements is considered in a separate report by Cridlands in Section 8 of the Prospectus.

It tenements assessed have been granted and are subject to the provisions of a Deed For Exploration agreed to by the LC and Gresco Nominees Pty Limited on behalf of Desertex.

We have not undertaken any investigations relating to present or possible future Native Title impacts on the Desertex tenements. We have not assessed the consequences of exploration and mining impact on rare and endangered florand fauna. These matters are not within our expertise and opinion on any consequences must be sought elsewhere. For valuation purposes it has been assumed that these matters do not affect the values of the tenements.

Values stated in this document are dated 7 March 1997, the date of completion of this document. Technical Values as efined in the Valmin Code have been derived for the Desertex interest in each mineral asset. These are likely to change were time as additional information becomes available and results of further exploration come to hand. Other factors which may affect valuations include changes in market values of exploration assets, changes in prevailing markets for cold and changes in other economic or technical factors.

This valuation considers the fair value of the properties under review in the context of a transaction between a willing, knowledgeable but unforced buyer dealing at arms length at the time valuation.

I lackay & Schnellmann Pty Limited has given its consent in writing to the issue of the Prospectus with this Valuation in the form and context in which it is included and has not withdrawn its consent before the lodgement of the Prospectus with the Australian Securities Commission. Mackay & Schnellmann will be paid a fee estimated at \$7,000 ccording to its normal rates for the preparation of this Valuation.

### VALUATION METHODOLOGY

The valuation methodology adopted for a given mineral property depends largely on its degree of development. In the following sections, brief descriptions are given of the methodologies in approximate order from those applicable to most highly developed exploration mineral property to least investigated. All of these methodologies are either recognised by the Australasian Institute of Mining and Metallurgy or have been acceptable for valuation purposes in such documents as public floats.

### YARDSTICK METHOD

This method is used to value advanced exploration properties with Identified Mineral Resources but for which no economic studies have been undertaken. In this case the methodology is to establish the "in-situ" value of mineral assets at current commodity prices and to apply a discount designed to reflect the uncertainty attached to the resource estimates and the uncertainty associated with estimating value without the benefit of economic studies. Discounts ranging between 80% and 99.9% may be applied.

For less developed properties this method involves the assignment of the value of a property based on known recent arms length valuations or transactions. The unit values used may include a dollar value per unit of resource in the ground or the dollar value for unit area held. These yardstick unit values are applied to the property being valued usually by reference to other similar properties. This method may by useful for comparative purposes although it is subjective and difficult to use with confidence since no two transactions or properties are identical

Given the absence of Identified Mineral Resources on Desertex's tenements, this method has not been applied in terms of "in-situ" value of mineral assets. A dollar value per unit area derived by reference to the terms of transactions over similar properties has been applied for comparative purposes.

#### MULTIPLE OF EXPLORATION EXPENDITURE METHOD

This method may be applied to exploration properties which do not host resources or reserves. It involves preparing an estimate of the cost of previous relevant exploration and allocating a premium or discount depending on whether or not, in the valuers judgement, expenditure has enhanced the prospectivity for the occurrence of the target commodity. This premium or discount, the prospectivity enhancement multiplier, is normally in the range 0.5 to 3.0 and is applied to the expenditure to quantify the value of the mineral property. Budgeted and committed future exploration expenditure is assigned a deflation multiplier based upon an assessment of the probability that the future expenditure will be made in full. Our valuation established by this method incorporates past expenditure by Desertex.

### JOINT VENTURE METHOD

Joint venture agreements involving mineral properties are arrangements whereby an incoming party may earn an interest in a property by funding future exploration. The interest to be earned and the staged manner in which it is earned is usually determined at commencement of the agreement. Equity earned in relation to funds expended is a function of the perceived prospectivity of the property at commencement, the value of the data acquired and the interest in the property by competitors in the market place at the time. Often in joint venture agreements there is a firm initial expenditure commitment which may be used as a base value for the property. Subsequent optional expenditure to earn further interest is typically staged over two or more years and is discounted before being applied to establish the value a buyer is placing on the vendor's interest. The level of discounting is an opinion based on the probability that the buyer will actually commit all the funds as outlined in the agreement and the length of time over with the agreement is current. Where moderate levels of expenditure are agreed, the probability factor applied to the future expenditure commitment is typically in the range of 0.6 to 0.8. Where the expenditure commitment is high the factor may be 0.5 or less.

By way of example, a typical simple transaction may be an agreement in which an incoming party has agreed to earn 60% interest in a project for the exploration expenditure of \$4 million over a period of 5 years. The technical range of values for the project at the time of the agreement using this method may be assessed as follows:

- $40/60 \times 54 \text{ M} \times 1/121$  (time discount) x 0.4 to 0.8 (range of probability); and
- Technical Value range = \$0.8\$M to \$1.76M.

The above approach in estimating a range of technical values may be based on recent actual transactions covering the tenements under review or comparable transactions covering geologically comparable and geographically proximal areas for projects which have a similar developmental status. By the latter means, a range of Technical Values for the tenements being reviewed may be derived.

Comparable transactions have been used in assessing a range of Technical Values for the Desertex tenements.

### GEOSCIENCE RATING METHOD

This method of valuation may be applied to exploration properties which contain no Identified Mineral Resources. The approach involves assessing a basic acquisition cost for a standard mining tenement and assessing in a subjective manner the prospectivity of the mineral property under review. This is carried out by considering proximity to known mineralisation both on and off property, known on property mineralisation, geophysical and geochemical targets on property and geological patterns on property. Value weightings derived from this process are then multiplied and the product is further multiplied by the base cost per unit area to give a Technical Value. This method has not been used in this valuation.

### **EMPIRICAL METHOD**

An empirical valuation method may be utilised in assessing tenements which lack defined resources or reserves. These properties are still at the exploration stage of development but are known to possess geological characteristics which favour the occurrence of the commodity sought. It is commonly used is assessing prospective but undeveloped projects. This methodology relies on the writer's judgement and experience as to the value of features which enhance the value of a project and as such it is highly subjective.

### VALUATION

#### INTRODUCTION

The Desertex tenements form the Highland Rocks Project and comprise a coherent cluster of six Exploration Licences (EL 8385, 8386, 8387, 8544, 8950 and 8951) in the Northern Territory which are granted until October 17, 2002. These tenements cover 5512 square kilometres, lie within Aboriginal Freehold Land, and are subject to a sacred site survey prior to the negotiation of an access agreement with the CLC before field exploration may commence.

The tenements are situated 500 kilometres northwest of Alice Springs in the greater Granites - Tanami region and cover a portion of the Arunta Block where poorly exposed and poorly known Proterozoic and older rock types are masked by superficial deposits in a remote area where modern gold exploration has not taken place.

The tenements were applied for in order to explore for gold using exploration models developed in recent years from the neighbouring Granites - Tanami area. This area supports significant operating gold mines and recent discoveries have been aided by the application of modern exploration techniques designed to detect gold mineralisation in deeply weathered terrain where surface exposure is limited.

These exploration models allow explorers to develop criteria for the selection of targets for gold exploration in lesser known areas based on the recognition of structural and formational patterns and intrusive events which are believed to be associated with gold mineralisation. Some of these characteristics may be interpreted from remotely - sensed imagery, particularly aeromagnetic data. Thus by comparing the magnetic response obtained over gold mineralisation in the neighbouring Granites - Tanami area with that obtained over the Desertex tenements, Desertex has defined 32 geophysical targets which lie within the company's tenement area. The broad characteristics of these targets are as follows:

- Strongly magnetic rocks representing complexly folded iron rich metasediments interbedded with possible banded iron formation and mafic schist. Within this category, 17 geophysical anomalies have been defined. Seven of these anomalies lie within areas of exposed or thinly covered laterite. The remaining 10 anomalies are interpreted to lie in sand covered areas over laterite (5), areas covered by alluvium and windblown sand (4), and residual soil (1);
- Magnetic anomalies representing zones of disruption or sheared iron rich metasediments in close contact with
  the metamorphic rim of granitoid intrusions. Nine anomalies are deduced in this category. One anomaly is
  interpreted to be covered by laterite, the remaining eight anomalies are covered by alluvium and windblown
  sand; and
- Deflections and splays along major shear zones indicating structural disturbance. One anomaly covered by windblown sand has been identified in this category.

The remaining geophysical anomalies are interpreted to represent probably post tectonic magnetic intrusions (2) exposed as residual laterite. Three anomalies exhibit characteristics from both anomaly types (a) and (b) above.

The above comments and the description and assessment of the potential of the Desertex tenements as set out in the Independent Geologists' Report elsewhere in this Prospectus are judged to impact on this Valuation as follows:

- the tenements are at an early stage of exploration development and therefore their perceived potential for gold
  is subjective and their value is highly subjective
- the defined geophysical anomalies are valid gold exploration targets and warrant rigorous investigation using modern exploration methods
- the Arunta Block is emerging as an area of intense competition between mining companies for exploration ground, reflecting the perceived gold prospectivity of the area, the limited nature of previous work, and the effectiveness of modern geophysical and geochemical exploration techniques in locating gold mineralisation in similar terrain.

### JOINT VENTURE METHOD

As the Desertex tenements do not form part of a joint venture, a range of Technical Values may be ascribed to the Highland Rocks Project based on comparable transactions covering geographically proximal ground of similar status.

Two joint venture transactions have been identified over Aboriginal Land in the Arunta Province of the Northern Territory for this purpose as follows.

the 1995 Lake Mackay Agreement between Tanami Gold NL and PosGold Limited ("PosGold") covering 5 Exploration Licence Applications over 7000 square kilometres in the Arunta Province, Northern Territory. The principal terms of the transaction provide that PosGold may spend \$3M on the tenements within 4 years of gaining access to them to earn 60%. PosGold has to spend \$0.8M before being able to withdraw.

We may value this project at the time of the agreement as follows:

 $40/60 \times $3M \times 1/1.2 \times (0.4 - 0.7);$ 

Technical Value Range= \$0.67M to \$1.17M; and

or from \$96 to \$167 per square kilometre.

the 1995 Tanami Joint Venture Agreement between Adelaide Resources NL and Aberfoyle Resources Limited ("Aberfoyle") covering 2 Exploration Licences and 5 Exploration Licence Applications over 2020 square kilometres, largely in the Arunta Province, Northern Territory. The principal terms provide that Aberfoyle must spend not less than \$0.625M on the two granted Exploration Licences and a further \$1.875M within five years of the date upon which the first of the Exploration Licence Applications is granted, subject to reimbursing Adelaide Resources NL \$0.0275M of tenement acquisition costs. Upon spending the aggregate of \$2.5M Aberfoyle may acquire a 51% interest in the tenements.

We may value this project at the time of the agreement as follows:

 $49/51 \times \$2.5M \times 1/1.21 \times (0.4 - 0.7)$ ;

Technical Value Range= \$0.79M to \$1.39M; and

or from \$391 to \$688 per square kilometre.

Based on the above comparative transactions over comparable terrain with the Highland Rocks Project, we would assess a farm-in agreement over the Project area as a commitment by an incoming party to spend \$2.5M on the tenements within 3 years of gaining access to earn 51%.

We may value this transaction as follows:

 $49/51 \times $2.5M \times 1/1.1 \times (0.4 - 0.7)$ ;

Technical Value Range= \$0.87M to \$1.53M; and

or from \$158 to \$278 per square kilometre.

On the basis of the above treatment a range of Technical Values using the Joint Venture Method for the Highland Rocks Project is assessed at \$0.9M (low), \$1.2M (median), and \$1.5M (high).

### YARDSTICK METHOD

Unit area values derived from the comparative transactions noted above are used to value the project by yardstick methodology. A range of Technical Values for the Highland Rocks Project based on the granted area of 5512 square kilometres is assessed at \$100/km2 (low), \$400/km2 (median), and \$700/km2 (high). For the Project area, the value of the project is assessed to range from \$0.6M (low), to \$2.2M (median) and \$3.8M (high).

### MULTIPLE OF EXPLORATION EXPENDITURE METHOD

Using this method of assessing a Technical Value for the Highland Rocks Project, previous relevant exploration expenditure based on figures prepared by Desertex for the past 2 years to 31 December 1996 have been utilised. From these data, it is assessed that \$0.3M of uninflated relevant expenditure has been incurred. Because the work conducted to date has identified 32 valid gold exploration targets based on the interpretation of geophysical data which merit exploration investigation, a prospectivity enhancement multiplier of 2.5 is assessed for \$0.75M. Future expenditure of \$1.1M for the first year of ground exploration following agreement on access is assessed at \$0.9M using a multiplier of 0.8. The level of expenditure for the second year of exploration budgeted at \$1.4M will largely depend on the outcome of the first year's exploration results and is therefore an uncertain forecast. At this stage, this future exploration component is assessed at \$0.49M using a multiplier of 0.35.

A Technical Value of the Highland Rocks Project based on the multiple of exploration expenditure method is therefore assessed at \$2 IM.

### CONCLUSION

In considering the range of technical value outcomes summarised above, the Technical Value of the Highland Rocks Project is assessed at \$0.9M (low) to \$3.8M (high). In accordance with the Valmin Code, a most likely or preferred value is assessed at \$2.2M. The wide range in estimated Technical Values are ascribed to the early stage of exploration which the properties have reached and the effect of applying several different methods of valuation.

Yours faithfully,

H.J. Garlick

Managing Director

Mackay & Schnellmann Pty Limited

### 8. SOLICITOR'S REPORT

# CRIDLA Northern Territory Lawyers

2 April, 1997

Our Ref: 97033102

The Directors
Desertex NL
Mezzanine Level
210 George Street
SYDNEY NSW 2000

Dear Sirs,

REPORT ON EXPLORATION LICENCES

### Purpose of Report

This report has been prepared for inclusion in a Prospectus to be dated on or about 2 April 1997 and to be issued by Desertex NL ("Desertex") offering for subscription twenty million ordinary shares of twenty cents each, payable in full upon application, together with one free option for every two shares subscribed for, exercisable until 1 April 2002 at twenty five cents.

### Basis of Report

This report is based on searches of the computerised records of the Northern Territory Department of Mines and . Energy available to the public and a search of the register maintained under the Mining Act. Those searches were obtained by this office on 00???? 1997.

We have also relied on a copy of a Deed for Exploration dated 20 September 1996 (the "Deed for Exploration") between Gresco Nominees Pty Ltd and the Central Land Council ("CLC") and copies of consents from the CLC and from the Commonwealth Minister for Aboriginal Affairs, which were provided to us, and have assumed that these are in accordance with the originals.

There have been no material items, transactions or events subsequent to those searches that have come to our attention during the course of our enquiries which would cause the information included in this report to be materially misleading or to suffer from a material omission.

### 1. STATUS OF EXPLORATION LICENCES - MINING ACT

The following table of Exploration Lidences ("ELs") is an accurate statement of those licences (noting our comments on Compliance with Formalities below and subject to our comments on Native Title) at the date of signing this report, all of which ELs are held by Desertex.

61 Smith Street Darwin NT 0800 Australia GPO Box 1302 Darwin NT 0801 Telephone (08) 8943 0400 Facsimile (08) 8981 7020 Fmail ullawyers@cridlands com.au Cridlands Pty Ltd ACN 009 651 594

MAIN CEOM E DICTIAND GRES DAVID FARQUITAR GORDON DERNER ALAN LINDSAY NEVILLE HENWOOD DANNY MASTERS GEORGE ROUSSOS KAREN CHRISTOPHER SENIOR ASSOCIATES:

CONSULTANT.
CEORGE CRIDUAND



### Schedule of Exploration Licenses. Northern Territory of Australia

Reg. No.	Date Granted	Expiry Date	Locality	No. of Blocks	Reg. Holder	(\$) 1st Year Commit- ment	Note
8385 8386	18.10.96 18.10.96	17.10.2002 17.10.2002	Highland Rocks Highland Rocks	56 218	Desertex NL Desertex NL	18,000 25,000	1
8387	18.10.96	17.10.2002	Mount Farewell	500	Desertex NL	35,000	1
8544	18.10.96	17.10.2002	Chilla	463	Desertex NL	30,000	1
8950	18.10.96	17.10.2002	Mount Farewell	284	Desertex NL	85,000	1
8951	18.10.96	17.10.2002	Highland Rocks	191	Desertex NL	60,000	1

### Notes:

1 Located on Aboriginal Freehold Land in the Northern Territory:

#### FEATURES OF THE ELS

The Mining Act provides that exploration licences may be issued for up to 6 years. There is provision for the ELs to be renewed up to two times, each time for two years. Renewal is at the Minister's discretion. The ELs are subject to annual reductions in area of 50% after the second anniversary of grant. The licensee may nominate the areas to be retained (provided the exploration licence is not divided into separate areas). The Minister may defer or temporarily waive such reductions on application by the licensee.

Non-compliance with any of the conditions of the ELs may result in cancellation of the particular exploration licence.

Under the Mining Act a mineral lease for the land the subject of these ELs will only be granted to the holder of an exploration licence for that land.

### REHABILITATION OF LAND

The conditions of grant of the ELs require that approval be obtained under the Mining Act prior to substantial disturbance to the land. Further, the licensee is required to make good any disturbance or damage from activities carried on under the ELs.

### EXPENDITURE COMMITMENTS AND RENTALS

A list of expenditure appears within the Schedule of Exploration Licences. It is a condition of the ELs that these amounts be expended in exploration by the licensee in the first year of each licence.

### COMPLIANCE WITH FORMALITIES

As part of the application process for the ELs, the applicant was required to notify all owners and occupiers of land, whose land will be, or is reasonably likely to be, affected by exploration activities.

Our searches show that at the time of grant the southernmost part of EL8544 covered not only the Mala Aboriginal Land Trust but also a strip several hundred metres wide along the northernmost boundary of NT Portion 1947, which is a pastoral lease. Insofar as the lessee of that pastoral lease was an attected occupier within the forgoing description and it may well be that they were not if no exploration activity was contemplated along that strip) then they should have been notified under the provisions of the Mining Act, and it appears that they were not.

We also note that if native title exists over any of the land (see heading 3 dealing with native title below), the holders of that native title, if any, were entitled to be notified. It appears that the holders of native title, if any, were not so notified (although the traditional owners, within the meaning of the Aboriginal Land Rights (Northern Territory) Act 1976, who may also be the holders of native title, were notified that the CLC)



Section 164A of the Mining Act, however, permits the Minister to grant exploration licences notwithstanding that the application process has not been fully complied with. Further it also provides that the grant of an exploration licence shall not "be impeached by reason or on account of an informality or irregularity in the application ... for the licence".

We consider that this provision would apply to overcome the possible deficiency in the application process for the ELs.

### 2. ABORIGINAL LAND RIGHTS (NORTHERN TERRITORY) ACT 1976 ("LAND RIGHTS ACT")

This Commonwealth Act provides "for the grant of Traditional Aboriginal Land in the Northern Territory for the benefit of Aboriginals, and for other purposes".

Under this legislation, land trusts are established to hold land, by way of freehold title, for Aboriginal people. Exploration licences over such land may only be granted with the consent of the relevant Aboriginal traditional owners of the land. The terms and conditions of such consent are negotiated with Land Councils appointed for the purpose of assisting Aboriginals with this process (in this case the CLC) and an agreement entered into.

Our searches indicate that the ELs cover freehold land owned by the Mala Aboriginal Land Trust, the Lake Mackay Aboriginal Land Trust and the Central Desert Aboriginal Land Trust.

An agreement in the form of the Deed for Exploration was entered into with the requisite consents obtained from the CLC and the Commonwealth Minister for Aboriginal Affairs.

However the following should be noted in relation to the Deed for Exploration:

There is no requirement under the Land Rights Act to obtain consent from a Land Council for the grant of a mining lease once an exploration lease has been consented to. The role of the Land Council is to negotiate with the licensee the desired terms and conditions of any such mining leases once an application has been made. If those terms and conditions cannot be agreed there is provision for arbitration.

In Northern Territory of Australia v Northern Land Council & Ors (1992) 81 NTR 1 (the Stockdale Prospecting case) it was held that to the extent that an exploration agreement purported to create a regime for the grant of mining leases different to that imposed by the Land Rights Act, the exploration agreement was unenforceable and void in relation to the inconsistency only.

It would appear to us that clause 32 in the Deed for Exploration purports to impose obligations and restrictions on the licensee over and above the Land Rights Act and so that clause 32 may be unenforceable and void to the extent of the inconsistency with the Land Rights Act.

If so, the consequences for Desertex are not necessarily adverse. The statutory regime set out in the Land Rights Act will apply and, notwithstanding anything to the contrary in the Deed for Exploration, the CLC's consent to the grant of a mining lease will not be required. In accordance with the Land Rights Act Desertex must enter into negotiations with the CLC for the purpose of reaching agreement on the terms and conditions of the grant of the mining lease. If the CLC and Desertex are unable to reach agreement then there is provision for the matter to be referred to a Mining Commissioner to conciliate or arbitrate the terms of that agreement.

The covering letter from the Minister for Mines and Energy advising of the grant of the ELs contains a statement (which the Department of Mines and Energy advises is a standard inclusion in all such letters relating to Aboriginal treehold land) that should the parties to the Deed for Exploration seek to rely on any clause which purports to avoid or limit part IV of the Land Rights Act the Northern Territory would seek a deliberation from the Supreme Court as to the validity of those provisions.

### 3. POSSIBLE DIFFICULTIES ARISING FROM NATIVE TITLE

### MASO DECISION

The Ells may possibly be affected by the decision of the High Court of Australia in Mabo & Ors -v- The State of Queensland (1992) 175 CLR I ("the Mabo Decision"), (although in our view, as expressed below, it is unlikely that they are so affected). In that case, the High Court recognised that a concept of native title to land had survived the Crown's acquisition of sovereignty in Australia.



If, notwithstanding our view of the consequences of the Wik both these conditions (a) and (b) are met then:

- (A) the grant of the ELs over the Aboriginal Freehold Land may give rise to three alternative consequences:
  - (1) the Land Rights Act is a code for acts done over Aboriginal Freehold Land and, it having been complied with, the grants are valid;
  - (2) the grants are valid and native title, to the extent it is affected, is not extinguished but merely restricted during the currency of the ELs (with the possibility of a claim for compensation by native title holders from the government); or
  - (3) the grant is invalid as it would otherwise have the effect of extinguishing native title.

We consider that item (3) is remote and unlikely having regard to the nature of rights conferred by an exploration licence, and that such grants are excluded from the definition of "future acts" within the Native Title Act and the possible application of section 210 of the Native Title Act.

We do note that if native title rights do exist, then section 184 of the Mining Act does provide a mechanism for compensation being payable to the native title holders (as owners and occupiers of the land).

(B) The grant of EL8544, which apparently covered some of the pastoral lease, may be partly (to the extent to which it covered the pastoral lease) or wholly invalid, as the right to negotiate process set out in the Native Title Act does not appear to have been followed.

Whilst the extent of the invalidity remains an open question (because the Native Title Act does not address that point), it is our view that EL8544 would only be invalid to the extent that it affected native title on the pastoral lease. We base this view on the Native Title Act expressly stating that an "impermissible future act" is invalid only to the extent to which it affects native title. We do not consider that a permissible future act would be treated by the courts to be wholly invalid in similar circumstances.

We note that there has been a partial surrender of EL8544 to excise those parts which apparently covered the pastoral lease. Therefore currently EL8544 does not affect native title rights over the pastoral lease (and at a practical level this may remove the concerns of any native title holder). However we are not able to conclude that this would necessarily remove the issue of invalidity because the provisions of the Native Title Act dealing with validity are concerned only with the time of grant, not with any subsequent acts done.

If EL8544 at the time of grant affected native title and an invalidity exists under the Native Title Act as a result of that, it would then be necessary for that exploration licence to be re-issued over its current area.

We have not been instructed to conduct, and have not otherwise conducted, the extensive historical tenure, anthropological and ethnographic research which would be necessary to form a reliable opinion on whether native title exists over the relevant areas and whether the grant of the ELs affects such rights, if any.

### We note that:

- notwithstanding the possible difficulties arising from an application of the Native Title Act, the Northern Territory Department of Mines and Energy have issued numerous exploration and mining licences since I January 1994, in accordance with the Land Rights Act, and without also requiring compliance by the relevant parties with the provisions of the Native Title Act;
- the uncertainty arising from native title and the Native Title Act are currently the subject of debate and possible legislative action by the Federal Parliament, which may address some of the matters raised above;
- the Northern Territory government has announced its intention to introduce legislation to enable the re-issue any ELs which may be found to be invalid due to problems with native title over pastoral leases.

### 4. OTHER LEGISLATION APPLYING TO THE NORTHERN TERRITORY

We note the existence of legislation applying in the Northern Territory other than the Mining Act likely to affect the areas of ELs in which Desertex is interested. Of particular importance is legislation for the protection of Aboriginal persons and locations of cultural importance to them.



#### SACRED SITES PROTECTION LEGISLATION

Given the location of ELs in the Northern Territory, it must be considered that Aboriginal sacred sites may be encountered. It is an offence under both the Land Rights Act and the Northern Territory Aboriginal Sacred Sites Act 1989 ("the Sacred Sites Act") to enter and remain on a sacred site, to carry out work on a sacred site or desecrate a sacred site.

"Sacred site" is defined in both the Land Rights Act and the Sacred Sites Act as being "a site that is sacred to Aboriginals or is otherwise of significance according to Aboriginal tradition, and includes any land that, under a law of the Northern Territory, is declared to be sacred to Aboriginals or of significance according to Aboriginal tradition."

The licensee may approach the Aboriginal Areas Protection Authority ("the Authority") established under the Sacred Sites Act for an indication as to whether there are any sites recorded in a particular area. Sites will only be recorded by the Authority if they have been so requested by a custodian or where the Authority has previously worked in the area, either at the instigation of a site clearance request or perhaps through its own activities.

The Authority will advise of the existence of sites on its register, however that is no guarantee that all sites in a particular area have been identified. A defence for unlawful work is available under the Sacred Sites Act where a clearance has been obtained from the Authority.

The Deed for Exploration contains provisions for the licensee to ascertain the existence and extent of sacred sites in the EL areas by means of teams involving the CLC and a local aboriginal who has responsibility for sacred sites in the relevant area.

#### ABORIGINAL AND TORRES STRAIT ISLANDER HERITAGE PPROTECTION ACT 1984

The purposes of this Commonwealth Act are "the preservation and protection from injury or desecration of areas and objects in Australia and in Australian waters, being areas and objects that are of particular significance to Aboriginals in accordance with Aboriginal tradition".

The principal feature of this legislation is the capacity of the Minister to make declarations which "contain provisions for and in relation to the protection and preservation of [areas, objects or Aboriginal remains] from injury or desecration." These declarations have the potential to halt exploration operations in cases where Aboriginal areas, objects or remains are encountered anywhere within the Northern Territory.

We have not made any enquiries as to whether any declaration has been made over the areas the subject of the ELs.

### CONCLUSION

Our preparation of this report relating to Exploration Licences and applications for Exploration Licences has relied upon a copy of the Deed of Exploration and copies of the consents previously mentioned provided to us by Norton Smith & Co and materials available from the computer based records established and maintained pursuant to the mining legislation in force in the Northern Territory by the Department of Mines and Energy and information available from government offices upon public enquiry where noted. In reliance upon this information, we believe this report does not contain anything which is false in a material particular or which is materially misleading in the form and context in which it appears.

### DISCLOSURE OF INTERESTS

Cridlands will be paid normal and usual professional fees for the preparation of this report. Other than in respect of its professional fees, Cridlands has no interest in the promotion of Desertex.

### CONSENT

Cridlands has given and has not, before lodgement of this Prospectus, withdrawn its consent to the issue of the Prospectus with this report included in the form and context in which it appears.

Yours faithfully, CRIDLANDS

JOHN GEORGE

## INDEPENDENT VALUATION REPORT



#### **Chartered Accountants**

The KPMG Centre 45 Clarence Street Sydney NSW 2000 Australia PO Box H67 Australia Square Sydney NSW 2000 Australia

Telephone: (02) 9335 7000 Facsimile: (02) 9299 7077 DX 1056 SYDNEY

The Directors
Desertex N.L
Mezzanine Level
210 George Street
Sydney NSW 2000

2 April 1997

Dear Sirs

#### INVESTIGATING ACCOUNTANT'S REPORT

### 1. INTRODUCTION

This report has been prepared by KPMG for inclusion in the Prospectus dated on or around 2 April 1997 for the proposed underwritten issue of 20 million ordinary shares of \$0.20 each at an issue price of \$0.20 per share, together with one free option for every two shares subscribed for, exercisable at \$0.25 each and expiring on 1 April 2002, in Desertex N.L ("Desertex").

Expressions defined in the Prospectus have the same meaning in this report.

### 2. BACKGROUND

Desertex is an exploration company the activities of which are focused on the Granites-Tanami province of the Northern Territory. Exploration Licences in vacant ground situated south of the Granites-Tanami area were originally applied for in 1993 and 1994. The Licences are situated on Aboriginal land and negotiations were concluded with the Aboriginal Traditional Owners, through the Central Land Council, in September 1996.

Desertex has not traded from the date of incorporation to the date of this report. As at 31 December 1996 Desertex had accumulated losses of \$13,618 almost all of which relates to consultants' fees incurred in negotiating the granting of the Exploration Licences.

To date, the activities of Desertex have been funded privately and the Directors have now make this offer to fund exploration of the six licences which have been granted.

### 3. SCOPE OF OUR REVIEW

You have requested KPMG to prepare an Investigating Accountant's Report dealing with the pro forma balance sheet of Desertex as at 31 December 1996 ("the pro forma balance sheet"), as set out at Appendix 1.

The pro forma balance sheet has been based on:

- management information of Desertex as at 31 December 1996;
- the independent consulting geologist's report and independent valuation report (refer to sections 6 and 7 respectively of the Prospectus); and
- the accounting policies detailed in Note 1 of Appendix 2.



### A THE

The management information of Desertex as at 31 December 1996 has not been audited but has been reviewed by KPMG.

Our review of the pro forma balance sheet, which was carried out in accordance with AUS 902 "Review of Financial Reports", included such enquiries and procedures as we considered necessary for the purpose of this report. Our review procedures included a consideration of the conformity of the accounting policies with Australian Accounting Standards in relation to the pro forma balance sheet prepared by management and approved by Directors

These review procedures undertaken by KPMG in its role as Investigating Accountant were limited primarily to inquiries of management and the Directors and as such, were substantially less in scope than an audit examination conducted in accordance with generally accepted auditing standards. Since this review provides less assurance than an audit, we do not express an audit opinion on the pro forma balance sheet included in the Prospectus.

### 4. TRANSACTIONS INCLUDED IN THE PRO FORMA BALANCE SHEET

### 4.1 Pro forma balance sheet

The pro forma balance sheet included in this report (at Appendix 1) has been based on the management information of Desertex as at 31 December 1996 referred to above, adjusted for certain transactions which have occurred since 31 December 1996 and for the transactions contemplated by the Prospectus, including:

- the transfer of the Exploration Licences into the name of Desertex;
- the restructure of the share capital of Desertex;
- the issue of shares to promoters;
- the raising of additional funds from the existing shareholders through convertible loans and the conversion of those loans through the issue of shares to seed capital providers;
- the issue of shares described in the Prospectus;
- the fees and expenses associated with the issue of shares described in the Prospectus;
- the repayment of monies advanced to Desertex by Panstyn Investments Pty Ltd and Baron Nominees Pty Ltd;
   and
- the payment of consultants' fees to Directors and their related entities.

Details of the transactions are provided below.

### 4.2 Transfer of exploration licences

Subsequent to 31 December 1996, the Exploration Licences were transferred from the name of Gresco to the name of Desertex.

### 4.3 Capital restructure

As at 31 December 1996 Desertex had authorised capital of 4 million ordinary shares of \$0.25 each and issued capital of 100 fully paid ordinary shares of \$0.25 each. On 27 February 1997 the share capital of Desertex was restructured as follows:

- a rights issue was completed whereby each shareholder received 3 ordinary shares of \$0.25 for each share of \$0.25 already held;
- a share split was completed whereby each shareholder received 5 ordinary shares of \$0.20 each for every 4 shares of \$0<sub>,</sub>25 each already held; and
- the authorised share capital was increased to 500 million ordinary shares of \$0.20 each.

Following the restructure Desertex had authorised capital of 500 million ordinary shares of \$0.20 each and issued capital of 500 fully paid ordinary shares of \$0.20 each. Thus, the effect of the restructure was to increase the issued share capital of Desertex from \$25 to \$100.

the record date will be at least 10 business days after the issue is announced. This will give Optionholders the opportunity to exercise their Options prior to the date for determining entitlements to participate in any such issues.

In the event of any reconstruction (including consolidation, sub-division or reduction) of the issued capital of the Company prior to the Expiry Date, the number of Options to which each holder is entitled or the exercise price of the Options or both shall be reconstructed (as appropriate) in a manner which will not result in any additional benefits being conferred on Optionholders which are not conferred on Shareholders (subject to such provisions with respect to the rounding of entitlements as may be sanctioned by the meeting of Shareholders approving the reconstruction of capital, but in all other respects the terms of the exercise of the Options will remain unchanged.

 Shares allotted and issued pursuant to the exercise of an Option will be allotted and issued on the above terms and conditions of the Options, not more than 14 days after the receipt of a properly executed Option Exercise Form and the application monies in respect of the exercise of the Option.

### PROMOTER OPTIONS, SEED CAPITAL PROVIDER OPTIONS AND ADVISOR OPTIONS

Save and except for the expiry date of 1 March 2002, the exercise price of 30 cents and that Official Quotation will not be sought, the terms and conditions of the 10,500,000 Promoter Options, Seed Capital Provider Options and Advisor Options are in every respect identical to the terms and conditions of the Options offered pursuant to this Prospectus.

#### **DIRECTOR OPTIONS**

Save and except for the expiry date of 1 March 2002, the exercise price of 40 cents and that Official Quotation will not be sought, the terms and conditions of the 3,500,000 Director Options are in every respect identical to the terms and conditions of the Options offered pursuant to this Prospectus.

Promoter Options, Seed Capital Provider Options, Advisor Options and Director Options, may, if required by the ASX, be subject to escrow conditions for a period to be determined by ASX.

### 10.4 RELATED PARTY TRANSACTIONS

The Company is not aware of any related party transactions requiring disclosure in this Prospectus, other than those referred to elsewhere in this Prospectus, namely

- the agreements for consultancy services referred in Section 10.8, and predecessor oral agreements to similar effect; and
- the agreement to repay amounts due to the promoters, which are set out in the Investigating
  Accountant's Report in Section 9 of the Prospectus.

### 10.5 BALANCE DATE

The accounts of the Company will be made up to 30 June annually.

### 10.6 LITIGATION

The Company is not involved in any legal or arbitration proceedings, and nor, so far as the Directors are aware, are any proceedings pending or threatened against the Company.

### 0.7 INTERESTS OF DIRECTORS

As at the date of the Prospectus, the securities of the Company in which Directors of the Company or their associates may be deemed to be interested are as follows. Interests include those held directly or otherwise.

	SHARES	OPTIONS
Patrick James Dymock Elliott (Note 1)	1,400,000	1,000.000 Director Options
		1,200,000 Promoter Options 200,000 Seed Capital Provider Options
James Fraser Allender	1,400,000	1,000,000 Director Options
		1,120,000 Promoter Options
		280,000 Seed Capital Provider Options
Anthony John Hosking	1,400,000	1,000,000 Director Options
		1,120,000 Promoter Options
		280,000 Seed Capital Provider Options
Richard Clement Fitzhardinge Tiley	20,000	500,000 Director Options
	-	20,000 Seed Capital Provider Options
Francis Creagh O'Connor	Nil	250,000 Director Options (Note 2)

### NOTES

- A company associated with Mr Elliott, Panstyn Investments Pty Limited is a sub underwriter of the Issue in respect of X Shares and will receive a fee of \$X in this capacity. Panstyn Investments Pty Limited has committed to subscribe for X Shares pursuant to the Offer.
- It is proposed that shareholder approval will be sought for the allotment of the options at the statutory meeting of the Company

### (TBA: DIRECTORS' COMMITMENTS TO SUBSCRIBE)

Directors are not required to hold any shares in the Company

Other than as set out in the Prospectus, no Directors have any interests in the promotion of, or in any property proposed to be acquired by, the Company, nor has any amount been paid to any Director either to induce him to become, or qualify him as a Director or otherwise, for services rendered by him in connection with the promotion of the Company.

The Articles of Association of the Company provide that the Directors will be entitled to remuneration as determined by the Conpany in general meeting to be apportioned amongst them in such manner as the Directors determine.

The Directors are entitled to be reimbursed for out of pocket expenses reasonably incurred for the purpose of attending meetings or otherwise in or about the business of the Company. If a Director, having been requested to do so by the Board, performs extra services or makes any special exertions he may be paid such additional fixed sums by way of special remuneration as the Board may determine.

### MATERIAL CONTRACTS

In the opinion of the Directors, the following contracts entered into by the Company are or may be material in terms of the Offers or the operation of the business of the Company or otherwise are or may be material to shareholders or potential investors in the Company:

- Consultancy Agreement.
- Underwriting Agreement.
- Deed for Exploration, and
- Transferee's Deed of Covenant

These are summarised as follows:

#### CONSULTANCY AGREEMENT

On 00 ????? 1997 the Company entered into a Consultancy Agreement with Anthony John Hosking and James Fraser Allender ("Consultants"), both of whom are Executive Directors.

The Consultants have agreed to provide business services and expertise to the Company to assist in the conduct and development of the Company's mineral exploration and mining business. The services that the Consultants have agreed to provide include:

- Preparation of plans and budgets (including technical and manpower reports) for an exploration
  programme in respect of the Exploration Licences "Exploration Program" for consideration by the
  Directors.
- Supervision and management of the Exploration Programme.
- Participation in onground exploration activities under the Exploration Programme.
- Preparation of reports and attendance to other matters to satisfy the requirements of the Northern Territory Department of Mines and Energy.
- Preparation of quarterly reports (and other reports as required) to the Australian Stock Exchange Limited
  on exploration activity.
- Ensure compliance by the Company, the Consultants and all subcontractors and employees with the terms of the Deed for Exploration

The initial term of the Consultancy Agreement is for 2 years commencing from the date of the Consultancy Agreement. The term may be extended by written agreement between the Company and each of the Consultants.

The Consultants will receive fees at the rate of \$500 per day per Consultant. The Consultants are jointly and severally responsible for providing the services for not less than 300 days in each calendar year, in which case the Consultants will jointly receive a total of \$150,000. This is not a maximum figure and the Consultants will be entitled to receive payments for services provided on days in excess of 300 days in a year at the abovementioned daily rate.

The Consultants are authorised to act as the Company's agents for the purposes of conducting the activities and expending the amounts set out in expenditure budgets to be agreed by the Company, or to the extent otherwise agreed in writing by the Company. The Consultants must not disclose any of the Company's confidential information.

### UNDERWRITING AGREEMENT

On 2 April, 1997 the Company entered into an Underwriting Agreement with the Underwriters. The Underwriters have agreed to severally underwrite the Issue in the respective proportions of 50% each. If there is a shortfall in subscriptions for Shares and Options offered by the Prospectus, each Underwriter must, within 10 business days of receiving notice of the shortfall, lodge an application and Application Monies with the Company for that Underwriter's proportion of the shortfall.

The Company must pay to each Underwriter an underwriting fee of \$80,000 and a management fee of \$20,000 together with all reasonable agreed costs, fees and expenses incidental to the Issue

An Underwriter may terminate its underwriting obligations if any of the following events occur:

- a material statement, material report, material representation, material matter or thing of a material nature contained in the Prospectus is found to be or becomes false or misleading or there is a material omission from the Prospectus;
- any material adverse change occurs in the financial position or prospects of the Company;
- there is an outbreak of hostilities (whether war has been declared or not) involving any one or more of Australia, the United States of America, Republic of Indonesia, Papua New Guinea or Japan other than hostilities presently existing or there is any other outbreak of hostilities (whether war has been declared or not) where such hostilities are in the reasonable opinion of the Underwriters likely to prejudice materially the success of the Issue;

- the adoption or announcement by or on the authority of the Australian government of any change in fiscal or monetary or taxation policy which could materially and adversely affect the Company or any law or prospective law or other measure having the effect of restraining capital issues and which in either case would materially and adversely affect the Issue;
- there is a material contravention by any person of that person's obligations under a material contract referred to in the Prospectus;
- any contravention by the Company or any person who is an officer of the Company of any provision of
  the Corporations Law or any other legislation of the Commonwealth of Australia or its states or
  territories or the Listing Rules provided that the contravention has had, or would have, a material
  adverse effect on the Issue;
- a receiver or manager or receiver and manager or administrator or other controller is appointed to all or
  any major part of the assets or undertaking of the Company;
- the Company enters into a scheme of arrangement with its creditors or any class of them or indicates its
  intention to do so;
- the Company suspends payments of its debts or is unable to pay its debts or is insolvent within the meaning of Section 95A and Part 5.4 of the Corporations Law;
- the Company is placed under administration or an administrator is appointed;
- a provisional liquidator is appointed to the Company;
- the Company is in breach of any material provision of this Agreement;
- a director of the Company is convicted of any criminal offence involving fraudulent or dishonest conduct;
- the Company, on or before Lodgement Date, does not deliver to the Underwriters a sing-off letter, a
  directors' responsibility and consent letter and a co-operation letter in a form reasonably acceptable to
  the Underwriters;
- if without the prior written consent of the Underwriters a material contract referred to as such in the Prospectus is terminated, rescinded, materially and adversely altered or amended or if that contract is found to be void, voidable or unenforceable;
- any person other than an Underwriter gives a notice under Section 1008(4) or Section 1023A of the Corporations Law;
- there occurs in relation to the Prospectus an event which is in the reasonable opinion of the Underwriters a "significant change affecting a matter included in the Prospectus" or a "significant new matter" within the meaning of Section 1024(1) of the Corporations Law;
- the Underwriters reasonably form the view that a supplementary or replacement prospectus must be lodged with the ASC under Section 1024(2) or Section 1023B(2) of the Corporations Law and the Company does not lodge a supplementary prospectus or a replacement prospectus ( as the case may be) in the form and content and within the time reasonably required by the Underwriters or the Underwriters reasonably form the view that a supplementary prospectus or a replacement prospectus may materially prejudice the success of the Issue;
- the ASC issues a stop order under Section 1033 of the Corporations Law or gives written notice setting a
  date for hearing in relation to the Prospectus pursuant to Section 1033 and the notice is not withdrawn
  or the giving of that notice or that hearing is not resolved to the Underwriters' reasonable satisfaction
  within ten (10) Business Days of that notice;
- six (6) weeks (or such longer period as approved by the ASX) elapses after the date of issue of the Prospectus without permission having been granted by the ASX (subject to the usual conditions) for the Shares or the Options to be officially quoted by the ASX;
- except as contemplated by the Prospectus, the Company makes an allotment or grants an option to subscribe for shares or agrees to do so, issues or agrees to issue convertible notes, disposes or changes or agrees to dispose or change the whole or a substantial part of its business;

- any person who is required, pursuant to the provisions of the Corporations Law to consent to the
  inclusion of its, his or her name in the Prospectus, and who has previously consented to the inclusion of
  its, his or her name in the Prospectus, withdraws that consent;
- the Company alters, or announces its intention to alter, its capital structure or the Memorandum and Articles (other than as contemplated in the Prospectus) without the prior consent of the Underwriters (that consent not to be unreasonably withheld);
- there is a material breach of any of the warranties provided by the Company under the Underwriting Agreement;
- without the approval of the Underwriters the Company makes any statement or publishes or issues by any means any notice circular or advertisment relating to the Company or its activities or the Issue which is prejudicial in any manner whatever to the prospects of the Issue being fully purchased by persons other than the Underwriters;
- the All Ordinaries Index or the Gold Index of the ASX falls ten per cent (10%) below the level of the Ali Ordinaries Index or the Gold Index (as the case may be) at the date of the Underwriting Agreement for a period of five (5) consecutive Business Days;
- the London PM fix for gold, as quoted in The Australian Financial Review drops by more than ten per cent (10%) for a period of five (5) consecutive Business Days from its price at the date of the Underwriting Agreement; or
- the Prospectus is not registered by the ASC by the date specified in the Indeminity Agreement.

#### DEED FOR EXPLORATION

On 30 July 1996 the Northern Territory Minister for Aboriginal and Torres Strait Islander Affairs approved the CLC entering into the Deed for Exploration.

On 20 September 1996 the CLC gave its consent pursuant to Sections 40 and 42 of the Aboriginal Land Rights (Northern Territory) Act to the grant of the Exploration Licences subject to the terms and conditions of the Deed for Exploration and Gresco entered a Deed for Exploration with the CLC in respect of the Exploration Licences. The CLC acknowledged in the terms of the Deed of Exploration that Gresco held the Exploration Licences upon trust for the Company.

On 24 February 1997 the CLC consented to the transfer of the legal interest in the Exploration Licences from Gresco to the Company and entered into a Transferee's Deed of Covenant with the Company pursuant to which the Company agreed to be bound by the terms and conditions of the Deed for Exploration. The terms of the Transferee's Deed of Covenant are summarised in this Section 10.8.

Under the Deed for Exploration the Company is obliged only to conduct activities in the areas covered by the Exploration Licences, that are good exploration industry practice and necessary for a proper and efficient implementation of the exploration project.

The Company must make annual payments to the CLC that are based on agreed prefentage scale of the inground exploration expenditure in relation to the Exploration Licences. Inground exploration expenditure means expenditure on all ground modes of searching for and/or evaluating deposits of minerals and includes expenditure on such operations and works that are necessary for that purpose

The Directors of the Company consider that the annual payments specified in this Deed are commercially sensitive and of such nature that their release to the public would result in reasonable prejudice to the Company's business. For this reason, pursuant to ASC Class Order 94/183, the Company has censored this information from the copy of the Deed available for inspection. Furthermore, the information is neither disclosed in this Prospectus nor required to be disclosed, by virtue of Section 1022 of the Corporations Law or otherwise

Each year the Company must furnish a work programme to the CLC prior to undertaking any activity in the area covered by the Exploration Licences. The CLC will then arrange for sacred site clearances and consultations with Traditional Owners as soon as reasonably practicable after receiving each work programme.

The Company is required to rehabilitate those parts of the areas covered by the Exploration Licences where the soil or vegetation is disturbed by the Company.

The parties must establish a liaison committee consisting of members from the Company, CLC and the Traditional Owners. Broadly, the functions of the liaison committee are to review the operation of the Deed for Exploration, the progress of the exploration project and to resolve differences arising between the parties. The liaison committee must meet at least once in each year.

The CLC may terminate the Deed of Exploration by 30 days written notice if:

- the Company commits a serious default that is not capable of remedy and fails to pay the CLC such
  compensation as the CLC reasonably determines; or
- the Company commits a serious default that is capable of remedy and fails to remedy the serious default.

The Company will be deemed to have committed a serious default in the following circumstances:

- it fails to pay any moneys to the CLC or to any other person within 7 days of the date upon which the same becomes due and payable under the Deed for Exploration;
- it commits a material breach of any fundamental term or condition under the Deed for Exploration;
- without the consent in writing of the CLC, it or its employee, servant, agent, contractor or sub-contractor deliberately or negligently enters upon interferes with, damages or desecrates a Sacred Site other than a Sacred Site -
  - which is part of an area upon which the Company has been authorised to conduct exploration
    activities pursuant to a work programme,
  - which site has not been notified to the Company, and
  - which the Company has no reasonable grounds for suspecting is a Sacred Site;
- it repeatedly contravenes or negligently or deliberately fails to prevent the contravention of the clause in the Deed for Exploration prohibiting liquor and guns on the licence area, on 3 or more occasions;
- it negligently or deliberately fails to prevent an employee, servant, agent, contractor or sub-contractor from behaving in a manner which is offensive to the Traditional Owners or to their culture or tradition;
- it has (except for the purposes of a corporate reconstruction) a receiver appointed over any of its assets or undertakings which includes any of its rights under the Deed for Exploration or under the Exploration Licences or if proceedings are commenced to liquidate or wind up the Company which proceedings are not actively resisted by the Company; or
- it deliberately and repeatedly commits minor defaults each of which has been the subject of written notice to the Company from the CLC. A minor default is a default under the Deed for Exploration that is not a serious default.

The Company may only transfer its interest under the Deed for Exploration and the Exploration Licences with the consent of the CLC provided that the transferee executes a deed of covenant agreeing to be bound by the terms and conditions of the Deed for Exploration.

The Company must give the CLC not more than 12 months and not less than 6 months notice of its intention to apply for a mineral lease following which the parties will establish a development review committee for the broad purposes of facilitating discussion and exchange of information and to monitor the preparation of the statement under Section 46 of the Land Rights Act.

The consent of the CLC is not required for the grant of a mineral lease provided that the Company enters into a mining agreement with the CLC the terms of which will be negotiated between the parties

#### TRANSFEREE'S DEED OF COVENANT

On 24 February 1997 the CLC consented to the transfer of the legal interest in the Exploration Licences from Gresco to the Company and entered into a Transferee's Deed of Covenant with the Company pursuant to which the Company agreed to be bound by the terms and conditions of the Deed for Exploration.

Under the Transferee's Deed of Covenant the CLC released Gresco from all of Gresco's obligations under the Deed for Exploration arising after 24 February 1997 and the Company became entitled to exercise all of the rights which would otherwise have been the rights of Gresco pursuant to the Deed for Exploration.

### 10.9 DOCUMENTS AVAILABLE FOR INSPECTION

A copy of the material contracts referred to in Section 10.8 together with a copy of the Memorandum and Articles of Association of the Company, the audited accounts of the Company for the period ended 30 June 1996 and the consents to the issue of the Prospectus, will be available for inspection without charge between 9am and 5pm at the Company's registered office for a period of twelve months after the date of lodgement of the Prospectus with ASC.

### 10.10 UTILISATION OF FUNDS AND ESTIMATED EXPENSES OF THE OFFER

An approximate indication of proposed utilisation of funds and estimated expenses of the offer is set out below:

	5
Funds raised	4,000,000
Estimated offer expenses payable by the Company (see below)	180,000
Commission to the underwriters	160,000
Advisory and Issue Management Fees	50,000
Repayment of Loans and Consultants' Fees	461,126
Balance as Working Capital	3,148,874

### Estimated offer expenses include:

	5
Investigating Accountant's Fees	15,000
Legal Fees	55,000
Independent Reports	36,599
Printing	30,000
ASX Listing Fees	26,000
Other	17,401
Total	180,000

#### 10.11 INTERESTS OF EXPERTS AND OTHER NAMED PARTIES

Except as set out below or elsewhere in the Prospectus, no expert, nor any firm in which such expert is a partner or employee, has any interests in the promotion of, or any property proposed to be acquired by, the Company:

Etheridge Henley Williams have prepared the Independent Consulting Geologist's Report included in the Prospectus and have performed work in relation to due diligence enquiries. In respect of this work, the Company has agreed to pay \$19,156.

MacKay & Schnellmann Pty Limited has prepared the Independent Valuation Report included in the Prospectus. In respect of this report, the Company has agreed to pay \$7,000.

KPMG has prepared the Investigating Accountant's Report and has performed work in relation to due diligence enquiries. In respect of this work, the Company has agreed to pay \$15,000. KPMG also act as auditors of the Company for which they have received professional fees.

Norton Smith & Co. has acted as solicitors to the Company in relation to this Prospectus and performed certain due diligence enquiries. In respect of this work, the Company has agreed to pay \$55,000. Further amounts based on hourly time charges may be paid to Norton Smith & Co. for further work done in connection with the Offer and this Prospectus.

Cridlands has prepared the Solicitor's Report included in Section 8 of the Prospectus. In respect of this work, the Company has agreed to pay \$XXX.

Baron Partners Limited has acted as Corporate Adviser to the Company in relation to the Prospectus. In respect of this work, the Company has agreed to pay \$10,000 and to grant to Baron Partners 500,000 Advisor Options expiring on 1 March 2002 to acquire Shares at an exercise price of 30 cents each. An entity associated with Baron Partners Limited has provided \$10,000 in seed capital to Desertex and as a result has been allotted 100,000 Shares and 100,000 Seed Capital Provider Options. Baron Partners I imited is a subunderwriter of the Issue in respect of X Shares and will receive a fee of SXX in that capacity.

Taylor, Collison Limited and D&D-Tolhurst Ltd are the Underwriters of the Offer and will receive an underwriting commission of 4% and a management fee of 1% of the total funds raised by the Offer (out of which sub-underwriting commission and handling fees will be payable), together with reimbursement of reasonable costs and expenses incidental to the Offer.

Mr J F Allender has acted as a consultant to Company. The Company has agreed to pay \$75,000 to Mr I F Allender contingent upon the Issue being fully subscribed.

Mr A J Hosking has acted as a consultant to the Company. The Company has agreed to pay \$67,500 to Mr A J Hosking contingent upon the Issue being fully subscribed.

Panstyn Investments Pty Limited, an associate of Mr P J D Elliott, has acted as a consultant to the Company. The Company has agreed to pay \$75,000 to Panstyn Investments Pty Limited contingent upon the Issue being fully subscribed.

### 10.12 CONSENTS

Etheridge Henley Williams has given and has not, before lodgement of the Prospectus, withdrawn its consent to the issue of the Prospectus with its Independent Geologist's Report included in the form and context in which it is included and to being named in the Prospectus as having prepared the Independent Geologist's Report in the form and context in which it is named.

MacKay & Schnellmann Pty Limited has given and has not, before lodgement of the Prospectus, withdrawn its consent to the issue of the Prospectus with its Independent Valuation Report included in the form and context in which it is included and to being named in the Prospectus in the form and context in which it is named

KPMG has given and has not, before lodgement of the Prospectus, withdrawn its consent to the issue of the Prospectus with its Investigating Accountant's Report included in the form and context in which it is included and to being named in the Prospectus as the Investigating Accountant and Auditor in the form and context in which it is named. KPMG does not make, or purport to make, any statement in the Prospectus other than those set out in Section 9.

Cridlands has given and has not, before lodgement of the Prospectus, withdrawn its consent to the issue of the Prospectus with its Solicitor's Report included in the form and conext in which it is included and to being named in the Prospectus in the form and context in which it is named.

Norton Smith & Co. has given, and has not before lodgement of the Prospectus withdrawn, its consent to being named in the Prospectus as Solicitors to the Company in the form and context in which its named. Norton Smith & Co. does not make or purport to make any statement in the Prospectus other than those set out in Section 10.8.

Baron Partners Limited has given and has not, before lodgement of the Prospectus, withdrawn its consent to being named in the Prospectus as Corporate Advisor to the Company in the form and context in which it is named. Baron Partners has advised the Company in relation to this Offer and has in that capacity assisted the Company in the preparation of the Prospectus. Baron Partners does not make, nor purport to make, any statement in the Prospectus.

Taylor, Collison Limited has given and has not before lodgement of the Prospectus with the ASC withdrawn its consent to be named as Underwriter of the Offer in connection with the Prospectus in the form and context in which it is named. Taylor, Collison Limited was not involved in the preparation of the Prospectus, have made no statements in the Prospectus and does not authorise or cause the issue of the Prospectus.

For the purpose of Section 1010 of the Corporations Law and despite that it may be referred to elsewhere in the Prospectus, D&D-Tolhurst Ltd was only involved in assisting the Company by commenting on and reviewing drafts of the Prospectus. With regard to data on the operations, prospectivity, prospects and all financial data D&D-Tolhurst Ltd relied solely on the information provided to it by the Company. For the purpose only of Section 1010 of the Corporations Law, D&D-Tolhurst Ltd specifically disclaims liability to any person in respect of any statement included in or information omitted from the Prospectus, other than in respect of the Summary of the Underwriting Agreement in Section 10.8 of the Prospectus. D&D-Tolhurst has not authorised or caused the issue of the Prospectus.

KPMG Registrars Pty Limited has given and as at the date hereof has not withdrawn its consent to be named as the Share Registrar in the form and context in which it is named. KPMG Registrars Pty Ltd has had no involvement in the preparation of any part of this Prospectus other than the recording of its name as Share Registrar to the Company and the design of the application form. KPMG Registrars Pty Ltd has not authorised or caused the issue of, and expressly disclaims and takes no responsibility for, any part of this Prospectus.

### 10.13 MODIFICATIONS TO CORPORATIONS LAW

APPLICATION FOR QUOTATION OF SHARES ISSUED UPON EXERCISE OF OPTIONS

The ASC has granted, pursuant to Section 1084(6) of the Corporations Law, a modification to Section 1031 of the Corporations Law, the effect of which is to exclude the Shares to be allotted and issued upon the exercise of the Options offered by this Prospectus from the operation of Section 1031 of the Corporations Law.

ALLOTMENT AND ISSUE OF SECURITIES

The ASC has granted, pursuant to Section 1084(6) of the Corporations Law, a modification to Section 1021(5) of the Corporations Law requiring the inclusion in the Prospectus of the following statement:

- that, except as mentioned in sub-paragraph (b), no securities will be issued on the basis of the Prospectus
  later than 12 months after the date of issue of the Prospectus; and
- in relation to securities allotted or issued pursuant to the exercise of an Option to subscribe for those securities which was granted on the basis of the Prospectus that the securities will be allotted or issued on the terms and conditions provided for by the Option and, in any event, not more than 14 business days after the receipt of a properly executed exercise notice of exercise of the option and any monies due upon that exercise and that application will be made for quotation of those securities within 10 business days after the date of allotment or issue of those securities.

### 11 DIRECTORS' STATEMENT

The Directors have authorised and caused the issue of this Prospectus and accept responsibility for the information contained in this document. To the best of the knowledge and belief of the Directors (who have taken all reasonable care to ensure that such is the case) the information contained in this Prospectus is in accordance with the facts and does not omit anything which is likely to affect the prospects of Desertex or the value of the assets of Desertex except as disclosed in this Prospectus

Dated 2 April,1997

Anthony John Hosking

Richard Clement Fitzhardinge Tiley

Francis Creagh O'Connor

### ABBREVIATIONS AND DEFINITIONS

In this Prospectus, the following terms have the following meanings wherever the context permits:

"5" Australian dollar.

"Advisor Options" options to acquire Shares at 30 cents exerciseable at any time and expiring on 1 March

2002.

"AGSO" Australian Geological Survey Organisation.

"Allotment Date" 27 May 1997 or such earlier or later date as may be determined by the Directors from

time to time, in accordance with the terms of the Underwriting Agreement.

"Application Form" the application form which is attached to and forms part of this Prospectus in relation

to the subscription of the Shares and Options.

"Application Monies" the monies required to be lodged with an Application Form, being an amount of 20

cents per Share applied for.

"ASC" the Australian Securities Commission.

"ASX" Australian Stock Exchange Limited (ACN 008 624 691).

"Business Day" any day upon which the ASX is open for and conducts its normal operations.

"Closing Date" 23 May 1997 or such earlier or later date as may be determined by the Directors from

time to time, in accordance with the terms of the Underwriting Agreement being a date after minimum subscription has been subscribed for and received by the Company.

"Company" or "Desertex" Desertex N.L. (ACN 072 023 351).

"Corporations Law" has the meaning given to it by Part 3 of the Corporations Act 1989 and reference to the

Corporations Law has the effect given to it by section 13 of Part 3 of that Act.

"CLC" Central Land Council.

"Deed for Exploration" the deed for exploration dated 20 September 1996 between the CLC and Gresco.

"Director Options" options to acquire Shares at 40 cents exerciseable at any time and expiring on 1 March

**200**2.

"Directors" or "Board" the directors from time to time of the Company.

"Executive Directors" the Directors named as executive directors in Section 4 of the Prospectus.

"Existing Shares" the Shares on issue at the date of this Prospectus.

"Existing Shareholders" holders of the Existing Shares.

"Exploratio :: Licences" exploration licences numbered 8385, 8386, 8387, 8544, 8950 and 8951 issued under the

Mining Act (NT).

"Gresco" Gresco Nominees Ptv. Limited (ACN 002 004 275).

"Issue" the offer, pursuant to this Prospectus, of 20,000,000 Shares at an issue price of 20 cent-

per Share payable in full on application, together with one free Option on a one for two

basis, to raise \$4,000,000

"Listing Rules" the official listing rules of ASX.

"Offer" the Issue.

"Official List" the official list of ASX

"Official Quotation" official quotation of the Company's issued Shares by ASX.

"Opening Date" 23 April 1997 or such earlier or later date as agreed by the Underwriter and the

Company in accordance with the terms of the Underwriting Agreement.

"Optionholder" the holder for the time being of any of the Options.

"Options" options offered pursuant to the Prospectus to acquire Shares at 25 cents exerciseable at any time and expiring on 1 April 2002.

"Option Exercise Form" means the form, to be completed, in accordance with provisions of an Option, in order to effect an exercise of that Option.

"Promoter Options" options to acquire Shares at 30 cents exerciseable at any time and expiring on 1 March 2002.

"Prospectus" this prospectus.

"RAB" rotary air blast.

reverse circulation.

"Seed Capital Provider

Options" options to acquire Shares at 30 cents exerciseable at any time and expiring on 1 March 2002.

"Share" a fully paid ordinary voting share of 20 cents par value in the capital of the Company.

"Shareholder" the holder for the time being of any Shares.

"Shareholder" the holder for the time being of any Shares.

"Traditional Owners" has the meaning ascribed to the term "traditional Aboriginal owners" in the Aboriginal

Land Rights (Northern Territory) Act, 1976.

"Underwriters" Taylor, Collison Limited (ACN 008 172 450) and D&D-Tolhurst Ltd (ACN 004 456 053).

"Underwriting Agreement" the underwriting agreement dated 2 April 1997 between the Underwriters and the Company.

"RC"

### PIN CHEQUES HERE DO NOT STAPLE

### DESERTEX NL

A.C.N. 072 023 351

### PUBLIC SHARE OFFER

Suare Kediztratz rize OulA	
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•	;

Broker Reference - Stamp On	dу
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APPLICATION FORM To meet the requirements of the Corporations Law, this Application Form must not be handed on unless attached to the prospectus. Broker Code Advisor Code PLEASE READ ALL INSTRUCTIONS ON THE REVERSE OF THIS FORM. I/We apply for Shares in Desertex NL | at A\$0.20 per share | and attached options on a one for two basis or such lesser number of shares and options which may be allocated to me/us by the Directors. I/We lodge full application monies Full name (PLEASE PRINT) Title, Given Name(s) & Surname or Company Name Joint Applicant #2 or <designated account> Joint Applicant #3 or <designated account> Postal Address (PLEASE PRINT) Street Number Street State PostCode | Suburb/Town Telephone Number - Business Hours Contact Name Telephone Number - After Hours CHESS HIN (where applicable) Applicant #3 Tax File Number or Exemption Applicant #2 Cheque Details Drawer BSB Amount of Cheque Branch Bank

I/We declare that this application is completed according to the declaration/appropriate statement on the reverse of this form and agree to be bound by the Memorandum and Articles of Association of Desertex NL.

Returning the Application Form with your cheque for the application monies will constitute your offer to subscribe for Shares and Options in the Company

NO SIGNATURE IS REQUIRED

You should read the prospectus carefully before completing this Application Form

#### HOW TO COMPLETE THE APPLICATION FORM

#### Please complete all relevant sections of the Application Form using BLOCK LETTERS

- A) Enter the NUMBER OF SHARES you wish to apply for. Applications must be for the minimum of 10,000 as set down on page XX of the prospectus and thereafter in multiples of 1000. Free attaching options will be issued on a one for two basis.
- B) Enter the TOTAL AMOUNT of application money payable.

  To calculate the amount multiply the number of shares applied for by the amount per share.
- C) Enter the FULL NAME(s) and TITLE(s) of all legal entities that are to be recorded as the registered holder(s). Refer to the Name Standards below for guidance on valid registration.
- D) Enter the POSTAL ADDRESS for all communications from the company. Only one address can be recorded.
- E) Enter telephone numbers and a contact person the registry can speak to if they have any queries regarding this application.
- F) If you are sponsored in CHESS by a stockbroker or other CHESS participant enter you Holder Identification Number (HIN).
- G) Enter the tax file number(s) of the applicants. With a joint holding, only the tax file numbers of two holders are required
- H) Payment must be made in Australian Currency and cheques must be drawn on an Australian Bank.
  - Cheques or bank drafts must be payable to DESERTEX NL SHARE OFFER and crossed Not Negotiable. Cheques not properly drawn will be rejected.
  - Cheques will generally be deposited on the day of receipt. If cheques are dishonoured the application my be rejected.
- Before completing the Application Form the applicant(s) read the Prospectus, to which the application relates. The applicant(s) agree(s) that this application is for shares and options in Desertex NL upon and subject to the terms of the Prospectus, agree(s) to take any number of Shares equal to or less than the number of Shares indicated in Box A that may be allotted to the applicant(s) pursuant to the Prospectus and declare(s) that all details and statements made are complete and accurate, it is not necessary to sign the Application form

#### Forward your completed application together with the application money to:

Described NL

c MG Registrars Pty Ltd

C Ox 1903

A de SA 5001

Described NL

C/- KPMG Registrars Pty Ltd

Level 11

115 Grenfell Street

Adelaide SA 5000

Applications must be received by no later than 5:00pm xxxxx Time on Day and Date

#### Name Standards

- Only i sal entities may be registered as the holders of securities.
- The full and correct name of each entity must be shown.
- Salutations such as MR, MRS & MS should be included.
- Securities cannot be registered in the name of a trust and no trust can be impried.
- Secure a should not be registered in the name of a minor or a deceased person.
- An account designation can be included. If shown, it must be contained within one line
  and within the "O" symbols. The last word of the designation must be ACCOUNT or A/C.

े <u>ा of Investor</u>	Correct Form of Registration	Incorrect Form of Registration
idual Use given names in full, not initials	Mr John Alfred Smith	VA Smith
Company Use the company's full little not abbreviations	ABC Pty Ltd	ASC P/L or ABC Co.
Joint Holdings Use full and complete names	Mr Peter Robert Williams & Ms Louise Susan Williams	Peter Robert & Louise S Williams
Trusts Use the trustee(s) personal name(s)	Mrs Susan Jane Smith <sue a="" c="" family="" smith=""></sue>	Sue Smith Family Trust
Deceased Estates Use the executor(s) personal name(s)	Ms Jane Mary Smith & Mr Frank William Smith <est a="" c="" john="" smith=""></est>	Estate d'étate John Smith or John Smith Decensed
Minor (a person under the age of 18) Use the name of a responsible adult with an appropriate designation	Mr John Alfred Smith <peter a="" c="" smith=""></peter>	Master Peter Snikh
Partnerships Use the partners personal names	Mr John Robert Smith & Mr Michael John Smith <john a="" and="" c="" smith="" son=""></john>	John Smith and Jon
Long Names.	Mr John William Alexander Robertson-Smith	Mr John V A Roberts in-Smith
Clubs/Unincorporated Bodies/Business Names	Mr Michael Peter Smith	ABC Zinnis Association
Use office bearer(s) personal name(s)	<abc a="" association="" c="" tennis=""></abc>	
Superannuation Funds	Jane Smith Pty Ltd	The Smith Family Pty Ltd Su-grannuation
Use the name of the trustee of the fund	<super a="" c="" fund=""></super>	F/hd

Analabs Pty. Ltd. : AD017346 ACN 004 591 664 Our reference : 00901/3 16 Sunbeam Road, Glynde Your reference South Australia 5070 Project code Date received 18/08/97 Telephone: (08) 8336 5099 : 22/09/97 Facsimile: (08) 8336 5564 Date reported DESERT-EX P.O. BOX 39220 WINNELLIE 뫢 • NT 0821 Number of pages of results Number of Samples First Sample : 15 : 224 : 27751 : 27806 Last Sample Electronic Data Transmission: Invoice to: Modem Facsimile Disk Report DESERT-EX 21 SALISBURY ST Preliminary Reports: 15/09/97 Report UNLEY 5061 SA Results to: Results to: Remarks: Authorised by. On behalf of:

David Nelson

Laboratory Manager

Our referènce

Your reference
Project code
Report date
Report Number
Report status
Page

: AD017346 : 00901/3

22/09/97 : 00002560 Final 1 of 15

Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

Sample	Cu	Pb	Zn	Ag	Ni	C <sub>0</sub>
27751 27752 27753 27754 27755	20 16 18 30 9	28 <3 16 13 25	60 7 46 78 6	*<1 <1 <1 <1 <-1	13 <3 6 32 18	<2 9 6 14 20
27756 27757 27758 27759 27760	54 22 55 27 153	41 7 115 17 35	51 6 71 69 47	<1 <1 <1 <1 1	9 6 17 19 8	<2 5 <2 8 9
27761 27762 27763 27764 27765	17 77 15 19 56	5 <3 8 <3 25	49 18 9 50 77	<1 <1 <1 <1 <1	17 13 8 21 45	6 8 <2 11 19
27766 27767 27768 27769 27770	15 97 14 137 21	<3 <3 23 55 5	7 77 8 153 47	<1 <1 <1 <1	5 41 12 38 16	<2 10 <2 15 6
27771 27772 27773 27774 27801	18 12 17 166 13	8 <3 <3 <5	19 10 51 17 6	<1 <1 <1 <1	7 6 28 67 8	<2 <2 11 14 <2
27802 27803 27804 27807 27808	26 16 25 13 15	7 14 24 11 14	8 9 8 7 10	<1 <1 <1 <1 <1	8 9 18 9 8	<2 <2 13 14 8
27809 27810 27811 27812 27813	12 12 25 13 26	10 14 6 9 5	5 8 14 10 17	<1 <1 <1 <1	<3 6 13 10 14	<2 <2 16 11 <2
27814 27815 27816 27817 27818	10 26 14 16 16	5 25 13 9 11	11 10 7 6 7	<1 <1 <1 <1 <1	10 18 6 9 10	<2 16 <2 <2 9
27819 27820 27821 27822 27823	15 7 17 6 6	10 <3 10 <3 <3	12 5 12 .8 .6	<1 <1 <1 <1 <1	5 <3 <3 <3	5 <2 <2 <2 <2
7 7 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 12 18 17 14	12 46 24 24 29	5 8 8 10 8	<1 <1 <1 <1 <1	<3 <3 <3 <3	<2 10 11 9 11
Method Units Detection Limit	GA140 ppm 2	GA140 ppm 3	GA140 ppm 2	GA140 ppm	1	GA140 ppm 2

: AD017346 : 00901/3

: 22/09/97 : 00002560 : Final : 2 of 15 Analabs Pty. Ltd.
ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099
Facsimile: (08) 8336 5564

	<del></del>	<del></del>	<del></del>	<del></del>		
Sample	Cu	Pb	Zn	Ag	.Ni	Co.
27829 27830 27831 27832 27833	16 12 11 12 13	18 17 13 23 17	8 8 9 6 5	<1 <1 <1 <1	5 <3 <3 <3	11 <2 <2 <2 <2
27834 27835 27836 27837 27838	16 9 15 11 13	35 9 19 18 35	12 6 11 7 7	<1 <1 <1 <1	<3 <3 <3 <3	13 <2 <2 12 8
27839 27840 27841 27842 27843	15 12 10 32 27	21 11 14 21 13	9 9 8 28 13	<1 <1 <1 <1 <1	<3 <3 <3 · 14 5	6 6 <2 13 10
27844 27845 27846 27847 27848	11 13 18 14 19	15 18 19 15 23	8 10 10 9 11	<1 <1 <1 <1 <1	<3 <3 <3 <3 <3	6 <2 <2 <2 <2
27849 27850 27851 27852 27853	26 20 18 13 16	17 29 29 24	17 12 8 6 7	<1 <1 <1 <1 <1	13 <3 5 <3 <3	18 5 <2 7 <2
27854 27855 27856 27857 27858	13 22 14 14 22	34 29 42 42 32	9 10 8 7 14	<1 <1 <1 <1	<3 <3 <3 15 9	<2 12 8 <2 9
27859 27860 27861 27862 27863	10	23 41 17 6 <3	13 15 12 8 2	<1 <1 <1 <1 <1.	10 <3 13 9	9 18 <2 <2 <2
2786 2786 2786 2786 2786	20	<3 <3 <3 18 16	2 2 6 10 9	<1 <1 <1 <1	6 8 8 11 <3	<2 <2 <2 6 7
2786 2787 2787 2787 2787	15 12 11 12 12 13	9 39 23 13 22	9 6 7 6 9	<1 <1 <1 <1 <1	7 <3 <3 5 <3	7 <2 <2 <2 9
2787 2787 2787 2787 2787	13 10 5 7 7 19 13	18 <3 12 12 14	5 6 9 13 8	<1 <1 <1 <1 <1	8 7 6 12 7	13 <2 <2 <8 <2
Metho Unit Detection Lim	d GA 140 s ppm t 2	GA140 ppm 3			GA 140. ppm 3	GA140 ppm 2

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: 22/09/97 : 00002560

Final 3 of 15

Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

#### **ANALYTICAL DATA**

 		•				
 Sample	Cu	Pb	Zn	Ag	- Ni	Co
27879 27880 27881 27882 27883	17 19 12 10 14	17 20 16 12 17	9 8 7 7 7	≤1 <1 <1 <1	6 14 <3 <3 5	10 12 3 <2 <2 9
27884 27885 27886 27887 27888	10 11 11 L.N.R. 16	11 9 6 L.N.R. 13	6 6 6 L.N.R. 8	<1 <1 <1 L.N.R. <1	<3 <3 <3 L.N.R. 9	<2 7 <2 L.N.R. 9
27889 27890 27891 27892 27893	12 10 19 13 10	17 8 7 9 10	8 5 9 7	<1 <1 <1 <1 <1	<3 <3 7 7 6	  
27894 27895 27896 27897 27898	17 33 14 27 27	8 19 27 39 30	9 15 8 20 16	<1 <1 <1 <1 <1	5 6 6 15 13	7 <2 <2 12 11
27899 27900 27901 27902 27903	27 16 15 14 11	23 8 13 10 9	13 9 6 6 6	<1 <1 <1 <1	15 10 7 7 8	13 <2 <2 <2 7
27904 27905 27906 27907 27908	17 50 15 19 365	22 15 <3 28 5	20 38 12 17 16	<1 <1 <1 <1 <1	8 19 11 11 33	8 11 6 8 8
27909 27910 27911 27912 27913	14 14 14 14 18	9 16 11 7 21	8 8 6 11 10	<1 <1 <1 <1 <1	<3 <3 8 6 5	8 14 6 <2 6
27914 27915 27916 27917 27918	15 15 23 111 37	10 10 9 22 18	11 7 25 38 18	<1 <1 <1 <1 <1	5 6 15 27 16	15 <2 6 13 10
27919 27920 27921 27922 27923	18 24 14 18 14	18 <3 <3 17 18	13 32 10 14 10	<1 <1 <1 <1	10 7 5 6 <3	<2 8 6 6 <2
27926 27927 27928	15 33 16 13 52	29 17 13 7 9	12 14 9 6 67	<1 <1 <1 <1 <1	5 19 6 <3 39	8 13 13 12 14
∰ Method	GA140 ppm 2	GA140 ppm 3	GA140 ppm 2		GA140 ppm 3	

: AD017346 ice : 00901/3 : 22/09/97

eport Number : 00002560 eport status : Final age : 4 of 15 Analabs Pty. Ltd.
ACN 004-591-664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336-5099
Facsimile: (08) 8336-5564

# ANALYTICAL DATA

 Sample	Cu	Pb	Zn	Λg	Ni	Co
27929 27930 27931 27932 27933	49 21 15 48 13	8 1 26 9 20 12	42 14 7 33 8	<1 < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 < < 1 <	20 <3 6 27 12	8 <2 18 12
27934 27935 27936 27937 27938	92 17 34 14 36	30 11 28 17 13	127 10 20 8 18	< 1 < 1 < 1 < 1	41 11 10 6 9	266 <2 <2 8 7
27939 27940 27941 27942 27943	27 20 18 6 11	18 18 15 13	13 11 13 9	< 1 < 1 < 1 < 1	8 5 10 8 5	6 10 9 6 10
27944 27945 27946 27947 27948	11 12 12 7 12	10  5  4   	7 9 10 8 9	< I < I < I < I	< 3 < 3 < 3 < 6	<2 7 5 <2 <2
27949 27950 27951 27952 27953	13 13 83 20 19	9 13 12 34 31	11 9 27 11 12	<br <br <br <br </td <td>&lt;3 6 42 6 7</td> <td>&lt;2 &lt;2 10 &lt;2 &lt;2</td>	<3 6 42 6 7	<2 <2 10 <2 <2
27954 27955 27956 27957 27958	12 18 13 29 10	22 19 20 34 16	8 11 7 16 8	< 1 < 1 < 1 < 1	5 14 9 24 5	<2 <2 <2 16 <2
27959 27960 27961 27962 27963	11 7 10 <2 7	18 19 20 <3 19	7 5 6 4 5	< l < l < l < l < l	7 5 8 5 7	<2 <2 <2 <2 <2
27964 27965 27966 27967 27968	12 50 16 15 33	69 45 28 32 27	10 11 11 5 13	<1 <1 <1 <1 <1	<3 <3 8 8	<2 <2 <2 <2 <2
27969 27970 27971 27972 27973	10 15 8 8 13	26 31 24 28 33	9 12 6 6 10	>	5 6 6 <3 <3	<2 <2 <2 <2 <2
27974 27975 27976 27977 27978	7 5 11 12 15	90 606 24 15 46	4 3 6 5 1()	<1 <1 <1 <1 <1	7 5 7 7 9	<2 <2 <2 <2 7
Method Units Detection Limit	GA 140 ppm 2	GA140 ppin 3	GA140 ppm 2	GA 140 ppm l	GA 140 ppm 3	GA140 ppm 2

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070

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## **ANALYTICAL DATA**

		•				
Sample	Cu	Pb	Zn	Ag	Ni	Со
27929 27930 27931 27932 27933	49 21 15 48 13	8 26 9 20 12	42 14 7 33 8	₹1 <1 <1 <1	20 <3 6 27 12	8 9 <2 18 12
27934	92	30	127	<1	41	266
27935	17	11	10	<1	11	<2
27936	34	28	20	<1	10	<2
27937	14	17	8	<1	6	8
27938	36	13	18	<1	9	7
27939 27940 27941 27942 27943	27 20 18 6 11	18 18 15 13 11	13 11 13 9 9	<1 <1 <1 <1	8 5 10 8 5	6 10 9 6 10
27944 27945 27946 27947 27948	11 12 12 7 12	10 15 14 <3 <3	7 9 10 8 9	<1 <1 <1 <1	<3 <3 <3 6	<2 7 5 <2 <2
27949	13	9	11	<1	<3	<2
27950	13	13	9	<1	6	<2
27951	83	12	27	<1	42	10
27952	20	34	11	<1	6	<2
27953	19	31	12	<1	7	<2
27954	12	22	8	<1	5	<2
27955	18	19	11	<1	14	<2
27956	13	20	7	<1	9	<2
27957	29	34	16	<1	24	16
27958	10	16	8	<1	5	<2
27959	1I	18	7	<1	7	<2
27960	7	19	5	<1	5	<2
27961	10	20	6	<1	8	<2
27962	<2	<3	4	<1	5	<2
27963	7	19	5	<1	7	<2
27964 27965 27966 27967 27968	12 50 16 15 33	69 45 28 32 27	10 11 11 5 13	<1 <1 <1 <1 <1	<3 <3 8 8	<2 <2 <2 <2 <2
27969	10	26	9	<1	5	<2
27970	15	31	12	<1	6	<2
27971	8	24	6	<1	6	<2
27972	8	28	6	<1	<3	<2
27973	13	33	10	<1	<3	<2
27974	7	90	4	<1	7	<2
27975	5	606	3	<1	5	<2
27976	11	24	6	<1	7	<2
27977	12	15	5	<1	7	<2
27978	15	46	10	<1	9	7
Method	GA140	GA140	GA140	GA140	GA140	GA140
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	3	2	1	3	2

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South Australia 5070
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 	<del></del>	<del></del>	<del> </del>	<del></del>		
 Sample	Cu	Pb	Zn	Ag	Ni	Co
27979 27980 27981 27982 27983	24 16 17 30 9	36 27 31 58 31	13 9 11 11 8	<1 <1 <1 <1 <1	11 9 18 25 9	<2 <2 6 24 <2
27984 27985 27986 27987 27988	14 18 22 15 16	25 24 27 18 25	11 11 12 9	<1 <1 <1 <1	10 14 19 13 12	<2 <2 <2 <2 13
27989 27990 27991 27992 27993	7 10 8 8 9	11 9 15 16 17	5 7 6 11 8	<1 <1 <1 <1	<3 <3 <3 5 13	<2 <2 <2 <6 9
27994 27995 27996 27997 27998	8 9 9 10	6 19 15 11 25	5 7 10 3 6	<1 <1 <1 <1	9 10 10 8 <3	<2 8 10 <2 6
27999 28000 27805 27806	10 12 24 16	33 19 15 14	6 7 11 8	<1 <1 <1 <1	<3 <3 13 9	<2 <2 6 7

Method	GA140	GA140	GA140	GA140 : ppm 1	GA140	GA140
Units	ppm	ppm	ppm		ppm	ppm
Detection Limit	2	3	2		3	2

r reference Your reference Project code Project date Port Number Il port status Page

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South Australia 5070
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# ANALYTICAL DATA

Sample	Δ11	Au:R	Au:S	Fe	Mn
Sample 27751 27752 27753 27754 27755	Au	<1   		2:08 0.37 1.99 3.59 1.23	225 72 154 570 2547
27756 27757 27758 27759 27760	<1 <1 <1 <1	 <1 		24.6 3.30 34.1 2.87 15.3	318 99 437 214 91
27761 27762 27763 27764 27765	<1 <1 <1 <1	  	  	2.24 14.0 2.68 2.58 17.4	218 70 49 · 134 153
27766 27767 27768 27769 27770	<1 <1 <1 <1		  <1	0.32 10.6 0.63 32.7 2.40	94 330 60 137 103
27771 27772 27773 27774 27801	<1 <1 <1 <1	  	  	7.12 7.64 1.88 1.67 4.00	55 42 130 181 73
27802 27803 27804 27807 27808	<1 <1 <1 <1		  	6.48 9.65 9.82 11.6 8.23	77 138 274 111 184
27809 27810 27811 27812 27813	<1 <1 <1 <1 <1	1 1 1 1		6.26 7.97 4.99 4.80 4.65	154 110 139 141 142
27814 27815 27816 27817 27818	<1 <1 <1 <1 <1		   <1	4.33 10.7 13.5 11.3 8.72	83 268 105 121 197
27819 27820 27821 27822 27823	<1 <1 <1 <1		  	12.3 5.69 16.7 4.55 2.74	94 159 232 70 27
27824 27825 27826 27827 27828	<1 <1 <1 <1		  	0.95 27.3 22.0 15.2 25.1	85. 174 128 385 175
Method Units Detection Limit	GG336 ppb	GG336 ppb	GG336 ppb 1	GA140 % 0.01	GA140 ppm 3

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

#### **ANALYTICAL DATA**

			·			
	Sample -	Au	Au:R	Au:S	Fe	Mn
	27829 27830 27831 27832 27833	<1 <1 <1 <1	 <1 		16:6 16.9 16.7 17.4 16.5	102 131 83 86 59
	27834 27835 27836 27837 27838	<1 <1 <1 <1 <1		  <1	18.4 4.81 13.2 17.2 26.3	202 80 113 96 89
	27839 27840 27841 27842 27843	<1 <1 <1 <1		  	19.7 19.6 17.8 14.0 26.0	209 326 81 245 121
	27844 27845 27846 27847 27848	<1 <1 <1 <1	<1 		24.3 23.8 26.0 23.3 25.8	67 68 59 102 536
	27849 27850 27851 27852 27853	<1 <1 <1 <1 <1	·		17.2 11.5 32.6 24.9 24.9	1328 239 161 152 56
ر تا المها	27854 27855 27856 27857 27858	<1 <1 <1 <1	<1 <1 	  < I	23.7 27.0 31.8 27.3 16.7	232 269 126 196 182
<b>医</b>	27859 27860 27861 27862 27863	<1 <1 <1 <1 <1	  		25.6 24.0 27.0 6.77 1.46	211 291 166 75 35
	27864 27865 27866 27867 27868	<1 <1 <1 <1 <1			0.52 0.93 8.15 19.2 23.6	21 22 115 186 99
\$16°	27869 27870 27871 27872 27873	<1 <1 <1 <1 <1		1 1 1 1	19.5 23.2 16.9 10.9 21.9	125 78 82 383 156
	27874 27875 27876 27877 27878	<1 <1 <1 <1 <1		<1	7.52 10.4 25.8 10.1 13.4	433 243 142 173 93
	Method Units Detection Limit	GG336 ppb 1	GG336 ppb 1	GG336 ppb 1	GA140 % 0.01	GA140 ppm 3

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ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
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## ANALYTICAL DATA

<u> </u>	<del></del>			· · · · · · · · · · · · · · · · · · ·	
Sample	Au	Au:R	Au;S	Fe	Mn
27879 27880 27881 27882 27883	<1 <1 <1	 	  	19:8 19.0 19.8 15.5 22.2	117 378 114 116 121
27884 27885 27886 27887 27888	<1 <1 L.N.R.	L.N.R.	L.N.R.	17.7 19.3 13.0 L.N.R. 26.3	61 95 140 L.N.R. 270
27889 27890 27891 27892 27893		  1		17.6 12.7 19.6 21.8 17.2	87 69 80 67 102
27894 27895 27896 27897 27898	<1 <1 1	  	   <1	18.2 27.3 19.5 19.4 15.7	73 346 942 1617 826
27899 27900 27901 27902 27903		·  6	   6	15.6 13.3 12.5 9.98 5.55	760 251 93 149 87
27904 27905 27906 27907 27908	5   <1 5   <1 7   <1	  		13.7 11.5 1.42 12.6 30.4	266 437 152 162 420
27909 27910 2791 2791 2791	<pre></pre>	   <1		17.5 24.5 13.6 19.1 22.4	126 102 142 79 283
2791 2791 2791 2791 2791	4 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	<Ī	   <1	22.2 19.9 13.4 27.6 19.8	111 102 195 268 186
2791 2792 2792 2792 2792 2792	9 0 1 1 2 3 3			13.8 28.9 23.1 26.0 24.1	128 119 121 126 101
2792 2792 2792 2792 2792	4 5 6 7 7 8 1			27.7 29.8 30.3 43.9 17.4	862 266 172 65 - 141
Metho Uni Detection Lim	d GG336 ts ppb it 1	GG336 ppb	GG336.	W. W. GA140	GA140

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ACN 004 591 664
16 Sunbeam Road, Glynde
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#### ANALYTICAL DATA

			•			
	Sample	Au	Au:R	Au:S	Fe	Mn
	27929 27930 27931 27932 27933	<1 <1 <1 <1	2		35#8 32.5 5.46 17.7 7.88	141 62 281 266 106
	27934 27935 27936 27937 27938	<1 <1 <1 <1		  <1	17.3 7.06 27.2 14.4 18.2	3.72% 141 107 214 204
	27939 27940 27941 27942 27943	<1 <1 <1 <1	<1 <1 	 	24.7 27.2 30.1 24.8 19.3	155 129 111 · 124 57
<b>Service</b>	27944 27945 27946 27947 27948	<1 <1 <1 <1 <1	  		14.5 19.4 19.6 13.2 13.9	47 192 71 63 63
· · · · · · · · · · · · · · · · · · ·	27949 27950 27951 27952 27953	<1 <1 <1 <1 <1	 		14.5 18.1 33.7 36.9 31.6	91 244 458 142 155
\$50."J	27954 27955 27956 27957 27958	<1 <1 <1 <1	<1	   <1	19.3 7.55 11.8 16.0 15.0	172 677 310 879 74
一	27959 27960 27961 27962 27963	<1 <1 <1 <1 <1			15.9 13.8 9.54 1.71 4.97	123 72 131 44 99
<b>F</b>	27964 27965 27966 27967 27968	<1 <1 <1 <1 <1		1 1 1 1	27.6 8.32 18.4 5.38 11.7	95 89 70 51 89
	27969 27970 27971 27972 27973	<1 <1 <1 <1		1 1 1 1	25.4 22.8 13.7 32.3 24.9	84 177 126 132 123
	27974 27975 27976 27977 27978	<1 <1 <1 <1 1	  	  <1	5.59 2.67 11.5 5.68 11.4	277 64 284 293 768
	Method Units Detection Limit Upper Method	GG336 ppb	GG336 ppb 1	GG336 ppb:: 1	GA140 % 0.01	GA140 ppm 3

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Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

:1

- 	Sample	Au	Au:R	Au:S	Fe	Mn
	27979 27980 27981 27982 27983	<1 <1 <1 <1	  <1 		14.2 11.8 11.4 12.6 24.2	440 170 574 2556 128
	27984 27985 27986 27987 27988	<1 <1 <1 <1 <1	 <1 	1 1 1	26.8 13.6 15.5 8.67 13.1	215 326 409 120 131
	27989 27990 27991 27992 27993	<1 <1 <1 <1		  	15.3 18.2 17.2 14.1 4.91	65 92 72 56 329
	27994 27995 27996 27997 27998	<1 <1 <1 <1	 	  <1	5.54 7.80 3.38 0.47 13.2	113 342 389 55 189
	27999 28000 27805 27806	<1 <1 <1 <1	` 		23.6 15.4 17.2 10.2	236 319 138 214

Method Units	GG336	GG336	GG336	GA140 GA140 ppm
Detection Limit			[F/1]	0.01% (A. A. W. O.01% (A. A. A

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ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
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## ANALYTICAL DATA

			•
	Sample	As	Bi
	27751 27752 27753 27754 27755	<1 <1 <1 <1	<1 <1 <1 <1
	27756 27757 27758 27759 27760	9 <1 <1 <1 8	2 1 <1 <1 2
	27761 27762 27763 27764 27765	<1 <1 <1 <1	<1 <1 <1 <1 2
	27766 27767 27768 27769 27770	<1 <1 54 2 <1	<pre>&lt; 1</pre>
	27771 27772 27773 27774 27801	4 <1 <1 <1 5	1 1 2 1 2
	27802 27803 27804 27807 27808	13 12 17 12 8	1 <1 1 1
	27809 27810 27811 27812 27813	8 9 14 9 17	<1 1 1 2
	27814 27815 27816 27817 27818	8 19 10 10 14	<1 1 2 1
	27819 27820 27821 27822 27823	22 8 26 6 6	<1 <1 <1 <1 <1
	27824 27825 27826 27827 27828	13 13 15 16 14	<1 <1 <1 <1 <1
Detec	Method Units tion Limit	HA140 ppm 1	HA140 ppm 1

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1:

			•
	Sample	As	Bi
	27829 27830 27831 27832 27833	16 21 14 14 14	<1 <1 <1 1
	27834 27835 27836 27837 27838	30 7 12 10 15	<pre></pre>
	27839 27840 27841 27842 27843	16 12 12 17 11	<1 <1 <1 <1
	27844	19	<1
	27845	22	<1
	27846	30	5
	27847	18	2
	27848	15	3
	27849	18	. 2
	27850	15	2
	27851	15	1
	27852	14	<1
	27853	14	<1
100	27854	13	<1
	27855	18	<1
	27856	11	<1
	27857	14	<1
	27858	22	<1
The same of the sa	27859	23	3
	27860	51	2
	27861	30	<1
	27862	11	<1
	27863	<1	<1
	27864 27865 27866 27867 27868	<1 3 13 12 9	<1 <1 <1 <1
A	27869	13	<1
	27870	13	<1
	27871	23	<1
	27872	4	2
	27873	16	2
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	27874	14	2
	27875	7	2
	27876	11	2
	27877	15	2
	27878	7	2
	Method	HA140	HA140
	Units	ppm	ppm
	Detection Limit	1	1

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ACN 004 591 664
16 Sunbeam Road, Glynde
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#### ANALYTICAL DATA

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	<u></u>	MALIII
Sample	As	Bi
27879 27880 27881 27882 27883	19 17 12 12 11	1 1 1 <1
27884	6	1
27885	9	2
27886	10	1
27887	L.N.R.	L.N.R.
27888	12	1
27889	8	2
27890	5	2
27891	6	2
27892	6	2
27893	23	1
27894	2	3
27895	8	1
27896	15	2
27897	21	2
27898	18	2
27899 27900 27901 27902 27903	16 18 17 9 <1	2 <1 <1 <1
	16 6 <1 12 41	<1 <1 <1 <1
27909	11	5
27910	32	3
27911	16	<1
27912	19	2
27913	29	3
27914	12	2
27915	16	1
27916	11	<1
27917	17	<1
27918	17	<1
27919	24	<1
27920	10	<1
27921	15	<1
27922	9	<1
27923	10	2
27924	26	3
27925	21	<1
27926	15	1
27927	23	3
27928	3	2
Method	HA140	HA140
Units	ppim	ppm
Detection Limit	1	1

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ACN 004 591 664
16 Sunbeam Road, Glynde
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	Sample	As	Bi
	27929 27930 27931 27932 27933	10 5 <1 17 21	2 7 2 <1 <1
	27934 27935 27936 27937 27938	5 10 12 6 21	<1 <1 <1 <1
	27939 27940 27941 27942 27943	18 10 13 29 10	1 2 4 4 2
	27944 27945 27946 27947 27948	10 40 20 14 15	2 3 3 1 2
	.27949 .27950 .27951 .27952 .27953	16 15 2 14 20	<1 <1 <1 <1
	27954 27955 27956 27957 27958	11 11 13 29 15	<1 <1 <1 <1 2
	27959 27960 27961 27962 27963	33 10 10 <1 4	<1 <1 <1 <1
	27964 27965 27966 27967 27968	7 <1 9 <1 5	<1 <1 <1 <1 <1
	27969 27970 27971 27972 27973	5 9 10 12 9	<1 <1 <1 1
	27974 27975 27976 27977 27978	3 <1 13 11 11	<1 <1 <1 <1 <1
Detec	Method Units tion Limit	HA140 ppm	HA140 ppm

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: 22/09/97 : 00002560 : Final : 15 of 15 Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070

Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

#### **ANALYTICAL DATA**

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 		· · · · · · · · · · · · · · · · · · ·
Sample	As	Bi
27979 27980 27981 27982 27983	17 13 11 13 15	<1 <1 <1 <1
27984 27985 27986 27987 27988	10 16 14 15 26	<1 <1 <1 <1
27989 27990 27991 27992 27993	10 12 24 29 8	<1 <1 <1 <1
27994 27995 27996 27997 27998	7 11 5 <1 11	<1 <1 <1 2
27999 28000 27805 - 27806	15 15 20 13	<1 <1 2 1

	Detect	Method	HA140	HA140
		Units	ppm	ppm.
Á	Ly and the least that Detect	_ *** * * * * * * * * * * * * * * * * *		$[\cdot]$ and $[\cdot]$
			1 - 1.7 (Fig. 2003) 1. (1)	[

DESERT-EX 21 SALISBURY ST JNLEY  SA 5061  Number of pages of results : 6 Number of Samples : 100 First Sample : 28001 Last Sample : 28950  Invoice to:  DESERT-EX 21 SALISBURY ST UNLEY  SA 5061	Electronic Data Transmission: Modem / / Facsimile / / Disk Report / / Preliminary Reports: 09/09/97 Report
DESERT-EX 21 SALISBURY ST UNLEY	Electronic Data Transmission:  Modem / / Facsimile / / Disk Report / /
DESERT-EX 21 SALISBURY ST UNLEY	Electronic Data Transmission:  Modem / / Facsimile / / Disk Report / /
21 SALISBURY ST UNLEY	·
SA 5061	
Results to:	
Results to.	
Results to:	
	•
Remarks :	

David Nelson Laboratory Manager

: AD017347 : 00901/4

Pur reference
Our reference
Project code
Report date
Report Number
Report status
Page

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1 of 6 Aualabs Pty. Ltd. ACN 004-591-664

16 Sunbeam Road, Glynde South Australia 5070

Telephone : (08) 8336-5099 Facsimile : (08) 8336-5564

#### ANALYTICAL DATA

Sample	Cu	Pb	Zn	Λg.	Ni Ni	Со
28001 28002 28003 28004 28005	14 12 8 12 8	14 14 9 <3 16	16 20 38 14 13	< I < I < I < I	<3 <3 <3 <6	<2 <2 <2 <2 <2
28006 28007 28008 28009 28010	L.N.R. 10 17 6 8	L.N.R. 23 30 14 25	L.N.R. 14 21 6 4	L.N.R. < ! < ! < ! < !	L.N.R. <3 <3 <3	L.N.R. <2 <2 <2 <2
28011 28012 28013 28014 28015	10 8 50 12 11	9 11 14 <3 <3	8 12 10 6	< ! <br <br </th <th>&lt;3 &lt;3 &lt;3 &lt;3</th> <th>&lt;2 &lt;2 &lt;2 &lt;2 &lt;2</th>	<3 <3 <3 <3	<2 <2 <2 <2 <2
28016 28017 28018 28019 28020	6 21 15 21 27	9 30 9 25 20	6 6 4 10 16	<1 <1 <1 <1	6 6 <3 <3 <3	<2 <2 <2 <2 <2
28021 28022 28023 28024 28025	14 12 12 10 15	\ \ 18 \ <3 \ <3 \ <3	14 14 2 10 6	< ! <br <br </th <th>&lt;3 &lt;3 &lt;3 &lt;3</th> <th>&lt;2 &lt;2 &lt;2 8 &lt;2</th>	<3 <3 <3 <3	<2 <2 <2 8 <2
28026 28027 28028 28029 28030	14 10 14 20 16	14 <3 7 38 16	12 2 6 4 14	<br <br <br </th <th>&lt;3 &lt;3 &lt;3 &lt;3</th> <th>&lt;2 &lt;2 &lt;2 &lt;2 &lt;2</th>	<3 <3 <3 <3	<2 <2 <2 <2 <2
28031 28032 28033 28034 28035	15 72 23 L.N.R. 16	7 11 11 L.N.R. 9	6 20 14 L.N.R. 6	<1 <1 <1 L.N.R. <1	<3 35 <3 L.N.R. 8	<2 <2 <2 L.N.R.
28036 28037 28038 28039 28040	14 12 12 12 13	14 18 11 21 19	8 2 <2 6 6	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
28041 28042 28043 28044 28045	12 73 14 12 69	18 16 14 < 3 < 3	6 50 6 6 84	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<3 135 5 - 3 41	6 <2 <2 <2 <30
28046 28047 28048 28049 28050	28 21 29 27 16	18 7 <3 7 7	16 10 14 8 4	< 1 < 1 < 1 < 1	9 <3 <3 8 <3	10 <2 6 <2 6
Method Units Detection Limit	GA 140 ppm 2	GA 140 ppm 3	GA 140 ppm 2	GA 14() ppm 1	GA140 ppm 3	GA 140 ppm 2

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070

Telephone: (08) 8336-5099 Facsimile: (08) 8336-5564

Sample	Cu :	 Pb ¦	Zn	Λg	Ni	Co
28901 28902 28903 28904 28905	12 14 22 14 17	7 <3 32 9 11	1 < 2 12 8 8		<3 <3 <3 <3 <3	10 6 6 6
28906 28907 28908 28909 28910	20 18 14 16 26	7 14 16 14 28	4 12 10 12 12	<1 <1 <1 <1 <1	<3 <3 <3 <3	< 2 6 6 6 26
28911 28912 28913 28914 28915	23 17 30 20 28	29 20 18 <3 33	10 18 18 8 23	< 1 < 1 < 1 < 1 < 1	<3 <3 12 5 10	<2 <2 <2 <2 <2
28916 28917 28918 28919 28920	10 10 8 16 14	16 <3 21 7 18	6 2 2 2 6	<br <br <br </td <td>&lt;3 &lt;3 &lt;3 &lt;3</td> <td>&lt;2 &lt;2 &lt;2 &lt;2 &lt;2</td>	<3 <3 <3 <3	<2 <2 <2 <2 <2
28921 28922 28923 28924 28925	12 18 19 29 14	12 21 7 25 <3	2 8 14 12	<1 <1 <1 <1	<3 5 <3 12 <3	<2 8 12 8
28926 28927 28928 28929 28930	10 14 14 10 14	12 9 11 23 19	4 <2 6 2 6	<1 <1 <1 <1	<3 <3 <3 <3 <3	<2 <2 <2 <2 <2
28931 28932 28933 28934 28935	12 14 14 48 22	16 21 <3 16 43	6 <2 2 8 38	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
28936 28937 28938 28939 28940	17 16 57 25 10	9 11 19 <3 6	17 21 27 30 10	< I < I < I < I < I	<3 <3 <3 <3 <3	<2 <2 <2 <2 6
28941 28942 28943 28944 28945	14 10 10 18 25	<3 13 11 8 20	12 13 10 16 11	<br <br </td <td>&lt;3 &lt;3 &lt;3 &lt;6</td> <td>&lt;2 &lt;2 &lt;2 &lt;2 8</td>	<3 <3 <3 <6	<2 <2 <2 <2 8
28946 28947 28948 28949 28950	17 34 33 14 L.N.R.	<3 15 11 13 L.N.R.	12 23 8 L.N.R.	<1 <1 <1 <1 L.N.R.	<3 <3 8 <3 L.N.R.	6 <2 <2 <2 L.N.R.
Method Units Detection Limit	GA 140 ppm 2	GA 140 ppm 3	GA 140 ppm 2	GA 140 ppm l	GA 140 ppm 3	GA140 ppm 2

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u 3 of - 6 Analabs Pty. Ltd.
ACN 004-591-664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336-5564

Sample	Au	Au:R	Au;S	Fe	Mn
28001 28002 28003 28004 28005	< l	   < 1	· · ·	29.2 21.8 21.6 28.1 20.6	182 195 136 256 221
28006 28007 28008 28009 28010	L.N.R. < I < I < I	L.N.R.	L.N.R.	L.N.R. 19.8 23.8 20.8 18.0	L.N.R. 132 179 119 181
28011 28012 28013 28014 28015	<   	< I	 	28.9 24.6 18.5 11.9 16.0	123 132 98 60 101
28016 28017 28018 28019 28020	1	  	  <]	20.0 24.9 23.8 22.9 26.1	97 662 379 474 348
28021 28022 28023 28024 28025	<1 <1 <1 <1	  		27.0 26.3 25.7 19.0 22.5	232 172 142 142 102
28026 28027 28028 28029 28030	<br <br <br </td <td> &lt;1   </td> <td>     </td> <td>27.8 23.8 14.9 32.0 25.2</td> <td>136 102 103 200 111</td>	 <1 	 	27.8 23.8 14.9 32.0 25.2	136 102 103 200 111
28031 28032 28033 28034 28035	<1 <1 <1 L.N.R. <1	L.N.R.	L.N.R.	30.7 28.2 25.1 L.N.R. 22.4	125 154 120 L.N.R. 129
28036 28037 28038 28039 28040	<1 <1 <1 <1 <1	   <1	  < 1	20.9 24.8 17.6 23.4 22.8	127 141 101 110 187
28041 28042 28043 28044 28045	< l < l < l < l < i	  		28.1 34.5 18.4 15.8 30.0	109 327 97 101 288
28046 28047 28048 28049 28050	1 > 1 > 1 > 1 > 1 > 1 > 1 > 1 > 1 > 1 >			24.3 22.7 28.2 27.7 24.1	169 140 130 128 173
Method Units Detection Limit	GG336 ppb l	GG336 ppb l	GG336 թթե 1	GA140 % 0.01	GA140 ppm 3

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Analabs Pty, Ltd.
ACN 004-591-664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336-5099

Telephone : (08) 8336-5099 Facsimile : (08) 8336-5564

<b>)</b> ,			1		1	1
<u> </u>	Sample	Λιι	Au:R	Au:S	Fe	Min
	28901 28902 28903 28904 28905	< 1 < 1 < 1 < 1 < 1	   	   	10.1 1.00 23.7 19.8 26.4	228 182 237 234 224
	28906 28907 28908 28909 28910	>     >     >     >     >	 	   < 1	21.5 27.2 28.2 19.8 26.0	195 132 159 286 1266
	28911 28912 28913 28914 28915	1 > 1 > 1 > 1 > 1 >	 	  	27.5 21.8 24.8 28.3 22.9	819 166 209 249 326
	28916 28917 28918 28919 28920	<1 <1 <1 <1	< l	  	15.8 25.3 21.9 25.8 23.2	75 138 91 135 187
	28921 28922 28923 28924 28925	< ! < ! < ! < !	 <1 1		28.5 21.9 18.7 18.1 23.2	134 81 179 419 125
	28926 28927 28928 28929 28930	<br <br </th <th>   &lt; I</th> <th>   &lt; 1</th> <th>19.6 18.2 18.4 17.6 19.4</th> <th>124 136 130 101 103</th>	   < I	   < 1	19.6 18.2 18.4 17.6 19.4	124 136 130 101 103
	28931 28932 28933 28934 28935	<br <br <br ! <1	  < !	 	24.7 24.4 22.0 27.0 32.5	131 120 111 91 569
	28936 28937 28938 28939 28940	<br <br <br </th <th>  </th> <th></th> <th>35.2 40.4 25.3 27.7 20.2</th> <th>333 103 89 112 80</th>	  		35.2 40.4 25.3 27.7 20.2	333 103 89 112 80
	28941 28942 28943 28944 28945	<1 <1 <1 <1		 	18.8 22.6 24.5 21.6 24.7	95 128 134 141 257
	28946 28947 28948 28949 28950	< l < l < l L.N.R.	   L.N.R.	L.N.R.	28.9 25.4 28.7 29.8 L.N.R.	277 292 256 97 L.N.R.
	Method Units Detection Limit	GG336 ppb l	GG336 ppb I	GG336 ppb 1	GA140 % 0.01	GA 14() ppm 3

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			•
• • • • • • • • • • • • • • • • • • • •	Sample	As	Bi
	28001 28002 28003 28004 28005	10 14 15 12 8	4 <1 <1 <1
	28006 28007 28008 28009 28010	L.N.R. 8 8 6 8	L.N.R. <1 <1 <1 <1
	28011 28012 28013 28014 28015	8 12 2 <1 6	<1 <1 <1 <1 <1
	28016 28017 28018 28019 28020	8 14 12 16 20	<1 <1 <1 <1
	28021 28022 28023 28024 28025	14 12 8 8 4	<1 <1 <1 <1 <1
	28026 28027 28028 28029 28030	12 10 10 12 8	<1 <1 <1 <1 <1
	28031 28032 28033 28034 28035	8 <1 8 L.N.R. 10	<1 <1 <1 L.N.R. <1
	28036 28037 28038 28039 28040	4 10 8 14 6	<1 <1 <1 <1
	28041 28042 28043 28044 28045	10 <1 10 6 10	<1 <1 <1 <1
The second of th	28046 28047 28048 28049 28050	17 21 16 18 6	<1 <1 <1 <1 <1
Dete	Method Units ection Limit	HA140 ppm	HA140 ppm

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

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al 6 of 6 Analabs Pty. Ltd.
ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099
Facsimile: (08) 8336 5564

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ANALYTICAL DATA

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· · · · · · · · · · · · · · · · · · ·	Sample	As	Bi
	28901 28902 28903 28904 28905	6 12 14 23 12	<1 <1 <1 <1
	28906 28907 28908 28909 28910	10 16 14 16 14	<1 <1 <1 <1
	28911 28912 28913 28914 28915	8 10 18 10 20	<1 <1 <1 <1
	28916 28917 28918 28919 28920	8 8 14 8 12	<1 <1 <1 <1 <1
	28921 28922 28923 28924 28925	10 10 12 16 14	, <1 <1 <1 <1
	28926 28927 28928 28929 28930	14 10 4 12 8	<1 <1 <1 <1
panaly a to the control of the contr	28931 28932 28933 28934 28935	8 16 8 8 6	2 <1 <1 <1 <1
	28936 28937 28938 28939 28940	2 6 2 4 8	<1 <1 <1 <1
	28941 28942 28943 28944 28945	4 8 6 8 16	<1 <1 <1 <1
	28946 28947 28948 28949 28950	8 8 8 12 L.N.R.	<1 <1 <1 <1 L.N.R.
Deter	Method Units ction Limit	HA140 ppm 1	HA140 ppm 1

Our reference : AD017345 Your reference : 00901/2 Project code : Date received : 18/08/97 Date reported : 15/09/97			Analahs Pty, Ltd. ACN 004-591-664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08)-8336-5099 Facsimile: (08)-8336-5564
DESERT-EX 21 SALISBURY ST UNLEY			
SA 5061			
Number of pages of results Number of Samples First Sample Last Sample	: 15 : 202 : 16301 : 19765B		
Invoice to:		Electronic Data Transmission : Modem Facsimile	/ / / /
DESERT-EX 21 SALISBURY ST UNLEY		Disk Report	/ / 
SA 5061	     	•	
Results to:	 !		
	, ! !		
Results to:			
	; ;		
Remarks :			
		······································	

David Nelson Laboratory Manager

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: 15/09/97 : 00002490 : Final : 1 of 15 Analabs Pty. Ltd. ACN 004-591-664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336-5099 Facsmile: (08) 8336-5564

# ANALYTICAL DATA

t	1			•	- 1 -	···· ;
Sample	Cu	Pb	Zn	Ag	Ni	Co
16301 16302 16303 16304 16305	26 36 16 16 10	22   <3   33   24   13	8 6 <2 <2 <2	<1 <1 <1 <1	6 6 <3 <3	<2 <2 <2 <2 <2
16306 16307 16308 16309 16310	10 22 12 10 10	23 <3 16 18 13	<2 3() <2 4 <2	<1 <1 <1 <1	<3 <3 <3 <3 <3 <3 <3	<2 <2 <2 <2
16311 16312 16313 16314 16315	14 14 18 8 8	9 15 18 22	3 4 < 2 4	<!   <!   <!   <!   <!   <!   <!  </td <td>&lt;3 6 6 &lt;3 &lt;3</td> <td>6 6 &lt;2 &lt;2 &lt;2</td>	<3 6 6 <3 <3	6 6 <2 <2 <2
16316 16317 16318 16319 16320	12 18 12 54 8	24 24 18 22 27	8 8 4 12 6	< l < ! < ! < !	6 6 <3 6	<2   <2   <2   <2   <2
16321 16322 16323 16324 16325	1() 8 8 8 10	9 11 13 11 22	< 2 2 8 16 6	< I < I < I I	<3 <3 <3 <3	<2 <2 <2 <2 <2 <2
16326 16327 16328 16329 16330	8 30 12 10 10	15 18 14 11 <3	<2 20 8 6 <2	 	<3 <3 <3 <3	<2   <2   <2   <2   <2
16331 16332 16333 16334 16335	18 14 12 18 18	9 <3 <3 <3 9	6 <2 10 6 6		<3 <3 <3 <3 <3	<2 <2 <2 <2 <2
16336 16337 16338 16339 16340	22 8 10	<3   <3   <3   18	· 4 4 4 6 10	<1 <1 <1 <1	<3 <3 <3 <3 <3	<2 <2 <2 <2 <2 <2
16341 16342 16343 16344 16345	14	20 <3 <3 14 24	12 6 4 6 8	<1 <1 <1 <1 <1	<3 <3 <3 <3	<2 6 <2 <2 <2
16346 16347 16348 16349 16350	12 14 16	22 17 <3 12 24	4 2 6 4 6	< l < l < l < l	<3 <3 6 <3 <3	6 <2 <2 <2 <2
Method Units Detection Limi	ppm	1	GA140 ppm 2	GA 140 ppm I	GA 140 ppin 3	GA140 ppin 2

Our reference Your reference Project code

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ACN 004-591-664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336-5099 Facsimile: (08) 8336-5564

Sample	Cu	Pb į	Zn	٨g	Ni	Со
16401 16402 16403 16404 16405	16 12 8 6 14	22 26 <3 <3	2 13 6 4 6	1      	6 6 6 <3 8	< 2 < 2 < 2 < 2 < 2
16406 16407 16408 16409 16410	14 8 12 18 14	<3 <3 14 10 <3	4 6 6 6 2	< I < I < I < I	<3 <3 <3 <3	6 <2 <2 <2 <2
16411 16412 16413 16414 16415	8 12 12 16 8	7 <.3 15 <3 15	10 8 6 2	2 < l < l < 1	6 <3 <3 <3	<2 <2 <2 <2 <2 22
16416 16417 16418 16419 16420	12 8 <2 L.N.R. 4	<3 <3 <3 L.N.R. 21	4 4 <2 L.N.R. 4	<br <br <br L.N.R. </td <td>&lt;3 &lt;3 &lt;3 L.N.R. &lt;3</td> <td>&lt;2 &lt;2 &lt;2 L.N.R. &lt;2</td>	<3 <3 <3 L.N.R. <3	<2 <2 <2 L.N.R. <2
16421 16422 16423 16424 16425	L.N.R. 12 8 4 14	L.N.R.   10   <3   <3   7	L.N.R. 6 <2 4 2	L.N.R. <1 <1 <1	L.N.R. <3 <3 <3	L.N.R. <2 <2 <2 <2
16426 16427 16428 16429 16430	8 10 6 8 8	<3 <3 <7 < 17 < 3 < 3 < 3 < 3 < 3 < 3 < 3 < 3 < 3 <	2 10 4 4 2	>	<3 <3 <3 <3	<2 <2 <2 <2 <2
16431 16432 16433 16434 16435	10 18 39 45 8	7 <3 24 14 <3	4 8 17 23 4	1 > 1 > 1 > 1 > 1 >	<3 <3 8 6 <3	<2 <2 <2 <2 <2
16436 16437 16438 16439 16440	12 12 12 10 16	<3 11 24 26 20	14 12 10 10 8	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16441 16442 16443 16444 16445	16 10 10 8 6	32 24 15 7 15	8 <2 8 10 <2	< I < I < I < I	<3 <3 <3 <3	<2 <2 <2 <2 <2
16446 16447 16448 16449 16450	18 16 10 10 28	24 39 13 9 42	16 8 6 8 12	<br <br <br <br </td <td>8 10 &lt;3 10 24</td> <td>&lt;2 &lt;2 6 8</td>	8 10 <3 10 24	<2 <2 6 8
Method Units Detection Limit	GA 140 ppm 2	GA140 ppm 3	GA140 թթա 2	GA140 թթու	GA 140 ppm 3	GA140 ppm 2

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: 15/09/97 : 00002490 : Final : 3 of 15 Analabs Pty. Ltd.
ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099
Facsimile: (08) 8336 5564

# ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	Ni	Co
16451 16452 16453 16454 16455	8 22 6 8 8	22 42 28 22 17	<2 6 10 6 <2	₹<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2 <2
16456 16457 16458 16459 16460	8 10 10 10 10	33 13 28 13 11	4 10 4 8 <2	<1 <1 <1 <1	8 <3 <3 <3	<2 <2 <2 <2 6
16461 16462 16463 16464 16465	8 12 14 18 14	26 11 7 24 15	10 12 10 10 8	<1 <1 <1 <1 <1	<3 6 10 6 10	<2 <2 <6 <2 <2
16466 16467 16468 16469 16470	18 18 12 14 12	32 16 52 24 32	12 12 6 10 4	<1 <1 <1 <1	8 14 6 6 <3	6 6 <2 6 <2
16471 16472 16473 16474 16475	10 16 10 10 8	31 22 24 37 15	2 6 6 4 4	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16476 16477 16478 16479 16480	20 6 14 17 6	28 34 15 17 16	<2 6 8 6 8	<1 <1 <1 <1	20 6 <3 6 <3	6 <2 <2 <2 <2
16481 16482 16483 16484 16485	8 2 8 16 10	6 <3 <3 10 <3	2 <2 6 12 8	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16486 16487 16488 16489 16490	12 14 18 14 14	8 8 8 <3 <3	4 2 4 4 6	<1 <1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16491 16492 16493 16494 16495	12 10 12 18 12	<3 <3 14 12 8	<2 <2 6 2 <2	<1 <1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16496 16497 16498 16499 16500	34 14 8 16 20	18 34 <3 22 6	12 6 <2 <2 8	<1 <1 <1 <1 <1	<3 <3 10 6	<2 <2 <2 <2 <6
		GA140 ppm 3	GA140 ppm 2	GA140 ppm	T. M 1 - 1 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3	GA140 ppm 2

: AD017345 : **00901**/2

roject code : eport date : 15/09/97 eport Number : 00002490 eport status : Final age : 4 of 15

Analabs Pty. Ltd.
ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099
Facsimile: (08) 8336 5564

# ANALYTICAL DATA

<del></del>		<del>,</del>			<del></del>		
	Sample	Cu	Pb	Zn	Ag	Ni	Co.
	19751 19752 19753 19754 19755	18 12 16 26 18	25 18 8 8 12	4 <2 10 6 8	<1 <1 <1 <1 <1	<pre></pre>	<2 <2 <2 <2 <2
	19756 19757 19758 19759 19760	22 22 40 80 18	12 <3 14 60 19	4 10 12 92 8	<1 · <1 · <1 · <1 · <1 · <1 · <1 · <1 ·	<3 <3 6 10 <3	<2 <2 <2 <2 <2
		14 10 80 14 10	16 59 8 6 28	4 4 59 8 <2	<1 <1 <1 <1	6 6 10 8 8	<2 <2 <2 <2 <2
	19766 19767 19768 19769 19770	34 18 12 24 79	46 38 46 42 70	8 38 <2 34 140	<1 <1 <1 <1	10 8 <3 <3 <3	<2 <2 <2 <2 <2
	19771	51 106 4 24 72	21 12 12 19 <3	182 12 2 12 42	<1 <1 <1 <1	20 8 <3 10 14	<2 <2 <2 <2 <2
	19776 19777 19778 19779 19780	117 10 8 16 14	14 <3 9 <3 11	43 4 14 <2 6	<1 <1 <1 <1 <1	20 <3 <3 <3	<2 <2 <2 <2 <2
	19782 19783 19784	18 26 14 12 12	21 12 <3 <3 16	4 2 10 <2 <2	<1 <1 <1 <1 <1	6 <3 <3 <3	<2 <2 <2 <2 <2
	19788 19789 19790	12 L.N.R. 10 12 6	<3 L.N.R. 9 <3 7	L.N.R. 4 <2 <2	L.N.R. <1 <1 <1	<3 L.N.R. <3 <3 10	L.N.R. <2 <2 <2 <2
The second secon	19794	16 4 33 20 L.N.R.	12 14 30 24 L.N.R.	6 <2 4 6 L.N.R.	<1 <1 <1 <1 L.N.R.	<3 <3 16 10 L.N.R.	<2 <2 <2 <2 L.N.R.
The second secon	19796	12 59 78 19	<3 26 14 11 <3	<2 73 76 8 35	<1 <1 <1 <1 <1	<3 14 36 6 14	<2 6 <2 <2 <2
	Detection Limit	GA140 ppm 2	GA140 ppm 3	GA140 ppm 2	GA140 ppm 1	GA140 ppm 3	GA140 ppm 2

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Sample	Cu	Pb	Zn	Ag	Ni	· · Co
16412B 19765B	16 8	<3 <3	< <sup>4</sup> <2	⇒< 1 < 1	<3 8	<2 <2

		·
to the state of the same of the same of	1. 2.2	
Fending with the Million of the company of the comp	GA140. CA140.	[344.4.GA1404[334.4.GA140][334.4.GA1404[334.4.GA1404]
San Thire in	1 CONTROL OF CORNER	The man of the man live a work than the comment of
Detection	The second secon	
Limit Comment Defection Printer.		
Detection Limit	<b>2</b> ; <b>3</b> ; <b>3</b> ;	

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ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099

Telephone : (08) 8336 5099 Facsimile : (08) 8336 5564

#### ANALYTICAL DATA

Sample	Au	Au:R	Au:S	Fe	Mn
16301 16302 16303 16304 16305	<1 <1 <1 <1	 1  	  	27.7 25.6 23.3 30.1 20.7	217 124 185 211 160
16306 16307 16308 16309 16310	<1 <1 <1 <1	  <1 		29.7 9.16 22.9 28.5 21.6	232 277 97 94 72
16311 16312 16313 16314 16315	<1 <1 <1 <1 <1	  	  	26.6 24.7 24.1 28.9 26.8	204 95 95 96 127
16316 16317 16318 16319 16320	<1 <1 <1 <1 <1		   <1	22.5 23.2 20.9 23.4 17.5	109 210 124 167 81
16321 16322 16323 16324 16325	<1 <1 <1 <1 <1	 <1  	 	23.5 15.8 24.4 17.4 21.0	149 100 232 79 148
16326 16327 16328 16329 16330	<1 <1 <1 <1	  	  	16.9 21.6 17.7 30.0 20.0	119 106 94 138 207
16331 16332 16333 16334 16335	<1 <1 <1 <1 <1			25.4 32.8 26.2 29.7 21.6	91 138 93 154 159
16336 16337 16338 16339 16340	<1 <1 <1 <1 <1	  	   1	27.4 27.8 16.8 24.1 19.3	152 167 150 204 81
16341 16342 16343 16344 16345	1 <1 <1 <1	<1   		19.0 24.2 22.8 25.6 20.1	99 183 105 232 213
16346 16347 16348 16349 16350	<1 <1 <1 <1 <1			29.8 22.2 27.2 29.6 27.6	262 216 167 164 149
Method Units Detection Limit	GG336 ppb	GG336 ppb	GG336 ppb	GA140 % 0.01	100

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Analabs Pty. Ltd.
ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
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## ANALYTICAL DATA

<u></u>		· · · · · · · · · · · · · · · · · · ·			
Sampl	e Au	Au:R	Au:S	Fe	Mn
1640 1640 1640 1640 1640	2 <1 3 <1 4 <1			2 k 8 23.7 20.7 19.8 23.6	175 136 329 72 131
1640 1640 1640 1640 1641	7   <1 8   <1 9   <1		  <1	26.0 21.9 27.2 32.2 25.2	129 225 169 225 116
1641 1641 1641 1641 1641	2 <1 3 <1 4 <1		  	26.8 21.8 24.7 22.7 24.8	141 151 404 • 155 543
1641 1641 1641 1642	.7. <1 .8. <1	L.N.R.	L.N.R.	34.8 20.2 26.1 L.N.R. 31.9	174 118 86 L.N.R. 203
1642 1642 1642 1642 1642	22	L.N.R.	L.N.R.	L.N.R. 18.3 33.6 22.1 22.3	L.N.R. 148 172 217 279
1642 1642 1642 1642 1642	26	<1 <1 <1	  <1	30.1 28.3 22.1 21.0 28.3	155 199 183 194 109
164 164 164 164 164	31:3 32: <1 33:3: <1 34: 2 35: 1	  <1 1		30.7 11.7 8.74 23.5 11.6	135 428 199 204 53
164. 164. 164. 164. 164.	36			23.8 32.3 19.4 30.4 20.7	77 190 245 225 271
164 164 164 164 164	41 42 43 44 45	l l l l l		28.0 29.1 21.2 36.5 28.9	240 191 143 317 132
164 164 164 164 164	46 47 48 49 50	1 1 1 1 1		25.0 31.9 32.7 25.4 20.9	198 139 527 364 769
Meth Un Detection Lin	od GG33 its pp nit	6 GG336 b ppb 1 1	)	0.01	

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South Australia 5070
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# ANALYTICAL DATA

			<u> </u>			
	Sample	Au	Au:R	Au:S	Fe	Мп
	16451 16452 16453 16454 16455	<1 <1 <1 <1	   <1		27±8 29.0 25.0 28.3 24.4	190 342 161 105 98
	16456 16457 16458 16459 16460	<1 <1 <1 <1	<1  	  	15.4 23.4 20.5 28.4 22.6	82 323 351 173 156
商		<1 <1 <1 <1		  	28.9 27.7 28.1 20.6 18.2	152 231 150 422 298
The effect of the state of the	16466 16467 16468 16469 16470	1 <1 <1 <1 <1	 	  <1	22.4 20.6 19.3 29.4 29.1	323 377 163 286 122
	16471 16472 16473 16474 16475	<1 <1 <1 <1 <1	 	  	23.0 26.2 24.6 22.1 29.5	116 118 118 177 248
	16476 16477 16478 16479 16480	< I < I < I < I < 1	 	  	26.5 26.0 32.4 31.3 27.4	434 316 130 251 119
	16481 16482 16483 16484 16485	<1 <1 <1 <1 1	   1	  	40.0 21.0 30.8 23.9 22.6	290 138 123 187 151
France Company of the	16486 16487 16488 16489 16490	<1 <1 <1 <1	  <1	   <1	28.9 27.9 36.2 26.5 32.0	122 125 126 101 146
	16491 16492 16493 16494 16495	<1 1 2 <1	  2 		22.6 24.4 24.2 14.9 19.5	194 187 258 300 187
	16496 16497 16498 16499 16500	<1 <1 <1 <1 <1			19.8 27.1 21.6 20.6 20.8	185 120 83 187 284
i	Method Units Detection Limit	GG336 ppb	GG336 ppb	1 ' ' 110111'a	\$26 #33888 <b>0.01</b> 88	

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a

#### **ANALYTICAL DATA**

,	Sample	Au	Au:R	Au:S	Fe	Mn
	19751 19752 19753	<1 <1 <1 <1 <1	<1  	  	11.9 8.13 12.8 20.8 20.2	408 163 230 149 154
	19756 19757 19758 19759 19760	2 <1 <1 <1	1 <1 	   <1	19.8 20.4 16.5 18.3 21.6	167 132 211 114 91
	19761 19762 19763 19764 19765	<1 <1 <1 <1	  	  	10.1 2.11 14.5 5.94 1.19	78 83 1676 120 40
	19766 19767 19768 19769 19770	<1 <1 <1 <1 <1	  	  	16.4 10.2 3.04 2.33 32.6	153 160 40 219 219
	19771 19772 19773 19774 19775	3 <1 <1 <1	3 <1 	  	21.2 8.57 3.53 13.4 15.5	139 49 188 269 110
	19776 19777 19778 19779 19780	<1 <1 <1 <1		   <1	32.6 26.3 13.7 14.2 22.0	190 136 384 285 156
AT AN	19783 19784 19785	<1 <1 <1 <1 <1	   		18.3 23.8 26.4 26.8 25.7	384 294 260 230 108
A set of an item of a set of a	19787 19788 19789 19790	L.N.R. <1 <1 <1	L.N.R.  <1	L.N.R.	21.9 L.N.R. 10.0 4.85 0.91	150 L.N.R. 124 494 42
The state of the s	19791 19792 19793 19794 19795	1 <1 <1 1 L.N.R.	  <1 L.N.R.	L.N.R.	11.6 2.79 2.56 6.45 L.N.R.	74 235 63 42 L.N.R.
	19796 19797 19798	<1 <1 <1 <1 <1	  <1 	  <1	29.7 11.9 20.7 27.0 23.4	135. 215 251 88 56
Detecti	Method Units on Limit	GG336 ppb	GG336 ppb 1.	GG336 ppb 1	0.01	GA140 ppm 3

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South Australia 5070 Telephone : (08) 8336 5099 Facsimile : (08) 8336 5564

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<u>-</u>	Sample	Au	Au:R	Au:S	Fe	Mn
	16412B 19765B	<1 <1		1 1	25.2 0.95	163 57

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a

<u> </u>			
	Sample	As	Bi
	16301	24	7
	16302	10	<1
	16303	16	<1
	16304	8	<1
	16305	8	<1
	16306 16307 16308 16309 16310	12 <1 12 10 2	2 <1 <1 <1
	16311 16312 16313 16314 16315	10 8 10 14 10	<1 <1 <1 <1
	16316	4	<1
	16317	8	<1
	16318	<1	<1
	16319	<1	<1
	16320	2	<1
	16321	12	<1
	16322	4	<1
	16323	4	<1
	16324	2	<1
	16325	4	<1
	16326	6	<1
	16327	2	<1
	16328	6	<1
	16329	8	<1
	16330	6	<1
	16331	6	<1
	16332	4	<1
	16333	6	<1
	16334	18	<1
	16335	14	<1
	16336 16337 16338 16339 16340	6 4 10 10 4	<1 <1 <1 <1
	16341 16342 16343 16344 16345	14 14 6 2 4	<1 <1 <1 <1
	16346	12	<1
	16347	6	<1
	16348	16	<1
	16349	12	<1
	16350	22	<1
Dete	Method	HA140	HA140
	Units	ppm	ppm
	ction Limit	1	1

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## **ANALYTICAL DATA**

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<del></del>		·····	·····
<u> </u>	Sample	As	Bi
	16401 16402 16403 16404 16405	10 10 4 8 12	<1 <1 <1 <1
	16406 16407 16408 16409 16410	12 4 14 26 8	<1 <1 <1 <1
	16411 16412 16413 16414 16415	12 8 12 16 10	<1 <1 <1 <1 <1
	16416 16417 16418 16419 16420	8 6 6 L.N.R. 8	<1 <1 <1 L.N.R. <1
	16421 16422 16423 16424 16425	L.N.R. 8 8 4 4	L.N.R. <1 <1 <1 <1
	16426 16427 16428 16429 16430	12 26 8 8	<1 <1 <1 <1 <1
	16431 16432 16433 16434 16435	28 38 20 65 10	7 <1 <1 <1
	16436 16437 16438 16439 16440	51 16 16 12 16	<1 2 1 3 1
The state of the s	16441 16442 16443 16444 16445	8 6 6 6	2 <1 <1 <1 <1
The books of the control of the cont	16446 16447 16448 16449 16450	18 14 2 10 14	<1 <1 <1 <1
Dete	Method Units ction Limit	HA140 ppm 1	HA140 ppm 1

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### **ANALYTICAL DATA**

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	Sample	As	Bi
	16451	12	3
	16452	8	2
	16453	8	3
	16454	6	2
	16455	4	6
	16456	<1	1
	16457	71	4
	16458	14	<1
	16459	8	<1
	16460	18	3
	16461 16462 16463 16464 16465	12 14 12 16 10	<1 <1 <1 <1
	16466 16467 16468 16469 	12 12 22 6 26	<1 <1 <1 <1
	16471	10	<1
	16472	10	<1
	16473	14	3
	16474	10	3
	16475	10	2
	16476	12	4
	16477	6	4
	16478	19	<1
	16479	19	3
	16480	21	4
	16481	26	10
	16482	26	1
	16483	55	3
	16484	20	2
	16485	29	1
	16486	14	2
	16487	32	4
	16488	53	4
	16489	29	3
	16490	106	4
	16491	12	2
	16492	40	1
	16493	33	<1
	16494	14	<1
	16495	10	<1
	16496 16497 16498 16499 16500	14 26 18 16 30	2 2 1 <1
Dete	Method Units ction Limit	HA140 ppm	HA140 ppm 1

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

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South Australia 5070
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# ANALYTICAL DATA

		<del>2.2</del>	,
	Sample	As	Bi
	19751 19752 19753 19754 19755	16 36 45 18 18	<1 <1 <1 2 4
	19756 19757 19758 19759 19760	16 12 24 2 14	6 4 <1 2 6
	19761 19762 19763 19764 19765	19 <1 2 2 <1	2 <1 <1 <1
	19766 19767 19768 19769 19770	20 8 2 2 14	<1 <1 <1 <1
	19771 19772 19773 19774 19775	6 4 2 10 <1	<1 <1 <1 <1
	19776 19777 19778 19779 19780	12 24 6 14 19	2 7 <1 <1 3
Re The second se	19781 19782 19783 19784 19785	18 42 12 10 18	2 2 4 6 6
	19786 	6 L.N.R. 6 6 <1	L.N.R. 4 <1 3
	19791 19792 19793 19794 19795	10 <1 <1 <1 L.N.R.	<1 <1 <1 <1 L.N.R.
	19796 19797 19798 19799 19800	20 14 26 8 <1	2 <1 <1 <1
Dete	Method Units ection Limit	HA140 ppm 1	HA140 ppm 1

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#### **ANALYTICAL DATA**

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` -	Sample	As	Bi
	16412B	8	<1
	19765B	<1	<1

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DESERT-EX 21 SALISBURY ST UNLEY		
SA 5061		
Number of pages of Number of Samples First Sample Last Sample	f results : 12 : 167 : 15001 : 16267	
Invoice to:		Electronic Data Transmission :   Modem
DESERT-EX 21 SALISBURY S' UNLEY	Γ	Disk Report / /
SA 5061		
Results to:		
Results to:		
Remarks :		
Authorised by On behalf of:		

David Nelson

Laboratory Manager

: AD017344

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16 Sunbeam Road, Glynde South Australia 5070 Telephone : (08) 8336-5099 Facsimile : (08) 8336-5564

Sample	Cu	РЬ	Zn	Λg	Ni	Со
15001 15002 15003 15004 15005	54 71 44 21 5	11 12 14 21 25	21 114 63 18 7	1 > 1 > 1 > 1 > 1 >	26 22 13 <3	7 14 7 11 <3
15006 15007 15008 15009 15010	6 8 6 8 8	17 7 11 <3	6 22 17 5 7	1 > 1 > 1 > 1 > 1 >	6 10 13 12 <3	6 7 <3 <3
15011 15012 15013 15014 15015	7 42 13 5 5	10 25 < 3 9 7	5 14 12 6 6	'. l ' l '   '   '	<pre></pre>	<3   <3   <3   <3   <3   <3   <3   <3
15016 15017 15018 15019 15020	15 6 7 9 21	<3 9 13 7 10	10 6 7 11 15	< 1 < 1 < 1 < 1	5 7 10 <3 15	6 7 6 <3 6
15021 15022 15023 15024 15025	8 10 8 9 8	18 12 10 16 14	9 5 6 8 6	<1 <1 <1 <1	9 7 6 7 6	6 5 <3 <3
15026 15027 15028 15029 15030	6 5 4 7 5	12 15 9 14 9	6 6 5 7 7	<1 <1 <1 <1	10 8 8 7 6	<3 <3 <3 <3
15031 15032 15033 15034 15035	6 5 8 4 6	16 <3 10 10	13 8 20 14 13	< l < l < l < l	<3 <3 6 9 10	<3 <3 <3 <3
15036 15037 15038 15039 15040	7 3 5 7 7	11 12 14 13	9 6 6 6 7	< I < I < I < I	9 <3 <3 9 10	6 <3 <3 <3
15041 15042 15043 15044 15045	8 4 8 14 8	11 12 20 17 20	8 7 6 8	< l < l < l < l	8 10 27 12 5	6 <3 <3 <3
15046 15047 15048 15049 15050	6 6 6 7 8	15 13 12 17 14	8 8 6 9	< l < l < l < l	<3 <3 <3 <3	<3 <3 <3 <3
Method Units Detection Limit	GA 140 ppm 2	GA 140 ppin 3	GA 140 թթու 2	GA140 ppm 1	GA 140 ppm 3	GA 140 ppm 3

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ACN 004 591 664
16 Sunbeam Road, Glynde
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## ANALYTICAL DATA

		·				
Sample	Cu	Pb	Zn	Ag	Ni	Со
16001 16002 16003 16004 16005	7 9 10 9 10	11 17 7 12 15	8 14 8 11 10	<1 <1 <1 <1 <1	<3 <3 <3 <3	<3 <3 <3 <3 <3
16006 16007 16008 16009 16010	6 7 12 6 12	14 17 12 8 16	6 6 9 7 9	<1 <1 <1 <1	<3 <3 <3 <5	<3 <3 <3 <3
16011 16012 16013 16014 16015	8 10 10 12 6	13 10 <3 18 8	13 7 9 12 6	<1 <1 <1 <1	7 9 7 9 <3	<3 <3 <3 <3
16016 16017 16018 16019 : 16020	7 5 9 7 9	10 9 5 17 12	5 4 7 8 8	<1 <1 <1 <1	  	<3 6 5 <3 <3
16021 16022 16023 16024 16025	11 7 8 9 7	18 7 11 18 11	11 12 8 6 6	<1 <1 <1 <1	5 7 7 <3 <3	<3 7 6 5 <3
16026 16027 16028 16029 16030	8 13 4 6 5	11 16 12 7 12	7 7 6 6 5	<1 <1 <1 <1 <1	6 6 7 9 7	6 8 6 <3 <3
16031 16032 16033 16034 16035	7 8 17 5 7	14 12 8 10 9	6 7 10 7 5	<1 <1 <1 <1	8 <3 6 7 9	7 8 7 6 <3
16036 16037 16038 16039 16040	9 10 11 10 11	10 7 10 14 18	6 6 12 8 7	<1 <1 <1 <1 <1	12 8 7 11 7	5 <3 5 <3
16041 16042 16043 16044 16045	10 10 12 15 11	13 13 15 13 9	8 9 10 10 8	<1 <1 <1 <1	8 5 <3 8 7	<3 <3 <7 <3
16046 16047 16048 16049 16050	14 13 10 11 11	12 16 10 10 9	10 10 5 7 16	<1 <1 <1 <1 <1	10 6 10 7 7	6 <3 <3 <3
Method Units Detection Limit	GA140 ppm .2	} ', -'	GA140 ppm 2	GA140 ppm 1	GA140 ppm 3	GA140 ppm 3

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ACN 004 591 664
16 Sunbeam Road, Glynde
South Australia 5070
Telephone: (08) 8336 5099
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	2.2		<u> </u>	<del></del>		
Sample	Cu	Pb	Zn	Ag	Ni	Co
16051 16052 16053 16054 16055	15 13 11 9 12	<3 14 14 10 7	10 9 6 7 7	<1 <1 <1 <1 <1	<pre></pre>	5 <3 <3 <3
16056 16057 16058 16059 16060	13 10 16 7 9	13 10 16 15 11	7 8 7 7 10	<1 <1 <1 <1 <1	<3 7 9 <3 <3	<3 <3 <3 7 <3
16061 16062 16063 16064 16065	7 11 11 12 12	8 12 16 17 <3	8 10 9 6 8	<1 <1 <1 <1 <1	<3 <3 <3 , 5 8	<3 <3 <3 <3
16066 16067 16068 16069 16070	11 9 18 10 7	8 6 11 9 17	8 5 10 9 7	<1 <1 <1 <1 <1	6 <3 11 8 <3	6 <3 <3 <3
16071 16072 16073 16074 16075	L.N.R. 8 9 10 9	L.N.R. 10 13 17 13	L.N.R. 7 7 5 5	L.N.R. <1 <1 <1 <1	L.N.R. <3 6 <3 7	L.N.R. <3 <3 <3 <3
16076 16077 16078 16079 16080	8 5 3 4 8	10 13 7 <3 8	7 5 6 7 7	<1 <1 <1 <1	<3 10 <3 <3 <3	<3 <3 <3 <3 <3
16081 16082 16083 16084 16085	15 11 8 L.N.R. 9	18 25 17 L.N.R. 13	9 9 12 L.N.R. 6	<1 <1 <1 L.N.R. <1	<3 <3 <3 L.N.R. 6	<3 6 <3 L.N.R. 5
16086 16087 16088 16089 16090	15   21	18 21 13 10 12	9 12 14 5 8	<1 <1 <1 <1 <1	8 8 5 <3	<3 <3 <3 <3
16091 16092 16093 16094 16095	18 11 10	8 24 13 17 22	10 15 13 10 10	<1 <1 <1 <1 <1	<3 <3 <3 <3	<3 <3 <3 6 <3
16096 16097 16098 16099 16100	E.J 16	22 10 27 19 24	19 16 15 12 15	<1 <1 <1 <1 <1	<3 <3 <3 <3 7	<3 <3 <3 <3 <3
Mathod.	2	GA140 ppm 3	GA140 ppm 2	GA 140	GA140 ppm 3	GA140 ppm 3

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde

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	·		<del>,</del>	<del></del>		
Sample	Cu	Pb	Zn,	Ag	Ni -	Co
16251 16252 16253 16254 16255	20 31 22 15 14	31 13 6 14 17	19 20 11 11 14	<1 <1 <1 <1	6 <3 <3 <3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
16256 16257 16258 16259 16260	23 19 16 17 15	14 15 17 21 14	15 11 13 12 18	<1 <1 <1 <1 <1	<3 <3 <3 <3	<3 <3 <3 <3 <3
16261 16262 16263 16264 16265	32 11 16 14 16	20 11 13 20 14	20 8 10 10 11	<1 <1 <1 <1	<3 <3 <3 <3 10	<3 <3 6 <3 <3
16266 16267	9 12	10 19	12 11	<1 <1	<3 10	<3 <3

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the later of the married by the later of the contract of the c	1 · · · · · · · · · · · · · · · · · · ·	1 - 1 - Children 100 100 55 11 200 11 11 11 11 11 11 11 11 11 11 11 11 1	
-"	GA140  GA140	4-% "-CIAT4U% %%&&CIAT4U&E	5 ***
	, , , , , , , , , , , , , , , , , , ,		
li tim di la maria da la	ka kampomila da wapomi		williage will <b>pom</b> ed with all its <b>pom</b> ed.
	The Property of the Property o	PP	The state of the s
Detectional imit	1 3 1 3 2 3 3 4 7 1 4 3 3 4 5 1 7 <b>3</b> 3	1	
		1	
	\$ 5.00 STAN (5.51)	1 11 11 11 11 11 11 11 11 11 11 11 11 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
177574	1	그 이 기가 가는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	** ( ) **
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#### ANALYTICAL DATA

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Sample	Au	Au:R	Au:S	Fe	Mn
15001 15002 15003 15004 15005	<1 <1 <1 <1		  	28.0 20.1 29.3 14.9 37.3	57 170 79 226 55
15006 15007 15008 15009 15010	<1 <1 <1 <1 <1		  	21.7 22.1 10.9 20.4 22.7	126 63 77 90 72
15011 15012 15013 15014 15015	<1 <1 <1 <1	<1   	 	9.98 23.4 22.0 19.5 19.6	108 92 77 · 163 124
15016 15017 15018 15019 15020	<1 <1 <1 <1 <1	1 1 1 1	  <1	21.1 21.5 18.0 21.7 19.8	181 161 81 62 174
15021 15022 15023 15024 15025	<1 <1 <1 <1 <1	<1  	 	21.1 24.8 14.2 25.4 17.3	134 69 37 164 74
15026 15027 15028 15029 15030	<1 <1 <1 <1	  1		19.0 20.2 17.7 19.0 17.6	72 107 82 78 89
15031 15032 15033 15034 15035	<1 <1 <1 <1	  	  	21.7 23.3 27.8 17.4 23.1	94 226 131 194 167
15036 15037 15038 15039 15040	<1 <1 <1 <1 <1		   1	18.3 18.4 18.3 19.5 17.0	120 116 93 133 145
15041 15042 15043 15044 15045	<1 <1 <1 <1		  	18.0 18.9 22.3 19.8 16.1	133 94 114 201 80
15046 15047 15048 15049 15050	<1 <1 <1 <1 <1 <1	<1 <1 <1 <1		16.4 17.1 18.0 23.6 21.0	83 158 145 155 85
2-1	ppo 1	PpD:	GG336 ppb	GA140 % 0.01	

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· [ ]	Sample	Au	Au:R	Au:S	Fe	Мп
	16001 16002 16003 16004 16005	<1 <1 <1 <1 <1			21.6 18.9 17.8 21.1 19.3	84 240 118 85 90
	16006 16007 16008 16009 16010	<1 <1 <1 <1 <1		  <1	22.5 23.8 22.4 16.3 20.5	89 206 122 71 104
	16011 16012 16013 16014 16015	<1 <1 <1 <1	  		23.5 18.9 17.6 24.5 18.8	111 137 95 130 74
	16016 16017 16018 16019 16020	<1 <1 <1 <1	  		15.5 19.2 22.3 19.0 22.2	63 93 134 124 85
	16021 16022 16023 16024 16025	<1 <1 <1 <1	  <1	 	20.5 18.7 16.4 20.9 19.1	99 165 222 83 87
	16026 16027 16028 16029 16030	<1 <1 <1 <1 <1		  <	19.6 19.0 13.1 14.7 13.5	102 124 81 85 65
	16031 16032 16033 16034 16035	<1 <1 <1 <1			17.4 14.1 19.9 16.1 11.7	87 296 111 146 81
and development to be for a control of the control	16036 16037 16038 16039	<1 <1 <1 <1 <1	<1  		12.4 15.8 21.7 18.4 13.8	128 153 108 95 249
***************************************	16042 16043 16044	<1 <1 <1 <1	  <1		17.5 18.3 18.4 20.1 13.4	283 127 108 242 128
	16046 16047 16048 16049	<1 <1 <1 <1 <1		  <-1	14.8 19.4 5.94 20.9 18.4	242 232 48 98 95
	Method Units Detection Limit	GG336 ppb	GG336 ppb 1	GG336 ppb 1	0.01	Particle and the partic

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

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ACN 004 591 664
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### ANALYTICAL DATA

· .	Sample	Au	Au:R	Au:S	Fe	Mn
	16051 16052 16053 16054 16055	<1 <1 <1 <1	 	  	14.6 16.6 19.3 15.4 17.9	71 101 113 91 146
	16056 16057 16058 16059 16060	<1 <1 <1 <1 <1	<1  		21.0 14.8 15.9 25.3 19.2	115 241 193 94 142
	16061 16062 16063 16064 16065	<1 <1 <1 <1 <1	  	 	13.6 16.4 17.2 16.0 20.8	136 108 190 172 374
	16066 16067 16068 16069 16070	<1 <1 <1 <1 <1		  <1	14.4 16.4 18.2 14.1 17.7	134 90 168 105 91
	16071 16072 16073 16074 16075	L.N.R. 1 <1 <1 <1	L.N.R. <1 	L.N.R.	L.N.R. 13.7 21.8 20.9 3.69	L.N.R. 126 94 85 116
	16076 16077 16078 16079 16080	<1 <1 <1 <1 <1	  <1	  	12.8 5.92 6.76 6.70 20.1	58 80 62 41 56
	16081 L	<1 <1 <1 L.N.R. <1	L.N.R.	L.N.R.	19.9 26.2 13.3 L.N.R. 16.0	276 76 131 L.N.R. 94
	16087 16088 16089 16090	<1 <1 <1 <1 <1		   <1	19.8 17.8 10.4 5.89 4.25	191 369 74 26 85
	. 300000	<1 <1 <1 <1	 <- 1		18.0 25.3 24.0 24.0 28.9	109 210 155 133 129
	** **** * * * * * * * * * * * * * * * *	<1 <1 <1 <1			31.7 32.5 32.2 23.7 32.0	136 114 219 113 172
Det	Method Units ection Limit	GG336 ppb	GG336 ppb	GG336 ppb	0.01	

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Sample	Au	Au:R	Au:S	Fe	Mn
16251 16252 16253 16254 16255	<1 <1 <1 <1 <1			38.8 36.8 30.2 34.7 30.6	383 154 106 145 219
16256 16257 16258 16259 16260	<1 <1 <1 <1	 <1 	   <1	29.6 29.2 30.9 33.2 30.5	262 169 162 139 75
16261 16262 16263 16264 16265	<1 <1 <1 <1	  <1 		32.7 26.4 25.5 23.0 26.9	96 109 99 157 227
16266 16267	<1 <1			30.6 35.8	158 202

Method	$\mathbf{D}_{i}$ , $i \in \mathcal{M}$ , $i \in \mathcal{D}$ , $i \in \mathcal{D}$ , $i \in \mathcal{D}$	G336: GG336:		GA140
Detection Limit	[ & [ ] & [ ] * [	dad "dad"	0.01	ppm 3

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			+
	Sample	As	Bi
	15001	54	11
	15002	71	12
	15003	44	14
	15004	21	21
	15005	5	25
	15006	6	17
	15007	8	7
	15008	6	11
	15009	8	11
	15010	8	<1
	15011	7	10
	15012	42	25
	15013	13	<1
	15014	5	9
	15015	5	7
	15016	15	< 1
	15017	6	9
	15018	7	13
	15019	9	7
	15020	21	10
	15021	8	18
	15022	10	12
	15023	8	10
	15024	9	16
	15025	8	14
N.	15026	6	12
	15027	5	15
	15028	4	9
	15029	7	14
	15030	5	9
Marine - 1	15031	6	16
	15032	5	<1
	15033	8	10
	15034	4	10
	15035	6	11
	15036	7	11
	15037	3	12
	15038	5	14
	15039	7	13
	15040	7	13
	15041	8	11
	15042	4	12
	15043	8	20
	15044	14	17
	15045	8	20
	15046	6	15
	15047	6	13
	15048	6	12
	15049	7	17
	15050	8	14
	Method Units Detection Limit	HA140 ppm 1	HA140 ppm 1

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

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# **ANALYTICAL DATA**

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·· <u>·</u> ·	Sample	· As	Bi
	16001	7	11
	16002	9	17
	16003	10	7
	16004	9	12
	16005	10	15
	16006	6	14
	16007	7	17
	16008	12	12
	16009	6	8
	16010	12	16
	16011	8	13
	16012	10	10
	16013	10	<1
	16014	12	18
	16015	6	8
	16016	7	10
	16017	5	9
	16018	9	5
	16019	7	17
	16020	9	12
	16021	11	18
	16022	7	7
	16023	8	11
	16024	9	18
	16025	7	11
	16026 16027 16028 16029	8 13 4 6 5	11 16 12 7 12
	16031	7	14
	16032	8	12
	16033	17	8
	16034	5	10
	16035	7	9
	16036	9	10
	16037	10	7
	16038	11	10
	16039	10	14
	16040	11	18
	16041	10	13
	16042	10	13
	16043	12	15
	16044	15	13
	16045	11	9
	16046 16047 16048 16049	14 13 10 11	12 16 10 10 9
Dete	Method Units ection Limit	HA140 ppm	HA140 ppm 1.

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# ANALYTICAL DATA

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· · · · · · · · · · · · · · · · · · ·	Sample	As	Bi
	16051	15	<1
	16052	13	14
	16053	11	14
	16054	9	10
	16055	12	7
	16056	13	13
	16057	10	10
	16058	16	16
	16059	7	15
	16060	9	11
	16061	7	8
	16062	11	12
	16063	11	16
	16064	12	17
	16065	12	<1
	16066	11	8
	16067	9	6
	16068	18	11
	16069	10	9
	16070	7	17
	16071	L.N.R.	L.N.R.
	16072	8	10
	16073	9	13
	16074	10	17
	16075	9	13
	16076 16077 16078 16079	8 5 3 4 8	10 13 7 <1 8
	16081	15	18
	16082	11	25
	16083	8	17
	16084	L.N.R.	L.N.R.
	16085	9	13
	16086 16087 16088 16089	15 21 10 7 7	18 21 13 10 12
	16091	9	8
	16092	18	24
	16093	11	13
	16094	10	17
	16095	10	22
	16096 16097 16098 16099	16 13 16 13 15	22 10 27 19 24
Dete	Method Units ection Limit	HA140 ppm	HA140 ppm 1

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ACN 004 591 664
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 Sample	As	Bi
16251	20	31
16252	31	13
16253	22	6
• 16254	15	14
16255	14	17
16256	23	14
16257	19	15
16258	16	17
16259	17	21
16260	15	14
16261	32	20
16262	11	11
16263	16	13
16264	14	20
16265	16	14
16266	9	10
16267	12	19

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Method HA140 Units ppm	HA140
Detection Limit	

Analabs Pty. Ltd. ACN 004 591 664 : AD017422 Our reference 00901 16 Sunbeam Road, Glynde Your reference Project code Date received South Australia 5070 : 26/08/97 Telephone: (08) 8336 5099 : 15/09/97 Facsimile: (08) 8336 5564 Date reported DESERT-EX 21 SALISBURY ST UNLEY 7.7 SA 5061 Number of pages of results Number of Samples First Sample Last Sample : 9 : 104 : 11151 : 27800 Electronic Data Transmission: Modem Facsimile Disk Report Authorised by .. On behalf of:

David Nelson

Laboratory Manager

: AD017422 : 00901

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 -Telephone: (08) 8336 5099
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<u></u>						
Sample	Cu	Pb	Zn	Ag	Ni	Со
11151 11152 11153 11154 11155	60 59 14 16 62	7 <3 17 <3 13	15 9 17 15 50	<1 <1 <1 <1 <1	10 <3 <3 <3 10	6 <2 <2 <2 6
11156 11157 11158 11159 11160	12 14 19 10 18	6 15 <3 <3 12	2 <2 15 4 8	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <6 <2 <2
11161 11162 11163 11164 11165	43 112 36 78 196	<3 25 17 40 20	27 185 12 114 133	<1 <1 <1 <1	<3 79 10 49 106	<2 <2 6 106
11166 11167 11168 11169 11170	33 21 122 14 4	15 9 36 17 <3	15 50 99 <2 <2	<1 <1 <1 <1	18 12 55 6 <3	12 6 18 6 <2
11171 11172 11173 11174 11175	12 18 64 37 32	8 6 11 16 <3	6 13 42 18 20	<1 <1 <1 <1 <1	<3 <3 22 9 6	6 <2 . <2 <6
11176 11177 11178 11179 11180	20 12 6 10 9	6 14 <3 22 <3	10 10 <2 12 4	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
11181 11182 11183 11184 11185	12 4 12 12 17	16 22 13 20 26	6 12 6 8 <2	<1 <1 <1 <1 <1	6 <3 <3 <3 8	<2 6 <2 <2 <2
11186 11187 11188 11189 11190	8 14 8 10 14	<3 7 7 15 13	<2 77 6 <2 4	<1 <1 <1 <1 <1	<3 <3 <3 10	<2 <2 6 <2 <2
11191 11192 11193 11194 11195	* 12 12 30 15 24	7 11 13 <3 27	6 6 10 9 8	<1 <1 <1 <1	<3 <3 <3 <3 8	8 <2 <2 <2 10
11196 11197 11198 11199 11200	18 17 18 17 16	13 6 15 9 7	4 8 8 <2 <2	<1 <1 <1 <1	<3 <3 <3 <3	10 <2 8 6 <2
Method Units Detection Limit	GA140 ppm 2	GA140 ppm 3	GA140 ppm 2	GA140 ppm 1	GA140 ppm 3	GA140 ppm 2

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Sample	Cu	Pb	Zn	Äg	Ni	Co
16351 16352 16353 16354 16355	12 28 12 18 16	9 <3 <3 11 23	10 12 <2 8 10	<1 <1 <1 <1 <1	<3 <3 <3 <3 <3	<2 <2 <2 <2 <2
16356 16357 16358 16359 16360	12 16 20 15 14	9 7 7 <3 7	8 4 2 <2 10	<1 <1 <1 <1	<3 <3 <6 <3	<2 <2 <2 <6
16361 16362 16363 16364 16365	12 12 12 12 12 22	22 18 <3 <3 9	<2 <2 8 <2	<1 <1 <1 <1	<3 <3 <3 <3	6 6 <2 <2 6
16366 16367 16368 16369 16370	18 21 18 14 19	<3 <3 20 9 23	10 6 10 10 23	<1 <1 <1 <1 <1	<3 <3 6 6	<2 <2 6 <2 <2
16371 16372 16373 16374 16375	17 10 20 14 54	17 <3 18 7 9	6 8 8 8 16	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
16376 16377 16378 16379 16380	8 14 12 10 6	<3 <3 <3 15 19	10 16 6 4 <2	1 <1 <1 <1	<3 <3 <3 <3 <3	<2 <2 <2 <2 <2 <2
16381 NONUMBER 154048 28877 27781	14 8 8 6 16	<3 <3 20 9 16	<2 2 4 4 10	<1 <1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
27782 27783 27784 27785 27786	12 14 10 11 10	20 11 13 17 16	6 10 <2 8 10	<1 <1 <1 <1	<3 <3 <3 <3	6 <2 <2 <2 <2
27787 27788 27789 27790 27791	# 11 4 8 8 12	11 7 7 20 13	<2 <2 6 6 4	<1 <1 <1 <1	<3 <3 <3 <3	<2 <2 <2 <2 <2
27792 27793 27794 27795 27796	16 10 12 8 10	7 15 7 13 18	8 6 8 4 10	<1 <1 <1 <1	6 <3 <3 <3	<2 <2 <2 <2 <2
Method Units Detection Limit	GA140 ppm 2	GA140 ppm 3		GA140 ppin 1	GA140 ppm 3	GA140 ppm 2

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Sample:	Cu	Pb	Zn	Ag	Ni d	Co.
27797	6	<3	25	<1	12	<2
27798	14	11	8	<1	<3	6
27799	12	9	4	<1	<3	<2
27800	14	<3	6	<1	<3	<2

Method	GA140	GA140	GA140	GA140	GA140 GA140 ppm ppm 2
Units	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	
	• •	•			

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

## **ANALYTICAL DATA**

	: Sample:	Au	Au:R	Au:S	Fe .	Mn
	11151 11152 11153 11154 11155	3 4 1 1	1 4		27.3 22.2 20.5 23.3 22.1	253 138 92 77 118
	11156 11157 11158 11159 11160	1 1 <1 <1			18.5 29.2 20.8 22.6 18.1	109 115 93 97 156
	11161 11162 11163 11164 11165	<1 <1 <1 <1	  	  	14.5 32.0 8.06 33.5 30.9	107 428 67 110 3737
	11166 11167 11168 11169 11170	<1 <1 <1 <1 <1		   <1	14.4 3.10 36.6 16.3 34.7	232 151 303 140 88
	11171 11172 11173 11174 11175	<1 <1 <1 <1 <1	<1  		24.8 21.0 20.7 26.7 28.2	396 117 168 188 115
	11176 11177 11178 11179 11180	<1 1 <1 <1 <1	 		29.1 24.2 0.47 14.1 15.2	108 136 39 156 156
	11181 11182 11183 11184 11185	<1 <1 <1 <1 <1	<1  <1 	  	3.75 20.9 **** 23.4 10.8	91 179 103 152 310
	11186 11187 11188 11189 11190	<1 <1 <1 <1 <1	< 1  	   1	16.1 2.88 6.64 6.92 8.49	157 122 255 84 433
	11191 11192 11193 11194 11195	* <1 <1 <1 <1	  <-1		32.8 20.9 26.5 26.2 20.1	176 76 367 399 457
	11196 11197 11198 11199 11 <b>2</b> 00	<1 <1 <1 <1 <1			27.7 29.0 24.2 33.8 26.7	137 143 149 202 237
De	Method Units tection Limit	GG336 ppb 1	GG336 ppb 1	GG336 ppb 1	GA140 % 0.01	GA140 ppm 3

: AD017422 : **00901** 

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South Australia 5070
Telephone: (08) 8336 5099
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## ANALYTICAL DATA

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Sample	Au	Au:R	Au:S	Fe	Mn
16351 16352 16353 16354 16355	<1 <1 <1 <1 <1	<1  		25.2 30.7 26.8 22.6 26.6	127 73 126 126 116
16356 16357 16358 16359 16360	<1 <1 <1 <1 <1	  	  <1	29.8 19.5 28.5 25.5 26.1	105 107 341 125 417
16361 16362 16363 16364 16365	<1 <1 <1 <1	 	  	37.2 26.1 32.5 27.4 28.2	237 282 105 134 136
16366 16367 16368 16369 16370	<1 <1 <1 <1	 <1 	  	28.3 17.6 25.5 24.3 26.4	109 73 219 97 205
16371 16372 16373 16374 16375	<1 <1 <1 <1 <1			27.6 28.5 26.3 25.9 28.2	214 256 315 182 198
16376 16377 16378 16379 16380	<1 <1 <1 <1 1	  	  <1	16.0 28.7 16.2 20.8 5.73	114 168 83 45 58
16381 NONUMBER 154048 28877 27781	<1 <1 <1 <1 <1	  		5.91 27.5 32.9 17.3 19.5	27 127 474 66 137
27782 27783 27784 27785 27786	<1 <1 <1 <1	   <1	1 1 1	18.7 18.8 21.1 22.0 26.4	141 71 105 159 75
27787 27788 27789 27790 27791	<1 <1 <1 <1 <1		1 1 1 1	23.5 5.96 12.1 22.1 20.4	118 55 188 64 236
27792 27793 27794 27795 27796	<1 <1 <1 <1 <1	<1 <1 <	<1	23.0 26.6 22.6 21.8 27.0	130 98 87 89 58
Method Units Detection Limit	GG336 ppb	GG336 ppb 1	GG336 ppb	Tay make the manager	GA140 ppm 3

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## ANALYTICAL DATA

	Au	Au:R	Au:S	Fe	Mn
27797 27798 27799 27800	<1 <1 <1 <1	1		6.67 21.7 22.6 24.4	236 89 108 97

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## ANALYTICAL DATA

· · ·	Sample	As	Bi
	11151 11152 11153 11154 11155	30 49 8 73 265	<1 <1 <1 <1
	11156 11157 11158 11159 11160	12 14 10 8 <1	<1 <1 <1 <1
	11161	2	<1
	11162	2	<1
	11163	4	<1
	11164	8	<1
	11165	12	2
	11166	16	<1
	11167	2	<1
	11168	30	<1
	11169	18	<1
	11170	10	<1
	11171	15	2
	11172	50	3
	11173	14	2
	11174	19	5
	11175	12	3
	11176	12	2
	11177	18	5
	11178	<1	<1
	11179	6	<1
	11180	8	<1
	11181	2	<1
	11182	8	<1
	11183	8	<1
	11184	22	<1
	11185	11	<1
	11186 11187 11188 11189 11190	11 12 <1 4 4	<1 <1 <1 <1
	11191 11192 11193 11194 11195	8 6 6 25 10	<1 <1 <1 <1
	11196	20	<1
	11197	8	<1
	11198	14	<1
	11199	13	<1
	11200	14	·<1
Dete	Method Units ction Limit	HA140 ppm	HA140 ppm 1

Our reference Your reference

: AD017422

00901

Project code
Report date
Report Number
Report status
Page

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Analabs Pty. Ltd. ACN 004 591 664 16 Sunbeam Road, Glynde South Australia 5070 Telephone: (08) 8336 5099 Facsimile: (08) 8336 5564

### **ANALYTICAL DATA**

Sample	AS AS	Bi
16351	12	<1
16352	6	<1
16353	8	<1
16354	8	<1
16355	14	<1
16356	16	<1
16357	10	<1
16358	16	<1
16359	25	<1
16360	8	<1
16361	12	<1
16362	4	<1
16363	10	<1
16364	8	<1
16365	14	<1
16366 16367 16368 16369 16370	14 10 14 10 8	<1 <1 <1 <1
16371	8	<1
16372	20	<1
16373	14	<1
16374	10	<1
16375	4	<1
16376 16377 16378 16379 16380	8 2 6 12 4	4 <1 <1 <1
16381	<1	<1
NONUMBER	8	<1
154048	10	11
28877	14	<1
27781	18	2
27782	23	2
27783	25	1
27784	17	<1
27785	23	3
27786	16	1
27787 27788 27789 27790 27791	22 22 39 12	3 <1 <1 <1
27792	14	<1
27793	10	<1
27794	4	<1
27795	8	<1
27796	4	<1
Method	HA140	HA140
Units	ppm	ppm
Detection Limit	1	1

: AD017422 : 00901

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South Australia 5070
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Sample	- As	All Lysyly Bi
27797	VI	<1
27798	10	<1
27799	14	<1
27800	10	<1