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**ANNUAL REPORT FOR MINERAL LEASES MLN 297 AND 298  
FOR THE PERIOD 15/05/99 – 14/05/2000**

by

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BSc MAusIMM MGSA

for

**TOOMEBRIDGE PTY LTD**

1: 100,000 Bynoe  
1: 250,000 Darwin

December 2000

**ANNUAL REPORT FOR MINERAL LEASES MLN 297 AND 298  
FOR THE PERIOD 15/05/99 – 14/05/2000**

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## **ANNUAL REPORT FOR MINERAL LEASES MLN 297 AND 298 FOR THE PERIOD 15/05/99 – 14/05/2000**

### **INTRODUCTION**

This report was compiled by Digital Exploration Services at the request of Toomebridge Pty Ltd for Mineral Leases MLN 297 and MLN 298 located at Bynoe Harbour. The two leases form part of a contiguous block of Bynoe Harbour Mineral Leases which have been subject to limited intermittent mining of surface quartz gravel, sand, and kaolin deposits.

### **LOCATION AND ACCESS**

Mineral Leases MLN 297 and 298 are located behind the foreshore of Bynoe Harbour at Keswick Point, approximately 35 kilometres south-west of Darwin (refer figure1). The leases are located at approximately 670870E, 8559690N, MGA Zone 52, WGS84 datum (figure 1).

Access to the leases from Darwin is by the Stuart Highway (approximately 40 kilometres) and Cox Peninsula Road (60 kilometres) and Bynoe Harbour road (18 kilometres) for a total distance of about 118 kilometres (figure1). The Bynoe Harbour road and the final 5 kilometres of the Cox Peninsula Road are unsealed.

### **TENURE**

Mining Leases MLN 297 and MLN 298 were granted to Toomebridge Pty. Ltd. on the 16 May 1981 for a period of 21 years and will expire on the 31 December 2001. Details of the tenements are given in Appendix 1.

### **GEOLOGY**

The published 1:100,000 Geological Series map of the area indicates that the two leases occur in an area containing Quaternary sand and shelly sand as well as surrounding areas of Quaternary mud and silt (mostly covered in mangroves), Tertiary laterite and Cretaceous claystone. These overlie the Early Proterozoic Twin Sisters Granite, which crops out only rarely in the area of the titles, and older metasediments of the Sweets Member of the Welltree Metamorphics (figure 1).

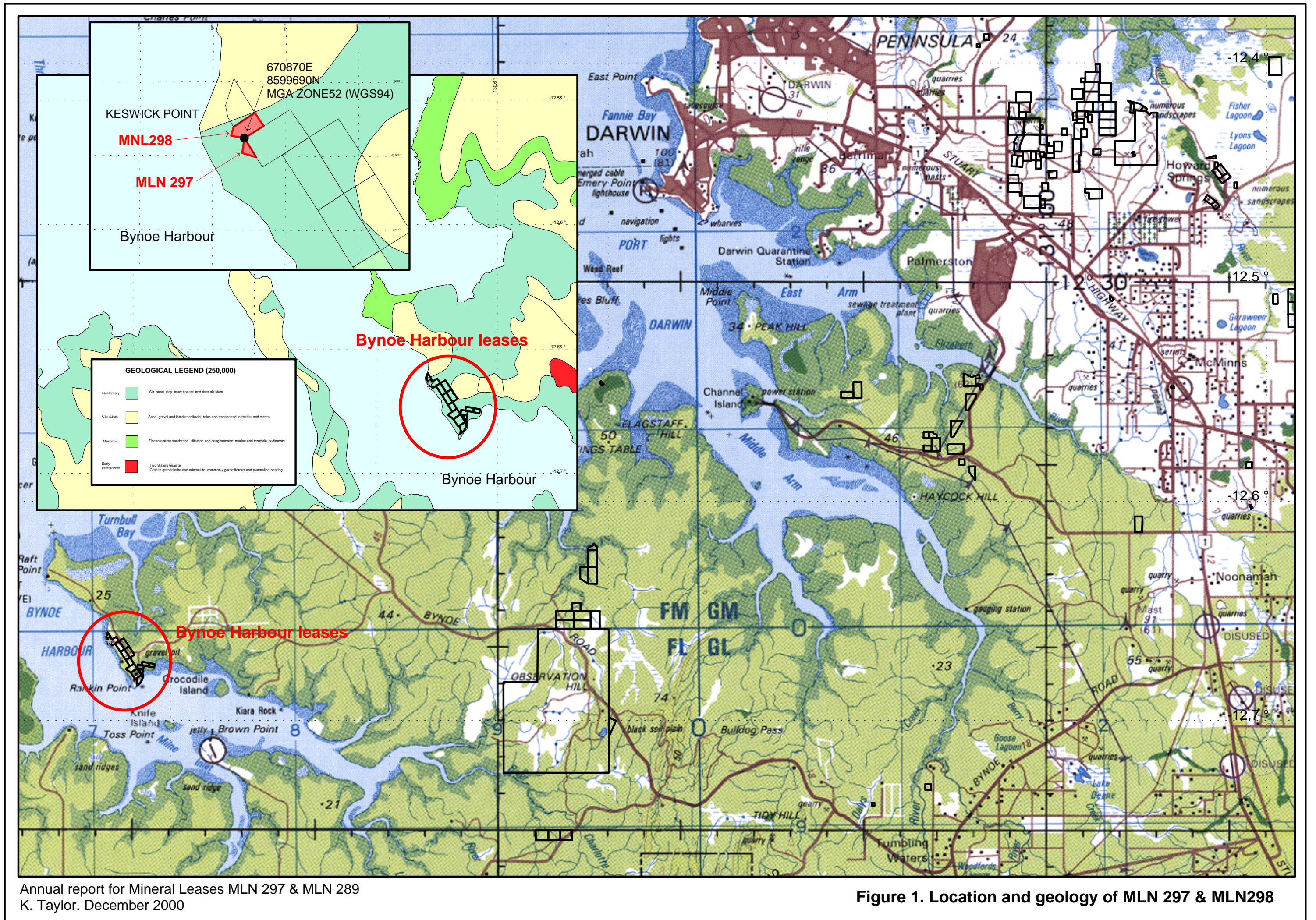


Figure 1. Location and geology of MLN 297 & MLN298

## **PAST MINING ACTIVITIES**

A Northern Territory Department of Mines and Energy title search showed that there are no reported mining activities on the two leases (Appendix 1). This is supported by an inspection of the leases showing little ground disturbance other than vehicle tracks. Activity on the leases has been restricted to a site clean up of previous infrastructure.

## **CONCLUSIONS AND RECOMMENDATIONS**

A preliminary examination of the leases suggests that they have little potential for economic alluvial quartz sand and gravel since alluvial cover is minimal. However, the leases may have potential for kaolin clay deposits above weathered granite. Accordingly, it is recommended that a limited geological reconnaissance and sampling program be undertaken for economic clay deposits on the leases.

Kerry Taylor  
Digital Exploration Services  
16/12/2000

**APPENDIX 1**

Search Certificate for Mineral Leases MLN 297 and MLN298

**Northern Territory of Australia  
Mining Act**

Regulation 31

**Search Certificate**

Report run on: December 15, 2000 12:39 PM

**Title Number** 297  
**Title Type** MLN  
**Lease Name** Keswick No 6  
**Status** Granted, 16/05/1981

**Party Details**

Type	Miner No	%	Name	ACN
Current	7846	100.00	TOOMEBRIDGE PTY. LTD. PO Box 21 BROOME	008 782 867
Applicant	1958	50.00	BROWN Ida Muriel PO Box 818 DARWIN	
Applicant	1957	50.00	BROWN Burge Dawson PO BOX 818 DARWIN	
Past	1958	50.00	BROWN Ida Muriel PO Box 818 DARWIN	
Past	1957	50.00	BROWN Burge Dawson PO BOX 818 DARWIN	
Manager		0.00	TOOMEBRIDGE PTY. LTD. PO Box 21 BROOME	008 782 867

**Map**

Map Number	Map Name	Year
08/4-IV	BYNOE HARBOUR	

**Application/Grant**

Effective Date	Date Expires	Period	Area
APPLIED: 24-OCT-73		21 Years	2 Hectares
GRANTED: 16-MAY-81	31 DEC 2001	21 Years	1.2 Hectares
VARIATION:			1.2 Hectares

**Renewals**

Renewal Date	Period	Expires	Area
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**Waiver/Deferral**

Year	Date Applied	App/Ref	Reduction Due
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**Annual Report**

Year	Date Received
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**Reduction**

Application Date	Year	Area Retained	Effective Date
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**Dealings - (Other than Caveats)**

Dealing	Number	Lodged	Approved	Registered	Terminated	Reason
Mortgage	4022	21 JAN 1985	05 MAR 1985	05 MAR 1985	29 NOV 1990	Discharged (Mortgage Only)

**Parties:**

Transfer	5288	11 APR 1990	29 NOV 1990	29 NOV 1990
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**Parties:** BROWN  
TOOMEBRIDGE PTY. LTD.

**Northern Territory of Australia  
Mining Act**

Regulation 31

**Search Certificate**

Report run on: December 15, 2000 12:39 PM

**Title Number** 297  
**Title Type** MLN  
**Lease Name** Keswick No 6  
**Status** Granted, 16/05/1981

**Dealings - (Other than Caveats)**

Dealing	Number	Lodged	Approved	Registered	Terminated	Reason
Transfer	5288	11 APR 1990	29 NOV 1990	29 NOV 1990		

**Parties:** BROWN

TOOMEBRIDGE PTY. LTD.

Transfer 90770 10 MAY 2000

**Parties:** TOOMEBRIDGE PTY. LTD.

PASPALEY PEARLING COMPANY PTY LTD

**Caveats**

Caveat	Number	Lodged	Registered	Terminated	Continuation	Dealing for Cont
Caveat	4197	07 APR 1986	07 APR 1986	15 MAY 1989		

**Caveator:** LOVERIDGE David

**ALRA**

Alra Trans Type	Offer No.	Proposal	Extend	Effective Date	To Date
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**Gazette**

Gazette Number	Gazette Date
ntg39	02 OCT 1981

**Survey Plan**

Survey Number	Effective Date
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I hereby certify this to be a true extract of the data in the Register of Titles.

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**Mining Registrar**

**Friday the fifteenth of December 2000**



**Northern Territory of Australia  
Mining Act**

Regulation 31

**Search Certificate**

Report run on: December 15, 2000 12:39 PM

**Title Number** 298  
**Title Type** MLN  
**Lease Name** Keswick No 7  
**Status** Granted, 16/05/1981

**Party Details**

Type	Miner No	%	Name	ACN
Current	7846	100.00	TOOMEBRIDGE PTY. LTD. PO Box 21 BROOME	008 782 867
Applicant	1958	50.00	BROWN Ida Muriel PO Box 818 DARWIN	
Applicant	1957	50.00	BROWN Burge Dawson PO BOX 818 DARWIN	
Past	1958	50.00	BROWN Ida Muriel PO Box 818 DARWIN	
Past	1957	50.00	BROWN Burge Dawson PO BOX 818 DARWIN	
Manager		0.00	TOOMEBRIDGE PTY. LTD. PO Box 21 BROOME	008 782 867

**Map**

Map Number	Map Name	Year
08/4-IV	BYNOE HARBOUR	

**Application/Grant**

Effective Date	Date Expires	Period	Area
APPLIED: 24-OCT-73		21 Years	3 Hectares
GRANTED: 16-MAY-81	31 DEC 2001	21 Years	2.42 Hectares
VARIATION:			2.42 Hectares

**Renewals**

Renewal Date	Period	Expires	Area
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**Waiver/Deferral**

Year	Date Applied	App/Ref	Reduction Due
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**Annual Report**

Year	Date Received
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**Reduction**

Application Date	Year	Area Retained	Effective Date
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**Dealings - (Other than Caveats)**

Dealing	Number	Lodged	Approved	Registered	Terminated	Reason
Mortgage	4022	21 JAN 1985	05 MAR 1985	05 MAR 1985	29 NOV 1990	Discharged (Mortgage Only)

**Parties:**

Transfer	5288	11 APR 1990	29 NOV 1990	29 NOV 1990
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**Parties:** BROWN  
TOOMEBRIDGE PTY. LTD.

Northern Territory of Australia  
Mining Act

Regulation 31

Search Certificate

Report run on: December 15, 2000 12:39 PM

**Title Number** 298  
**Title Type** MLN  
**Lease Name** Keswick No 7  
**Status** Granted, 16/05/1981

**Dealings - (Other than Caveats)**

Dealing	Number	Lodged	Approved	Registered	Terminated	Reason
Transfer	5288	11 APR 1990	29 NOV 1990	29 NOV 1990		

**Parties:** BROWN  
TOOMEBRIDGE PTY. LTD.

Transfer 90770 10 MAY 2000

**Parties:** TOOMEBRIDGE PTY. LTD.  
PASPALEY PEARLING COMPANY PTY LTD

**Caveats**

Caveat	Number	Lodged	Registered	Terminated	Continuation	Dealing for Cont
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**ALRA**

Alra Trans Type	Offer No.	Proposal	Extend	Effective Date	To Date
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**Gazette**

Gazette Number	Gazette Date
ntg39	02 OCT 1981

**Survey Plan**

Survey Number	Effective Date
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Mining Registrar

Friday the fifteenth of December 2000