

**IVANPLATS SYERSTON
PTY LIMITED**

ABN 21 008 755 155

Project Office:
Level 5, 190 St Georges Terrace
Perth, WA 6000
Phone: (08) 9322 0970
Fax: (08) 9226 5155
Postal Address:
GPO Box 2783 Cloisters Square,
Perth WA 6001

21 October 2005

Department of Planning
Mining & Extractive Industries
Major Development Assessment
Level 4 Western Gallery
23 – 33 Bridge St
Sydney NSW 2000

Attention: Phil Jones- Environmental Planning Officer
Major Development Assessment

Dear Phil

**Syerston Nickel Cobalt Project
Application to Modify Development Consent
Location of Borefields**

Enclosed is an application to modify the Development Consent for the Syerston Nickel Cobalt Project (Project) under Section 96(1) of the *Environmental Planning and Assessment Act 1979* (EP&A Act).

Ivanplats Syerston Pty Limited (Ivanplats) proposes to modify the consented location of the borefields component of the Project. The land consented in 2001 for the location of the borefields is inconsistent with land specified in applications for bore licences in 1998 and the draft bore licence conditions, both attached. It appears that a misdescription of the location of the borefields occurred when the Environmental Impact Statement (EIS, Resource Strategies 2000) for the Project was being prepared. The reason(s) for this misdescription is unknown to Ivanplats and only came to light when the final draft bore licence conditions were received in September 2005.

The consented development area for the Project is shown in Figure ES-2 in the EIS (copy attached). The consented locations of the bores in the eastern and western borefield (6 in total), transfer facilities for pumping, and interconnecting pipework are shown in Figure C3-3 in the EIS (copy attached). Ivanplats proposes to undertake a modification to the Project, comprising changing the location of the:

- bores in the eastern and western borefield;
- transfer station; and
- interconnecting pipework between the bores.

The water pipeline would be extended to the proposed new location of the transfer station. The proposed locations are shown in a revised Production Bore Location figure attached. The bore locations are shown as general areas as the exact location of the bores will not be known until drilling commences and suitable water extractions tested. It is intended that the bores be located as close as possible to the southern boundaries of the freehold land, i.e. the boundaries closest to North Condobolin Road.

The proposed modification is only with respect to location. No change is proposed to the type and capacity of bores and associated equipment.

Details of the proposed modification are provided in Table 1.

Legal Advice

Ivanplats has received legal advice from Minters Ellison Lawyers on this matter:

“On the basis of the wording of Section 96 of the EP&A Act it is our view that Department of Planning can lawfully approve a section 96 modification application seeking the Proposed Changes over land not included in the development application.”

where the Proposed Changes are the proposed locations for the bores and interconnecting pipework.

Additionally, Minters Ellison Lawyers advised that:

“it is our opinion that the proposed modified Development Consent (i.e the Development Consent with the Proposed Changes) would be substantially the same as the original Development Consent (i.e the original unmodified Development Consent).”

Bore Licences

Bore Licences with conditions acceptable to Ivanplats for the six bores, have been prepared by the Department of Infrastructure, Planning and Natural Resources (DIPNR Water). The licences will be issued when the locations of the bores in the Development Consent are consistent with those in the licences.

Land Ownership

Land ownership in the borefield area has changed since development was consented. The proposed locations for the bores, transfer station, interconnecting pipework and the extended water pipeline are on land owned by:

- Mr Timothy Webb (Lot 6 DP 598735, Lots 24 and 103 DP 752106); and
- Shire of Forbes (road reserves).

These landowners have agreed to the location of Project facilities on their land. Letters consenting the submission of this modification are attached.

Table 1
Proposed Modification to the Project

Project Component	Original Project	Modified Project
Land Subject to Development for Water Bores/Pipelines Summary	Appendix 1, Development Consent: Lot 5 and 6 DP 598735 Lots 85, 95, 96, 99 and 100 DP 752106 And all Crown road reserves, Crown land, road reserves, main roads, rail corridors and travelling stock routes within the development application area	Lot 6 DP 598735 Lots 24 and 103 DP 752106 And all Crown road reserves, Crown land, road reserves, main roads, rail corridors and travelling stock routes within the development application area
Components of Water Bores/Pipelines: Water Bores – Western Borefield	Lot 5 DP 598735 ¹	Lot 6 DP 598735 Road reserve adjacent and opposite Lot 15 DP 752077
Water Bores – Eastern Borefields	Lots 95, 96 and 100 DP 752106 ¹	Lots 24 and 103 DP 752106
Transfer Station	Lot 5 DP 598735 ¹	Lot 24 DP 752106
Pipework interconnecting western and eastern borefield	Lot 5 DP 598735 ¹ Lots 95, 96 and 100 DP 752106	Lot 6 DP 598735 Lots 24 and 103 DP 752106 Road reserves
Main Water Pipeline	Road reserve ¹	Road reserve
Disturbance Area	Areas where bores, borefield facilities, interconnecting pipework and access road located.	Reduced disturbance for interconnecting pipework due to shorter length. Extended length of main water pipeline will follow same route as pipework interconnecting western and eastern borefields. Reduced disturbance for access road as existing road will be used for access. Relocation of some bores and interconnecting pipework from agricultural land to road reserves.
Borefields Plant and Equipment	Two borefields each comprising three bores, break storage tank, transfer pumps, transformers, telemetry station, interconnecting pipework, access road along alignment of interconnecting pipework and power supply from existing infrastructure.	No change.
Groundwater Extraction Rate	100L/s (as per Bore Licence conditions)	No change.
Borefields Construction	Easements, layout area etc.	No change.
Borefields Operation	Monitoring, inspections and maintenance.	No change.

Environmental Effects

The EIS considered potential environmental issues relating to the construction and operation of the Project including land resources, water resources, flora, fauna, Aboriginal heritage, European heritage, air quality, noise, socio-economics and transport.

Attached is an aerial photograph of the borefield area showing the consented and proposed locations of bores, pipelines and transfer station. Note that a low-lying area of

¹ Based on interpretation of EIS Figure C3-3.

land on Lot 24 DP 752106 has been excluded from the proposed new locations due to the presence of trees.

The existing uses for the land that comprises the proposed new locations are as per the consented locations - agricultural on predominantly cleared land and road reserve. No change to potential impacts is expected due to the proposed modification. Mitigation measures detailed in the EIS and Development Consent will apply to the proposed new locations. Where practicable, pipelines will be positioned in the cleared sections of road reserve to minimise disturbance to trees and shrubs.

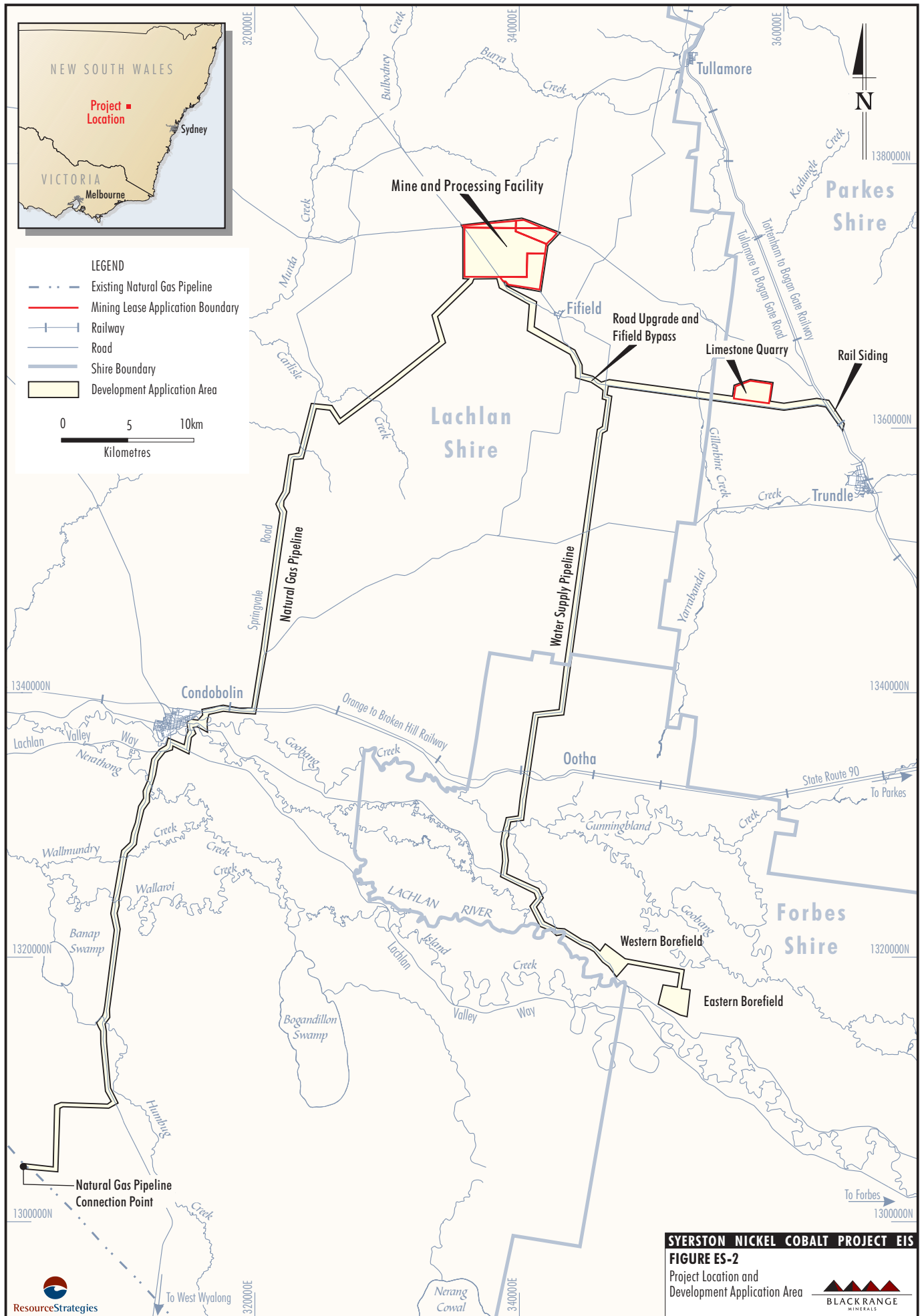
Preparation of a Borefields Environmental Management Plan (BEMP) for the borefields in accordance with the Development Consent has commenced.

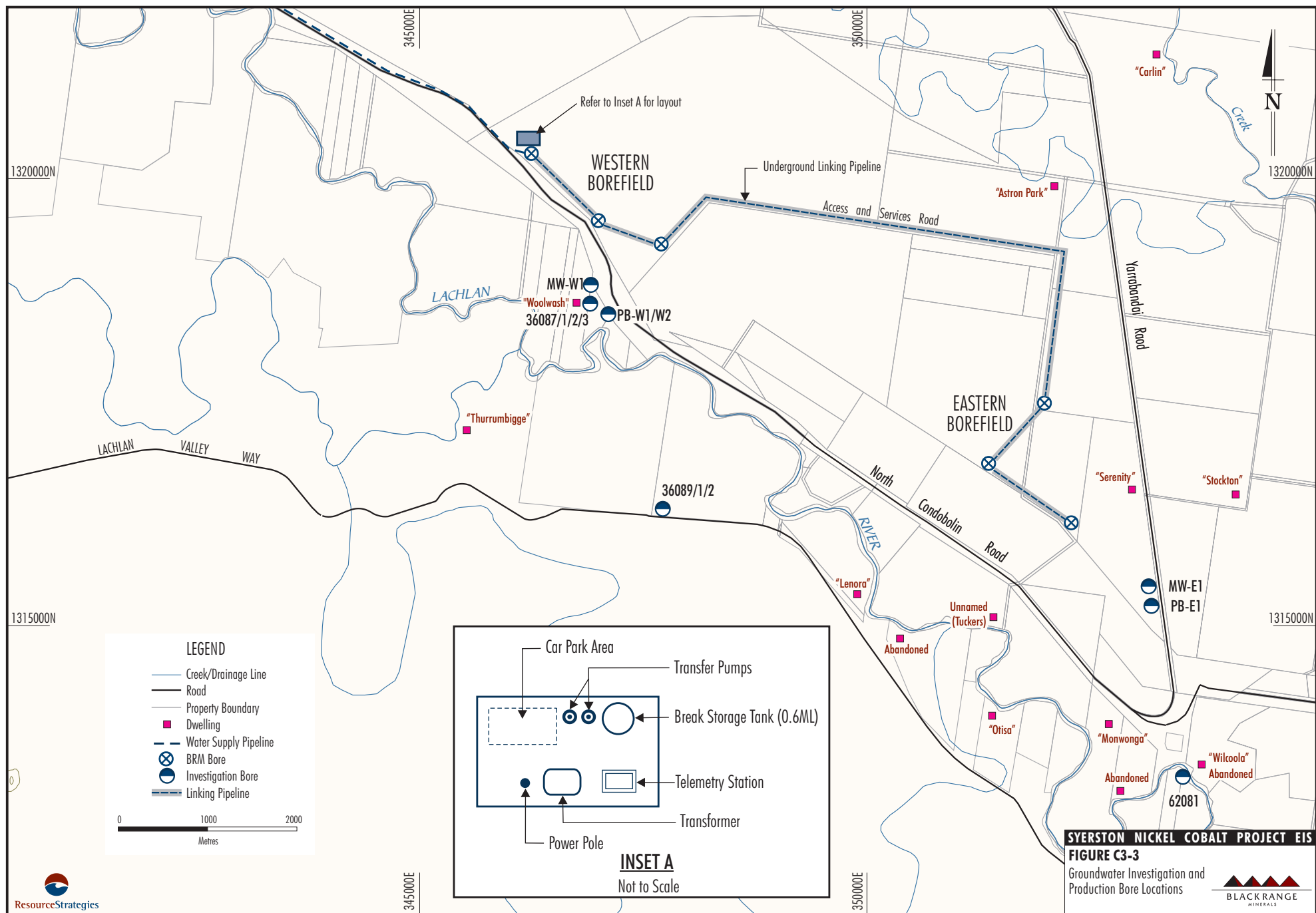
Please advise if you require any further information on this matter.

Yours faithfully

M Ryan
Project Manager
Syerston Nickel Cobalt Project
Ivanplats Syerston Pty Limited

cc: David Kitto, Manager – Mining & Extractive Industries





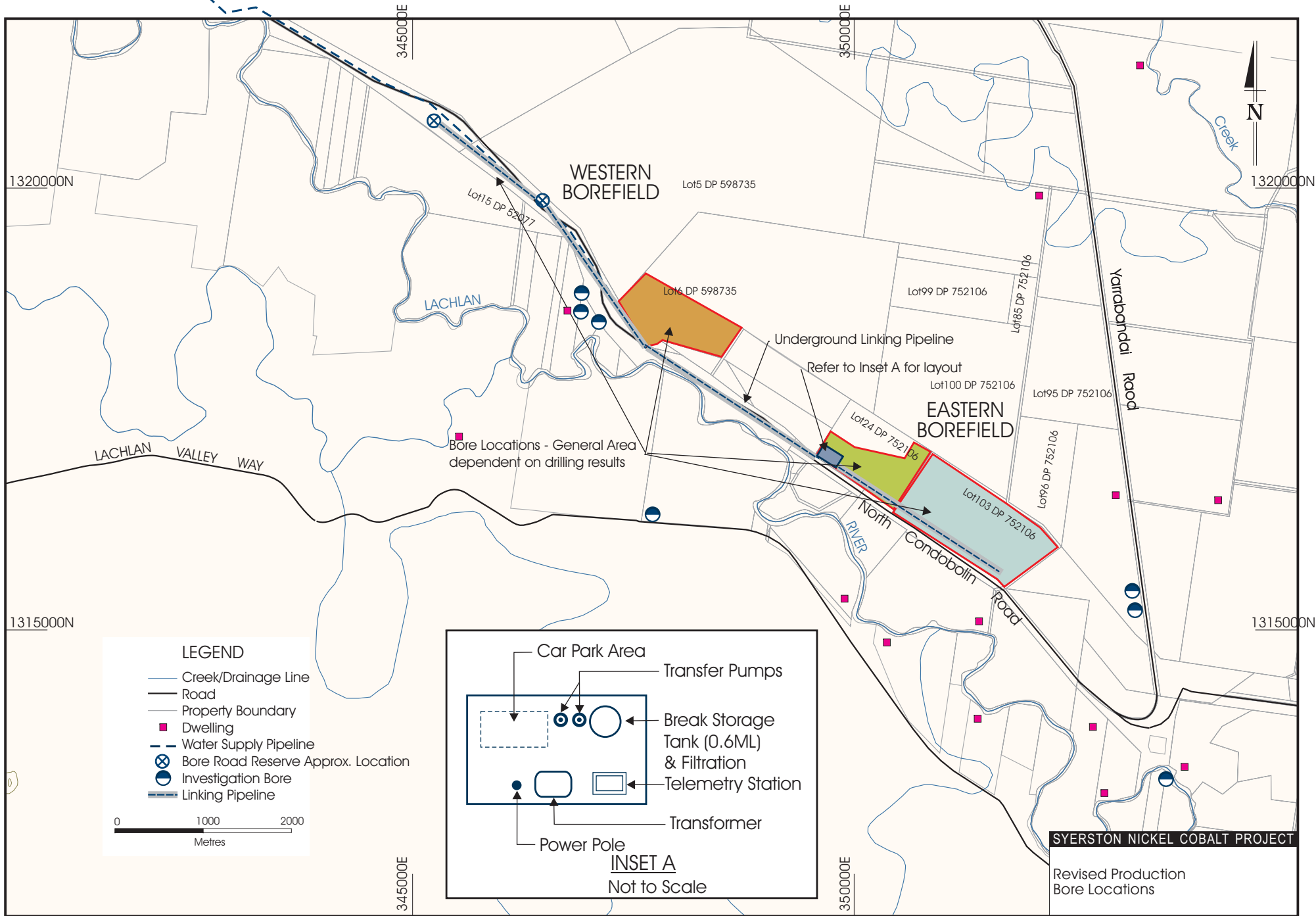


Figure: Aerial Photo showing approximate
lot boundaries and Lot/DP numbers





APPLICATION FOR A BORE LICENSE UNDER PART V OF THE WATER ACT, 1912

Bore License Section
Box 952 P.O.
North Sydney N.S.W. 2060
Phone (02) 9220121

SECTION 1.

Applicant(s) Name(s) (Note 1)	Surname(s) COFFEY GEORGINES PTY LTD.	First Name(s)		
Postal Address	P.O. BOX 125, NORTH RYDE NSW	Post Code 1670	Telephone 02 9888 4444	
Property Address	FORBES SHIRE COUNCIL TOWN HALL P.O. BOX 333, FORBES.	Post Code 2871	Telephone 6850 1333	
Location of work to be Licensed (Note 2)	Portion OPPOSITE ROAD IS ON ROAD EASEMENT.	Parish BULRANG	County CUNNINGHAM	
Nature of work to be Licensed (Note 3)	<input checked="" type="checkbox"/> Proposed Is work to replace an abandoned work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Alteration Is work to be altered already Licensed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Proposed depth in metres 120	<input type="checkbox"/> Existing Is Application replacing an existing License? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Type of work	<input checked="" type="checkbox"/> Bore <input type="checkbox"/> Well <input type="checkbox"/> Spearpoint(s) <input type="checkbox"/> Excavation <input type="checkbox"/> Artesian Bore			
Purpose for which water is to be used (Note 4)	<input type="checkbox"/> Stock <input type="checkbox"/> Test Bores <input type="checkbox"/> Domestic <input type="checkbox"/> Waste disposal <input type="checkbox"/> Farming <input type="checkbox"/> Drainage	<input type="checkbox"/> Irrigation <input type="checkbox"/> Sand & Gravel Washing <input type="checkbox"/> Town Water <input type="checkbox"/> Industrial/ Commercial <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Mining	Estimated annual usage in megalitres 3154 3000 ML/A	
Complete if other landholders to be supplied with water	Name	Portion	Parish	County
If Application purpose is for Town Water, please provide details of all Town Water Bores & Wells	Number of existing works	Volume of Water taken annually in megalitres	PLEASE READ THE REVERSE FOR NOTES ON HOW TO COMPLETE THIS FORM	

SECTION 2.

COMPLETE SECTION 2 IF THE APPLICATION INCLUDES IRRIGATION

Description of property (From Your Rate Notice or Local Council) (Note 5)	Portion(s)	Parish	County	Total Area Hectares	Is the property leased? <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of Crops to be irrigated (Note 6)	<input type="checkbox"/> Orchard <input type="checkbox"/> Vines <input type="checkbox"/> Other			Area in Hectares	
Any other irrigation from Bores & Wells (Note 7)	Number of Bores & Wells	Type of Crop(s)		Area in Hectares	
Any other irrigation (Note 8)	from Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised <input type="checkbox"/> Yes <input type="checkbox"/> No	From Commission Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	

SECTION 3.

I/We apply for a license to construct and use the works described above and to use the water obtained only for the purpose that I/We have specified on the application, and forward the following:

(Note 9a) 1. A PLAN showing the portion, parish and county of the -
• Boundaries of the land occupied by Me/Us
• Site to be licensed
• Boundaries of any land to be irrigated
• Boundaries of any other property other than My/Our own to be supplied with
water under this application

(Note 9b) 2. THE SUM of \$ being the prescribed FEE. (NOT applicable to Stock/Domestic/Farming or
Test Bores)

(Note 10) Applicant(s) Signature(s) *(Dr Leonard Warren Darcy)* Date **27.7.98**

License No. **227113** DEPARTMENTAL USE ONLY

☐ Fee ☐ Plan ☐ Form 'A'

Application recommended *(Signature)* **6/8/98**

Application approved *(Signature)* **27.6.05**



WATER RESOURCES COMMISSION

APPLICATION FOR A BORE LICENSE

UNDER PART V OF THE WATER ACT, 1912

Bore License Section
Box 952 P.O.
North Sydney N.S.W. 2060
Phone (02) 9220121

SECTION 1.

Applicant(s) Name(s) (Note 1)	Surname(s) <i>LOFFEY GEOSCIENCES PTY LTD</i>		First Name(s)	
Postal Address	<i>P.O. Box 125, NORTH RIDE NSW</i>		Post Code <i>1670</i>	Telephone <i>02 98897444</i>
Property Address	<i>FURBER SHIRE COUNCIL TOWN HALL P.O. Box 333, FURBER</i>		Post Code <i>2871</i>	Telephone <i>08101333</i>
Location of work to be Licensed (Note 2)	Portion <i>OPPOSITE P-2 ON LOT 6 ROAD END OF DP598735</i>	Parish <i>BULLAWONG</i>	County <i>CUNNINGHAM</i>	
Nature of work to be Licensed (Note 3)	<input checked="" type="checkbox"/> Proposed Is work to replace/ an abandoned work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Alteration Is work to be altered already Licensed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Proposed depth in metres <i>120</i>	<input type="checkbox"/> Existing Is Application replacing an existing License? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Type of work	<input checked="" type="checkbox"/> Bore <input type="checkbox"/> Well <input type="checkbox"/> Spearpoint(s) <input type="checkbox"/> Excavation <input type="checkbox"/> Artesian Bore			
Purpose for which water is to be used (Note 4)	<input type="checkbox"/> Stock <input type="checkbox"/> Test Bores <input type="checkbox"/> Domestic <input type="checkbox"/> Waste disposal <input type="checkbox"/> Farming <input type="checkbox"/> Drainage	<input type="checkbox"/> Irrigation <input type="checkbox"/> Sand & Gravel Washing <input type="checkbox"/> Town Water <input type="checkbox"/> Industrial/ Commercial <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Mining	Estimated annual usage in megalitres <i>3154</i> <i>3000 ML/A.</i>	
Complete if other landholders to be supplied with water	Name	Portion	Parish	County
If Application purpose is for Town Water, please provide details of all Town Water Bores & Wells	Number of existing works		Volume of Water taken annually in megalitres	

PLEASE READ THE REVERSE FOR NOTES
ON HOW TO COMPLETE THIS FORM

SECTION 2.

COMPLETE SECTION 2 IF THE APPLICATION INCLUDES IRRIGATION

Description of property (From Your Rate Notice Local Council) (Note 5)	Portion(s)	Parish	County	Total Area Hectares	Is the property leased? <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of Crops to be irrigated (Note 6)	<input type="checkbox"/> Orchard <input type="checkbox"/> Vines <input type="checkbox"/> Other	Area in Hectares			
Any other irrigation from Bores & Wells (Note 7)	Number of Bores & Wells	Type of Crop(s)		Area in Hectares	
Any other irrigation (Note 8)	from Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	From Commission Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	

SECTION 3.

I/We apply for a license to construct and use the works described above and to use the water obtained only for the purpose that I/We have specified on the application, and forward the following:

- (Note 9a) 1. A PLAN showing the portion, parish and county of the -
• Boundaries of the land occupied by Me/Us
• Site to be licensed
• Boundaries of any land to be irrigated
• Boundaries of any other property other than My/Our own to be supplied with water under this application
- (Note 9b) 2. THE SUM of \$ *157* being the prescribed FEE. (NOT applicable to Stock/Domestic/Farming or Test Bores)
- (Note 10) Applicant(s) Signature(s) *(DR. EDWARD WARREN DEWRY)* Date *27.7.98*

License No.

2271111

DEPARTMENTAL USE ONLY

☐ Fee ☐ Plan ☐ Form 'A'

Application recommended

Application approved

6-8-98

27.6.05



WATER RESOURCES COMMISSION

APPLICATION FOR A BORE LICENSE UNDER PART V OF THE WATER ACT, 1912

BORE LICENSE

Bore License Section
Box 952 P.O.
North Sydney N.S.W. 2060
Phone (02) 9220121

SECTION 1.

Applicant(s) Name(s) (Note 1)	Surname(s) <u>COFFEY GEOSCIENCES PTY LTD</u>	First Name(s)		
Postal Address	<u>P.O. Box 121, NORTH RYDE NSW</u>	Post Code <u>1670</u>	Telephone <u>0298887444</u>	
Property Address	<u>FARIES SHIRE COUNCIL TOWN HALL P.O. Box 333, FARIES</u>	Post Code <u>2871</u>	Telephone <u>68501333</u>	
Location of work to be Licensed (Note 2)	Portion <u>OPPOSITE PORTION IS ON ROAD EASEMENT</u>	Parish <u>BURAWONG</u>	County <u>CUNNINGHAM</u>	
Nature of work to be Licensed (Note 3)	<input checked="" type="checkbox"/> Proposed Is work to replace an abandoned work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Alteration Is work to be altered already Licensed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proposed depth in metres <u>120</u>	<input type="checkbox"/> Existing Is Application replacing an existing License? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Type of work	<input checked="" type="checkbox"/> Bore <input type="checkbox"/> Well <input type="checkbox"/> Spearpoint(s) <input type="checkbox"/> Excavation <input type="checkbox"/> Artesian Bore			
Purpose for which water is to be used (Note 4)	<input type="checkbox"/> Stock <input type="checkbox"/> Test Bores <input type="checkbox"/> Domestic <input type="checkbox"/> Waste disposal <input type="checkbox"/> Farming <input type="checkbox"/> Drainage	<input type="checkbox"/> Irrigation <input type="checkbox"/> Sand & Gravel Washing <input type="checkbox"/> Town Water <input type="checkbox"/> Industrial/ Commercial <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Mining	Estimated annual usage in megalitres <u>3154</u> <u>3000 ML/A.</u>	
Complete if other landholders to be supplied with water	Name	Portion	Parish	County
If Application purpose is for Town Water, please provide details of all Town Water Bores & Wells	Number of existing works	Volume of Water taken annually in megalitres	PLEASE READ THE REVERSE FOR NOTES ON HOW TO COMPLETE THIS FORM	

SECTION 2.

COMPLETE SECTION 2 IF THE APPLICATION INCLUDES IRRIGATION

Description of property (From Your Rate Notice or Local Council) (Note 5)	Portion(s)	Parish	County	Total Area Hectares	Is the property leased? <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of Crops irrigated (Note 6)	<input type="checkbox"/> Orchard <input type="checkbox"/> Vines <input type="checkbox"/> Other			Area in Hectares	
Any other irrigation from Bores & Wells (Note 7)	Number of Bores & Wells	Type of Crop(s)		Area in Hectares	
Any other irrigation (Note 8)	from Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	From Commission Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	

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I/We apply for a license to construct and use the works described above and to use the water obtained only for the purpose that I/We have specified on the application, and forward the following:

- (Note 9a) 1. A PLAN showing the portion, parish and county of the -
- Boundaries of the land occupied by Me/US
 - Site to be licensed
 - Boundaries of any land to be irrigated
 - Boundaries of any other property other than My/Our own to be supplied with water under this application
- (Note 9b) 2. THE SUM of \$151 being the prescribed FEE. (NOT applicable to Stock/Domestic/Farming or Test Bores)
- (Note 10) Applicant(s) Signature (DR LEONARD CURRANT DASH) Date 27.7.98

License No.

227112

DEPARTMENTAL USE ONLY

☐ Fee

☐ Plan

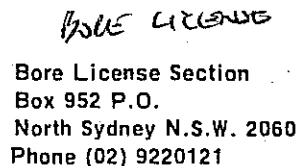
☐ Form 'A'

Application recommended

Application approved

6-8-98

27.6.05



Application approved Kane 11/27/60



WATER RESOURCES COMMISSION

APPLICATION FOR A BORE LICENSE

UNDER PART V OF THE WATER ACT, 1912

Bore License Section
Box 952 P.O.
North Sydney N.S.W. 2060
Phone (02) 9220121

File: 71.06.00
82.13.01
Production
Bore License

SECTION 1.

Applicant(s) Name(s) (Note 1)	Surname(s) COFFEY GEOSCIENCES PTY LTD	First Name(s)			
Postal Address	P.O. Box 125, NORTH RYDE NSW	Post Code 1670	Telephone 02 9888 7444		
Property Address	FULBES SHIRE COUNCIL TOWN HALL P.O. Box 333, FORBES	Post Code 2871	Telephone 68501333		
Location of work to be Licensed (Note 2)	Portion Opposite Portion 77 Lot 193 DP 752106 ON BATHURST R.	Parish MUN/WONGA	County CUNNINGHAM		
Nature of work to be Licensed (Note 3)	<input checked="" type="checkbox"/> Proposed Is work to replace an abandoned work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Alteration Is work to be altered already Licensed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Proposed depth in metres 120 <input type="checkbox"/> Existing Is Application replacing an existing License? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of work	<input checked="" type="checkbox"/> Bore <input type="checkbox"/> Well <input type="checkbox"/> Spearpoint(s) <input type="checkbox"/> Excavation <input type="checkbox"/> Artesian Bore				
Purpose for which water is to be used (Note 4)	<input type="checkbox"/> Stock <input type="checkbox"/> Test Bores <input type="checkbox"/> Domestic <input type="checkbox"/> Waste disposal <input type="checkbox"/> Farming <input type="checkbox"/> Drainage	<input type="checkbox"/> Irrigation <input type="checkbox"/> Sand & Gravel Washing <input type="checkbox"/> Town Water <input type="checkbox"/> Industrial/ Commercial <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Mining	Estimated annual usage in megalitres 3354 3000 ML/A R.		
Complete if other landholders to be supplied with water	Name	Portion	Parish	County	Purpose of Supply
If Application purpose is for Town Water, please provide details of all Town Water Bores & Wells	Number of existing works	Volume of Water taken annually in megalitres	PLEASE READ THE REVERSE FOR NOTES ON HOW TO COMPLETE THIS FORM		

SECTION 2.

COMPLETE SECTION 2 IF THE APPLICATION INCLUDES IRRIGATION

Description of property (From Council Rate Notice or Local Council) (Note 5)	Portion(s)	Parish	County	Total Area Hectares	Is the property leased? <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of Crops to be irrigated (Note 6)	<input type="checkbox"/> Orchard <input type="checkbox"/> Vines <input type="checkbox"/> Other			Area in Hectares	
Any other irrigation from Bores & Wells (Note 7)	Number of Bores & Wells	Type of Crop(s)		Area in Hectares	
Any other irrigation (Note 8)	from Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	From Commission Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	

SECTION 3.

I/We apply for a license to construct and use the works described above and to use the water obtained only for the purpose that I/We have specified on the application, and forward the following:

Note 9a) 1. A PLAN showing the portion, parish and county of the -

- Boundaries of the land occupied by Me/Us
- Site to be licensed
- Boundaries of any land to be irrigated
- Boundaries of any other property other than My/Our own to be supplied with water under this application

Note 9b) 2. THE SUM of \$ being the prescribed FEE. (NOT applicable to Stock/Domestic/Farming or

Test Bores)

Note 10) Applicant(s) Signature: (DE LEONARDI) [Signature] Date: 27.7.98

License No.

2271116

DEPARTMENTAL USE ONLY

☐ Fee ☐ Plan ☐ Form 'A'

Application recommended

Application approved

6-8-98

27.6.05



WATER RESOURCES COMMISSION

APPLICATION FOR A BORE LICENSE

UNDER PART V OF THE WATER ACT, 1912

Bore License Section
Box 952 P.O.
North Sydney N.S.W. 2060
Phone (02) 9220121

Producers
Bore License

SECTION 1.

Applicant(s) Name(s) (Note 1)	Surname(s) COFFEY GEOSCIENCES PTY LTD	First Name(s)			
Postal Address	P.O. Box 125, NORTH RYDE NSW	Post Code 1670	Telephone 029 888 7444		
Property Address	FORBES SHIRE Council TOWN HALL P.O. BOX 333, FORBES	Post Code 2871	Telephone 68501333		
Location of work to be Licensed (Note 2)	Portion LOT 103 DP 752106 99 ON ROAD ENCLOSURE	Parish MONWONGA	County CUNNINGHAM		
Nature of work to be Licensed (Note 3)	<input checked="" type="checkbox"/> Proposed Is work to replace an abandoned work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Alteration Is work to be altered already Licensed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Proposed depth in metres 120 <input type="checkbox"/> Existing Is Application replacing an existing License? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of work	<input checked="" type="checkbox"/> Bore <input type="checkbox"/> Well <input type="checkbox"/> Spearpoint(s) <input type="checkbox"/> Excavation <input type="checkbox"/> Artesian Bore				
Purpose for which water is to be used (Note 4)	<input type="checkbox"/> Stock <input type="checkbox"/> Test Bores <input type="checkbox"/> Domestic <input type="checkbox"/> Waste disposal <input type="checkbox"/> Farming <input type="checkbox"/> Drainage	<input type="checkbox"/> Irrigation <input type="checkbox"/> Sand & Gravel Washing <input type="checkbox"/> Town Water <input type="checkbox"/> Industrial/ Commercial <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Mining	Estimated annual usage in megalitres 3154 3000 ML/A		
Complete if other landholders to be supplied with water	Name	Portion	Parish	County	Purpose of Supply
If Application purpose is for Town Water, please provide details of all Town Water Bores & Wells	Number of existing works	Volume of Water taken annually in megalitres	PLEASE READ THE REVERSE FOR NOTES ON HOW TO COMPLETE THIS FORM		

SECTION 2.

COMPLETE SECTION 2 IF THE APPLICATION INCLUDES IRRIGATION

Description of property (From Yor-Rate Notice or (al Council)) (Note 5)	Portion(s)	Parish	County	Total Area Hectares	Is the property leased? <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of Crops to be irrigated (Note 6)	<input type="checkbox"/> Orchard <input type="checkbox"/> Vines <input type="checkbox"/> Other	Area in Hectares			
Any other irrigation from Bores & Wells (Note 7)	Number of Bores & Wells	Type of Crop(s)	Area in Hectares		
Any other irrigation (Note 8)	from Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	From Commission Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised	

SECTION 3.

I/We apply for a license to construct and use the works described above and to use the water obtained only for the purpose that I/We have specified on the application, and forward the following:

Note 9a) 1. A PLAN showing the portion, parish and county of the -

- Boundaries of the land occupied by Me/Us
- Site to be licensed
- Boundaries of any land to be irrigated
- Boundaries of any other property other than My/Our own to be supplied with water under this application

Note 9b) 2. THE SUM of \$ being the prescribed FEE. (NOT applicable to Stock/Domestic/Farming or Test Bores)

Note 10) Applicant(s) Signature(s) *(DR LEONARD WILSON DURY)* Date **27.7.98**

License No. **227115** DEPARTMENTAL USE ONLY

☐ Fee ☐ Plan ☐ Form 'A'

Application recommended

Application approved: *(Signature)* **6-8-98**
27.7.98

Post
8777420
31-7-98
\$151.00



Department of
Infrastructure, Planning and Natural Resources

RECEIVED
21/9/05

Contact: Viv Russell
Phone: (02) 6853 9007
Fax: (02) 6852 3419
Email: viv.russell@dpi.nsw.gov.au

Ivanplats Syerston Pty Limited
GPO Box 2783
Cloisters Square
PERTH WA 6001

Our ref: 70BL227111
File:

Attention: Mick Ryan

30 August 2005

Dear Sir

Subject: Bore Licence Conditions

I refer to your letter of 19 July 2005 and our subsequent meeting on 5 August 2005.

In response to the specific issues you raised, the following is provided:

Cover Letter

1. Native Title referral: The application had to be referred twice due to an administrative error in the initial referral. All requirements under Native Title Act are now complete.
2. Licence term: The vast majority of high yield bore licences, surface water licences and approvals issued under the Water Act, 1912, have a 5 year term. Upon the expiration of the licence period the holder is invited to renew the licence for a further 5 years. Unless circumstances have changed radically from when the licence was originally issued, the renewal is automatic.

General Conditions

1. Condition included to provide for disposal of water during testing, as requested.
2. Condition amended to increase volume to be consistent with the Development Consent, as requested.
3. As agreed, the condition will provide the flexibility Ivanplats is seeking and remains unaltered.
4. As discussed, the carryover is a standard condition that applies the majority of high yield groundwater licences.
5. For the reasons outlined at our meeting, the Department is not prepared to relax the distance requirement from the monitoring bore.

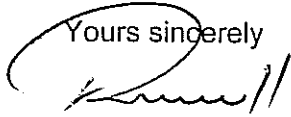
Bore Locations

Location description for the bores has been amended as requested.

The amended condition statements and schedules are attached. Please advise if these are now acceptable. If no objections are forthcoming the Department will issue the licences once

notification is received that the Development Consent has been modified to include the altered bore locations.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Viv Russell', with a large, sweeping loop at the beginning and a double slash at the end.

Viv Russell
Resource Access Manager,
Central West Region

SCHEDULE

APPLICATION NO: 70BL227111

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	6//598735	Burrawong	Cunningham

Purpose
Water supply for mining purposes

Details of Land to be Irrigated

<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
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Area: Hectares

Department of Infrastructure, Planning and Natural Resources**CONDITIONS STATEMENT****70BL227111**

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

(5) (A) THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IF A FLOWING SUPPLY OF WATER IS OBTAINED. THE BORE SHALL THEN BE LINED WITH CASING AND CEMENTED AND A SUITABLE CLOSING GEAR SHALL BE ATTACHED TO THE BOREHEAD AS SPECIFIED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

(6) IF A WORK IS ABANDONED AT ANY TIME THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES THAT THE WORK HAS BEEN ABANDONED AND SEAL OFF THE AQUIFER BY:-

(A) BACKFILLING THE WORK TO GROUND LEVEL WITH CLAY OR CEMENT AFTER WITHDRAWING THE CASING (LINING); OR

(B) SUCH METHODS AS AGREED TO OR DIRECTED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(7) TAILWATER DRAINAGE SHALL NOT BE ALLOWED TO DISCHARGE ONTO ADJOINING ROADS, CROWN LAND OR OTHER PERSONS LAND, OR INTO ANY RIVER AS DEFINED UNDER THE WATER ACT, OR ANY GROUNDWATER AQUIFER, BY SURFACE OR SUB-SURFACE DRAINS OR PIPES OR ANY OTHER MEANS.

(8) NOTWITHSTANDING CONDITION(7); DURING THE CONSTRUCTION, DEVELOPMENT AND MAINTENANCE STAGES OF THE BORE, TAILWATER MAY BE DISPOSED OF ONTO ADJOINING PUBLIC OR CROWN LAND, OR ANY OTHER PERSON'S LAND, ONLY WITH THE OWNER'S CONSENT.

(9) WORKS USED FOR THE PURPOSE OF CONVEYING, DISTRIBUTING OR STORING WATER FROM THE WORK AUTHORISED BY THIS LICENSE SHALL NOT BE CONSTRUCTED OR INSTALLED SO AS TO OBSTRUCT THE FREE PASSAGE OF FLOODWATERS FLOWING IN, TO OR FROM A RIVER OR LAKE.

(10) DURING THE FIRST YEAR OF ISSUE OF THIS LICENSE THE VOLUMETRIC ALLOCATION IS DIRECTLY PROPORTIONAL FROM THE DATE OF ISSUE OF THE LICENSE TO THE END OF THE IRRIGATION YEAR.

(11) THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES SHALL HAVE THE RIGHT DURING THE CURRENCY OF THIS LICENSE TO VARY AT ANY TIME THE VOLUMETRIC ALLOCATION, OR THE RATE AT WHICH THIS ALLOCATION IS TAKEN.

(12) THE LICENSEE SHALL INSTALL TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IN RESPECT OF LOCATION, TYPE AND CONSTRUCTION AN APPLIANCE(S) TO MEASURE THE QUANTITY OF WATER EXTRACTED FROM THE WORKS. THE APPLIANCE(S) TO CONSIST OF EITHER A MEASURING WEIR OR WEIRS WITH AUTOMATIC RECORDER, OR METER OR METERS OF THE DETHRIDGE TYPE, OR SUCH OTHER CLASS OF METER OR MEANS OF MEASUREMENT AS MAY BE APPROVED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES. THE APPLIANCE(S) SHALL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. A RECORD OF ALL WATER EXTRACTED FROM THE WORKS SHALL BE KEPT AND SUPPLIED TO THE DEPARTMENT UPON REQUEST. THE LICENSEE WHEN REQUESTED MUST SUPPLY A TEST CERTIFICATE AS TO THE ACCURACY OF THE APPLIANCE(S) FURNISHED EITHER BY THE MANUFACTURER OR BY SOME PERSON DULY QUALIFIED.

(13) DURING THE MONTH OF JULY EACH YEAR THE LICENSEE SHALL FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES ON A FORM WHICH WILL BE PROVIDED, A RETURN SHOWING THE METER READING OF THE HOURS PUMPED, THE EXTRACTION RATE FOR EACH MONTH DURING THE PREVIOUS TWELVE MONTHS, AND IF AN IRRIGATION LICENSE, THE AREA OF EACH CROP TYPE IRRIGATED AND THE METHOD OF APPLICATION OF THE WATER, REGARDLESS OF THE NUMBER OF TIMES SUCH AREAS WERE ACTUALLY WATERED.

(14) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR, IN JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(16) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//629402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(17) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227112, 70BL227113, 70BL227114, 70BL227115 AND 70BL227116 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(18) NOTWITHSTANDING CONDITION (16), THIS LICENCE AND LICENCES 70BL227112 AND 70BL227113 ARE RESTRICTED TO 1728 MEGALITRES PER YEAR (100 LITRES PER SECOND FOR 200 DAYS PER YEAR).

(19) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(20) THE WORKS MUST BE:-

- (1) IF POSSIBLE 200 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(21) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE AVAILABLE WATER DETERMINATION (AWD).

(22) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

End Of Conditions

SCHEDULE

APPLICATION NO: 70BL227112

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	Road Reserve Adjacent 15//752077	Burrawong	Cunningham

Purpose
Water supply for mining purposes

Details of Land to be Irrigated

<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
Area: Hectares		

Department of Infrastructure, Planning and Natural Resources**CONDITIONS STATEMENT****70BL227112**

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

(5) (A) THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IF A FLOWING SUPPLY OF WATER IS OBTAINED. THE BORE SHALL THEN BE LINED WITH CASING AND CEMENTED AND A SUITABLE CLOSING GEAR SHALL BE ATTACHED TO THE BOREHEAD AS SPECIFIED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

(6) IF A WORK IS ABANDONED AT ANY TIME THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES THAT THE WORK HAS BEEN ABANDONED AND SEAL OFF THE AQUIFER BY:-

(A) BACKFILLING THE WORK TO GROUND LEVEL WITH CLAY OR CEMENT AFTER WITHDRAWING THE CASING (LINING); OR

(B) SUCH METHODS AS AGREED TO OR DIRECTED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(7) TAILWATER DRAINAGE SHALL NOT BE ALLOWED TO DISCHARGE ONTO ADJOINING ROADS, CROWN LAND OR OTHER PERSONS LAND, OR INTO ANY RIVER AS DEFINED UNDER THE WATER ACT, OR ANY GROUNDWATER AQUIFER, BY SURFACE OR SUB-SURFACE DRAINS OR PIPES OR ANY OTHER MEANS.

(8) NOT WITHSTANDING CONDITION (7), DURING THE CONSTRUCTION, DEVELOPMENT AND MAINTENANCE STAGES OF THE BORE, TAILWATER MAY BE DISPOSED OF ONTO ADJOINING PUBLIC OR CROWN LAND, OR ANY OTHER PERSON'S LAND, ONLY WITH THE OWNER'S CONSENT.

(9) WORKS USED FOR THE PURPOSE OF CONVEYING, DISTRIBUTING OR STORING WATER FROM THE WORK AUTHORISED BY THIS LICENSE SHALL NOT BE CONSTRUCTED OR INSTALLED SO AS TO OBSTRUCT THE FREE PASSAGE OF FLOODWATERS FLOWING IN, TO OR FROM A RIVER OR LAKE.

(10) DURING THE FIRST YEAR OF ISSUE OF THIS LICENSE THE VOLUMETRIC ALLOCATION IS DIRECTLY PROPORTIONAL FROM THE DATE OF ISSUE OF THE LICENSE TO THE END OF THE IRRIGATION YEAR.

(11) THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES SHALL HAVE THE RIGHT DURING THE CURRENCY OF THIS LICENSE TO VARY AT ANY TIME THE VOLUMETRIC ALLOCATION, OR THE RATE AT WHICH THIS ALLOCATION IS TAKEN.

(12) THE LICENSEE SHALL INSTALL TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IN RESPECT OF LOCATION, TYPE AND CONSTRUCTION AN APPLIANCE(S) TO MEASURE THE QUANTITY OF WATER EXTRACTED FROM THE WORKS. THE APPLIANCE(S) TO CONSIST OF EITHER A MEASURING WEIR OR WEIRS WITH AUTOMATIC RECORDER, OR METER OR METERS OF THE DETHRIDGE TYPE, OR SUCH OTHER CLASS OF METER OR MEANS OF MEASUREMENT AS MAY BE APPROVED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES. THE APPLIANCE(S) SHALL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. A RECORD OF ALL WATER EXTRACTED FROM THE WORKS SHALL BE KEPT AND SUPPLIED TO THE DEPARTMENT UPON REQUEST. THE LICENSEE WHEN REQUESTED MUST SUPPLY A TEST CERTIFICATE AS TO THE ACCURACY OF THE APPLIANCE(S) FURNISHED EITHER BY THE MANUFACTURER OR BY SOME PERSON DULY QUALIFIED.

(13) DURING THE MONTH OF JULY EACH YEAR THE LICENSEE SHALL FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES ON A FORM WHICH WILL BE PROVIDED, A RETURN SHOWING THE METER READING OF THE HOURS PUMPED, THE EXTRACTION RATE FOR EACH MONTH DURING THE PREVIOUS TWELVE MONTHS, AND IF AN IRRIGATION LICENSE, THE AREA OF EACH CROP TYPE IRRIGATED AND THE METHOD OF APPLICATION OF THE WATER, REGARDLESS OF THE NUMBER OF TIMES SUCH AREAS WERE ACTUALLY WATERED.

(14) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//629402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(16) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227111, 70BL227113, 70BL227114, 710BL227115 AND 70BL227116 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(17) NOTWITHSTANDING CONDITION (15), THIS LICENCE AND LICENCES 70BL227111 AND 70BL227113 ARE RESTRICTED TO 1728 MEAGLITRES PER YEAR (100 LITRES PER SECOND FOR 200 DAYS).

(18) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(19) THE WORKS MUST BE:-

- (1) 1 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(20) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR, IN JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(21) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE AVAILABLE WATER DETERMINATION.

(22) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(23) THE BORE IS TO BE PLACED IN A ROAD RESERVE. STANDARD MINIMUM PROPERTY BOUNDARY OFF SETS OF 200 METRES IS UNATTAINABLE. THEREFORE MINIMUM DISTANCE FROM A PROPERTY BOUNDARY IS 1 METRE.

End Of Conditions

SCHEDULE

APPLICATION NO: 70BL227113

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	Road Reserve Opposite 15//752077	Burrawong	Cunningham

Purpose
Water supply for mining purposes

Details of Land to be Irrigated

<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
Area: Hectares		

Department of Infrastructure, Planning and Natural Resources

CONDITIONS STATEMENT

70BL227113

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

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(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

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(14) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//929402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(16) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227111, 70BL227112, 70BL227114, 70BL227115 AND 70BL227116 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(17) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF

THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(18) THE WORKS MUST BE:-

- (1) 1 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(19) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR, IN JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(20) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE THE AVAILABLE WATER DETERMINATION.

(21) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(22) NOTWITHSTANDING CONDITION (13), THIS LICENCE AND LICENCES 70BL227111 AND 70BL227112 ARE RESTRICTED TO 1728 MEGALITRES PER YEAR (100 LITRES PER SECOND FOR 200 DAYS).

(23) THE BORE IS TO BE PLACED IN A ROAD RESERVE. STANDARD PROPERTY BOUNDARY OFF SET OF 200 METRES IS UNATTAINABLE. THEREFORE THE MINIMUM DISTANCE FROM A PROPERTY BOUNDARY IS 1 METRE.

End Of Conditions

SCHEDULE

APPLICATION NO: 70BL227114

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	24//752106	Monwonga	Cunningham

Purpose
Water supply for mining purposes

Details of Land to be Irrigated

<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
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Area: Hectares

Department of Infrastructure, Planning and Natural Resources**CONDITIONS STATEMENT****70BL227114**

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

(5) (A) THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IF A FLOWING SUPPLY OF WATER IS OBTAINED. THE BORE SHALL THEN BE LINED WITH CASING AND CEMENTED AND A SUITABLE CLOSING GEAR SHALL BE ATTACHED TO THE BOREHEAD AS SPECIFIED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

(6) IF A WORK IS ABANDONED AT ANY TIME THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES THAT THE WORK HAS BEEN ABANDONED AND SEAL OFF THE AQUIFER BY:-

(A) BACKFILLING THE WORK TO GROUND LEVEL WITH CLAY OR CEMENT AFTER WITHDRAWING THE CASING (LINING); OR

(B) SUCH METHODS AS AGREED TO OR DIRECTED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(7) TAILWATER DRAINAGE SHALL NOT BE ALLOWED TO DISCHARGE ONTO ADJOINING ROADS, CROWN LAND OR OTHER PERSONS LAND, OR INTO ANY RIVER AS DEFINED UNDER THE WATER ACT, OR ANY GROUNDWATER AQUIFER, BY SURFACE OR SUB-SURFACE DRAINS OR PIPES OR ANY OTHER MEANS.

(8) NOTWITHSTANDING CONDITION (7); DURING THE CONSTRUCTION, DEVELOPMENT AND MAINTENANCE STAGES OF THE BORE, TAILWATER MAY BE DISPOSED OF ONTO ADJOINING PUBLIC OR CROWN LAND, OR ANY OTHER PERSON'S LAND, ONLY WITH THE OWNER'S CONSENT.

(9) WORKS USED FOR THE PURPOSE OF CONVEYING, DISTRIBUTING OR STORING WATER FROM THE WORK AUTHORISED BY THIS LICENSE SHALL NOT BE CONSTRUCTED OR INSTALLED SO AS TO OBSTRUCT THE FREE PASSAGE OF FLOODWATERS FLOWING IN, TO OR FROM A RIVER OR LAKE.

(10) DURING THE FIRST YEAR OF ISSUE OF THIS LICENSE THE VOLUMETRIC ALLOCATION IS DIRECTLY PROPORTIONAL FROM THE DATE OF ISSUE OF THE LICENSE TO THE END OF THE IRRIGATION YEAR.

(11) THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES SHALL HAVE THE RIGHT DURING THE CURRENCY OF THIS LICENSE TO VARY AT ANY TIME THE VOLUMETRIC ALLOCATION, OR THE RATE AT WHICH THIS ALLOCATION IS TAKEN.

(12) THE LICENSEE SHALL INSTALL TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IN RESPECT OF LOCATION, TYPE AND CONSTRUCTION AN APPLIANCE(S) TO MEASURE THE QUANTITY OF WATER EXTRACTED FROM THE WORKS. THE APPLIANCE(S) TO CONSIST OF EITHER A MEASURING WEIR OR WEIRS WITH AUTOMATIC RECORDER, OR METER OR METERS OF THE DETHRIDGE TYPE, OR SUCH OTHER CLASS OF METER OR MEANS OF MEASUREMENT AS MAY BE APPROVED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES. THE APPLIANCE(S) SHALL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. A RECORD OF ALL WATER EXTRACTED FROM THE WORKS SHALL BE KEPT AND SUPPLIED TO THE DEPARTMENT UPON REQUEST. THE LICENSEE WHEN REQUESTED MUST SUPPLY A TEST CERTIFICATE AS TO THE ACCURACY OF THE APPLIANCE(S) FURNISHED EITHER BY THE MANUFACTURER OR BY SOME PERSON DULY QUALIFIED.

(13) DURING THE MONTH OF JULY EACH YEAR THE LICENSEE SHALL FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES ON A FORM WHICH WILL BE PROVIDED, A RETURN SHOWING THE METER READING OF THE HOURS PUMPED, THE EXTRACTION RATE FOR EACH MONTH DURING THE PREVIOUS TWELVE MONTHS, AND IF AN IRRIGATION LICENSE, THE AREA OF EACH CROP TYPE IRRIGATED AND THE METHOD OF APPLICATION OF THE WATER, REGARDLESS OF THE NUMBER OF TIMES SUCH AREAS WERE ACTUALLY WATERED.

(14) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//929402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(16) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227111, 70BL227112, 70BL227113, 70BL227115 AND 70BL227116 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(17) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF

THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(18) THE WORKS MUST BE:-

- (1) IF POSSIBLE 200 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK, OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(19) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR, IN JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(20) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE AVAILABLE WATER DETERMINATION.

(21) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(22) NOTWITHSTANDING CONDITION (15), THE MAXIMUM VOLUME OF WATER THAT MAY BE EXTRACTED IN ANY YEAR COMMENCING 1ST JULY FROM THE AUTHORISED WORKS OF THIS LICENCE AND LICENCES 70BL227115 AND 70BL227116 IS 1728 MEGALITRES PER YEAR (100 LITRES PER SECOND FOR 200 DAYS).

End Of Conditions

SCHEDULE

APPLICATION NO: 70BL227115

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	103//752106	Monwonga	Cunningham

Purpose
Water supply for mining purposes

Details of Land to be Irrigated

<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
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Area: Hectares

Department of Infrastructure, Planning and Natural Resources**CONDITIONS STATEMENT****70BL227115**

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

(5) (A) THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IF A FLOWING SUPPLY OF WATER IS OBTAINED. THE BORE SHALL THEN BE LINED WITH CASING AND CEMENTED AND A SUITABLE CLOSING GEAR SHALL BE ATTACHED TO THE BOREHEAD AS SPECIFIED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

(6) IF A WORK IS ABANDONED AT ANY TIME THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES THAT THE WORK HAS BEEN ABANDONED AND SEAL OFF THE AQUIFER BY:-

(A) BACKFILLING THE WORK TO GROUND LEVEL WITH CLAY OR CEMENT AFTER WITHDRAWING THE CASING (LINING); OR

(B) SUCH METHODS AS AGREED TO OR DIRECTED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(7) TAILWATER DRAINAGE SHALL NOT BE ALLOWED TO DISCHARGE ONTO ADJOINING ROADS, CROWN LAND OR OTHER PERSONS LAND, OR INTO ANY RIVER AS DEFINED UNDER THE WATER ACT, OR ANY GROUNDWATER AQUIFER, BY SURFACE OR SUB-SURFACE DRAINS OR PIPES OR ANY OTHER MEANS.

(8) NOTWITHSTANDING CONDITION (7); DURING THE CONSTRUCTION, DEVELOPMENT AND MAINTENANCE STAGES OF THE BORE, TAIL WATER MAY BE DISPOSED OF ONTO ADJOINING PUBLIC OR CROWN LAND, OR ANY OTHER PERSON'S LAND, ONLY WITH THE OWNER'S CONSENT.

(9) WORKS USED FOR THE PURPOSE OF CONVEYING, DISTRIBUTING OR STORING WATER FROM THE WORK AUTHORISED BY THIS LICENSE SHALL NOT BE CONSTRUCTED OR INSTALLED SO AS TO OBSTRUCT THE FREE PASSAGE OF FLOODWATERS FLOWING IN, TO OR FROM A RIVER OR LAKE.

(10) DURING THE FIRST YEAR OF ISSUE OF THIS LICENSE THE VOLUMETRIC ALLOCATION IS DIRECTLY PROPORTIONAL FROM THE DATE OF ISSUE OF THE LICENSE TO THE END OF THE IRRIGATION YEAR.

(11) THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES SHALL HAVE THE RIGHT DURING THE CURRENCY OF THIS LICENSE TO VARY AT ANY TIME THE VOLUMETRIC ALLOCATION, OR THE RATE AT WHICH THIS ALLOCATION IS TAKEN.

(12) THE LICENSEE SHALL INSTALL TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IN RESPECT OF LOCATION, TYPE AND CONSTRUCTION AN APPLIANCE(S) TO MEASURE THE QUANTITY OF WATER EXTRACTED FROM THE WORKS. THE APPLIANCE(S) TO CONSIST OF EITHER A MEASURING WEIR OR WEIRS WITH AUTOMATIC RECORDER, OR METER OR METERS OF THE DETHRIDGE TYPE, OR SUCH OTHER CLASS OF METER OR MEANS OF MEASUREMENT AS MAY BE APPROVED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES. THE APPLIANCE(S) SHALL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. A RECORD OF ALL WATER EXTRACTED FROM THE WORKS SHALL BE KEPT AND SUPPLIED TO THE DEPARTMENT UPON REQUEST. THE LICENSEE WHEN REQUESTED MUST SUPPLY A TEST CERTIFICATE AS TO THE ACCURACY OF THE APPLIANCE(S) FURNISHED EITHER BY THE MANUFACTURER OR BY SOME PERSON DULY QUALIFIED.

(13) DURING THE MONTH OF JULY EACH YEAR THE LICENSEE SHALL FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES ON A FORM WHICH WILL BE PROVIDED, A RETURN SHOWING THE METER READING OF THE HOURS PUMPED, THE EXTRACTION RATE FOR EACH MONTH DURING THE PREVIOUS TWELVE MONTHS, AND IF AN IRRIGATION LICENSE, THE AREA OF EACH CROP TYPE IRRIGATED AND THE METHOD OF APPLICATION OF THE WATER, REGARDLESS OF THE NUMBER OF TIMES SUCH AREAS WERE ACTUALLY WATERED.

(14) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//929402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(16) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227111, 70BL227112, 70BL227113, 70BL227114 AND 70BL227116 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(17) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF

THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(18) THE WORKS MUST BE:-

- (1) IF POSSIBLE 200 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(19) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR, IN JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(20) NOTWITHSTANDING CONDITION (18), THE MAXIMUM VOLUME OF GROUND WATER THAT MAY BE EXTRACTED IN ANY YEAR COMMENCING 1ST JULY FROM THE AUTHORISED WORKS UNDER THIS LICENCE AND LICENCES 70BL227114 AND 70BL227116 SHALL NOT EXCEED 1728 MEGALITRES PER YEAR (100 LITRES PER SECOND FOR 200 DAYS).

(21) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE AVAILABLE WATER DETERMINATION.

(22) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

End Of Conditions

SCHEDULE

APPLICATION NO: 70BL227116

<u>Works</u>	<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>
1 x Bore	103//752106	Monwonga	Cunningham

<u>Purpose</u>
Water supply for mining purposes

<u>Details of Land to be Irrigated</u>		
<u>Portion or Lot/Section/DP</u>	<u>Parish</u>	<u>County</u>

Area: Hectares

Department of Infrastructure, Planning and Natural Resources**CONDITIONS STATEMENT****70BL227116**

(1) THE LICENCE SHALL LAPSE IF THE WORK IS NOT COMMENCED AND COMPLETED WITHIN THREE YEARS OF THE DATE OF THE ISSUE OF THE LICENCE.

(2) THE LICENSEE SHALL WITHIN TWO (2) MONTHS OF COMPLETION OR AFTER THE ISSUE OF THE LICENCE IF THE WORK IS EXISTING, FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES:-

(A) DETAILS OF THE WORK AS SET OUT IN THE FORM "A" (MUST BE COMPLETED BY A DRILLER, DULY LICENSED IN NEW SOUTH WALES).

(B) A PLAN SHOWING ACCURATELY THE LOCATION OF THE WORK IN RELATION TO PORTION AND PROPERTY BOUNDARIES,

(C) DETAILS OF ANY PUMPING TESTS CARRIED OUT,

(D) DETAILS OF ANY WATER ANALYSIS.

(3) THE LICENSEE SHALL ALLOW THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES OR ANY PERSON AUTHORISED BY IT, FULL AND FREE ACCESS TO THE WORKS, EITHER DURING OR AFTER CONSTRUCTION, FOR THE PURPOSE OF CARRYING OUT INSPECTION OR TEST OF THE WORKS AND ITS FITTINGS AND SHALL CARRY OUT ANY WORK OR ALTERATIONS DEEMED NECESSARY BY THE DEPARTMENT FOR THE PROTECTION AND PROPER MAINTENANCE OF THE WORKS, OR THE CONTROL OF THE WATER EXTRACTED AND FOR THE PROTECTION OF THE QUALITY AND THE PREVENTION FROM POLLUTION OR CONTAMINATION OF SUB-SURFACE WATER.

(4) IF DURING THE CONSTRUCTION OF THE WORK, SALINE OR POLLUTED WATER IS ENCOUNTERED ABOVE THE PRODUCING AQUIFER, SUCH WATER SHALL BE SEALED OFF BY:-

(A) INSERTING THE APPROPRIATE LENGTH(S) OF CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR POLLUTED WATER FROM THE WORK.

(B) CEMENTING BETWEEN THE CASING(S) AND THE WALLS OF THE BORE HOLE FROM THE BOTTOM OF THE CASING TO GROUND LEVEL.

ANY DEPARTURE FROM THESE PROCEDURES MUST BE APPROVED BY THE DEPARTMENT BEFORE UNDERTAKING THE WORK.

(5) (A) THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IF A FLOWING SUPPLY OF WATER IS OBTAINED. THE BORE SHALL THEN BE LINED WITH CASING AND CEMENTED AND A SUITABLE CLOSING GEAR SHALL BE ATTACHED TO THE BOREHEAD AS SPECIFIED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(B) IF A FLOWING SUPPLY OF WATER IS OBTAINED FROM THE WORK, THE LICENSEE SHALL ONLY DISTRIBUTE WATER FROM THE BORE HEAD BY A SYSTEM OF PIPE LINES AND SHALL NOT DISTRIBUTE IT IN DRAINS, NATURAL OR ARTIFICIAL CHANNELS OR DEPRESSIONS.

(6) IF A WORK IS ABANDONED AT ANY TIME THE LICENSEE SHALL NOTIFY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES THAT THE WORK HAS BEEN ABANDONED AND SEAL OFF THE AQUIFER BY:-

(A) BACKFILLING THE WORK TO GROUND LEVEL WITH CLAY OR CEMENT AFTER WITHDRAWING THE CASING (LINING); OR

(B) SUCH METHODS AS AGREED TO OR DIRECTED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

(7) TAILWATER DRAINAGE SHALL NOT BE ALLOWED TO DISCHARGE ONTO ADJOINING ROADS, CROWN LAND OR OTHER PERSONS LAND, OR INTO ANY RIVER AS DEFINED UNDER THE WATER ACT, OR ANY GROUNDWATER AQUIFER, BY SURFACE OR SUB-SURFACE DRAINS OR PIPES OR ANY OTHER MEANS.

(8) NOTWITHSTANDING CONDITION (7); DURING CONSTRUCTION, DEVELOPMENT AND MAINTENANCE STAGES OF THE BORE, TAILWATER MAY BE DISPOSED OF ONTO ADJOINING PUBLIC OR CROWN LAND, OR ANY OTHER PERSON'S LAND, ONLY WITH THE OWNERS CONSENT.

(9) WORKS USED FOR THE PURPOSE OF CONVEYING, DISTRIBUTING OR STORING WATER FROM THE WORK AUTHORISED BY THIS LICENSE SHALL NOT BE CONSTRUCTED OR INSTALLED SO AS TO OBSTRUCT THE FREE PASSAGE OF FLOODWATERS FLOWING IN, TO OR FROM A RIVER OR LAKE.

(10) DURING THE FIRST YEAR OF ISSUE OF THIS LICENSE THE VOLUMETRIC ALLOCATION IS DIRECTLY PROPORTIONAL FROM THE DATE OF ISSUE OF THE LICENSE TO THE END OF THE IRRIGATION YEAR.

(11) THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES SHALL HAVE THE RIGHT DURING THE CURRENCY OF THIS LICENSE TO VARY AT ANY TIME THE VOLUMETRIC ALLOCATION, OR THE RATE AT WHICH THIS ALLOCATION IS TAKEN.

(12) THE LICENSEE SHALL INSTALL TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IN RESPECT OF LOCATION, TYPE AND CONSTRUCTION AN APPLIANCE(S) TO MEASURE THE QUANTITY OF WATER EXTRACTED FROM THE WORKS. THE APPLIANCE(S) TO CONSIST OF EITHER A MEASURING WEIR OR WEIRS WITH AUTOMATIC RECORDER, OR METER OR METERS OF THE DETHRIDGE TYPE, OR SUCH OTHER CLASS OF METER OR MEANS OF MEASUREMENT AS MAY BE APPROVED BY THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES. THE APPLIANCE(S) SHALL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. A RECORD OF ALL WATER EXTRACTED FROM THE WORKS SHALL BE KEPT AND SUPPLIED TO THE DEPARTMENT UPON REQUEST. THE LICENSEE WHEN REQUESTED MUST SUPPLY A TEST CERTIFICATE AS TO THE ACCURACY OF THE APPLIANCE(S) FURNISHED EITHER BY THE MANUFACTURER OR BY SOME PERSON DULY QUALIFIED.

(13) DURING THE MONTH OF JULY EACH YEAR THE LICENSEE SHALL FURNISH TO THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES ON A FORM WHICH WILL BE PROVIDED, A RETURN SHOWING THE METER READING OF THE HOURS PUMPED, THE EXTRACTION RATE FOR EACH MONTH DURING THE PREVIOUS TWELVE MONTHS, AND IF AN IRRIGATION LICENSE, THE AREA OF EACH CROP TYPE IRRIGATED AND THE METHOD OF APPLICATION OF THE WATER, REGARDLESS OF THE NUMBER OF TIMES SUCH AREAS WERE ACTUALLY WATERED.

(14) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 4, 5, 6, 7, 8, 9, 10//754021, PART 13//754021
PARISH : TOUT
COUNTY : KENNEDY

(15) LOCATION OF LAND ON WHICH WATER MAY BE USED:-

LOT/DP: 11, 12, 24//752089, 281//610057 AND 352//929402
PARISH : GILLENBINE SEBASTAPOL
COUNTY : CUNNINGHAM

(16) THE VOLUME OF GROUNDWATER EXTRACTED FROM THE WORKS AUTHORISED BY THIS LICENSE AND BY LICENSE(S) 70BL227111, 70BL227112, 70BL227113, 70BL227114 AND 70BL227115 SHALL NOT EXCEED 3154 MEGALITRES IN ANY 12 MONTH PERIOD COMMENCING 1ST JULY.

(17) NOTWITHSTANDING CONDITION (15), THE MAXIMUM VOLUME OF GROUNDWATER THAT MAY BE EXTRACTED IN ANY YEAR COMMENCING 1ST JULY BY THE AUTHORISED WORKS UNDER THIS LICENCE AND LICENCES 70BL227114 AND 70BL227115 SHALL NOT EXCEED 1728 MEGALITRES PER YEAR (100

LITRES PER SECOND FOR 200 DAYS).

(18) ANY GROUNDWATER ALLOCATION NOT USED IN ANY PERIOD OF 12 MONTHS COMMENCING 1ST JULY MAY ACCRUE FOR USE IN FUTURE SEASONS. CARRY-OVER WILL BE AT THE RATE OF 10% PER YEAR AND UP TO A MAXIMUM OF 20 % OF THE BASE ALLOCATION. IT WILL ONLY BE PERMITTED IF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES IS SATISFIED AS TO THE ACCURACY OF THE RECORDED USAGE.

(19) THE WORKS MUST BE:-

- (1) IF POSSIBLE 200 METRES FROM ANY BOUNDARY OF THE PROPERTY.
- (2) 600 METRES FROM ANY IRRIGATION BORE ON ANY ADJOINING PROPERTY.
- (3) 500 METRES FROM ANY TOWN WATER SUPPLY BORE.
- (4) 500 METRES FROM ANY DEPARTMENT OBSERVATION BORE.
- (5) 40 METRES FROM THE NEAREST HIGH BANK OF ANY RIVER, CREEK OR WATERCOURSE,
- (6) 500 METRES FROM ANY ARTESIAN BORE ON AN ADJOINING PROPERTY,
- (7) 200 METRES FROM ANY WETLAND OR OTHER NATURE - CONSERVATION AREA.

(20) THE LICENSEE SHALL MEASURE AND RECORD BOTH THE PUMPING AND NON-PUMPING WATER LEVELS IN THE BORE AT LEAST FOUR TIMES EACH YEAR EACH YEAR, IN BOTH JANUARY, APRIL, JULY AND OCTOBER, AND FORWARD A COPY OF THESE RECORDS WITH THE ANNUAL GROUNDWATER RETURN.

(21) A 24 HOUR PUMP TEST MUST BE CONDUCTED TO DETERMINE AVAILABLE WATER DETERMINATION.

(22) THE TOP 65 METRES MUST BE SEALED OFF BY EITHER PRESSURE CEMENTING OR CEMENT GROUT TO THE SATISFACTION OF THE DEPARTMENT OF INFRASTRUCTURE, PLANNING AND NATURAL RESOURCES.

End Of Conditions