



## **AGENDA**

### **SPECIAL COUNCIL MEETING**

**TO BE HELD ON**

**TUESDAY 11 APRIL 2017**

**AT 5.30PM**

**SHIRE COUNCIL CHAMBERS**



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# **DISCLAIMER**

## **INFORMATION FOR PUBLIC ATTENDING COUNCIL MEETINGS**

**PLEASE NOTE:**

**THE RECOMMENDATIONS CONTAINED IN THIS AGENDA ARE OFFICERS RECOMMENDATIONS ONLY AND SHOULD NOT BE ACTED UPON UNTIL COUNCIL HAS RESOLVED TO ADOPT THOSE RECOMMENDATIONS.**

**THE RESOLUTIONS OF COUNCIL SHOULD BE CONFIRMED BY PERUSING THE MINUTES OF THE COUNCIL MEETING AT WHICH THESE RECOMMENDATIONS WERE CONSIDERED.**

**MEMBERS OF THE PUBLIC SHOULD ALSO NOTE THAT THEY ACT AT THEIR OWN RISK IF THEY ENACT ANY RESOLUTION PRIOR TO RECEIVING AN OFFICIAL WRITTEN NOTIFICATION OF COUNCILS DECISION.**

**SEAN FLETCHER  
A/CHIEF EXECUTIVE OFFICER**

## COUNCIL MEETING INFORMATION NOTES

1. Your Council generally handles all business at Ordinary or Special Council Meetings.
2. From time to time Council may form a Committee to examine subjects and then report to Council.
3. Generally all meetings are open to the public, however, from time to time Council will be required to deal with personal, legal and other sensitive matters. On those occasions Council will generally close that part of the meeting to the public. Every endeavour will be made to do this as the last item of business of the meeting.
4. Public Question Time. It is a requirement of the Local Government Act 1995 to allow at least fifteen (15) minutes for public question time following the opening and announcements at the beginning of the meeting. Should there be a series of questions the period can be extended at the discretion of the Chairman.

Written notice of each question should be given to the Chief Executive Officer fifteen (15) minutes prior to the commencement of the meeting. A summary of each question and response is included in the Minutes.

When a question is not able to be answered at the Council Meeting a written answer will be provided after the necessary research has been carried out. Council staff will endeavour to provide the answers prior to the next meeting of Council.

5. **Councillors** may from time to time have a financial interest in a matter before Council. Councillors must declare an interest and the extent of the interest in the matter on the Agenda. However, the Councillor can request the meeting to declare the matter **trivial, insignificant or in common with a significant number of electors or ratepayers**. The Councillor must leave the meeting whilst the matter is discussed and cannot vote unless those present agree as above.

**Members of staff** who have delegated authority from Council to act on certain matters, may from time to time have a financial interest in a matter on the Agenda. The member of staff must declare that interest and generally the Chairman of meeting will advise the Officer if he/she is to leave the meeting.

6. Agendas including an Information Bulletin are delivered to Councillors within the requirements of the Local Government Act 1995, ie seventy-two (72) hours prior to the advertised commencement of the meeting. Whilst late items are generally not considered there is provision on the Agenda for items of an urgent nature to be considered.

Should an elector wish to have a matter placed on the Agenda the relevant information should be forwarded to the Chief Executive Officer in time to allow the matter to be fully researched by staff. An Agenda item including a recommendation will then be submitted to Council for consideration. The Agenda closes the Monday week prior to the Council Meeting (ie ten (10) days prior to the meeting).

The Information Bulletin produced as part of the Agenda includes items of interest and information, which does not require a decision of Council.

7. Agendas for Ordinary Meetings are available in the Morawa Shire offices seventy two (72) hours prior to the meeting and the public are invited to secure a copy.
8. Agenda items submitted to Council will include a recommendation for Council consideration. Electors should not interpret and/or act on the recommendations until after they have been considered by Council. Please note the Disclaimer in the Agenda.
9. Public Question Time – Statutory Provisions – Local Government Act 1995.

1. Time is to be allocated for questions to be raised by members of the public and responded to at:

- (a) Every ordinary meeting of a council; and
- (b) Such other meetings of councils or committees as may be prescribed

Procedures and the minimum time to be allocated for the asking of and responding to questions raised by members of the public at council or committee meetings are to be in accordance with regulations.

9A. Question Time for the Public at Certain Meeting - s5.24 (1) (b)

Local Government (Administration) Regulations 1996

Reg 5 For the purpose of section 5.24(1)(b), the meetings at which time is to be allocated for questions to be raised by members of the public and responded to are:

- (a) every special meeting of a council; and
- (b) every meeting of a committee to which the local government has delegated a power or duty.

Minimum Question Time for the Public – s5.24 (2)

- Reg 6 (1) The minimum time to be allocated for the asking of and responding to questions raised by members of the public at ordinary meetings of councils and meetings referred to in regulation 5 is fifteen (15) minutes.
- (2) Once all the questions raised by members of the public have been asked and responded to at a meeting referred to in sub regulation (1), nothing in these regulations prevents the unused part of the minimum question time period from being used for other matters.

Procedures for Question Time for the Public – s5.24 (2)

Local Government (Administration) Regulations 1996

- Reg 7 (1) Procedures for the asking of and responding to questions raised by members of the public at a meeting referred to in regulation 6 (1) are to be determined:
- (a) by the person presiding at the meeting; or
- (b) in the case where the majority of members of the council or committee present at the meeting disagree with the person presiding, by the majority of members,
- having regard to the requirements of sub regulations (2) and (3).
- (2) The time allocated to the asking and responding to questions raised by members of the public at a meeting referred to in regulation 6(1) is to precede the discussion of any matter that requires a decision to be made by the council or the committee, as the case may be.
- (3) Each member of the public who wishes to ask a question at a meeting referred to in regulation 6(1) is to be given an equal and fair opportunity to ask the question and receive a response.
- (4) Nothing in sub regulation (3) requires:
- (a) A council to answer a question that does not relate to a matter affecting the local government;
- (b) A council at a special meeting to answer a question that does not relate to the purpose of the meeting; or
- (c) A committee to answer a question that does not relate to a function of the committee.

10. Public Inspection of Unconfirmed Minutes (Reg 13)

A copy of the unconfirmed Minutes of Ordinary and Special Meetings will be available for public inspection in the Morawa Shire Offices within ten (10) working days after the Meeting.

**DECLARATION OF  
FINANCIAL INTEREST FORM**

TO: THE CHIEF EXECUTIVE OFFICER

AS REQUIRED BY SECTION 5.65 OF THE LOCAL GOVERNMENT ACT 1995,

I HEREBY DISCLOSE MY INTEREST IN THE FOLLOWING MATTERS OF

THE AGENDA PAPERS FOR THE COUNCIL MEETING DATED \_\_\_\_\_

<b>AGENDA ITEM No.</b>	<b>SUBJECT</b>	<b>NATURE OF INTEREST</b>	<b>MINUTE No.</b>

DISCLOSING PERSON'S NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NOTES:

1. For the purpose of the financial interest provisions you will be treated as having a financial interest in a matter if either you, or a person with whom you are closely associated, have a Direct or indirect financial interest or a proximity interest in the matter.  
**NB: it is important to note that under the Act you are deemed to have a financial interest in a matter if a person with you are closely associated has financial interest or proximity interest. It is not necessary that there be a financial effect on you.**
2. This notice must be given to the Chief Executive Officer prior to the meeting.
3. It is the responsibility of the individual Councillor or Committee Member to disclose a Financial interest. If in doubt, seek appropriate advice.
4. A person who has disclosed an interest must not preside at the part of the meeting relating to The matter, or participate in, be present during any discussion or decision-making procedure relating to the matter unless allowed to do so under Section 5.68 or 5.69 of the Local Government Act 1995.

OFFICE USE ONLY:

1. PARTICULARS OF DECLARATION GIVEN TO MEETING
2. PARTICULARS RECORDED IN MINUTES
3. PARTICULARS RECORDED IN REGISTER.

CHIEF EXECUTIVE OFFICER \_\_\_\_\_ DATED \_\_\_\_\_



**SHIRE OF MORAWA**  
**REQUEST FOR WORKS AND SERVICES**

REPORT ON REQUESTS FOR WORKS AND SERVICES REQUIRING  
ATTENTION BY THE CHIEF EXECUTIVE OFFICER OR DELEGATED TO  
OTHER STAFF BY THE CHIEF EXECUTIVE OFFICER FOR ACTION.

To the Chief Executive Officer,  
I submit the following for consideration at the council meeting held

On \_\_\_\_\_  
Date

\_\_\_\_\_  
Chief Executive Officer

\_\_\_\_\_  
Received Date

Filed On: \_\_\_\_\_  
Date

Item No:	Subject Matter	CEO Action
1.		
2.		
3.		
4.		
5.		
6.		

Councillors Name/Signature \_\_\_\_\_

Date: \_\_\_\_\_

OFFICE USE ONLY	TICK
1. Given to Chief Executive Officer	
2. Placed on Status/Information Report	
3. Action Recorded on Report	

◦

**1. Declaration of Opening**

Declaration of Opening by President at 5.30pm.

1.1 Recording of those Present

Cr K J Chappel	President
Cr D S Carslake	Deputy President
Cr D B Collins	
Cr J M Coaker	
Cr D S Agar	
Cr M J Thornton	
Cr K P Stokes	
Mr J Roberts	Chief Executive Officer
Ms S Appleton	Executive Manager Development & Administration
Mrs W Gledhill	Manager of Accounting and Finance
Mr P Buist	Principal Works Manager
Mrs S Adams	Executive Assistant to CEO

1.2 Recording of Apologies

1.3 Recording Leave of Absence Previously Approved

1.4 Announcements by President without Discussion

1.5 Visitors to Meeting

**2. Public Question Time and Deputations**

**3. Declarations of Interest**

**4. Reports of Committees and Officer**

**Executive Manager Development and Administration**

<i>Item No/ Subject:</i>	<b>4.1 Telstra Tower Planning Consent</b>
<i>Date of Meeting:</i>	<b>12 April 2017</b>
<i>Date &amp; Author:</i>	<b>30 March 2017 - Samantha Appleton</b>
<i>Responsible Officer:</i>	<b>Executive Manager Development &amp; Administration – Samantha Appleton</b>
<i>Applicant/Proponent:</i>	<b>Mr Steve Bruce - Deighton Pty Ltd</b>
<i>File Number:</i>	<b>ADM 0627</b>
<i>Previous minute/s &amp; Reference:</i>	

**SUMMARY**

This report seeks Council support to commence the consultation period relating to a proposed Telstra tower and equipment room located at Koolanooka.

**DECLARATION OF INTEREST**

Nil

**ATTACHMENTS**

Documentation from Telstra contractor relating to proposed upgrade.  
Map of location of site and property title information.

**BACKGROUND INFORMATION**

A Development/Planning Application (Application) has been lodged on behalf of Telstra.

The application seeks approval to install a 60m Guyed mast to accommodate six (6) Argus RPX310B-T2 Panel Antennas at the 59.5m level together with an equipment room which is to be located at the base of the structure as shown in the attachments. The mast and associated equipment will be located at Lot 451 Lochada Road Koolanooka.

**OFFICER’S COMMENT**

The construction of this type of tower is not subject to building approval as it is classed as a class 10 structure in a rural area, however the equipment room located adjacent to the tower will require building approval. It is also exempt from the requirement for planning approval under the current Shire of Morawa Town planning

Scheme No 2. However section 6.3 of State Planning Policy 5.2 requires planning approval and a period of consultation.

As part of the twenty one day consultation process the following will be required;

- advertising in local papers
- placement of a notice at the location
- advise owners of neighbouring properties in writing of the proposal

The consultant for Telstra Mr Bruce has requested that Council give planning consent if no relevant submissions are received, to enable the project to proceed quickly within the time frame set out by Telstra. The motion for this item has been worded accordingly. Should relevant submissions be received, these must be considered by Council prior to a decision being made as to planning consent.

### **STATUTORY ENVIRONMENT**

State Planning Policy 5.2 - Telecommunications Infrastructure  
Shire of Morawa Local Planning Scheme No. 2 Sections 6.2 to 6.6

### **POLICY IMPLICATIONS**

Nil

### **FINANCIAL IMPLICATIONS**

Nil

### **STRATEGIC IMPLICATIONS**

Shire of Morawa Strategic Community Plan  
1.4 Provide essential services and infrastructure to support population growth.

### **RISK MANAGEMENT**

Failure to comply with legislation

### **VOTING REQUIREMENTS**

Simple majority

## **OFFICER'S RECOMMENDATION**

That Council:

1. In accordance with sections 6.3 and 6.4 of the Shire of Morawa Local Planning Scheme, approves the commencement of the required consultation period upon receipt of the planning approval application for the tower located at Lot 451 Lochada Road Koolanooka; and
2. In accordance with Local Planning Scheme No. 2 sections 6.5 and 6.6 grants planning consent for the development application to construct a phone tower at Lot 451 Lochada Road Koolanooka on the proviso that no relevant submissions are received during the public consultation period.

EMDA

# Deighton Pty. Ltd.

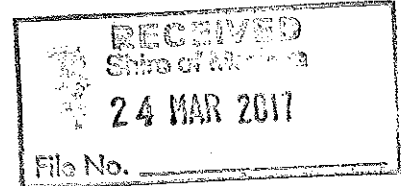
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P.O. Box 81  
NORTH DANDALUP WA 6207  
Telephone: (08) 9530 1550  
Email: srb@southwest.com.au

21<sup>st</sup> March, 2017

Our Ref: Blackspot 57

The Chief Executive Officer,  
Shire of Morawa,  
P.O. Box 14  
MORAWA WA 6623



Dear Sirs/Madam,

**Development/Planning Application for the Black Spot Government Funded Project**  
**Proposed Emergency Services and Mobile Phone Base Station**  
**451 Lochada Rd, Koolanooka WA 6623**  
**(-29.263889 116.226667)**

Telstra is working on a Commonwealth Government and State Government funded project to put emergency services and mobile telephone communications in areas where current coverage is deficient and is proposing a site at the above location. This program is known as the Black Spot Program and Telstra has been contracted to undertake the construction of the sites

Deighton Pty Ltd, act on behalf of Aurecon in regard to the above matter. Aurecon have been instructed by their client Telstra Corporation Limited to prepare and lodge a proposal for the installation.

Following intensive investigations between Government Emergency Services Agencies and Telstra utilizing radio frequency engineers, property and planning consultants and general engineering expertise Telstra has identified a location for the construction of a site under the above project.

The proposal is to install a 60m guyed mast to accommodate six (6) Argus RPX310B-T2 Panel Antennas at the 59.50m level together with an equipment room which is to be located at the base of the structure all as shown on drawings W108283 Sheet S3 and S1 and S1-1 Issue 1.

Additionally the lower area of the structure is to be reserved for the Emergency Services Organisations for potential future requirements.

This Application has been prepared having regard for the Planning Laws and Regulations encompassed within Town Planning Scheme administered by Council that apply to the proposed site.

As a Licensed Carrier under the Commonwealth Telecommunications Act 1997, Telstra is also obliged to comply with the Industry Code on the Deployment of Radiocommunications Infrastructure (the Code) in relation to this proposal. Sections 5.1 and 5.2 of the Code are relevant to the preparation of this Development/Planning Application.

Selection of the site has been made utilising the policy provisions encompassed within the WAPC Statement of Planning Policy No 5.2.

With regard to Section 5.3 of the above policy we advise the following:

- **Proposed Materials and Colour** – It is proposed that the antennas be installed utilising the colour as supplied by the manufacturer.
- **Fencing** – As per drawing.

### **Telstra and EME**

- Telstra places high importance on effective and responsible management of EME issues.
- Telstra acknowledges some people are genuinely concerned about possible health effects from the EME generated by radio frequency technology and is committed to addressing these concerns responsibly.
- Telstra's responsible approach to EME is demonstrated through compliance with relevant radio frequency standards and comprehensive policies and procedures to protect the health and safety of the community and employees.
- Telstra operates responsibly in the design, operation and management of mobile base stations in order to minimise community impact and comply with the industry code of practice (ACIF Code) for base station deployment and operation.
- Telstra also maintains a comprehensive EME research program, monitors international research developments and provides assistance to other research institutions on Australian research into EME. This enables Telstra to have accurate and substantiated scientific information to guide its actions.

### **EME Safety Standard**

In Australia, the EME safety standard is set by ARPANSA and regulated by the Australian Communications Authority (ACA) – the independent regulator of the nation's telecommunications industry.

It is based on careful analysis of the scientific literature (both thermal and non-thermal effects) and is designed to offer protection against identified health effects of EME with a large in-built safety margin. The standard covers EME emissions from all antennas on a single tower, or group of towers.

Compliance with all applicable EME standards is part of Telstra's responsible approach to EME and mobile phone technology.

Further information on EME can be obtained through the ARPANSA Website [www.arpansa.gov.au](http://www.arpansa.gov.au)

A copy of the ACMA EME fact sheet is available at [www.acma.gov.au/consumer info/fact sheets/consumer fact sheets/fsc91.htm](http://www.acma.gov.au/consumer info/fact sheets/consumer fact sheets/fsc91.htm) and a copy of the ACMA EME and Health Video is available at [www.acma.gov.au/csds compliance/electromagnetic radiation/emr videos/index.htm](http://www.acma.gov.au/csds compliance/electromagnetic radiation/emr videos/index.htm)

Telstra confirms that it has applied the Precautionary Approach in selecting the proposed site at the above location in accordance with Section 5.1 of the Code. Further, that the Precautionary Approach has also been applied to the design of this proposed monopole installation in accordance with Section 5.2 of the Code.

We have enclosed the fully signed Development Application Form from the owner. Please advise the amount of the Application Fee and will pay immediately.

Should you wish to discuss this proposal please do not hesitate to contact the undersigned.

Yours faithfully,



.....  
Steve Bruce,  
**DIRECTOR**

DEIGHTON PTY LTD

Enclosures





## Environmental EME Report

### 451 Lochada Road, KOOLANOOKA WA 6623

This report provides a summary of Calculated RF EME Levels around the wireless base station

Date 3/2/2017

RFNSA Site No. 6623012

### Introduction

The purpose of this report is to provide calculations of EME levels from the existing facilities at the site and any proposed additional facilities.

This report provides a summary of levels of radiofrequency (RF) electromagnetic energy (EME) around the wireless base station at 451 Lochada Road KOOLANOOKA WA 6623. These levels have been calculated by Telstra using methodology developed by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

The maximum EME level calculated for the proposed systems at this site is 0.16% of the public exposure limit.

### The ARPANSA Standard

ARPANSA, an Australian Government agency in the Health and Ageing portfolio, has established a Radiation Protection Standard specifying limits for general public exposure to RF transmissions at frequencies used by wireless base stations. The Australian Communications and Media Authority (ACMA) mandates the exposure limits of the ARPANSA Standard.

### How the EME is calculated in this report

The procedure used for these calculations is documented in the ARPANSA Technical Report "Radio Frequency EME Exposure Levels - Prediction Methodologies" which is available at <http://www.arpansa.gov.au>.

RF EME values are calculated at 1.5m above ground at various distances from the base station, assuming level ground.

The estimate is based on worst-case scenario, including:

- wireless base station transmitters for mobile and broadband data operating at maximum power
- simultaneous telephone calls and data transmission
- an unobstructed line of sight view to the antennas.

In practice, exposures are usually lower because:

- the presence of buildings, trees and other features of the environment reduces signal strength
- the base station automatically adjusts transmit power to the minimum required.

Maximum EME levels are estimated in 360° circular bands out to 500m from the base station.

These levels are cumulative and take into account emissions from all wireless base station antennas at this site.

The EME levels are presented in three different units:

- volts per metre (V/m) – the electric field component of the RF wave
- milliwatts per square metre (mW/m<sup>2</sup>) – the power density (or rate of flow of RF energy per unit area)
- percentage (%) of the ARPANSA Standard public exposure limit (the public exposure limit = 100%).

### Results

The maximum EME level calculated for the proposed systems at this site is 1.54 V/m; equivalent to 6.32 mW/m<sup>2</sup> or 0.16% of the public exposure limit.

## Radio Systems at the Site

There are currently no existing radio systems for this site.

It is proposed that this base station will have equipment for transmitting the following services:

Carrier	Radio Systems
Telstra	WCDMA850 (proposed), LTE700 (proposed)

## Calculated EME Levels

This table provides calculations of RF EME at different distances from the base station for emissions from existing equipment alone and for emissions from existing equipment and proposed equipment combined.

Distance from the antennas at 451 Lochada Road in 360° circular bands	Maximum Cumulative EME Level at 1.5m above ground – all carriers at this site					
	Existing Equipment			Proposed Equipment		
	Electric Field V/m	Power Density mW/m <sup>2</sup>	% ARPANSA exposure limits	Electric Field V/m	Power Density mW/m <sup>2</sup>	% ARPANSA exposure limits
0m to 50m				0.37	0.35	0.0087%
50m to 100m				0.55	0.81	0.021%
100m to 200m				0.57	0.87	0.023%
200m to 300m				1.43	5.44	0.14%
300m to 400m				1.54	6.32	0.16%
400m to 500m				1.51	6.077	0.16%
<b>Maximum EME level</b>				1.54	6.32	0.16
	368.98 m from the antennas at 451 Lochada Road					

## Calculated EME levels at other areas of interest

This table contains calculations of the maximum EME levels at selected areas of interest that have been identified through the consultation requirements of the Communications Alliance Ltd Deployment Code C564:2011 or via any other means. The calculations are performed over the indicated height range and include all existing and any proposed radio systems for this site.

Additional Locations	Height / Scan relative to location ground level	Maximum Cumulative EME Level All Carriers at this site Existing and Proposed Equipment		
		Electric Field V/m	Power Density mW/m <sup>2</sup>	% of ARPANSA exposure limits
1   No locations identified				

## RF EME Exposure Standard

The calculated EME levels in this report have been expressed as percentages of the ARPANSA RF Standard and this table shows the actual RF EME limits used for the frequency bands available. At frequencies below 2000 MHz the limits vary across the band and the limit has been determined at the Assessment Frequency indicated. The four exposure limit figures quoted are equivalent values expressed in different units – volts per metre (V/m), watts per square metre (W/m<sup>2</sup>), microwatts per square centimetre (μW/cm<sup>2</sup>) and milliwatts per square metre (mW/m<sup>2</sup>). Note: 1 W/m<sup>2</sup> = 100 μW/cm<sup>2</sup> = 1000 mW/m<sup>2</sup>.

Radio Systems	Frequency Band	Assessment Frequency	ARPANSA Exposure Limit (100% of Standard)
LTE 700	758 – 803 MHz	750 MHz	37.6 V/m = 3.75 W/m <sup>2</sup> = 375 μW/cm <sup>2</sup> = 3750 mW/m <sup>2</sup>
WCDMA850	870 – 890 MHz	900 MHz	41.1 V/m = 4.50 W/m <sup>2</sup> = 450 μW/cm <sup>2</sup> = 4500 mW/m <sup>2</sup>
GSM900, LTE900, WCDMA900	935 – 960 MHz	900 MHz	41.1 V/m = 4.50 W/m <sup>2</sup> = 450 μW/cm <sup>2</sup> = 4500 mW/m <sup>2</sup>
GSM1800, LTE1800	1805 – 1880 MHz	1800 MHz	58.1 V/m = 9.00 W/m <sup>2</sup> = 900 μW/cm <sup>2</sup> = 9000 mW/m <sup>2</sup>
LTE2100, WCDMA2100	2110 – 2170 MHz	2100 MHz	61.4 V/m = 10.00 W/m <sup>2</sup> = 1000 μW/cm <sup>2</sup> = 10000 mW/m <sup>2</sup>
LTE2300	2302 – 2400 MHz	2300 MHz	61.4 V/m = 10.00 W/m <sup>2</sup> = 1000 μW/cm <sup>2</sup> = 10000 mW/m <sup>2</sup>
LTE2600	2620 – 2690 MHz	2600 MHz	61.4 V/m = 10.00 W/m <sup>2</sup> = 1000 μW/cm <sup>2</sup> = 10000 mW/m <sup>2</sup>
LTE3500	3425 – 3575 MHz	3500 MHz	61.4 V/m = 10.00 W/m <sup>2</sup> = 1000 μW/cm <sup>2</sup> = 10000 mW/m <sup>2</sup>

## Further Information

The Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) is a Federal Government agency incorporated under the Health and Ageing portfolio. ARPANSA is charged with responsibility for protecting the health and safety of people, and the environment, from the harmful effects of radiation (ionising and non-ionising).

Information about RF EME can be accessed at the ARPANSA website, <http://www.arpansa.gov.au>, including:

- Further explanation of this report in the document "Understanding the ARPANSA Environmental EME Report"
  - The procedure used for the calculations in this report is documented in the ARPANSA Technical Report; "Radio Frequency EME Exposure Levels - Prediction Methodologies"
  - the current RF EME exposure standard
    - Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2002, 'Radiation Protection Standard: Maximum Exposure Levels to Radiofrequency Fields — 3 kHz to 300 GHz', Radiation Protection Series Publication No. 3, ARPANSA, Yallambie Australia.
- [Printed version: ISBN 0-642-79400-6 ISSN 1445-9760] [Web version: ISBN 0-642-79402-2 ISSN 1445-9760]

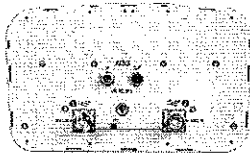
The Australian Communications and Media Authority (ACMA) is responsible for the regulation of broadcasting, radiocommunications, telecommunications and online content. Information on EME is available at <http://emr.acma.gov.au>

The Communications Alliance Ltd Industry Code C564:2011 'Mobile Phone Base Station Deployment' is available from the Communications Alliance Ltd website, <http://commsalliance.com.au>

Contact details for the Carriers (mobile phone companies) present at this site and the most recent version of this document are available online at the Radio Frequency National Site Archive, <http://www.rfnsa.com.au>.

# Product Specifications

COMMSCOPE®



## RPX310B-T2

Single band Antenna, 694–960 MHz, 65° horizontal beamwidth, internal electrical tilt with manual override. Internal Bias-Tee on both RF ports.

- Each port has an integrated bias tee, and a smart switch that automatically selects between bias tee and AISG ports according to a predetermined priority table

### Electrical Specifications

Frequency Band, MHz	694–790	790–890	890–960
Gain, dBi	16.3	16.8	17.1
Beamwidth, Horizontal, degrees	69	66	62
Beamwidth, Vertical, degrees	10.0	8.8	8.2
Beam Tilt, degrees	0–10	0–10	0–10
USLS (First Lobe), dB	18	18	18
Null Fill, dB	-22	-22	-22
Front-to-Back Ratio at 180°, dB	29	28	29
Isolation, dB	28	28	28
VSWR   Return Loss, dB	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150
Input Power per Port, maximum, watts	300	300	300
Polarization	±45°	±45°	±45°
Impedance	50 ohm	50 ohm	50 ohm

### Electrical Specifications, BASTA\*

Frequency Band, MHz	694–790	790–890	890–960
Gain by all Beam Tilts, average, dBi	16.0	16.7	17.0
Gain by all Beam Tilts Tolerance, dB	±0.5	±0.1	±0.2
Gain by Beam Tilt, average, dBi	0°   16.1	0°   16.6	0°   17.0
	5°   16.1	5°   16.7	5°   17.0
	10°   16.0	10°   16.6	10°   17.0
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.6	±1.8
Beamwidth, Vertical Tolerance, degrees	±0.6	±0.4	±0.3
USLS, beampeak to 20° above beampeak, dB	18	18	18
Front-to-Back Total Power at 180° ± 30°, dB	25	24	24
CPR at Boresight, dB	14	16	16
CPR at Sector, dB	12	11	10

\* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, download the whitepaper [Time to Raise the Bar on BSAs](#).

### General Specifications

Operating Frequency Band	694 – 960 MHz
Antenna Type	Sector
Band	Single band
Performance Note	Outdoor usage
Total Input Power, maximum	400 W @ 50 °C

### Mechanical Specifications

RF Connector Quantity, total	2
RF Connector Quantity, low band	2

# Product Specifications

COMMSCOPE®

RPX310B-E2

RF Connector Interface	7-16 DIN Female
Grounding Type	RF connector body grounded to reflector and mounting bracket
Radiator Material	Low loss circuit board
Radome Material	Fiberglass, UV resistant
Reflector Material	Aluminum
RF Connector Location	Bottom
Wind Loading, frontal	1117.0 N @ 150 km/h 251.1 lbf @ 150 km/h
Wind Loading, lateral	352.0 N @ 150 km/h 79.1 lbf @ 150 km/h
Wind Loading, rear	1162.0 N @ 150 km/h 261.2 lbf @ 150 km/h
Wind Speed, maximum	200 km/h   124 mph

## Dimensions

Length	2533.0 mm   99.7 in
Width	350.0 mm   13.8 in
Depth	208.0 mm   8.2 in
Net Weight, without mounting kit	27.0 kg   59.5 lb

## Remote Electrical Tilt (RET) Information

Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1   Port 2
Internal RET	High band (1)
Power Consumption, idle state, maximum	2.0 W
Power Consumption, normal conditions, maximum	13.0 W
Protocol	3GPP/AISG 2.0 (Single RET)
RET Interface	8-pin DIN Female   8-pin DIN Male
RET Interface, quantity	1 female   1 male

## Packed Dimensions

Length	2720.0 mm   107.1 in
Width	436.0 mm   17.2 in
Depth	320.0 mm   12.6 in
Shipping Weight	50.0 kg   110.2 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



# Product Specifications

COMMSCOPE®

RPX310B-T2

## Included Products

T-029-GL-E — Adjustable Tilt Pipe Mounting Kit for 2.0"-4.5" (50-115mm) OD round members for panel antennas. Includes 2 clamp sets.

## \* Footnotes

Performance Note      Severe environmental conditions may degrade optimum performance

## APPLICATION FOR PLANNING APPROVAL

SHIRE OF MORAWA  
LOCAL PLANNING SCHEME NO. 2  
DISTRICT SCHEME

OFFICE USE

Application Number: \_\_\_\_\_  
 Date Received: \_\_\_\_\_  
 Notice of Application \_\_\_\_\_

## Application for Planning Consent

I/We DEIGHTON PTY LTD  
 (Full Name of Applicant)  
 of P.O. BOX 81 NORTH DANDALUP WA P/Code 6207  
 (Address for Correspondence)

hereby apply for planning consent to:

1. Use the land/premises situated at and described as:  
MOBILE TELEPHONE BASE STATION FOR EMERGENCY SERVICES  
 AND TELSTRA
2. Erect, alter or carry out development on land described hereunder in accordance with the accompanying plans (3 copies).

The existing use of the land/building is FARMING

The approximate cost of the proposed development is \$130,000

The estimated time of completion is APPROXIMATELY NINETY DAYS FROM APPROVAL

The approximate number of persons to be housed/employed when the development is completed is  
N/A

## DESCRIPTION OF LAND

## LOCALITY PLAN

House No. 451 Street LOCHADA (indicate distance to nearest intersecting street)

Lot No. 6301 Plan or Diagram DP226612 Location \_\_\_\_\_

Certificate of Title: Volume 1888 Folio 167

Dimensions: Site Area \_\_\_\_\_ sq. metres Frontage \_\_\_\_\_ metres Depth \_\_\_\_\_ m north

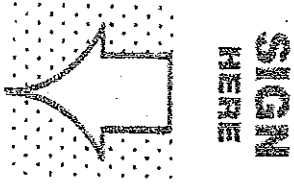
Signature of Applicant [Handwritten Signature]

Date: 16-3-2017

Where the applicant is not the owner the owner's signature is required.

Signature of Owner: [Handwritten Signature]

Date: 17/3/2017



THIS FORM IS TO BE SUBMITTED IN DUPLICATE, TOGETHER WITH THREE COPIES OF PLANS, COMPRISING THE INFORMATION SPECIFIED IN THE PARTICULARS REQUIRED WITH APPLICATION ON PAGE 2 HEREOF.

Note: This is not an application for a building licence.

**PARTICULARS REQUIRED WITH APPLICATIONS**

Where an application involves the erection or alteration of a building or a change in levels of a site, the plans accompanying an application for planning consent must, unless otherwise required by the Council.

1. indicate the position and describe the existing buildings and improvements on the site and indicate those which are to be removed;
2. indicate the position and describe the buildings and improvements proposed to be constructed. their appearance, height and proposed used in relation to existing and proposed contours;
3. indicate the position, type and height of all existing trees on the site and indicate those to be retained and those to be removed;
4. indicate the areas to be landscaped and the location and type of shrubs, trees and other treatment proposed;
5. indicate site contours and details of any proposed alteration to the natural contour of the area;
6. indicate car parking areas, their layout and accessways, dimensions and the position of existing and proposed crossovers;
7. indicate site dimensions and be to metric scale.

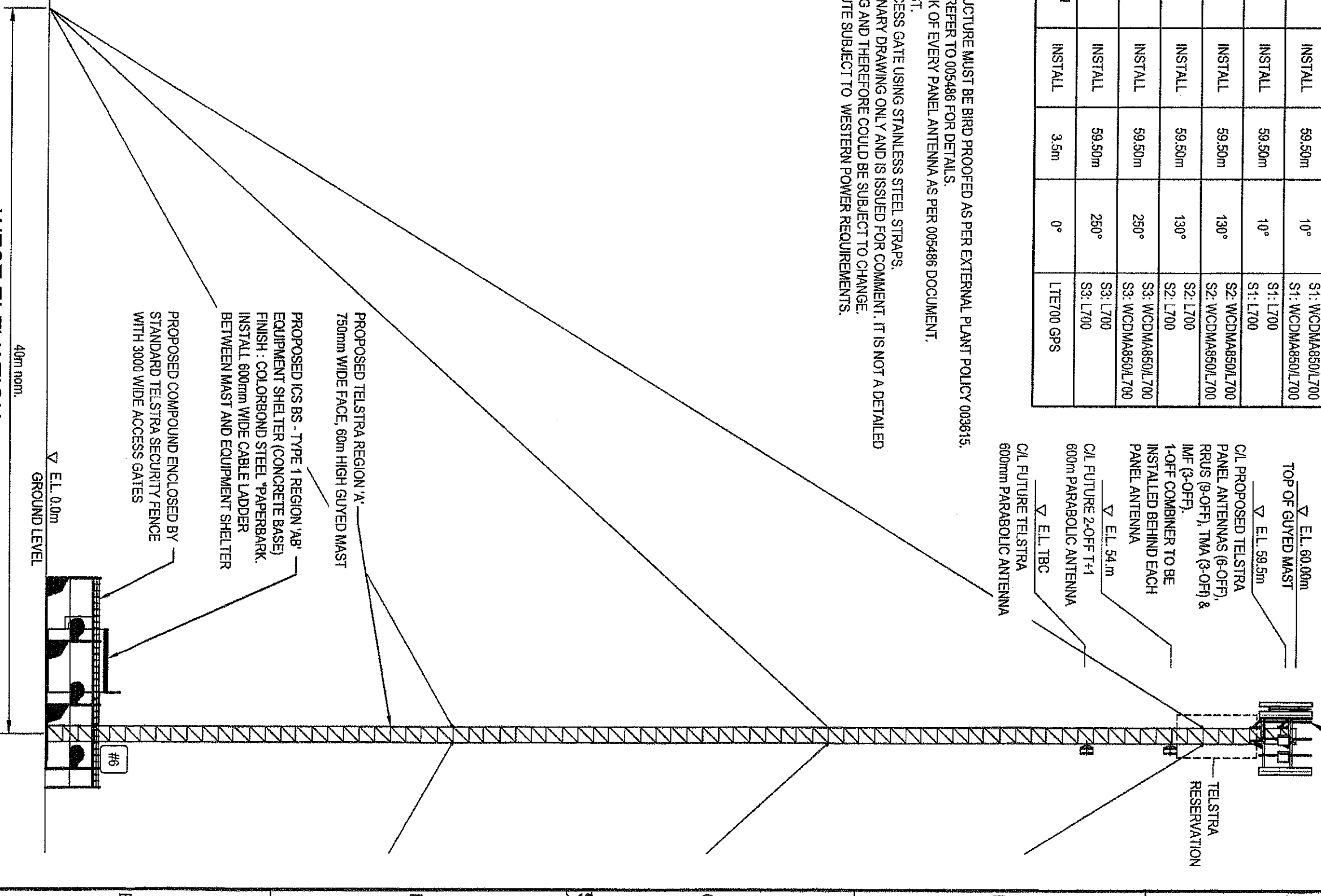


# TELSTRA ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	PHYSICAL ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	10°	S1: WCDMA850/L700 S1: WCDMA850/L700
A2	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	10°	S1: L700 S1: L700
A3	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	130°	S2: WCDMA850/L700 S2: WCDMA850/L700
A4	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	130°	S2: L700 S2: L700
A5	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	250°	S3: WCDMA850/L700 S3: WCDMA850/L700
A6	ARGUS RPYX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	250°	S3: L700 S3: L700
A7	ERICSSON-KRE 101 2082/1 GPS ANTENNA	INSTALL	3.5m	0°	LTE700 GPS

## NOTES:-

- ALL ACCESS POINT ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
- FOR EME SIGNS NOTATED (EX) REFER TO 005486 FOR DETAILS.
- (#2) EME SIGN SECURED TO BACK OF EVERY PANEL ANTENNA AS PER 005486 DOCUMENT.
- (#6) EME SIGN SECURED TO MAST.
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- FINAL LOCATION OF POWER ROUTE SUBJECT TO WESTERN POWER REQUIREMENTS.



## WEST ELEVATION

2m 0 2m 4m 6m 8m 10m SCALE 1:200

TO BE READ IN CONJUNCTION WITH SHEET S1

**PRELIMINARY**



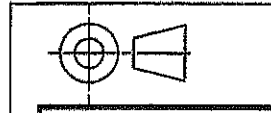
MOBILE NETWORK SITE 310206  
KOOLANOOKA  
SITE LAYOUT AND ACCESS  
451 LOCHADA RD, KOOLANOOKA WA 6623

**ERICSSON**

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DWG NO. W108283 SH1 NO. S3 INDEX

DO NOT SCALE DIMENSIONS IN



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A B C D E

A3V

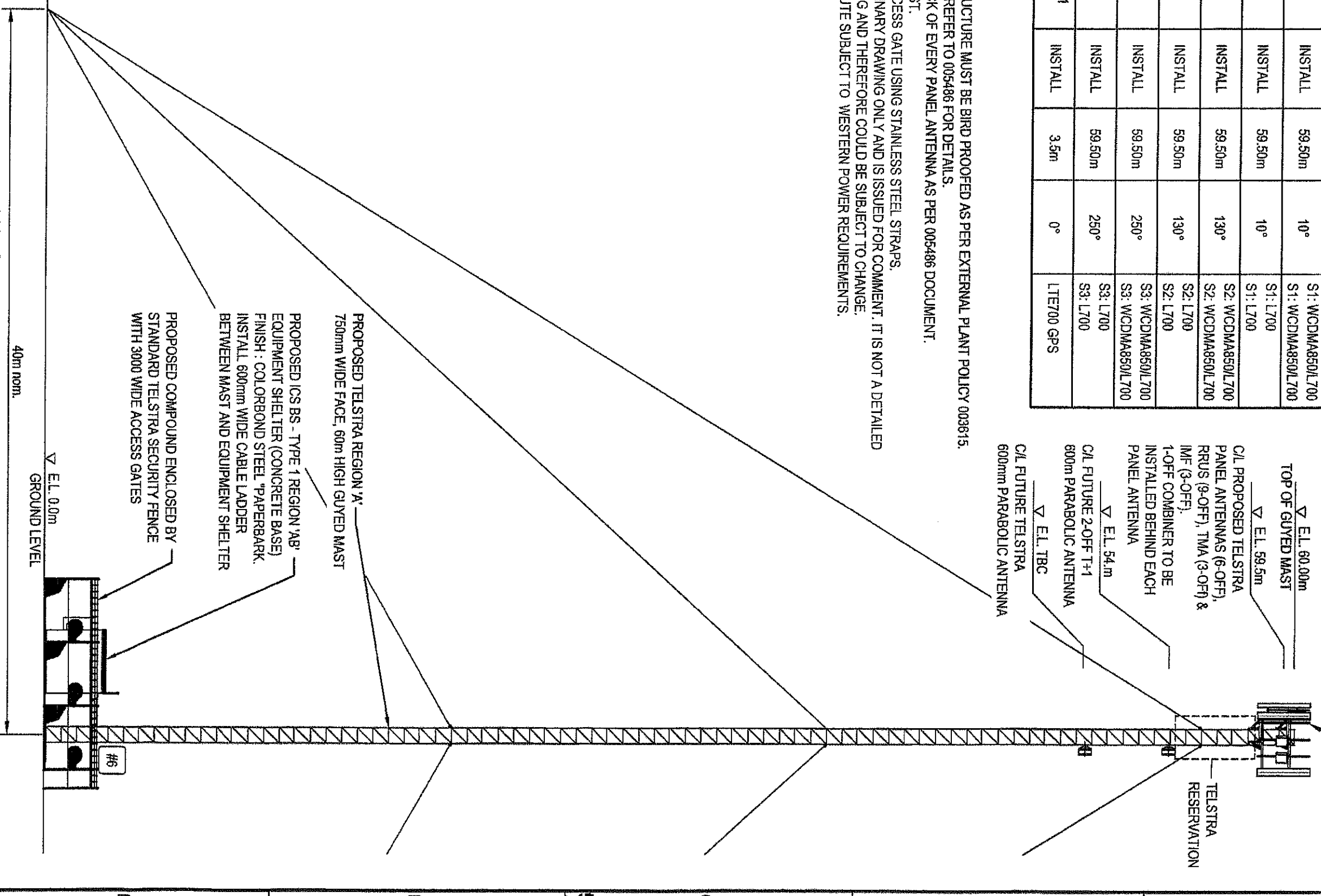
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A5	ARGUS RPY310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	250°	S3: WCDMA850L700 S3: WCDMA850L700
A6	ARGUS RPY310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	59.50m	250°	S3: L700 S3: L700
A7	ERICSSON-KRE 101 2082/1 GPS ANTENNA	INSTALL	3.5m	0°	LTE700 GPS

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WEST ELEVATION  
40m nom.  
2m 0 2m 4m 6m 8m 10m  
SCALE 1:200

**PRELIMINARY**



MOBILE NETWORK SITE 310206  
KOOLANOOKA  
SITE LAYOUT AND ACCESS  
451 LOCHADA RD, KOOLANOOKA WA 6623

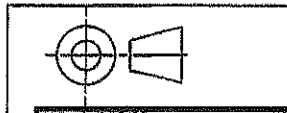


TO BE READ IN CONJUNCTION WITH SHEET S1

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MA08/17/01	BGW	ISSUED FOR APPROVAL 30056689M06ERIC	RC	KC	14.03.17	1

DWG NO. W108283  
SHT NO. S3  
INDEX

DO NOT SCALE DIMENSIONS IN



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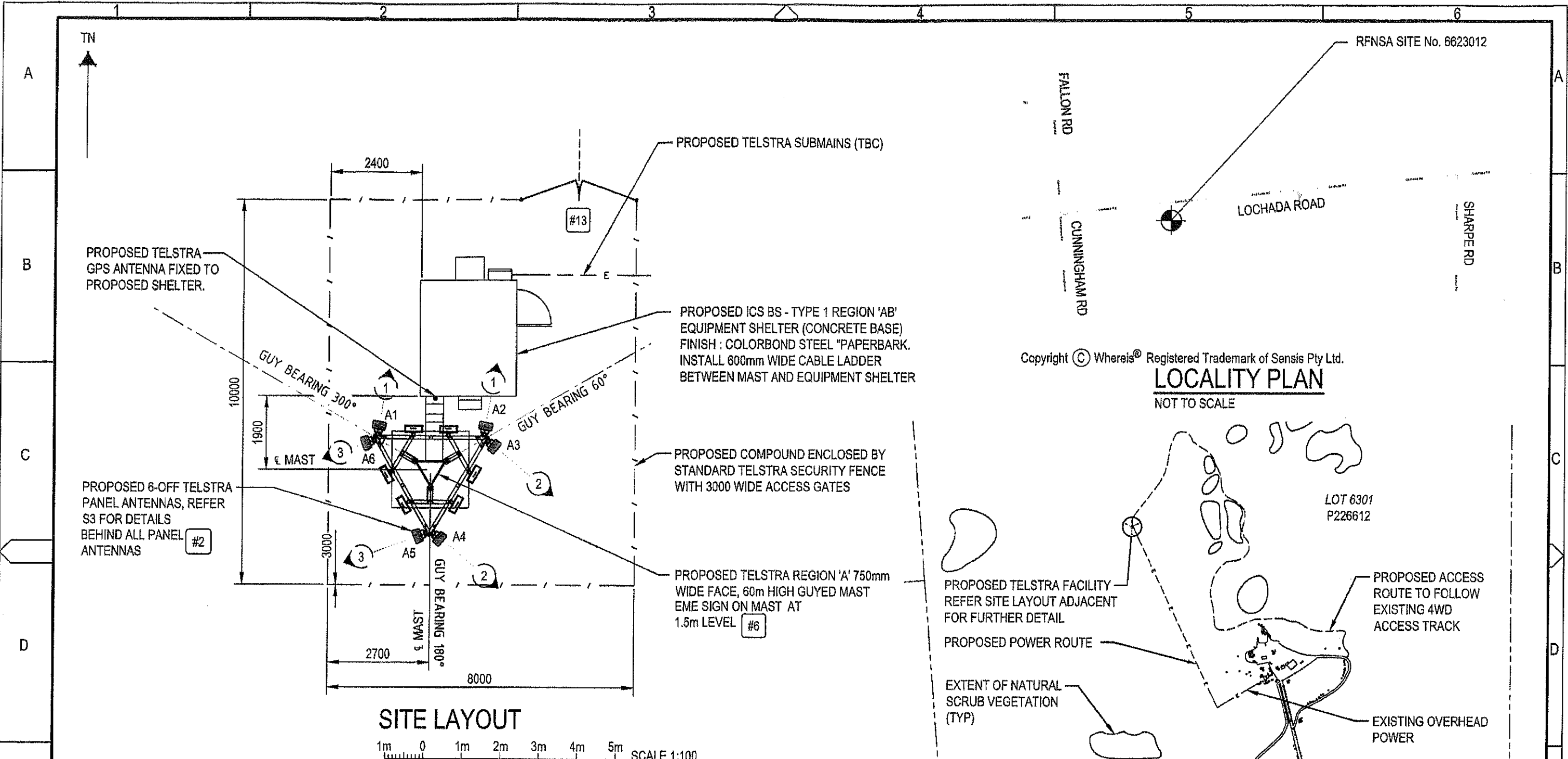
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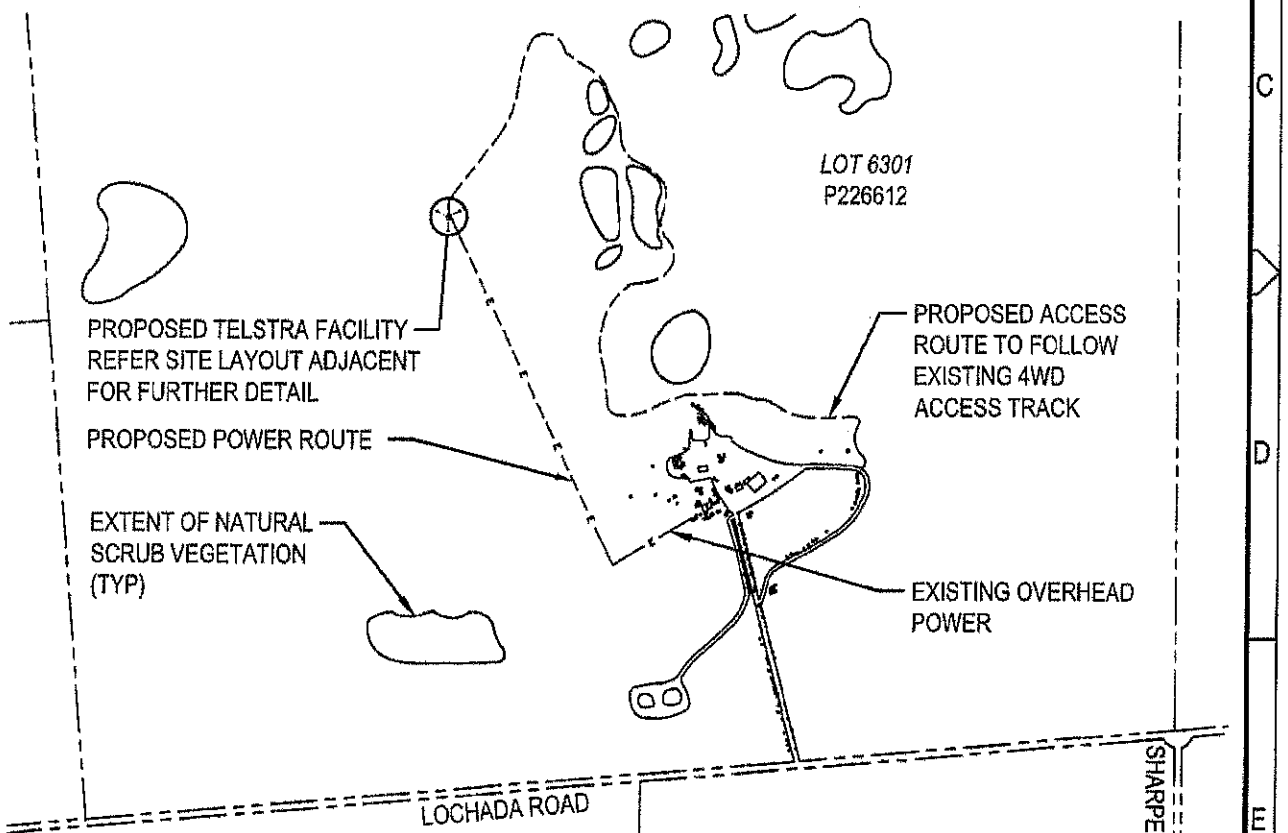
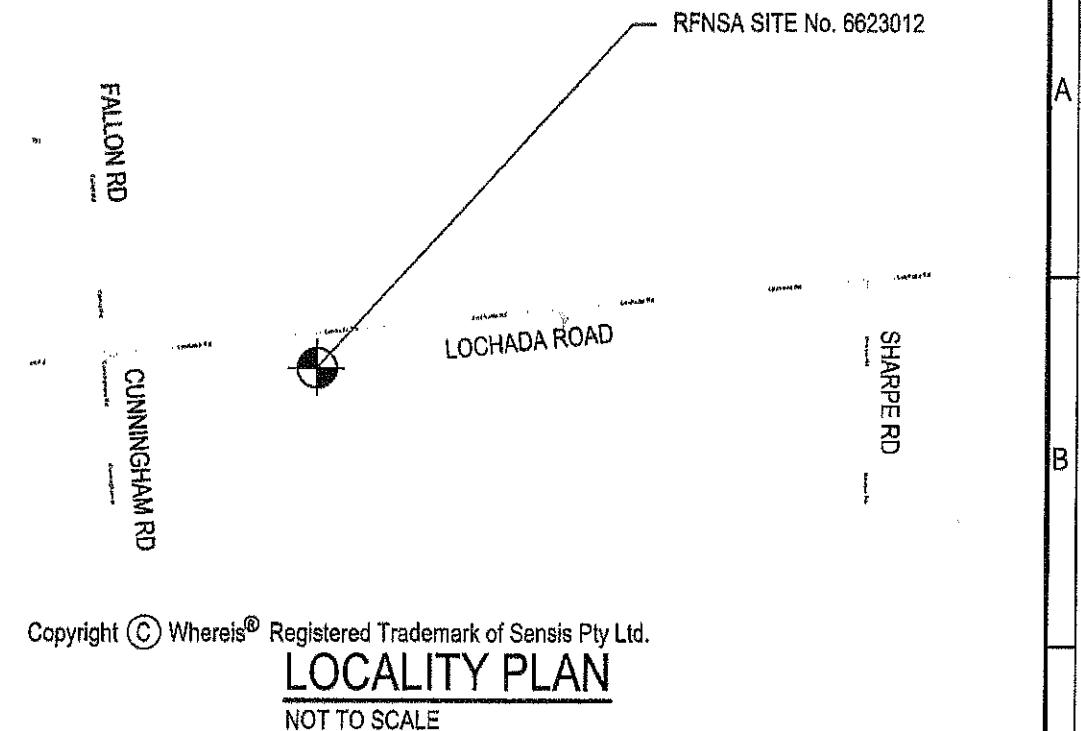
ASV





**SITE LAYOUT**  
 1m 0 1m 2m 3m 4m 5m SCALE 1:100

- NOTES:-**
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**SITE ACCESS**  
 N.T.S. **PRELIMINARY**

DO NOT SCALE

SITE STRUCTURE CO-ORDINATES (GDA94)	
GPS ACCURACY: ±10m	
CENTRE OF MAST	
LATITUDE (S)	-29.263889 (GDA 94)
LONGITUDE (E)	116.226667 (GDA 94)

**PROPERTY DESCRIPTION**  
 451 (LOT 6301) LOCHADA RD  
 KOOLANOOKA W.A. 6623  
 SHIRE OF MORAWA



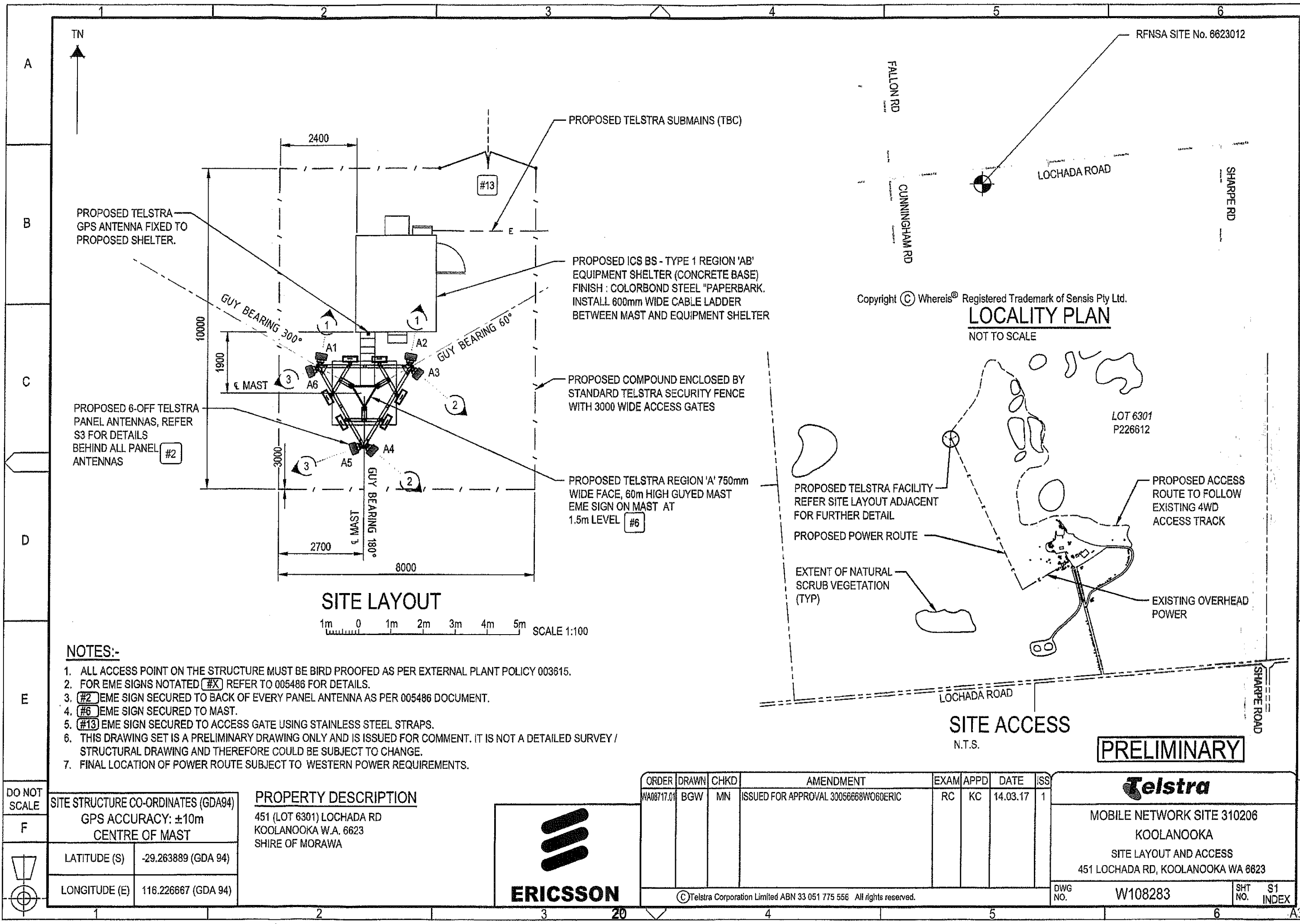
ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
WA08717.01	BGV	MN	ISSUED FOR APPROVAL 30058668WO60ERIC	RC	KC	14.03.17	1

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**Telstra**

MOBILE NETWORK SITE 310206  
 KOOLANOOKA  
 SITE LAYOUT AND ACCESS  
 451 LOCHADA RD, KOOLANOOKA WA 6623

DWG NO. W108283 SHT NO. S1 INDEX



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**LOCALITY PLAN**  
NOT TO SCALE

**NOTES:-**

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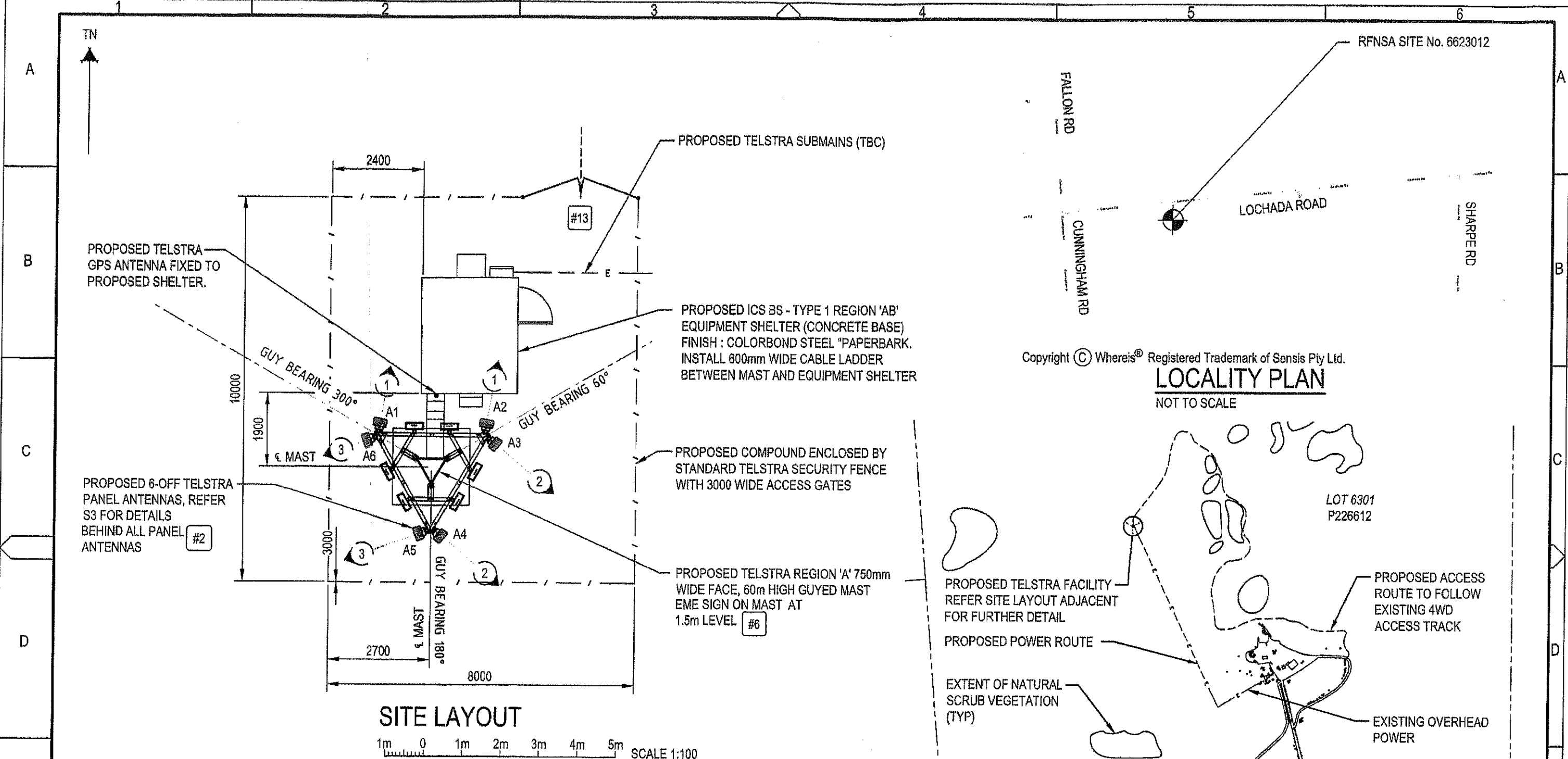
DO NOT SCALE	SITE STRUCTURE CO-ORDINATES (GDA94)	
F	GPS ACCURACY: ±10m CENTRE OF MAST	
	LATITUDE (S)	-29.263889 (GDA 94)
	LONGITUDE (E)	116.226667 (GDA 94)

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451 (LOT 6301) LOCHADA RD  
KOOLANOOKA W.A. 6623  
SHIRE OF MORAWA



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
WA08717.01	BGW	MIN	ISSUED FOR APPROVAL 30056668WO60ERIC	RC	KC	14.03.17	1

<b>Telstra</b>		
MOBILE NETWORK SITE 310206		
KOOLANOOKA		
SITE LAYOUT AND ACCESS		
451 LOCHADA RD, KOOLANOOKA WA 6623		
DWG NO.	W108283	SHT NO. S1 INDEX



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DO NOT SCALE	SITE STRUCTURE CO-ORDINATES (GDA94) GPS ACCURACY: ±10m CENTRE OF MAST	
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	LONGITUDE (E)	116.226667 (GDA 94)

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451 (LOT 6301) LOCHADA RD  
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ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
MA08717.01	BGW	MN	ISSUED FOR APPROVAL 30056668W060ERIC	RC	KC	14.03.17	1

**Telstra**

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KOOLANOOKA  
SITE LAYOUT AND ACCESS  
451 LOCHADA RD, KOOLANOOKA WA 6623

DWG NO. W108283 SHT NO. S1 INDEX

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<i>Item No/ Subject:</i>	<b>4.2 Exploration Licence 70/4953 Application</b>
<i>Date of Meeting:</i>	<b>12 April 2017</b>
<i>Date &amp; Author:</i>	<b>3 April 2017 - Samantha Appleton</b>
<i>Responsible Officer:</i>	<b>Executive Manager Development and Administration – Samantha Appleton</b>
<i>Applicant/Proponent:</i>	<b>LD Blackwood</b>
<i>File Number:</i>	<b>ADM 0368</b>
<i>Previous minute/s &amp; Reference:</i>	

**SUMMARY**

Notification has been received of an application for an exploration licence that has been submitted by LD Blackwood

**DECLARATION OF INTEREST**

Nil

**ATTACHMENTS**

Application documents

**BACKGROUND INFORMATION**

The grant is for an area Kadji Lake and Krummell Roads. The licence consists of 70 blocks with a total area of 786.32 hectares and includes areas of privately owned land.

**OFFICER’S COMMENT**

While Council does not have authority to approve or reject the application, the Shire of Morawa is able to file a “notice of objection” (Form 21) should there any issue with the application.

For this tenement application, any objection must be lodged at the Mining Registrar’s office by 14 April 2017. There is no fee payable for doing this.

**COMMUNITY CONSULTATION**

Nil

## **COUNCILLOR CONSULTATION**

Nil

## **STATUTORY ENVIRONMENT**

Mining Act 1978

## **FINANCIAL IMPLICATIONS**

Nil

## **STRATEGIC IMPLICATIONS**

Shire of Morawa Strategic Community Plan  
1.2 Maximise business, industry and investment opportunities.

## **RISK MANAGEMENT**

Nil

## **VOTING REQUIREMENTS**

Simple majority

## **OFFICER'S RECOMMENDATION**

That Council does not submit any objections to the application for Exploration Licence 70/4953.



L. D. Blackwood



SAM

FRED

KATRINA

21 March 2017

The Shire Clerk  
Morawa Shire Council  
Winfield Street,  
PO Box 14  
MORAWA WA 6623

The Shire Clerk  
Yalgoo Shire Council  
37 Gibbons Street  
PO Box 40  
YALGOO WA 6635

Dear Sir/Madam

**"Nullewa" Exploration Licence Application 70/4953 by L. D. Blackwood**

This is to inform you that on 10<sup>th</sup> March 2017, L. D. Blackwood lodged with the Department of Mines and Petroleum (DMP) an application for Exploration Licence 70/4953 which lies partly within the Morawa Shire and partly within the Yalgoo Shire.

We are advised by the tenement application overlies the following Private Lands, but we are not sure of exactly where these private landholdings occur:

PRV 152084/8306	Private Land: Plan#152084 Lot# 8306	P	138.69 Ha.
PRV 152085/8307	Private Land: Plan#152085 Lot# 8307	P	162.28 Ha.
PRV 204354/8931	Private Land: Plan#204354 Lot# 8931	P	158.52 Ha.
PRV 204354/10501	Private Land: Plan#204354 Lot# 10501	P	93.41 Ha.
CG 521	Private Land: CG 521	P	113.20 Ha.
CG 519	Private Land: CG 519	P	39.80 Ha.
CG 518	Private Land: CG 518	P	80.41 Ha.

In light of the private landholdings becoming known, the Applicant has lodged with the DMP an Application to Amend (Form 30) the tenement application with the following provision:  
*"Sub-surface rights only in respect of any Private Lands included."*

A copy of the Application Form 21 and a plan of the tenement application is attached.

Please contact me at the address below if you have any queries.

Yours faithfully

*Lois D. Blackwood*

**Lois Deborah Blackwood**

Form 21

WESTERN AUSTRALIA  
Mining Act 1978  
(Secs. 41, 58, 70C, 74, 86, 91, Reg. 64)

**APPLICATION FOR MINING TENEMENT**

(a) Type of tenement	(a) Exploration Licence	No. E 70/4953
(b) Time & Date marked out (where applicable)	(b) a.m./p.m. / /	(c) SOUTH WEST
(c) Mineral Field		
For each applicant:	(d) and (e)	(f) Shares
(d) Full Name and ACN/ABN	BLACKWOOD, Lois PO BOX 2104, CLAREMONT NORTH, WA, 6010	100
(e) Address		
(f) No. of shares		(g) Total 100
(g) Total No. of shares		
DESCRIPTION OF GROUND APPLIED FOR: (For Exploration Licences see Note 1. For other Licences see Note 2. For all Licences see Note 3.)	(h) Nullewa (i) (j)	
(h) Locality		
(i) Datum Peg		
(j) Boundaries		
(k) Area (ha or km <sup>2</sup> )	(k) 70 BL	
(l) Signature of applicant or agent (if agent state full name and address)	(l) <i>Lois Blackwood</i>	Date: 10/03/2017

**OFFICIAL USE**

A NOTICE OF OBJECTION may be lodged at any mining registrar's office on or before the 14th day of April 2017 (See Note 4).

Where an objection to this application is lodged the hearing will take place on a date to be set.

Received at	15:52:56	on	10 March	2017	with fees of
Application	\$1,338.35				
Rent	\$9,065.00				
TOTAL	\$10,403.35				
Receipt No:	71844865763				

**Mining Registrar**

**NOTES**

**Note 1: EXPLORATION LICENCE**

- (i) Attachments 1 and 2 form part of every application for an exploration licence and must be lodged with this form in lieu of (h), (i), (j) and (k) above.
- (ii) An application for an Exploration Licence shall be accompanied by a statement specifying method of exploration, details of the proposed work programme, estimated cost of exploration and technical and financial ability of the applicant(s).

**Note 2: PROSPECTING/MISCELLANEOUS LICENCE AND MINING/GENERAL PURPOSE LEASE**

- (i) This application form shall be accompanied by a map on which are clearly delineated the boundaries of the area applied for.

**Note 3: GROUND AVAILABILITY**

- (i) The onus is on the applicant to ensure that ground is available to be marked out and/or applied for.
- (ii) The following action should be taken to ascertain ground availability:  
(a) public plan search; (b) register search; (c) ground inspection.

**Note 4: ALL APPLICATIONS OVER PRIVATE LAND**

The period for lodgement of an objection is within 21 days of service of this notice, or the date noted above for lodging objections, whichever is the longer period.

WESTERN AUSTRALIA Mining Act 1978 Sec. 58; Reg. 64		<b>FORM 21 - ATTACHMENT 1</b>
EXPLORATION LICENCE NO. 70/4953		
THIS SECTION MUST BE COMPLETED IN FULL FOR ALL EXPLORATION LICENCE APPLICATIONS		
LOCALITY: Nullewa		
BLOCK IDENTIFIER (All three sections must be completed)		
<b>1:1,000,000 PLAN NAME</b>	<b>PRIMARY NUMBER</b>	<b>GRATICULAR SECTION</b>
PERTH	893	wxyz
PERTH	894	vw
PERTH	963	ghjkmnopu
PERTH	964	fghjklmnopqrstu
PERTH	965	bcdefghjklmnopqrstuvwxyz
PERTH	966	abfglmqrw
PERTH	1037	bcde
PERTH	1038	ab
<b>TOTAL BLOCKS:</b>		<b>70</b>

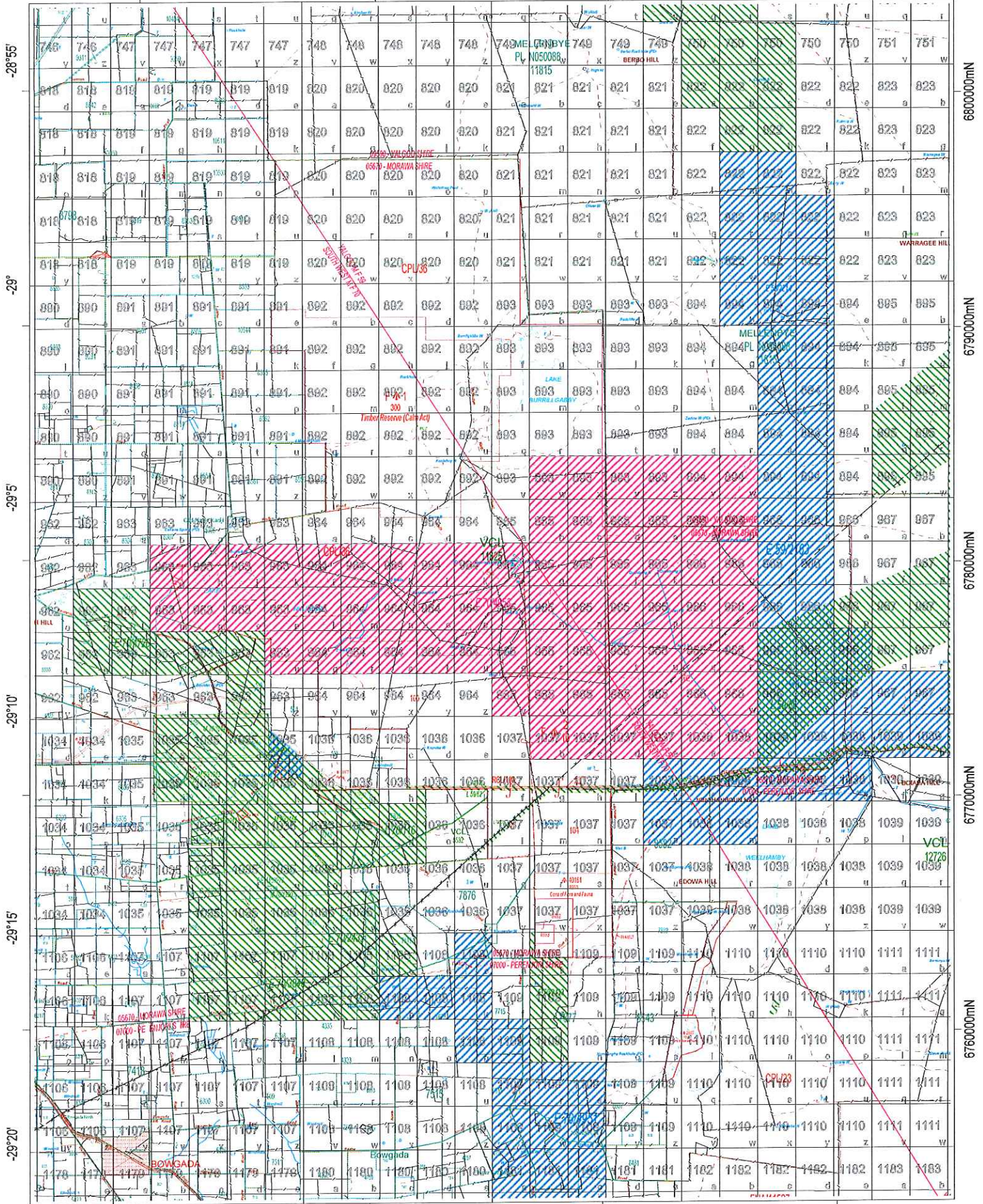


Enquiry System V7.269.2  
420000mE

430000mE

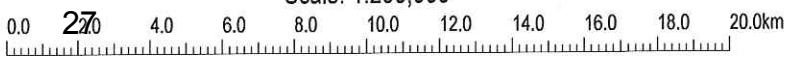
440000mE

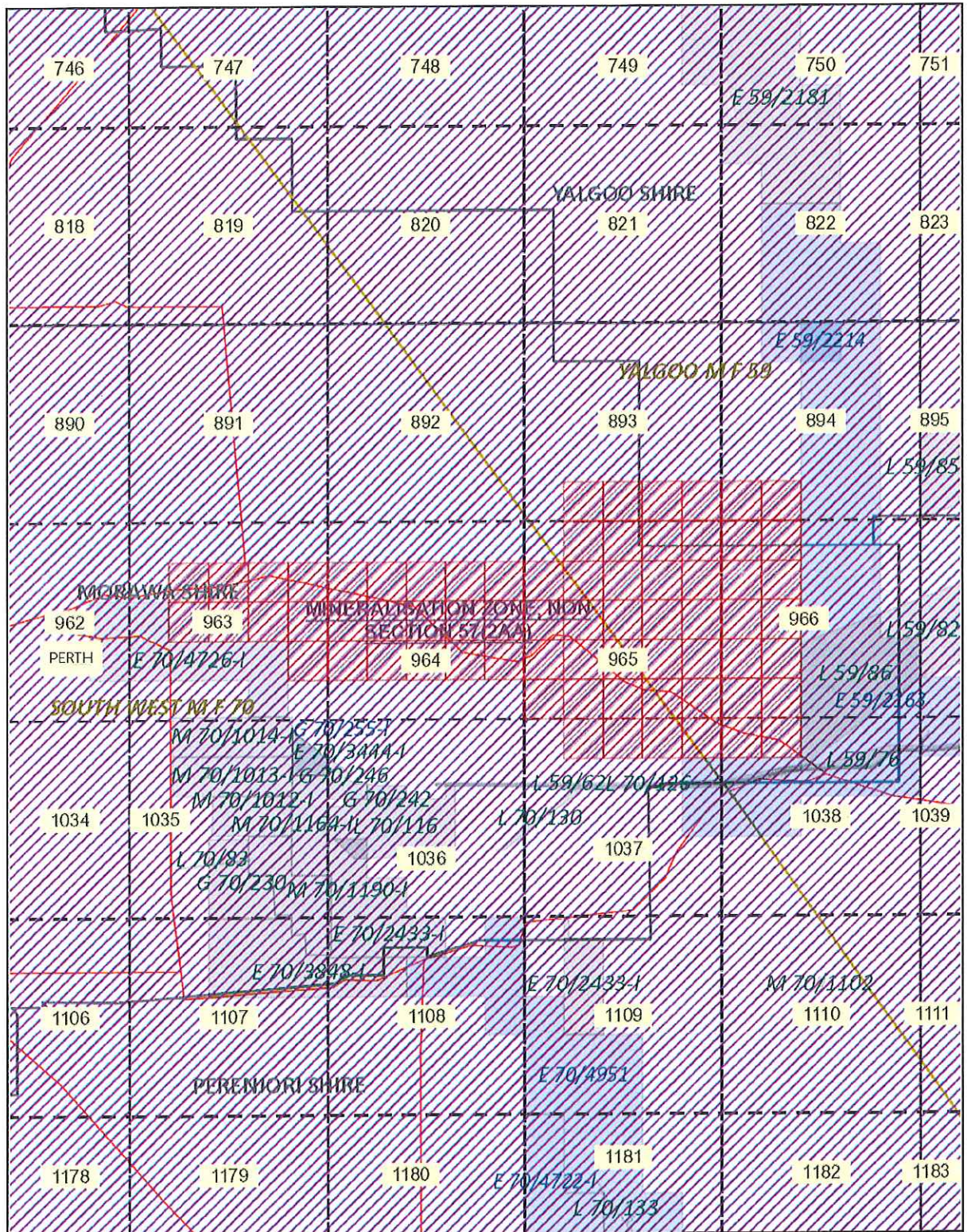
450000mE



This plot has been compiled from various data sources received from a number of agencies and with information supplied by applicants for mining tenements. No responsibility is accepted for any error or omission. The Commonwealth of Australia (in 2002) through Geoscience Australia and the Department of Defence, maintains copyright over the parts of the geographic data that is provided for display in TENGRAPH. Users visiting to view the data in the on-line system should contact Geoscience Australia at www.ga.gov.au. Continuation of the current and completion of any data in the data should be sought from the Office of Geospatial Services, Landgate. Tenagraph does not identify any land that has been allocated from the Crown before 1 January 1999 and a search of this records should be carried through Landgate to identify the category of land. Land allocated from the Crown prior to 1 January 1999 may be open for mining or inspected for gold, silver and precious metals.

Scale: 1:200,000





MAP SHOWING BLOCKS APPLIED FOR IN  
EXPLORATION LICENCE NO. 70/4953

 Graticular Section Applied For

<i>Item No/ Subject:</i>	<b>4.3 Exploration Licence 70/4951 Application</b>
<i>Date of Meeting:</i>	<b>11 April 2017</b>
<i>Date &amp; Author:</i>	<b>3 April 2017 - Samantha Appleton</b>
<i>Responsible Officer:</i>	<b>Executive Manager Development and Administration – Samantha Appleton</b>
<i>Applicant/Proponent:</i>	<b>Hetherington Exploration and Mining Title Services</b>
<i>File Number:</i>	<b>ADM 0368</b>
<i>Previous minute/s &amp; Reference:</i>	

**SUMMARY**

Notification has been received of an application for an exploration licence that has been submitted on behalf of Sinosteel Midwest Corporation.

**DECLARATION OF INTEREST**

Nil

**ATTACHMENTS**

Application documents

**BACKGROUND INFORMATION**

The grant is for an area in the Koolanooka area of the Shire straddling the boundary with the Shire of Perenjori, with the majority of the tenement being in the Perenjori Shire. The licence consists of 20 blocks and includes areas of privately owned land and crown land.

**OFFICER’S COMMENT**

While Council does not have authority to approve or reject the application, the Shire of Morawa is able to file a “notice of objection” (Form 21) should there any issue with the application.

For this tenement application, any objection must be lodged at the Mining Registrar’s office by 12 April 2017. There is no fee payable for doing this.

**COMMUNITY CONSULTATION**

Nil

## **COUNCILLOR CONSULTATION**

Nil

## **STATUTORY ENVIRONMENT**

Mining Act 1978

## **FINANCIAL IMPLICATIONS**

Nil

## **STRATEGIC IMPLICATIONS**

Shire of Morawa Strategic Community Plan  
1.2 Maximise business, industry and investment opportunities.

## **RISK MANAGEMENT**

Nil

## **VOTING REQUIREMENTS**

Simple majority

## **OFFICER'S RECOMMENDATION**

That Council does not submit any objections to the application for Exploration Licence 70/4951.



13 March 2017

**Via Registered Post: 943336782014**

The Chief Executive Officer  
Shire of Morawa  
PO Box 14  
Morawa WA 6623

Dear Sir or Madam

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**Application for Exploration Licence 70/4951**

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Hetherington Exploration & Mining Title Services (WA) Pty Ltd acts on behalf of Sinosteel Midwest Corporation Limited in regards to the above application.

In accordance with the Mining Act, please find enclosed a copy of the above application and a map showing the area applied for.

Please do not hesitate to contact me should you have any queries concerning the application or require any further information.

Yours faithfully

---

**Rachel Amataiti**  
Tenement Administrator  
Perth Office

Enc Application and Map

**SYDNEY**

Hetherington Exploration & Mining Title Services Pty Ltd  
ABN 51 610 909 290  
503 Willoughby Road, 1<sup>st</sup> Floor  
(Access via Prentice Lane)  
Willoughby NSW 2068  
PO Box 765, Willoughby NSW 2068  
Tel: (02) 9967 4844  
Fax: (02) 9967 4614  
E-mail: sydney@hemts.com.au

**BRISBANE**

Hetherington Exploration & Mining Title Services (QLD) Pty Ltd  
ABN 42 153 626 110  
Level 6, 445 Upper Edward Street  
Spring Hill QLD 4000  
PO Box 49, Spring Hill LPO  
Spring Hill QLD 4004  
Tel: (07) 3236 1768  
Fax: (07) 3236 1758  
E-mail: brisbane@hemtsqld.com.au

**PERTH**

Hetherington Exploration & Mining Title Services (WA) Pty Ltd  
ABN 64 003 122 996  
83 Brisbane Street  
(Cnr Brisbane & Beaufort Streets)  
PERTH WA 6000  
PO Box 8249, Perth Business Centre PERTH WA 6849  
Tel: (08) 9228 9977  
Fax: (08) 9328 3710  
E-mail: perth@hemts.com.au



Form 21

WESTERN AUSTRALIA  
Mining Act 1978  
(Secs. 41, 58, 70C, 74, 86, 91, Reg. 64)

**APPLICATION FOR MINING TENEMENT**

(a) Type of tenement	(a) Exploration Licence	No. E 70/4951
(b) Time & Date marked out (where applicable)	(b) a.m./p.m. / /	(c) SOUTH WEST
(c) Mineral Field		
For each applicant:	(d) and (e)	(f) Shares
(d) Full Name and ACN/ABN	SINOSTEEL MIDWEST CORPORATION LIMITED (ACN: 009 224 800) PO BOX 8249, PERTH BUSINESS CENTRE, PERTH, WA, 6849	100
(e) Address		
(f) No. of shares		
(g) Total No. of shares	(g) Total 100	
DESCRIPTION OF GROUND APPLIED FOR: (For Exploration Licences see Note 1. For other Licences see Note 2. For all Licences see Note 3.)	(h) Kooldesak (i) (j) This application affects Private Property. Details of Private Property Affected: For sub-surface rights only, with respect to any private land referred to in Section 29(2) of the Mining Act 1978.	
(h) Locality		
(i) Datum Peg		
(j) Boundaries		
(k) Area (ha or km <sup>2</sup> )	(k) 20 BL	

(l) Signature of applicant or agent (if agent state full name and address)  
*(l) Hong-Jim Saw* Date: 08/03/2017  
HETHERINGTON EXPLORATION & MINING TITLE SERVICES (WA) PTY LTD,  
83 BRISBANE STREET, PERTH, WA, 6000

**OFFICIAL USE**

A NOTICE OF OBJECTION may be lodged at any mining registrar's office on or before the 12th day of April 2017 (See Note 4).

Where an objection to this application is lodged the hearing will take place on a date to be set.

Received at	10:41:54	on	8 March	2017	with fees of
Application	\$1,338.35				
Rent	\$2,590.00				
TOTAL	\$3,928.35				
Receipt No:	71785030268				

**Mining Registrar**

**NOTES**

**Note 1: EXPLORATION LICENCE**

- (i) Attachments 1 and 2 form part of every application for an exploration licence and must be lodged with this form in lieu of (h), (i), (j) and (k) above.
- (ii) An application for an Exploration Licence shall be accompanied by a statement specifying method of exploration, details of the proposed work programme, estimated cost of exploration and technical and financial ability of the applicant(s).

**Note 2: PROSPECTING/MISCELLANEOUS LICENCE AND MINING/GENERAL PURPOSE LEASE**

- (i) This application form shall be accompanied by a map on which are clearly delineated the boundaries of the area applied for.

**Note 3: GROUND AVAILABILITY**

- (i) The onus is on the applicant to ensure that ground is available to be marked out and/or applied for.
- (ii) The following action should be taken to ascertain ground availability:  
(a) public plan search; (b) register search; (c) ground inspection.

**Note 4: ALL APPLICATIONS OVER PRIVATE LAND**

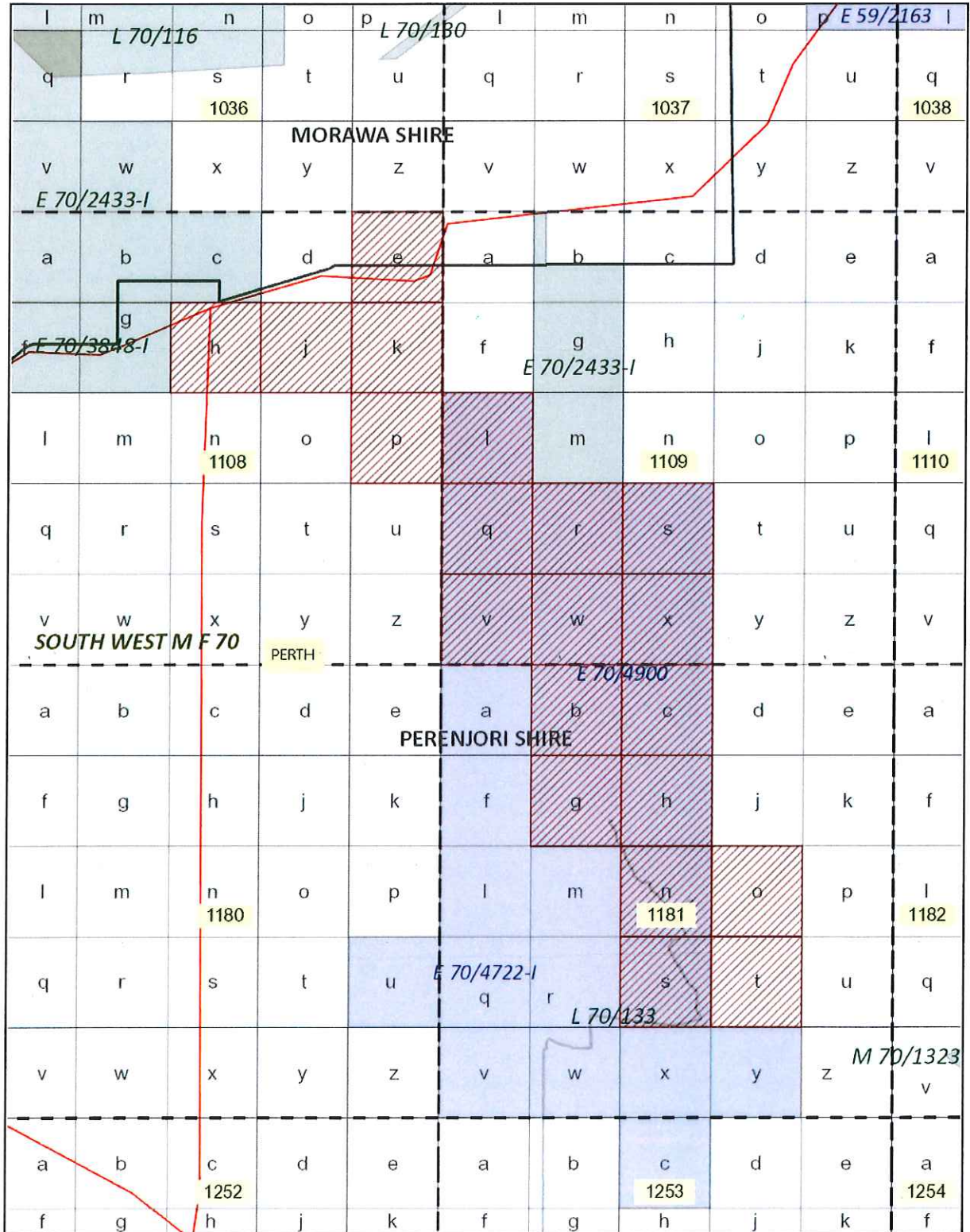
The period for lodgement of an objection is within 21 days of service of this notice, or the date noted above for lodging objections, whichever is the longer period.



Mining Act 1978  
Sec. 58; Reg. 64

**FORM 21 - ATTACHMENT 2**  
Plan Name(s) - PERTH

Time Officially Received : 08/03/2017 10:41:54  
User Id : ex28207



MAP SHOWING BLOCKS APPLIED FOR IN  
EXPLORATION LICENCE NO. 70/4951

Graticular Section Applied For



5. **Applications for Leave of Absence**

6. **Next Meeting**

Ordinary Meeting 20 April 2017

7. **Meeting Closure**