

# Permit

Environmental Protection Act 1994

Environmental authority EPPG03497815

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

**Environmental authority number: EPPG03497815**

**Environmental authority takes effect on 20 July 2018**

**Environmental authority holder(s)**

| Name(s)                              | Registered address                             |
|--------------------------------------|------------------------------------------------|
| JEMENA NORTHERN GAS PIPELINE PTY LTD | Level 16 567 Collins Street MELBOURNE VIC 3000 |

## Environmentally relevant activity and location details

| Environmentally relevant activity/activities                                                                                                             | Location(s) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Resource Activity, Schedule 2A, 03: A petroleum activity that is likely to have a significant impact on a category A or B environmentally sensitive area | PPL2015     |
| Resource Activity, Schedule 2A, 08: A petroleum or GHG storage activity, other than items 1 to 7, that includes an activity from Schedule 2 with an AES  | PPL2015     |
| Resource Activity, Schedule 2A, 05: Constructing a new pipeline of more than 150km under a petroleum authority                                           | PPL2015     |
| Resource Activity, Ancillary 15 - Fuel burning, Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour                | PPL2015     |

## Additional information for applicants

### Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the Environmental Protection Act 1994 (EP Act).

### Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

## Environmental authority

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- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days);

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website [www.qld.gov.au](http://www.qld.gov.au), using the search term 'duty to notify'.

### Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
- c) otherwise-on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the Sustainable Planning Act 2009 or an SDA Approval under the State Development and Public Works Organisation Act 1971), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Clancy Mackaway  
Department of Environment and Science  
Delegate of the administering authority  
Environmental Protection Act 1994

**Enquiries:**  
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**Date issued: 20 July 2018**



## Legislative Requirements and Conditions of Environmental Authority

### Schedule A – Authorised activities

A1 This environmental authority authorises the carrying out of the following resource activity(ies):

- (a) the petroleum activities listed in *Schedule A, Table 1 – Scale and Intensity for the Activities* to the extent they are carried out in accordance with the activity's corresponding scale and intensity; and
- (b) the following specified relevant activities when carried out as an incidental activity:
  - i. Sewage treatment– operating sewage treatment works, other than no- release works, with a total daily peak design capacity of less than 300 equivalent persons (EP).
- (c) Incidental activities that are not otherwise specified relevant activities.

**Schedule A, Table 1 – Scale and Intensity for the Activities**

| Tenure  | Petroleum Activity                                                                                                  | Scale (number of activities) | Intensity (Maximum Disturbance) |
|---------|---------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------|
| PPL2015 | Pipeline right of way (ROW)                                                                                         | 165km                        | 495ha                           |
|         | Temporary construction camp                                                                                         | 1                            | 8ha                             |
|         | Vehicle turnarounds                                                                                                 | 33                           | 3.96ha                          |
|         | Explosives storage area                                                                                             | 1                            | 0.02ha                          |
|         | Existing access tracks                                                                                              | -                            | 52.20ha                         |
|         | Major watercourse crossings                                                                                         | -                            | 14.7ha                          |
|         | Minor watercourse crossings                                                                                         | -                            | 30.05ha                         |
|         | Buried pipeline crossing                                                                                            | -                            | 3.4ha                           |
|         | Low consequence dams                                                                                                | 2 x 12ML                     | 5ha                             |
|         | Sewage Treatment Plant(s) that discharge treated effluent to an infiltration trench or through an irrigation scheme | 300EP                        | 4ha                             |
|         | Compressor station                                                                                                  | 1                            | 9ha                             |
|         | Cathodic protection station                                                                                         | 1                            | 0.08ha                          |
|         | Anode bed                                                                                                           | 2                            | 0.38ha                          |

A2 The following types of petroleum activities are not authorised:

- a) processing or storing petroleum or petroleum by-products that are not necessarily associated with pipeline construction or operation;
- b) extracting earthen materials (other than drilling waste rock or trench spoil) of more than
  - a. 100,000t/year;

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- c) extracting by dredging more than 1000t/year of material from the bed of naturally occurring surface waters;
- d) construction of power lines (either above or below ground) outside the right of way necessary for the pipeline, except where authorised in this EA.

### **Schedule B – Protecting environmental values**

- B1 Petroleum activities that cause significant disturbance to land must not be carried out until financial assurance has been given to the administering authority as security for compliance with the environmental authority and any costs or expenses, or likely costs or expenses, mentioned in section 298 of the *Environmental Protection Act 1994*.
- B2 This environmental authority does not authorise petroleum activities to cause environmental nuisance at a sensitive place other than where an alternative arrangement is in place for noise.
- B3 Contaminants must not be directly or indirectly released to land except for those releases specifically authorised by conditions of the environmental authority.
- B4 Petroleum activities must:
  - (a) firstly, avoid, then minimise, then mitigate any negative impacts on areas of vegetation or other areas of ecological value
  - (b) minimise disturbance to land that may otherwise result in land degradation
  - (c) minimise isolation, fragmentation or dissection of tracts of vegetation that would lead to a reduction in the current level of ecosystem functioning or ecological connectivity
  - (d) minimise clearing of mature or hollow bearing trees
- B5 Where significant disturbance to land is to occur, records demonstrating compliance with condition (B4) must be kept.
- B6 Prescribed Water Contaminants must not be directly or indirectly released to any waters except as permitted under this environmental authority.

### **Schedule C – Documentation**

- C1 All plans, procedures and reports must:
  - (a) be certified by a suitably qualified person
  - (b) be kept on record for a minimum of 5 years.
- C2 All plans and procedures required to be developed must be implemented.
- C3 All plant and equipment reasonably necessary to ensure compliance with the conditions must be installed.

C4 All plant and equipment must be maintained and operated in their proper and effective condition.

C5 All measures reasonably necessary to ensure compliance with the conditions must be implemented.

#### **Contingency and emergency response**

C6 Petroleum activities involving significant disturbance to land or which have the potential to cause environmental harm can only commence after the development of written contingency procedures which address the risks of non-compliance with conditions of the environmental authority.

C7 The contingency procedures must include, but not necessarily be limited to:

- (a) environmental nuisance and complaint management procedures including:
  - i. a description of the petroleum activities that might result in non-compliance with conditions of the environmental authority standard conditions and what mitigation measures are required to be implemented; and
  - ii. the action that will be undertaken when a member of the public makes a valid complaint.
- (b) management procedures including details of what actions will be taken to protect environmental values and minimise potential environmental harm from petroleum activities as a result of floods, severe storms and fires.
- (c) environmental emergency management procedures including details of the response and mitigation measures that will be actioned to reduce negative impacts to environmental values in the event of a non-compliance with conditions of the environmental authority.

#### **Soil management**

C8 Measures must be implemented and maintained to minimise stormwater entry onto significantly disturbed land.

C9 Sediment and erosion control measures to prevent soil loss and deposition beyond significantly disturbed land must be implemented and maintained.

C10 The measures required by conditions (C8) and (C9) must be in accordance, to the greatest practicable extent, with the International Erosion Control Association (IECA) Best Practice Erosion and Sediment Control (BPESC) document and/or the Australian Pipeline Industry Association (APIA) Code of Environmental Practice: Onshore Pipelines (2009).

#### **Chemical storage**

C11 Chemicals and fuels on the relevant tenures must be stored in, or serviced by, an effective containment system that meets Australian Standards, where such a standard is relevant.

**C12 Waste management**

Measures must be implemented so that waste is managed in accordance with the waste and resource management hierarchy and the waste and resource management principles.

- C13 For waste fluids that can be stored in a container that is other than a low consequence dam, the container must either be an above ground container or a structure which contains the wetting front.
- C14 Waste, including waste fluids, must be transported off-site for lawful re-use, remediation, recycling or disposal unless the waste is specifically authorised by conditions of the environmental authority to be disposed of or used on-site.
- C15 Green waste may be used on-site for rehabilitation and/or sediment and erosion control purposes.

**Treated sewage effluent**

- C16 Treated sewage effluent or greywater can be released to land provided it:
- a) meets or exceeds secondary treated class B standards for a treatment system with a daily peak design capacity of between 150 EP and 1500 EP; or
  - b) meets or exceeds secondary treated class C standards for a treatment system with a daily peak design capacity of less than 150 EP.
- C17 The release of treated sewage effluent or greywater authorised in condition (C16) must:
- a) be to a fenced and signed contaminant release area(s);
  - b) not contain any properties nor contain any organisms or other contaminants in concentrations that are capable of causing environmental harm;
  - c) not result in pooling or run-off or aerosols or spray drift or vegetation die-off;
  - d) minimise deep drainage below the root zone of any vegetation;
  - e) not adversely affect the quality of shallow aquifers;
  - f) not adversely impact soil quality;
  - g) be to a contaminant release area(s) that is kept vegetated with groundcover, that is:
    - i. not a declared pest species;
    - ii. kept in a viable state for transpiration and nutrient uptake; and
    - iii. grazed or harvested and removed from the contaminant release area as needed, but not less than every three months.

**Financial assurance**

- C18 Prior to any changes in petroleum activities which would result in an increase to the maximum disturbance since the last financial assurance calculation was submitted, the holder of the environmental authority must submit, and the administering authority must have approved, an application to amend the financial assurance.

## Schedule D – Pipeline Planning

### Site planning

- D1 Pipeline planning must be in accordance, to the greatest practicable extent, with the relevant section of the APIA Code of Environmental Practice: Onshore Pipelines (2009) and/or AS 2885.1:2012.

### Planning for land disturbance

- D2 Notwithstanding condition (D1), the pipeline construction corridor must:
- (a) be minimised in width to the greatest practicable extent
  - (b) not exceed 30m in width
  - (c) not include turn around and temporary workspaces associated with pipeline construction that exceed 50m in width.
  - (d) be preferentially located alongside existing linear infrastructure.

### Biodiversity

- D3 Prior to undertaking activities that result in significant disturbance to land in areas of native vegetation, confirmation of on-the-ground biodiversity values of the native vegetation communities at that location must be undertaken by a suitably qualified person.
- D4 A suitably qualified person must develop and certify a methodology so that condition (D3) can be complied with and which is appropriate to confirm on-the-ground biodiversity values.
- D5 Where mapped biodiversity values differ from those confirmed under conditions (D3) and (D4), petroleum activities may proceed in accordance with the conditions of the environmental authority based on the confirmed on-the-ground biodiversity value.

### Authorised disturbance to Environmentally Sensitive Areas

- D6 Only low impact petroleum activities can be undertaken within category A environmentally sensitive areas (ESAs) or category B ESAs or category C ESAs or within the ESAs' primary protection zone.
- D7 Despite condition (D6) of this environmental authority, the infrastructure listed in Schedule D, Table 1 – Authorised petroleum activity(ies) disturbance is only permitted to occur to the total maximum extent of disturbance specified in Schedule D, Table 1 – Authorised petroleum activity(ies).
- D8 Notwithstanding condition (D7) of this environmental authority, the infrastructure listed in Schedule D, Table 1 – Authorised petroleum activity(ies) disturbance must not exceed the maximum extent of disturbance at the locations specified in Appendix A, Table 1, 2, 3 and 4 of this environmental authority.

**Schedule D, Table 1 – Authorised petroleum activity(ies) disturbance**

| Schedule D, Table 1 Authorised petroleum activity (es) disturbance                                                                                                                           |                                                                                                        |                                            |                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------|
| ESA or PPZ                                                                                                                                                                                   | Description of Infrastructure                                                                          | Location and maximum extent of disturbance | Total maximum extent of disturbance (ha) |
| Category B Environmentally Sensitive Areas that are ‘endangered’ regional ecosystems                                                                                                         |                                                                                                        |                                            |                                          |
| Category B environmentally sensitive areas that are ‘endangered’ regional ecosystems.<br>RE 1.3.7 - <i>Eucalyptus camaldulensis</i> woodland on channels and levees                          | Right of Way; and<br>Associated access tracks (maximum width of 10m).                                  | Refer to Appendix A, Table 1               | 7.52                                     |
| Primary protection zones of Category B Environmentally Sensitive Areas that are ‘endangered’ regional ecosystems                                                                             |                                                                                                        |                                            |                                          |
| RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland                                                                                                                                  | Right of Way;<br><br>Temporary work spaces; and<br><br>Associated access tracks (maximum width of 10m) | Refer to Appendix A, Table 2               | 12.07                                    |
| RE 1.11.3 - <i>Corymbia terminalis</i> low open woodland on basic metamorphics                                                                                                               |                                                                                                        |                                            | 1.78                                     |
| RE 1.12.1 - <i>Eucalyptus leucophloia</i> low open woodland on granites                                                                                                                      |                                                                                                        |                                            | 14.22                                    |
| RE 1.5.6 - <i>Atalaya hemiglauca</i> , <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains                                                           |                                                                                                        |                                            | 5.79                                     |
| RE 1.5.7 - <i>Corymbia terminalis</i> and/or <i>Acacia aneura</i> low open woodland on sandy red earth plains                                                                                |                                                                                                        |                                            | 0.20                                     |
| Category C Environmentally Sensitive Areas that are ‘of concern’ regional ecosystems or ‘essential habitat’                                                                                  |                                                                                                        |                                            |                                          |
| Category C environmentally sensitive areas that are “of concern” regional ecosystems.<br>RE 1.3.4 - <i>Acacia cambagei</i> low open woodland to woodland on earths in valleys                | Right of Way; and<br>Associated access tracks (maximum width of 10m).                                  | Refer to Appendix A, Table 3               | 2.14                                     |
| Category C environmentally sensitive areas that are “of concern” regional ecosystems.<br>RE 1.3.6 - <i>Corymbia aparrerinja</i> , <i>Corymbia terminalis</i> open woodland on sandy terraces |                                                                                                        |                                            | 32.51                                    |

|                                                                                                                                                                                                                        |  |  |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|
| Category C environmentally sensitive areas that are "of concern" regional ecosystems.<br>RE 1.5.9 - <i>Ventilago viminalis</i> low open woodland on loams on sand sheet margins                                        |  |  | 0.61 |
| Category C environmentally sensitive areas that are "of concern" regional ecosystems.<br>RE 4.3.3 - <i>Eucalyptus coolabah</i> , <i>E. camaldulensis</i> +/- <i>Lysiphyllum gilvum</i> open woodland on drainage lines |  |  | 1.55 |
| Category C environmentally sensitive areas that is 'essential habitat'<br>RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland                                                                                  |  |  | 0.36 |
| Category C environmentally sensitive areas that is 'essential habitat'<br>RE 1.12.1 - <i>Eucalyptus leucophloia</i> low open woodland on granites                                                                      |  |  | 4.32 |

**Primary Protection Zones of Category C Environmentally sensitive areas that are 'of concern' regional ecosystems**

|                                                                                                                                   |                                                                                                |                              |      |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------|------|
| RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland                                                                       |                                                                                                |                              | 4.22 |
| RE 1.11.3 - <i>Corymbia terminalis</i> low open woodland on basic metamorphics                                                    |                                                                                                |                              | 1.99 |
| RE 1.12.1 - <i>Eucalyptus leucophloia</i> low open woodland on granites                                                           |                                                                                                |                              | 5.89 |
| RE 1.5.3 - <i>Eucalyptus leucophloia</i> low open woodland on red earths on plateaus                                              | Right of Way;<br>Temporary work spaces; and<br>Associated access tracks (maximum width of 10m) | Refer to Appendix A, Table 4 | 1.30 |
| RE 1.5.4 - <i>Eucalyptus leucophylla</i> low open woodland on red earths in valleys                                               |                                                                                                |                              | 1.47 |
| RE 1.5.6 - <i>Atalaya hemiglauc</i> , <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains |                                                                                                |                              | 6.93 |
| RE 1.5.7 - <i>Corymbia terminalis</i> and/or <i>Acacia aneura</i> low open woodland on sandy red earth plains                     |                                                                                                |                              | 0.42 |
| RE 4.3.1 - <i>Eucalyptus camaldulensis</i> +/- <i>Melaleuca</i> spp. woodland on drainage lines                                   |                                                                                                |                              | 0.29 |

|                                                                                                                                                 |  |  |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|
| RE 4.3.16 - <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               |  |  | 1.68 |
| RE 4.3.17 - <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              |  |  | 5.34 |
| RE 4.3.4 - <i>Eucalyptus coolabah</i> open woodland on drainage lines and/or plains                                                             |  |  | 1.44 |
| RE 4.4.1 - <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone |  |  | 5.54 |

Note: All Co-ordinates in Schedule D Table 1 are in GDA 94 Datum.

- D9 Notwithstanding conditions (D7) and (D8), the following petroleum activities are permitted within state forests or timber reserves and within the primary protection zone of state forests or timber reserves:
- linear infrastructure;
  - pipeline construction corridor not exceeding 30m in width; and
  - turn around and work areas associated with pipeline construction not exceeding 50m in width.
- D10 Non-linear infrastructure is permitted within the secondary protection zone of ESAs provided the location is justified given other constraints and cannot be avoided and it can be demonstrated that there will be no negative impacts on the ESA.
- D11 Records demonstrating compliance with condition (D10) must be kept.
- D12 A report must be prepared for each annual return period for all petroleum activities that involved clearing of any environmentally sensitive area or protection zone which includes:
- records able to demonstrate compliance with conditions (D7) – (D10);
  - a description of the works;
  - a description of the area and its pre-disturbance values (which may include maps or photographs, but must include GPS coordinates for the works); and
  - based on the extent of environmentally sensitive areas and primary protection zones on the relevant resource authority(ies), the proportion of native vegetation cleared per environmentally sensitive area and primary protection zone, including regional ecosystem type, over the annual return period.
- Impacts to prescribed environmental matters**
- D13 Significant residual impacts to prescribed environmental matters are not authorised under this environmental authority or the Environmental Offsets Act 2014 unless the impact(s) is specified in Schedule D – Table 2 – Significant residual impacts to prescribed environmental matters.

**Schedule D, Table 2 – Significant residual impacts to prescribed environmental matters.**

| <b>Prescribed environmental matter</b>                                                                                                                                                                                | <b>Location and maximum extent of impact</b> | <b>Total Maximum extent of impact (ha)</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------|
| <b>Vegetation within a defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map</b>                                                                            |                                              |                                            |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.11.2 (BVG1M: 19a) | Refer to Appendix B, Table 1, 2 and 3.       | 4.61                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.11.3 (BVG1M:19b)  |                                              | 1.78                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.12.1 (BVG1M: 19a) |                                              | 6.71                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.3.6 (BVG1M: 16c)  |                                              | 3.95                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.3.7 (BVG1M: 16a)  |                                              | 6.29                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.5.4 (BVG1M: 19b)  |                                              | 1.94                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.5.6 (BVG1M: 27b)  |                                              | 2.0                                        |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.5.7 (BVG1M: 23a)  |                                              | 0.11                                       |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 1.7.1 (BVG1M: 19a)  |                                              | 0.013                                      |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.1 (BVG1M: 16a)  |                                              | 2.87                                       |

|                                                                                                                                                                                                                        |                                        |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------|
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.10 (BVG1M: 27a)  | Refer to Appendix B, Table 1, 2 and 3. | 1.80 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.16 (BVG1M: 30a)  |                                        | 2.59 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.17 (BVG1M: 30a)  |                                        | 2.12 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.20 (BVG1M: 31a)  |                                        | 0.09 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.3 (BVG1M: 16a)   |                                        | 0.67 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) 4.3.4 (BVG1M: 16a)   |                                        | 0.96 |
| Regional ecosystem (not within an urban area within the defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map – Regional Ecosystem (RE) – 4.4.1 (BVG1M: 30b) |                                        | 1.38 |

*Note: All Co-ordinates in Schedule D Table 2 are in GDA 94 Datum.*

D14 Records demonstrating that each impact to a prescribed environmental matter not listed in Schedule D, Table 2 – Significant residual impacts to prescribed environmental matters did not, or is not likely to, result in a significant residual impact to that matter must be:

- a) completed by a suitably qualified person; and
- b) kept for the life of the environmental authority.

D15 An environmental offset made in accordance with the Environmental Offsets Act 2014 and Queensland Environmental Offsets Policy, as amended from time to time, must be undertaken for the maximum extent of impact to each prescribed environmental matter authorised in Schedule D, Table 2 — Significant residual impacts to prescribed environmental matters.

## Schedule E – Construction Conditions

- E1 Pipeline construction must be in accordance, to the greatest practicable extent, with the relevant section of the APIA Code of Environmental Practice: Onshore Pipelines (2009) and/or AS 2885.1:2012.

### **Activities in watercourses, wetlands, lakes and springs**

- E2 Petroleum activities that require earthworks, vegetation clearing and/or placing fill, other than that associated with the construction of linear infrastructure, are not permitted in or within:
- 200 metres of any wetland, lake or spring; or
  - 100 metres of the outer bank of any other watercourse.
- E3 The construction and/or maintenance for linear infrastructure that will result in significant disturbance to a wetland, lake, spring or watercourse must be conducted in accordance with the following order of preference. Conducting works:
- firstly, in times where there is no water present.
  - secondly, in times of no flow.
  - thirdly, in times of flow, but in a way that does not impede low flow.
- E4 Petroleum activities must not result in water turbidity increases of more than 10% in high ecological value waters outside contained construction or maintenance areas.
- E5 The construction and/or maintenance for linear infrastructure that will result in significant disturbance to a lake, spring or watercourse must be designed and undertaken by a suitably qualified person in accordance with the guideline Activities in a watercourse, lake or spring associated with a resource activity or mining operations.
- E6 The construction and/or maintenance for linear infrastructure that will result in significant disturbance to a wetland must be designed and undertaken by a suitably qualified person taking into consideration sections 5 and 6 of the guideline Activities in a watercourse, lake or spring associated with a resource activity or mining operations.

### **Fauna management**

- E7 Measures to prevent fauna entrapment must be implemented during the construction of pipelines in pipe sections and pipeline trenches and operation of dams.

### **Waste**

- E8 Pipeline waste water may be released to land provided that it:
- can be demonstrated to meet the acceptable standards for release to land.
  - is released in a way that does not cause visible scouring or erosion.

- 
- E9 If hydrostatic testing water quality does not or cannot be treated to meet the requirements of condition (E8), it must be managed in accordance with conditions (C13) or (C14).

**Blasting**

- E10 A Blast Management Plan must be developed for each blasting activity in accordance with Australian Standard 2187.
- E11 Blasting operations must be designed to not exceed an airblast overpressure level of 120dB (linear peak) at any time, when measured at or extrapolated to any sensitive place.
- E12 Blasting operations must be designed to not exceed a ground-borne vibration peak particle velocity of 10mm/s at any time, when measured at or extrapolated to any sensitive place.

**Structures that are dams or levees**

- E13 Regulated structures are not permitted.
- E14 The consequence category of any structure to be used in carrying out petroleum activities must be assessed in accordance with the Queensland Government Manual for Assessing Hazard Categories and Hydraulic Performance of Dams prior to the design and construction of the structure.
- E15 A consequence assessment report and certification must be prepared for each structure assessed and the report may include a consequence assessment for more than one structure.
- E16 Certification must be provided by the suitably qualified and experienced person who undertook the assessment, in the form set out in the Manual for Assessing Consequence Categories and Hydraulic Performance of Structures.
- E17 Low consequence dams must be:
- a) constructed, operated and maintained in accordance with accepted engineering standards currently appropriate for the purpose for which the dam is intended to be used; and
  - b) designed with a floor and sides made of material that will contain the wetting front and any entrained contaminants within the bounds of the containment system during both its operational life and including any period of decommissioning and rehabilitation.
- E18 All low consequence dams must be monitored for early signs of loss of structural or hydraulic integrity as specified in the initial hazard assessment.
- E19 When no longer required all low consequence dams must be decommissioned to no longer accept inflow from the petroleum activities and be either:
- (a) rehabilitated; or

- (b) agreed to in writing by the administering authority and the landholder to remain in situ following the cessation of the petroleum activity(ies) associated with the dam, with the contained water of a quality suitable for the intended ongoing uses(s) by that landholder.

#### **Pipeline reinstatement and revegetation**

- E20 Pipeline trenches must be backfilled and topsoils reinstated within 3 months after pipe laying.
- E21 Reinstatement and revegetation of the pipeline right of way must commence within 6 months after completion of petroleum activities for the purpose of pipeline construction.
- E22 Backfilled, reinstated and revegetated pipeline trenches and right of way must be:
- a) a stable landform.
  - b) re-profiled to a level consistent with surrounding soils.
  - c) re-profiled to original contours and established drainage lines.
  - d) vegetated with groundcover which is not a declared pest species, and which is established and self- sustaining.

#### **Schedule F – Post-construction conditions including operations, maintenance and decommissioning**

- F1 Pipeline operation and maintenance must be in accordance, to the greatest practicable extent, with the relevant section of the APIA Code of Environmental Practice: Onshore Pipelines (2009) and/or AS2885.3:2012.
- F2 Written procedures must be developed to ensure operations and maintenance of the pipeline complies with the conditions of the environmental authority.
- F3 Pipeline waste water may be released to land provided that it meets the requirements of condition (E8).

#### **Rehabilitation planning**

- F4 A Rehabilitation Plan must be developed by a suitably qualified person and must include the:
- a) rehabilitation goals; and
  - b) procedures to be undertaken for rehabilitation that will:
    - i. achieve the requirements of conditions (F5) to (F9), inclusive; and
    - ii. provide for appropriate monitoring and maintenance.

**Transitional rehabilitation**

F5 Significantly disturbed areas that are no longer required for the on-going petroleum activities, must be rehabilitated within 12 months (unless an exceptional circumstance in the area to be rehabilitated (e.g. a flood event) prevents this timeframe being met) and be maintained to meet the following acceptance criteria:

- (a) contaminated land resulting from petroleum activities is remediated and rehabilitated
- (b) the areas are:
  - i. non-polluting
  - ii. a stable landform
  - iii. re-profiled to contours consistent with the surrounding landform
- (c) surface drainage lines are re-established
- (d) top soil is reinstated; and
- (e) either:
  - i. groundcover, that is not a declared pest species, is growing; or
  - ii. an alternative soil stabilisation methodology that achieves effective stabilisation is implemented and maintained.

**Final rehabilitation acceptance criteria**

F6 All significantly disturbed areas caused by petroleum activities which are not being or intended to be utilised by the landholder or overlapping tenure holder, must be rehabilitated to meet the following final acceptance criteria measured either against the highest ecological value adjacent land use or the pre-disturbed land use:

- a) greater than or equal to 70% of native ground cover species richness;
- b) greater than or equal to the total per cent of ground cover;
- c) less than or equal to the per cent species richness of declared plant pest species; and
- d) where the adjacent land use contains, or the pre-clearing land use contained, one or more regional ecosystem(s), then at least one regional ecosystem(s) from the same broad vegetation group, and with the equivalent biodiversity status or a biodiversity status with a higher conservation value as any of the regional ecosystem (s) in either the adjacent land or pre-disturbed land, must be present.

**Final rehabilitation acceptance criteria in environmentally sensitive areas**

F7 Where significant disturbance to land has occurred in an environmentally sensitive area, the following final rehabilitation criteria as measured against the pre-disturbance biodiversity values assessment (required by conditions (F1) and (F2)) must be met:

- a) greater than or equal to 70% of native ground cover species richness;
- b) greater than or equal to the total per cent ground cover;
- c) less than or equal to the per cent species richness of declared plant pest species;
- d) greater than or equal to 50% of organic litter cover;
- e) greater than or equal to 50% of total density of coarse woody material; and
- f) all predominant species in the ecologically dominant layer, that define the pre-disturbance regional ecosystem(s) are present.

**Continuing conditions**

- F8 Conditions (F5), (F6) and (F7) continue to apply after this environmental authority has ended or ceased to have effect.

**Remaining dams**

- F9 Where there is a dam (including a low consequence dam) that is being or intended to be utilised by the landholder or overlapping tenure holder, the dam must be decommissioned to no longer accept inflow from the petroleum activity(ies) and the contained water must be of a quality suitable for the intended on-going uses(s) by the landholder or overlapping tenure holder.

**Schedule G – Air**

- G1 Unless venting is authorised under the Petroleum and Gas (Production and Safety) Act 2004 or the Petroleum Act 1923, waste gas must be flared in a manner that complies with all of (a), (b) and (c) or with (d):
- an automatic ignition system is used, and
  - a flame is visible at all times while the waste gas is being flared, and
  - there are no visible smoke emissions other than for a total period of no more than 5 minutes in any 2 hours, or
  - it uses an enclosed flare.
- G2 The only type of fuel to be burnt in the gas turbines is natural gas.
- G3 The release of contaminants to the atmosphere from a point source capable of burning at least 500kg in an hour must;
- only occur from those release points identified in Schedule G - Table 1;
  - be directed vertically upwards without any impedence or hindrance; and
  - not exceed the limits specified in Schedule G – Table 1.

**Schedule G - Table 1 - Release of Contaminants at Mount Isa Compressor Station**

| Release point number                      | Coordinates                                     | Minimum release height (metres) | Minimum Velocity (m/sec) | Contaminant released   | Maximum release limit                                                 |
|-------------------------------------------|-------------------------------------------------|---------------------------------|--------------------------|------------------------|-----------------------------------------------------------------------|
| <b>A1<br/>Natural Gas Engine (Unit 1)</b> | Latitude:<br>-20.79<br><br>Longitude:<br>139.48 | 12                              | 7                        | NOx as NO <sub>2</sub> | 250 mg/Nm <sup>3</sup> @ 5% O <sub>2</sub> (dry) and 1.0 grams/second |
| <b>A2<br/>Natural Gas Engine (Unit 2)</b> | Latitude:<br>-20.79<br><br>Longitude:<br>139.48 | 12                              | 7                        | NOx as NO <sub>2</sub> | 250 mg/Nm <sup>3</sup> @ 5% O <sub>2</sub> (dry) and 1.0 grams/second |

**Note:** The above NOx release limits are applicable at all times except start -up, shut- down and calibration of emission monitoring devices. The start- up period is allowed up to 30 minutes.

- G4 Environmental nuisance must not be caused during start up, shut down and calibration periods.

**Monitoring of contaminant releases to the atmosphere**

- G5 Point source air monitoring for release points identified in Condition G3 must:
- (a) be undertaken once:
    - i. in the first three months after each facility is first commissioned; and then
    - ii. every year thereafter;
  - (b) be carried out when the facility the subject of the sampling is operating under maximum operating conditions for the annual period; and
  - (c) demonstrate compliance with the limits listed in Schedule G- Table 1 at each release point reference.
- G6 The holder of this authority must conduct and keep records of the monitoring program required in condition G5 of contaminant release to the atmosphere and must include, but not be limited to:
- a) gas velocity and volume flow rate;
  - b) temperature and oxygen content; and
  - c) water vapour concentration.
- G7 All air quality monitoring must be made in accordance with the methods prescribed in the most recent version of the administering authority's Air Quality Sampling Manual. If monitoring requirements for specific contaminants are not described in the administering authority's Air Quality Sampling Manual, monitoring protocols must be in accordance with a method:
- a) as approved by New South Wales EPA, Victorian EPA or United States EPA; and
  - b) as agreed to by the administering authority.

**Schedule H – Monitoring and reporting conditions****Monitoring**

- H1 All monitoring must be undertaken by a suitably qualified person.
- H2 The holder of this environmental authority must, when requested by the administering authority, undertake relevant specified monitoring within a timeframe nominated by the administering authority to investigate any complaint of environmental harm. The results of the investigation (including an analysis and interpretation of the monitoring results) and abatement measures, where implemented, must be provided to the administering authority by the nominated date.
- H3 All laboratory analyses and tests must be undertaken by a laboratory that has NATA accreditation for such analyses and tests, except as otherwise authorised in writing by the administering authority.
- H4 Notwithstanding condition (H3), where there are no NATA accredited laboratories available to test for a specific analyte or substance, then duplicate samples must be sent to separate laboratories for independent testing or evaluation.

**Sampling**

- H5 The methods of surface water sampling must comply with that set out in the Queensland Government's Monitoring and Sampling Manual 2009 – Environmental Protection (Water) Policy 2009.
- H6 The methods of groundwater sampling must comply with the Australian Government's Groundwater Sampling and Analysis – A Field Guide (2009:27 GeoCat #6890.1).
- H7 Noise must be measured in accordance with the prescribed standards in the Environmental Protection Regulation 2008.
- H8 The method of measurement of ambient air quality or point source contaminant releases to air must comply with the Queensland Air Quality Sampling Manual and/or Australian Standard 4323.1:1995 Stationary source emissions method 1: Selection of sampling positions, whichever is appropriate for the relevant measurement.

**Notification**

- H9 In addition to the requirements under Chapter 7, Part 1, Division 2 of the Environmental Protection Act 1994, the administering authority must be notified through the Pollution Hotline and in writing, as soon as possible, but within 48 hours of becoming aware of any of the following events:
- (a) any unauthorised significant disturbance to land.
  - (b) potential or actual loss of structural or hydraulic integrity of a dam.
  - (c) unauthorised releases of any volume of prescribed contaminants to waters.
  - (d) unauthorised releases of volumes of contaminants, in any mixture, to land greater than:
    - i. 200 L of hydrocarbons; or
    - ii. 5 000 L of raw sewage; or
    - iii. 10 000 L of treated sewage effluent.
  - (e) monitoring results where two out of any five consecutive samples do not comply with the relevant limits in the environmental authority.

**Reporting**

- H10 The annual return must include an Update Report detailing activities during the annual return period, demonstrating:
- a) significant disturbance during the period.
  - b) rehabilitation undertaken.
  - c) a list of all valid complaints relating to environmental issues made including the date, source, reason for the complaint and a description of investigations undertaken in resolving the complaint.
  - d) the results of all monitoring undertaken.

**Schedule I – Noise conditions**

- I1 Other than as permitted within this environmental authority, noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.
- I2 Noise monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual.

## Schedule J- Definitions

**Explanatory note:** Where a term is not defined in this document, the definition in the Environmental Protection Act 1994, its regulations and environmental protection policies, then the Acts Interpretation Act 1954 then the Macquarie Dictionary should be used in that order.

**“acceptable standards for release to land”** means wastewater of the following quality as determined by monitoring results or by characterisation:

- (e) electrical conductivity (EC) not exceeding 3000µS/cm
- (f) sodium adsorption ratio (SAR) not exceeding 8
- (g) pH between 6.0 and 9.0
- (h) heavy metals (measured as total) meets the respective short term trigger value in section 4.2.6, Table 4.2.10—Heavy metals and metalloids in Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC) 2000

**“accepted engineering standards”** in relation to dams, means those standards of design, construction, operation and maintenance that are broadly accepted within the profession of engineering as being good practice for the purpose and application being considered. In the case of dams, the most relevant documents would be publications of the Australian National Committee on Large Dams (ANCOLD), guidelines published by Queensland government departments and relevant Australian and New Zealand Standards.

**“adjacent land use(s)”** means the ecosystem function adjacent to an area of significant disturbance, or where there is no ecosystem function, the use of the land. An adjacent land use does not include an adjacent area that shows evidence of edge effect.

**“administering authority”** has the meaning in Schedule 4 of the Environmental Protection Act 1994.

**“alternative arrangement”** means a written agreement between the holder of this environmental authority and an affected or potentially affected person at a sensitive receptor for a defined noise nuisance impact and may include an agreed period of time for which the arrangement is in place. An agreement for alternative arrangements may include, but not necessarily be limited to a range of noise abatement measures to be installed at a sensitive receptor and / or provision of alternative accommodation for the duration of the defined noise nuisance impact.

**“analogue site(s)”** means an area of land which contains values and characteristics representative of an area to be rehabilitated prior to disturbance. Such values must encompass land use, topographic, soil, vegetation and other ecological characteristics. Analogue sites can be the pre-disturbed site of interest where significant surveying effort has been undertaken to establish benchmark parameters.

**“analyte(s)”** means a chemical parameter determined by either physical measurement in the field or by laboratory analysis.

**“annual return period”** means the most current 12-month period between 2 anniversary dates.

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Permit  
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**“aquifer”** means an identifiable stratigraphic formation that has the potential to produce useful flows of water.

**“Australian Standard 2187”** means Australian Standard 2187.0:1998 Explosives—Storage, transport and use, Part 0, Australian Standard 2187.1:1998 Explosives—Storage, transport and use Part 1 and Australian Standard 2187.2:2006 Explosives—Storage and use, Part 2 or any updated versions that becomes available from time to time.

**“Australian Standard 2885”** means Australian Standard 2885.0:2008 Pipelines – Gas and Liquid Petroleum General Requirements, Australian Standard 2885.0-2008/Amdt 1-2012 Pipelines - Gas and Liquid Petroleum General Requirements, Australian Standard 2885.1:2012 Pipelines – Gas and Liquid Petroleum Design and Construction and Australian Standard 2885.3:2012 Pipelines – Gas and Liquid Petroleum Operation and Maintenance, or any updated versions that become available from time to time.

**“bed”** of any waters, has the meaning in Schedule 12 Part 2 of the Environmental Protection Regulation 2008.

**“being or intended to be utilised by the landholder or overlapping tenure holder”** for significantly disturbed land, means there is a written agreement (e.g. land and compensation agreement) between the landholder or the overlapping tenure holder and the holder of the environmental authority identifying that the landholder or the overlapping tenure holder has a preferred use of the land such that rehabilitation standards for revegetation by the holder of the environmental authority are not required.

For dams, means there is a written agreement (e.g. land and compensation agreement) between the landholder or the overlapping tenure holder and the holder of the environmental authority identifying that the landholder or the overlapping tenure holder has a preferred use for the dam such that rehabilitation standards for revegetation by the holder of the environmental authority are not required.

**“biodiversity values”** for the purposes of this environmental authority, means environmentally sensitive areas, prescribed environmental matters and wetlands.

**“business day”** has the meaning in section 36 of the Acts Interpretation Act 1954.

**“category A ESA”** means any area listed in Schedule 12, Section 1 of the Environmental Protection Regulation 2008.

**“category B ESA”** means any area listed in Schedule 12, Section 2 of the Environmental Protection Regulation 2008.

**“category C ESA”** means any of the following areas:

- nature refuges as defined in the conservation agreement for that refuge under the Nature Conservation Act 1992
- koala habitat areas as defined under the Nature Conservation (Koala) Conservation Plan 2006
- State forests or timber reserves as defined under the Forestry Act 1959
- regional parks (previously known as resource reserves) under the Nature Conservation

Act 1992

- an area validated as 'essential habitat' or 'essential regrowth habitat' from ground-truthing surveys in accordance with the Vegetation Management Act 1999 for a species of wildlife listed as endangered or vulnerable under the Nature Conservation Act 1992
- 'of concern regional ecosystems' that are remnant vegetation and identified in the database called 'RE description database' containing regional ecosystem numbers and descriptions.

**"certification"** means assessment and approval must be undertaken by a suitably qualified and experienced person in relation to any assessment or documentation required by this Manual, including design plans, 'as constructed' drawings and specifications, construction, operation or an annual report regarding regulated structures, undertaken in accordance with the Board of Professional Engineers of Queensland Policy Certification by RPEQs (ID: 1.4 (2A)).

**"certified"** in relation to any matter other than a design plan, 'as constructed' drawings or an annual report regarding dams means, a Statutory Declaration by a suitably qualified person or suitably qualified third party accompanying the written document stating:

- the person's qualifications and experience relevant to the function
- that the person has not knowingly included false, misleading or incomplete information in the document
- that the person has not knowingly failed to reveal any relevant information or document to the administering authority
- that the document addresses the relevant matters for the function and is factually correct; and
- that the opinions expressed in the document are honestly and reasonably held.

**"clearing"** has the meaning in the dictionary of the Vegetation Management Act 2000.

**"consequence assessment"** of a dam, means that a statutory declaration has been made by that person and, when taken together with any attached or appended documents referenced in that declaration, all of the following aspects are addressed and are sufficient to allow an independent audit of the assessment:

- exactly what has been assessed and the precise nature of that determination;
- the relevant legislative, regulatory and technical criteria on which the assessment has been based;
- the relevant data and facts on which the assessment has been based, the source of that material, and the efforts made to obtain all relevant data and facts; and
- the reasoning on which the assessment has been based using the relevant data and facts, and the relevant criteria.

**"consequence category"** means a category, either low, significant or high, into which a dam is assessed as a result of the application of tables and other criteria in the Manual for Assessing Consequence Categories and Hydraulic Performance of Structures (EM635).

**"daily peak design capacity"** for sewage treatment works, has the meaning in Schedule 2, section 63 (4) of the Environmental Protection Regulation 2008 as the higher equivalent person (EP) for the works calculated using each of the formulae found in the definition for EP.

**“dam(s)”** means a land-based structure or a void that is designed to contain, divert or control flowable substances, and includes any substances that are thereby contained, diverted or controlled by that land-based structure or void and associated works. A dam does not mean a fabricated or manufactured tank or container, designed and constructed to an Australian Standard that deals with strength and structural integrity of that tank or container.

**“declared pest species”** has the meaning in the Land Protection (Pest and Stock Route Management) Regulation 2003 and is a live animal or plant declared to be a declared pest under section 36 (Declaring Pests by Regulation) or section 37(2) (Declaring Pest under Emergency Pest Notice) of that Act and includes reproductive material of the animal or plant.

**“declared plant pest species”** has the meaning in the Land Protection (Pest and Stock Route Management) Regulation 2003 and is a plant declared to be a declared pest under section 36 (Declaring Pests by Regulation) or section 37(2) (Declaring Pest under Emergency Pest Notice) of that Act and includes reproductive material of the plant.

**“decommissioning”** in relation to pipelines means the actions undertaken in accordance with the requirements of Australian Standard 2885, as amended from time to time, to prepare the pipeline and peripheral facilities for pending suspension or abandonment.

**“documents”** has the meaning in section 36 of the Acts Interpretation Act 1954.

**“ecological connectivity”** is a measure of ecological condition and means the flow or connection of organisms and ecological processes across landscapes at multiple scales. Ecological connectivity has a positive relationship with landscape connectivity and habitat connectivity and effects vary between species. It includes connectivity by stepping stone or contiguous bioregional/local corridor networks.

**“ecologically dominant layer”** has the meaning in the Methodology for Surveying and Mapping of Regional Ecosystems and Vegetation Communities in Queensland (Version 3.2 August 2012) and means the layer making the greatest contribution to the overall biomass of the site and the vegetation community (NLWRA 2001). This is also referred to as the ecologically dominant stratum or the predominant canopy in woody ecosystems.

**“ecosystem function”** means the interactions between and within living and nonliving components of an ecosystem and generally correlates with the size, shape and location of the vegetation community.

**“ecosystem functioning”** means the interactions between and within living and nonliving components of an ecosystem and generally correlates with the size, shape and location of the vegetation community.

**“enclosed flare”** means a device where the residual gas is burned in a cylindrical or rectilinear enclosure that includes a burning system and a damper where air for the combustion reaction is admitted.

**“environmental harm”** has the meaning in section 14 of the Environmental Protection Act 1994.

**“environmental nuisance”** has the meaning in section 15 of the Environmental Protection Act 1994 and means unreasonable interference or likely interference with an environmental value caused by—

- (m) aerosols, fumes, light, noise, odour, particles or smoke; or
- (n) an unhealthy, offensive or unsightly condition because of contamination; or
- (o) another way prescribed by regulation.

**“environmental offset”** has the meaning in section 7 of the Environmental Offsets Act 2014.

**“environmental value(s)”** has the meaning in section 9 of the Environmental Protection Act 1994.

**“environmentally relevant activity or ERA”** has the meaning in section 18 of the Environmental Protection Act 1994.

**“equivalent person or EP”** has the meaning under section 3 of the Planning Guidelines For Water Supply and Sewerage, 2005, published by the Queensland Government. It is calculated in accordance with Schedule 2, Section 63(4) of the Environmental Protection Regulation 2008 where:

- $EP = V/200$  where V is the volume, in litres, of the average dry weather flow of sewage that can be treated at the works in a day; or
- $EP = M/2.5$  where M is the mass, in grams, of phosphorus in the influent that the works are designed to treat as the inlet load in a day.

**“financial assurance”** for an environmental authority, means financial assurance given for the authority under Chapter 5, part 12, division 2 of the Environmental Protection Act 1994.

**“flowable substance”** means matter or a mixture of materials which can flow under any conditions potentially affecting that substance. Constituents of a flowable substance can include water, other liquids fluids or solids, or a mixture that includes water and any other liquids fluids or solids either in solution or suspension.

**“green waste”** means waste that is grass cuttings, trees, bushes, shrubs, material lopped from trees, untreated timber or other waste that is similar in nature but does not include declared pest species.

**“greywater”** means wastewater generated from domestic activities such as laundry, dishwashing, and bathing. Greywater does not include sewage.

**“high ecological value waters”** means Queensland waters that are scheduled waters under the Environmental Protection (Water) Policy 2009 as high value ecological waters.

**“hydraulic integrity”** refers to the capacity of a dam to contain or safely pass flowable substances based on its design.

**“incidental activity”** for this environmental authority means an activity that is not a specified relevant activity and is necessary to carry out the activities listed in Schedule A, Table 1 – Scale and Intensity for the Activities.

**“lake”** means:

- a lagoon, swamp or other natural collection of water, whether permanent or intermittent; and
- the bed and banks and any other element confining or containing the water.

**“levee”** means an embankment that only provides for the containment and diversion of stormwater or flood flows from a contributing catchment, or containment and diversion of flowable materials resulting from releases from other works, during the progress of those stormwater or flood flows or those releases; and does not store any significant volume of water or flowable substances at any other times.

**“linear infrastructure”** means powerlines, pipelines, roads and access tracks.

**“low consequence dam”** means any dam that is not classified as high or significant as assessed using the Manual for Assessing Consequence Categories and Hydraulic Performance of Structures, published by the administering authority, as amended from time to time.

**“low impact petroleum activities”** means petroleum activities which do not result in the clearing of native vegetation, cause disruption to soil profiles through earthworks or excavation or result in significant disturbance to land which cannot be rehabilitated immediately using hand tools after the activity is completed. Examples of such activities include but are not necessarily limited to soil surveys (excluding test pits), topographic surveys, cadastral surveys and ecological surveys, may include installation of monitoring equipment provided that it is within the meaning of low impact and traversing land by car or foot via existing access tracks or routes or in such a way that does not result in permanent damage to vegetation.

**“month”** has the meaning in section 36 of the Acts Interpretation Act 1954.

**“NATA accreditation”** means accreditation by the National Association of Testing Authorities Australia.

**“non-linear infrastructure”** means infrastructure that is other than a powerline, a pipeline, a road, an access track and includes only the following:

- workers camps
- maintenance facilities
- no-release sewage treatment plants
- laydown areas
- structures (i.e. dams or levees)
- tanks
- sediment and erosion control measures
- above ground containers and chemical / fuel storages
- water pumps and generators
- stockpiles
- compressor station capable of burning less than 500kg/hr of fuel

**“outer bank”** has the meaning in section 5A of the Water Act 2000.

**“pipeline waste water”** means hydrostatic testing water, flush water or water from low point drains.

**“pre-disturbed land use”** means the function or use of the land as documented prior to significant disturbance occurring at that location.

**“predominant species”** has the meaning in the Methodology for Surveying and Mapping of Regional Ecosystems and Vegetation Communities in Queensland (Version 3.2 August 2012) and means a species that contributes most to the overall above-ground biomass of a particular stratum.

**“prescribed contaminants”** has the meaning in section 440ZD of the Environmental Protection Act 1994 and means:

- (d) earth; or
- (e) a contaminant prescribed under section 440ZF.

**“prescribed environmental matters”** has the meaning in section 10 of the Environmental Offsets Act 2014, limited to the matters of State environmental significance listed in schedule 2 of the Environmental Offsets Regulation 2014.

**“primary protection zone”** means an area within 200 metres from the boundary of any Category A, B or C environmentally sensitive area.

**“Prescribed water contaminant”** has the meaning in section 440ZD of the *Environmental Protection Act 1994* and means:

- (f) earth; or
- (g) a contaminant prescribed under section 440ZF (including Schedule 9 of the Environmental Protection Regulation 2008).

**“regional ecosystem”** has the meaning in the Methodology for Surveying and Mapping of Regional Ecosystems and Vegetation Communities in Queensland (Version 3.2 August 2012) and means a vegetation community in a bioregion that is consistently associated with a particular combination of geology, landform and soil. Regional ecosystems of Queensland were originally described in Sattler and Williams (1999). The Regional Ecosystem Description Database (Queensland Herbarium 2013) is maintained by Queensland Herbarium and contains the current descriptions of regional ecosystems.

**“regulated structure”** includes land-based containment structures, levees, bunds and voids, but not a tank or container designed and constructed to an Australian Standard that deals with strength and structural integrity.

**“rehabilitation or rehabilitated”** means the process of reshaping and revegetating land to restore it to a stable landform and in accordance with acceptance criteria and, where relevant, includes remediation of contaminated land. For the purposes of pipeline rehabilitation, rehabilitation includes reinstatement, revegetation and restoration.

**“reinstated or reinstatement”** means the process of bulk earth works and structural replacement of pre-existing conditions of a site (i.e. soil surface topography, watercourses, culverts, fences and gates

and other landscape(d) features) and is detailed in the APIA Code of Environmental Practice: Onshore Pipelines (2009).

**“release, releases, released”** has the meaning in Schedule 4 of the Environmental Protection Act 1994.

**“resource activity(ies)”** has the meaning in section 107(d) of the Environmental Protection Act 1994.

**“restoration”** means the replacement of structural habitat complexity, ecosystem processes, services and function from a disturbed or degraded site to that of a pre-determined or analogue site. For the purposes of pipelines, restoration applies to final rehabilitation after pipeline decommissioning.

**“revegetation or revegetating or revegetate”** means to actively re-establish vegetation through seeding or planting techniques in accordance with site specific management plans.

**“right of way”** means the linear construction footprint required to install pipelines.

**“secondary protection zone”** in relation to a Category A or Category B environmentally sensitive area means an area within 100 metres from the boundary of the primary protection zone.

**“secondary treated class B standards”** means treated sewage effluent or greywater which meets the following standards:

- total phosphorous as P, maximum 20mg/L
- total nitrogen as N, maximum 30mg/L
- 5-day biochemical oxygen demand (inhibited) (e.g. release pipe from sewage treatment plant), maximum 20mg/L
- suspended solids, maximum 30mg/L
- pH, range 6.0 to 8.5
- e-coli, 80th percentile based on at least 5 samples with not less than 30 minutes between samples, 1000cfu per 100mL, maximum 10 000cfu per 100mL.

**“secondary treated class C standards”** means treated sewage effluent or greywater which meets the following standards:

- total phosphorous as P, maximum 20mg/L
- total nitrogen as N, maximum 30mg/L
- 5-day biochemical oxygen demand (inhibited) (e.g. Release pipe from sewage treatment plant), maximum 20mg/L
- suspended solids, maximum 30mg/L
- pH, range 6.0 to 8.5
- e-Coli, 80th percentile based on at least 5 samples with not less than 30 minutes between samples, 10 000cfu per 100mL, maximum 100 000cfu per 100mL.

**“sensitive place”** means:

- a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel)
- a library, childcare centre, kindergarten, school, university or other educational institution

- a medical centre, surgery or hospital
- a protected area
- a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment
- a work place used as an office or for business or commercial purposes, which is not part of the petroleum activity(ies) and does not include employees accommodation or public roads

**“sensitive receptor”** means an area or place where noise (including low frequency, vibration and blasting) is measured investigate whether nuisance impacts are occurring and includes:

- a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel)
- a library, childcare centre, kindergarten, school, university or other educational institution
- a medical centre, surgery or hospital
- a protected area
- a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment
- a work place used as an office or for business or commercial purposes, which is not part of the petroleum activity(ies) and does not include employees accommodation or public roads.

**“significant residual impact”** has the meaning in section 8 of the Environmental Offsets Act 2014.

**“significantly disturbed or significant disturbance or significant disturbance to land or areas”** has the meaning in Schedule 12, section 4 of the Environmental Protection Regulation 2008. Land is significantly disturbed if—

- (h) it is contaminated land; or
- (i) it has been disturbed and human intervention is needed to rehabilitate it—
  - (i) to a condition required under the relevant environmental authority; or
  - (ii) if the environmental authority does not require the land to be rehabilitated to a particular condition—to the condition it was in immediately before the disturbance.

**“species richness”** means the number of different species in a given area.

**“specified relevant activities”** for this environmental authority means an activity that:

- (j) but for being carried out as a resource activity, would otherwise be an activity prescribed under section 19 of the Environmental Protection Act 1994 as an environmentally relevant activity; or
- (k) stimulation activities; or
- (l) extracting material other than by dredging.

**“spring(s)”** has the meaning in Schedule 4 of the Water Act 2000

**“stable”** has the meaning in Schedule 5 of the Environmental Protection Regulation 2008 and, for a site, means the rehabilitation and restoration of the site is enduring or permanent so that the site is unlikely to collapse, erode or subside.

**“structure”** means a dam or levee.

**“suitably qualified person”** means a person who has qualifications, training, skills and experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

**“top soil”** means the surface (top) layer of a soil profile, which is more fertile, darker in colour, better structured and supports greater biological activity than underlying layers. The surface layer may vary in depth depending on soil forming factors, including parent material, location and slope, but generally is not greater than about 300mm in depth from the natural surface.

**“total density of coarse woody material”** means the total length of logs on the ground greater than or equal to 10cm diameter per hectare and number of logs on the ground greater than or equal to 10cm diameter per hectare.

**“trench spoil”** means soil from the pipeline trench.

**“valid complaint”** means a complaint that is not considered by the administering authority or holder of the environmental authority to be frivolous, vexatious or based on mistaken belief.

**“waste and resource management hierarchy”** has the meaning provided in section 9 of the Waste Reduction and Recycling Act 2011.

**“waste and resource management principles”** has the meaning provided in section 4(2)(b) of the Waste Reduction and Recycling Act 2011.

**“waters”** means all or any part of a creek, river, stream, lake, lagoon, swamp, wetland, spring, unconfined surface water, unconfined water in natural or artificial watercourses, bed and bank of any waters, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and underground water.

**“watercourse”** has the meaning provided in Schedule 4 of the Environmental Protection Act 1994.

**“wetland”** means a wetland as defined under the Queensland Wetlands Program and are areas of permanent or periodic/intermittent inundation, with water that is static or flowing fresh, brackish or salt, including areas of marine water, the depth of which at low tide does not exceed 6 metres. To be classified as a wetland, the area must have one or more of the following attributes:

- at least periodically, the land supports plants or animals that are adapted to and dependent on living in wet conditions for at least part of their life cycle; or
- the substratum is predominantly undrained soils that are saturated, flooded or ponded long enough to develop anaerobic conditions in the upper layers; or
- the substratum is not soil and is saturated with water, or covered by water at some time.

For the purposes of petroleum activities, wetlands do not include springs and watercourses and those wetlands that are defined in the Wetland Mapping and Classification Methodology (2005) published by the Queensland Government as:

- H2M1 Riverine or ex-riverine (lacustrine) water bodies associated with dams and weirs located in a channel
- H2M3p Ponded pastures
- H2M5 Palustrine/lacustrine water bodies where ecological character has changed due to gross mechanical disturbance (e.g. cropping)
- H2M6 Palustrine/lacustrine water bodies that have been converted, completely or mostly, to a ring tank or other controlled storage
- H2M7 Riverine water bodies that have been converted mostly to canals or irrigation channels
- H3C1 Artificial stand-alone water storages not within a natural water body or channel; or
- H3C2 Artificial Channel drain/canal – bore drains, swales, bores and irrigation channel overflows/ponding.

Explanatory note: This definition has been amended from the Queensland Wetlands Program definition so that low value wetlands and man-made water bodies are excluded.

“**year(s)**” has the meaning in s36 of the Acts Interpretation Act 1954.

## Appendix A – Coordinates and areas for authorised disturbance as specified in Schedule D, Table 1.

**Appendix A, Table 1: Coordinates and maximum total disturbance for disturbance to Category B ESAs authorised in Schedule D, Table 1- Authorised petroleum activity(ies) disturbance**

| Table 1: Impacts to Category B Environmentally Sensitive Areas |                                  |                                                         |                                 |
|----------------------------------------------------------------|----------------------------------|---------------------------------------------------------|---------------------------------|
| KP                                                             | Regional ecosystem/ ESA Category | Centre Point Coordinates of impact (Longitude/Latitude) | Maximum extent disturbance (ha) |
| 586                                                            | 1.3.7, Category B ESA            | 139.197287 -20.803268                                   | 0.31                            |
| 586                                                            | 1.3.7, Category B ESA            | 139.199885 -20.805328                                   | 0.19                            |
| 586                                                            | 1.3.7, Category B ESA            | 139.201870 -20.806900                                   | 0.23                            |
| 591                                                            | 1.3.7, Category B ESA            | 139.234303 -20.824560                                   | 0.5                             |
| 602                                                            | 1.3.7, Category B ESA            | 139.342983 -20.831002                                   | 0.26                            |
| 606                                                            | 1.3.7, Category B ESA            | 139.365594 -20.811066                                   | 0.05                            |
| 606                                                            | 1.3.7, Category B ESA            | 139.371633 -20.811832                                   | 0.06                            |
| 611                                                            | 1.3.7, Category B ESA            | 139.413594 -20.811519                                   | 0.06                            |
| 612                                                            | 1.3.7, Category B ESA            | 139.420793 -20.808836                                   | 0.16                            |
| 612                                                            | 1.3.7, Category B ESA            | 139.424452 -20.810272                                   | 0.35                            |
| 614                                                            | 1.3.7, Category B ESA            | 139.435395 -20.818910                                   | 0.15                            |
| 614                                                            | 1.3.7, Category B ESA            | 139.435462 -20.823292                                   | 0.23                            |
| 616                                                            | 1.3.7, Category B ESA            | 139.443388 -20.824901                                   | 0.01                            |
| 616                                                            | 1.3.7, Category B ESA            | 139.444959 -20.825070                                   | 0.14                            |
| 616                                                            | 1.3.7, Category B ESA            | 139.446239 -20.825091                                   | 0.29                            |
| 617                                                            | 1.3.7, Category B ESA            | 139.455639 -20.824876                                   | 0.07                            |
| 618                                                            | 1.3.7, Category B ESA            | 139.460017 -20.821507                                   | 0.61                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 138.863656 -20.522363                                   | 0.22                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 139.433383 -20.818057                                   | 0.51                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 138.931371 -20.706533                                   | 0.33                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 139.106525 -20.713248                                   | 0.10                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 139.103293 -20.712043                                   | 0.10                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 139.101792 -20.709182                                   | 0.06                            |
| NA (access track)                                              | 1.3.7, Category B ESA            | 139.100762 -20.706757                                   | 0.15                            |

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|-------------------|-----------------------|-----------------------|------|
| NA (access track) | 1.3.7, Category B ESA | 139.180122 -20.66477  | 0.04 |
| NA (access track) | 1.3.7, Category B ESA | 139.179131 -20.670299 | 0.14 |
| NA (access track) | 1.3.7, Category B ESA | 139.176248 -20.696018 | 0.12 |
| NA (access track) | 1.3.7, Category B ESA | 139.147522 -20.768292 | 0.06 |
| NA (access track) | 1.3.7, Category B ESA | 139.334391 -20.72404  | 0.05 |
| NA (access track) | 1.3.7, Category B ESA | 139.324084 -20.795379 | 0.05 |
| NA (access track) | 1.3.7, Category B ESA | 139.317218 -20.792572 | 0.04 |
| NA (access track) | 1.3.7, Category B ESA | 139.28635 -20.800743  | 0.07 |
| NA (access track) | 1.3.7, Category B ESA | 139.279519 -20.804689 | 0.05 |
| NA (access track) | 1.3.7, Category B ESA | 139.27769 -20.806096  | 0.08 |
| NA (access track) | 1.3.7, Category B ESA | 139.439019 -20.821834 | 0.06 |
| NA (access track) | 1.3.7, Category B ESA | 139.386039 -20.742005 | 0.06 |
| NA (access track) | 1.3.7, Category B ESA | 138.886964 -20.623591 | 0.08 |
| NA (access track) | 1.3.7, Category B ESA | 139.182699 -20.661842 | 0.09 |
| NA (access track) | 1.3.7, Category B ESA | 139.143 -20.76702     | 0.07 |
| NA (access track) | 1.3.7, Category B ESA | 139.167409 -20.718248 | 0.03 |
| NA (access track) | 1.3.7, Category B ESA | 139.425366 -20.811534 | 0.38 |
| NA (access track) | 1.3.7, Category B ESA | 139.446173 -20.824523 | 0.40 |
| NA (access track) | 1.3.7, Category B ESA | 139.457476 -20.821816 | 0.46 |
| NA (access track) | 1.3.7, Category B ESA | 139.413925 -20.811813 | 0.02 |
| NA (access track) | 1.3.7, Category B ESA | 139.435663 -20.818775 | 0.02 |

*Note: All Co-ordinates in Appendix A are in GDA 94 Datum.*

**Appendix A, Table 2: Coordinates and maximum total disturbance for disturbance to primary protection zones of Category B ESAs authorised in Schedule D, Table 1-Authorised petroleum activity(ies) disturbance**

| Table 2: Primary Protection Zones of Category B Environmentally Sensitive Areas |                                  |                                                         |                                    |
|---------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------|------------------------------------|
| KP                                                                              | Regional ecosystem/ ESA Category | Centre Point Coordinates of impact (Longitude/latitude) | Maximum extent of disturbance (ha) |
| 579                                                                             | 1.5.6, PPZ of Category B ESA     | 139.142183 -20.765210                                   | 0.02                               |
| 579                                                                             | 1.5.6, PPZ of Category B ESA     | 139.142351 -20.765165                                   | 0.01                               |
| 579                                                                             | 1.5.6, PPZ of Category B ESA     | 139.147669 -20.766793                                   | 0.66                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.196132 -20.802353                                   | 0.63                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.202922 -20.807739                                   | 0.63                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.200854 -20.806092                                   | 0.60                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.199135 -20.804734                                   | 0.42                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.196229 -20.802700                                   | 0.19                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.196356 -20.802295                                   | 0.15                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.200436 -20.805438                                   | 0.12                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.199345 -20.805228                                   | 0.11                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.200177 -20.805878                                   | 0.08                               |
| 586                                                                             | 1.5.6, PPZ of Category B ESA     | 139.199597 -20.804785                                   | 0.07                               |
| 591                                                                             | 1.5.6, PPZ of Category B ESA     | 139.235434 -20.824848                                   | 0.24                               |
| 591                                                                             | 1.5.6, PPZ of Category B ESA     | 139.235516 -20.824266                                   | 0.18                               |
| 591                                                                             | 1.5.6, PPZ of Category B ESA     | 139.235651 -20.824560                                   | 0.33                               |
| 591                                                                             | 1.5.6, PPZ of Category B ESA     | 139.236649 -20.824538                                   | 0.30                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.303241 -20.830146                                   | 0.15                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.303046 -20.829675                                   | 0.03                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.303622 -20.829650                                   | 0.28                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.303875 -20.830150                                   | 0.19                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.305478 -20.829743                                   | 0.43                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.305491 -20.830245                                   | 0.37                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.302802 -20.829882                                   | 0.33                               |
| 598                                                                             | 1.12.1, PPZ of Category B ESA    | 139.303802 -20.829899                                   | 0.30                               |

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|-----|-------------------------------|-----------------------|------|
| 598 | 1.12.1, PPZ of Category B ESA | 139.305681 -20.830032 | 0.65 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.343824 -20.829872 | 0.67 |
| 602 | 1.11.3, PPZ of Category B ESA | 139.341422 -20.832419 | 0.20 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.342287 -20.831833 | 0.48 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.343934 -20.830112 | 0.39 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.343355 -20.829984 | 0.36 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.342836 -20.831796 | 0.16 |
| 602 | 1.12.1, PPZ of Category B ESA | 139.342339 -20.831544 | 0.14 |
| 605 | 1.12.1, PPZ of Category B ESA | 139.366726 -20.810993 | 0.68 |
| 605 | 1.12.1, PPZ of Category B ESA | 139.364539 -20.811341 | 0.63 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.372881 -20.811608 | 0.75 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.371900 -20.811487 | 0.11 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.371184 -20.811719 | 0.11 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.371346 -20.812184 | 0.10 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.372110 -20.811920 | 0.07 |
| 606 | 1.12.1, PPZ of Category B ESA | 139.370506 -20.812276 | 0.71 |
| 611 | 1.12.1, PPZ of Category B ESA | 139.412543 -20.811779 | 0.62 |
| 611 | 1.12.1, PPZ of Category B ESA | 139.414668 -20.811146 | 0.66 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.422558 -20.809362 | 1.03 |
| 612 | 1.12.1, PPZ of Category B ESA | 139.421162 -20.808723 | 0.06 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.420436 -20.808926 | 0.08 |
| 612 | 1.12.1, PPZ of Category B ESA | 139.419368 -20.808744 | 0.61 |
| 612 | 1.12.1, PPZ of Category B ESA | 139.421283 -20.808488 | 0.13 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.420576 -20.809189 | 0.09 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.421648 -20.808451 | 0.07 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.421608 -20.808954 | 0.16 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.427555 -20.811209 | 0.29 |
| 612 | 1.11.3, PPZ of Category B ESA | 139.428086 -20.811396 | 0.09 |
| 612 | 1.11.3, PPZ of Category B ESA | 139.426474 -20.810874 | 0.41 |
| 612 | 1.11.2, PPZ of Category B ESA | 139.425420 -20.810583 | 0.28 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435764 -20.820046 | 0.66 |

|     |                               |                       |      |
|-----|-------------------------------|-----------------------|------|
| 614 | 1.11.2, PPZ of Category B ESA | 139.435439 -20.817769 | 0.61 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435260 -20.819540 | 0.24 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435820 -20.819520 | 0.16 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435064 -20.818471 | 0.10 |
| 614 | 1.11.2, PPZ of Category B ESA | 139.435631 -20.824037 | 0.31 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435140 -20.822609 | 0.17 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435632 -20.822702 | 0.07 |
| 614 | 1.11.2, PPZ of Category B ESA | 139.439965 -20.823713 | 0.00 |
| 614 | 1.12.1, PPZ of Category B ESA | 139.435680 -20.822086 | 0.61 |
| 614 | 1.11.2, PPZ of Category B ESA | 139.437632 -20.823704 | 1.40 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.449101 -20.825988 | 0.07 |
| 616 | 1.11.3, PPZ of Category B ESA | 139.443695 -20.825035 | 0.54 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.447590 -20.825727 | 0.74 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.444702 -20.825024 | 0.06 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.441496 -20.824350 | 0.02 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.442136 -20.824702 | 0.47 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.445466 -20.825088 | 0.18 |
| 616 | 1.11.3, PPZ of Category B ESA | 139.444366 -20.824764 | 0.30 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.444888 -20.824789 | 0.08 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.446503 -20.825403 | 0.16 |
| 616 | 1.11.2, PPZ of Category B ESA | 139.447079 -20.825058 | 0.02 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.454562 -20.825005 | 0.61 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.456390 -20.824619 | 0.15 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.455124 -20.825156 | 0.13 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.455094 -20.824658 | 0.13 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.456317 -20.825109 | 0.10 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.455838 -20.824856 | 0.06 |
| 617 | 1.11.2, PPZ of Category B ESA | 139.456883 -20.825131 | 0.67 |
| 618 | 1.11.2, PPZ of Category B ESA | 139.459615 -20.823375 | 0.72 |
| 618 | 1.11.2, PPZ of Category B ESA | 139.460290 -20.820086 | 0.52 |
| 618 | 1.11.2, PPZ of Category B ESA | 139.460308 -20.822716 | 0.31 |

|                   |                               |                       |      |
|-------------------|-------------------------------|-----------------------|------|
| 618               | 1.11.2, PPZ of Category B ESA | 139.460756 -20.820418 | 0.02 |
| 618               | 1.11.2, PPZ of Category B ESA | 139.460708 -20.819870 | 0.61 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.31626 -20.791896  | 0.22 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.27669 -20.806961  | 0.21 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.439322 -20.822177 | 0.04 |
| NA (access track) | 1.11.3, PPZ of Category B ESA | 139.444834 -20.824473 | 0.03 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.448577 -20.82489  | 0.13 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.141191 -20.76651  | 0.08 |
| NA (access track) | 1.5.7, PPZ of Category B ESA  | 138.931478 -20.708478 | 0.10 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.285293 -20.80166  | 0.81 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.14567 -20.767741  | 0.40 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.426715 -20.812845 | 0.05 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.429963 -20.816165 | 0.21 |
| NA (access track) | 1.5.7, PPZ of Category B ESA  | 138.887368 -20.624274 | 0.10 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.175615 -20.697866 | 0.09 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.325001 -20.794638 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category B ESA  | 139.323507 -20.795542 | 0.07 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.322156 -20.795564 | 0.06 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.278671 -20.805363 | 0.18 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.438632 -20.821014 | 0.14 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.440471 -20.822585 | 0.10 |
| NA (access track) | 1.11.3, PPZ of Category B ESA | 139.443167 -20.823584 | 0.15 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.444062 -20.823922 | 0.05 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.452555 -20.823964 | 0.70 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.427196 -20.813697 | 0.16 |
| NA (access track) | 1.11.3, PPZ of Category B ESA | 139.386395 -20.743696 | 0.05 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.413197 -20.812018 | 0.13 |
| NA (access track) | 1.12.1, PPZ of Category B ESA | 139.415026 -20.81166  | 0.22 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.422973 -20.809864 | 0.24 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.432062 -20.817494 | 0.09 |
| NA (access track) | 1.11.2, PPZ of Category B ESA | 139.436639 -20.818365 | 0.44 |

*Note: All Co-ordinates in Appendix A are in GDA 94 Datum.*

**Appendix A, Table 3: Coordinates and maximum total disturbance for disturbance to Category C ESAs authorised in Schedule D, Table 1- Authorised petroleum activity(ies) disturbance**

| Table 3: Impacts to Category C Environmentally Sensitive Areas |                                            |                                                         |                                    |
|----------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------|------------------------------------|
| KP                                                             | Regional ecosystem/ ESA Category           | Centre Point Coordinates of impact (Longitude/Latitude) | Maximum extent of disturbance (ha) |
| 465                                                            | 4.3.3, Category C ESA                      | 138.068468, -20.625601                                  | 0.10                               |
| 472                                                            | 4.3.3, Category C ESA                      | 138.136126 -20.635665                                   | 0.43                               |
| 486                                                            | 1.5.9, Category C ESA                      | 138.267007 -20.655350                                   | 0.61                               |
| 509                                                            | 4.3.3, Category C ESA                      | 138.492704 -20.680584                                   | 0.10                               |
| 513                                                            | 1.3.6, Category C ESA                      | 138.510054 -20.682852                                   | 5.22                               |
| 513                                                            | 1.3.6, Category C ESA                      | 138.520793 -20.684216                                   | 0.22                               |
| 513                                                            | 1.3.6, Category C ESA                      | 138.527889 -20.685176                                   | 1.76                               |
| 513                                                            | 1.3.6, Category C ESA                      | 138.534989 -20.686103                                   | 2.69                               |
| 579                                                            | 1.3.6, Category C ESA                      | 139.143505 -20.765440                                   | 0.69                               |
| 579                                                            | 1.3.6, Category C ESA                      | 139.145249 -20.766001                                   | 0.46                               |
| 579                                                            | 1.3.4, Category C ESA                      | 139.151279 -20.767961                                   | 1.73                               |
| 585                                                            | 1.3.6, Category C ESA                      | 139.191959 -20.799038                                   | 0.88                               |
| 586                                                            | 1.3.6, Category C ESA                      | 139.198144 -20.803947                                   | 0.39                               |
| 589                                                            | 1.3.6, Category C ESA                      | 139.217073 -20.818959                                   | 0.28                               |
| 589                                                            | 1.3.6, Category C ESA                      | 139.218894 -20.820399                                   | 0.20                               |
| 591                                                            | 1.3.6, Category C ESA                      | 139.231794 -20.824579                                   | 1.05                               |
| 591                                                            | 1.3.6, Category C ESA                      | 139.238370 -20.824529                                   | 0.51                               |
| 593                                                            | 1.3.6, Category C ESA                      | 139.257059 -20.823939                                   | 5.45                               |
| 598                                                            | 1.3.6, Category C ESA                      | 139.304465 -20.829924                                   | 0.12                               |
| 599                                                            | 1.3.6, Category C ESA                      | 139.314209 -20.831716                                   | 0.59                               |
| 602                                                            | 1.3.6, Category C ESA                      | 139.338680 -20.834303                                   | 0.05                               |
| 603                                                            | 1.3.6, Category C ESA                      | 139.350686 -20.824169                                   | 0.06                               |
| 609                                                            | 1.3.6, Category C ESA                      | 139.391069 -20.812514                                   | 0.15                               |
| 611                                                            | 1.3.6, Category C ESA                      | 139.411138 -20.811987                                   | 0.27                               |
| 618                                                            | 1.11.2, Category C ESA (essential habitat) | 139.463766 -20.795914                                   | 0.36                               |

|                   |                                            |                       |      |
|-------------------|--------------------------------------------|-----------------------|------|
| 618               | 1.12.1, Category C ESA (essential habitat) | 139.473025 -20.78863  | 0.18 |
| 618               | 1.12.1, Category C ESA (essential habitat) | 139.468909 -20.790983 | 3.98 |
| 618               | 1.12.1, Category C ESA (essential habitat) | 139.464487 -20.793905 | 0.17 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.866782 -20.524138 | 0.54 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.179321 -20.66729  | 0.55 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.327321 -20.639908 | 0.27 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.176402 -20.692525 | 0.66 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.074543 -20.613699 | 0.06 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.33845 -20.629131  | 0.07 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.335699 -20.631836 | 0.05 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.334285 -20.633174 | 0.14 |
| NA (access track) | 4.3.3, Category C ESA                      | 138.329349 -20.637849 | 0.13 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.51406 -20.679178  | 0.05 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.515135 -20.677309 | 0.20 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.52803 -20.583641  | 1.21 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.143674 -20.767209 | 0.08 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.407075 -20.752949 | 0.05 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.407193 -20.750508 | 0.07 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.886274 -20.622411 | 0.21 |
| NA (access track) | 1.3.6, Category C ESA                      | 138.860274 -20.52045  | 0.45 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.105097 -20.712581 | 0.37 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.102507 -20.710533 | 0.28 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.101324 -20.708161 | 0.19 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.09976 -20.705664  | 0.18 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.181324 -20.663407 | 0.38 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.179416 -20.671682 | 0.18 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.334828 -20.724405 | 0.07 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.335349 -20.724795 | 0.07 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.339302 -20.738366 | 0.08 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.337958 -20.766678 | 0.07 |
| NA (access track) | 1.3.6, Category C ESA                      | 139.336339 -20.772271 | 0.06 |

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|-------------------|-----------------------|-----------------------|------|
| NA (access track) | 1.3.6, Category C ESA | 139.334137 -20.779695 | 0.10 |
| NA (access track) | 1.3.6, Category C ESA | 139.332996 -20.782932 | 0.08 |
| NA (access track) | 1.3.6, Category C ESA | 139.322789 -20.795623 | 0.08 |
| NA (access track) | 1.3.6, Category C ESA | 139.319537 -20.794411 | 0.04 |
| NA (access track) | 1.3.6, Category C ESA | 139.303983 -20.793677 | 0.22 |
| NA (access track) | 1.3.6, Category C ESA | 139.361761 -20.805425 | 0.02 |
| NA (access track) | 1.3.6, Category C ESA | 139.361659 -20.808669 | 0.02 |
| NA (access track) | 1.3.6, Category C ESA | 139.410251 -20.813791 | 0.09 |
| NA (access track) | 1.3.6, Category C ESA | 139.438366 -20.820013 | 0.10 |
| NA (access track) | 1.3.6, Category C ESA | 139.43961 -20.822253  | 0.02 |
| NA (access track) | 1.3.6, Category C ESA | 139.386571 -20.744014 | 0.34 |
| NA (access track) | 1.3.6, Category C ESA | 139.385743 -20.741    | 0.17 |
| NA (access track) | 1.3.6, Category C ESA | 139.334333 -20.72271  | 0.44 |
| NA (access track) | 1.3.6, Category C ESA | 139.16844 -20.716241  | 0.44 |
| NA (access track) | 1.3.6, Category C ESA | 138.862432 -20.521674 | 0.08 |
| NA (access track) | 1.3.6, Category C ESA | 138.929337 -20.699661 | 1.28 |
| NA (access track) | 1.3.6, Category C ESA | 139.176062 -20.697051 | 0.12 |
| NA (access track) | 1.3.6, Category C ESA | 139.142123 -20.766773 | 0.12 |
| NA (access track) | 1.3.6, Category C ESA | 139.166894 -20.718582 | 0.10 |
| NA (access track) | 4.3.3, Category C ESA | 138.482553 -20.606971 | 0.20 |
| NA (access track) | 1.3.6, Category C ESA | 139.257717 -20.810625 | 0.02 |
| NA (access track) | 1.3.6, Category C ESA | 139.343085 -20.723522 | 1.54 |
| NA (access track) | 1.3.6, Category C ESA | 139.412394 -20.812382 | 0.06 |
| NA (access track) | 1.3.6, Category C ESA | 139.413042 -20.812126 | 0.01 |
| NA (access track) | 1.3.4, Category C ESA | 139.172697 -20.706329 | 0.23 |
| NA (access track) | 1.3.4, Category C ESA | 139.169173 -20.714141 | 0.18 |

*Note: All Co-ordinates in Appendix A are in GDA 94 Datum.*

**Appendix A, Table 4: Coordinates and maximum total disturbance for disturbance to primary protection zones of Category C ESAs authorised in Schedule D, Table 1-Authorised petroleum activity(ies) disturbance**

| Table 4: Primary Protection Zone of Category C Environmentally Sensitive Areas |                                  |                                                         |                                    |
|--------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------|------------------------------------|
| KP                                                                             | Regional ecosystem/ ESA Category | Centre Point Coordinates of impact (Longitude/latitude) | Maximum extent of disturbance (ha) |
| 465                                                                            | 4.4.1, PPZ of Category C ESA     | 138.070347 -20.625635                                   | 0.15                               |
| 465                                                                            | 4.4.1, PPZ of Category C ESA     | 138.070025 -20.626084                                   | 0.26                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.069853 -20.625554                                   | 0.12                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.069298 -20.625980                                   | 0.13                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.067674 -20.625235                                   | 0.39                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.067456 -20.625705                                   | 0.32                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.067335 -20.625439                                   | 0.62                               |
| 465                                                                            | 4.3.17, PPZ of Category C ESA    | 138.069194 -20.625708                                   | 0.36                               |
| 465                                                                            | 4.4.1, PPZ of Category C ESA     | 138.070165 -20.625856                                   | 0.27                               |
| 472                                                                            | 4.3.16, PPZ of Category C ESA    | 138.137428 -20.636273                                   | 0.45                               |
| 472                                                                            | 4.3.16, PPZ of Category C ESA    | 138.137755 -20.635848                                   | 0.38                               |
| 472                                                                            | 4.3.1, PPZ of Category C ESA     | 138.138469 -20.635980                                   | 0.01                               |
| 472                                                                            | 4.4.1, PPZ of Category C ESA     | 138.135145 -20.635138                                   | 0.28                               |
| 472                                                                            | 4.4.1, PPZ of Category C ESA     | 138.134789 -20.635558                                   | 0.20                               |
| 472                                                                            | 4.4.1, PPZ of Category C ESA     | 138.134486 -20.635253                                   | 0.61                               |
| 472                                                                            | 4.3.16, PPZ of Category C ESA    | 138.137598 -20.636063                                   | 0.53                               |
| 472                                                                            | 4.3.1, PPZ of Category C ESA     | 138.138558 -20.636314                                   | 0.09                               |
| 486                                                                            | 4.4.1, PPZ of Category C ESA     | 138.269074 -20.655542                                   | 0.70                               |
| 486                                                                            | 4.4.1, PPZ of Category C ESA     | 138.264977 -20.655202                                   | 0.67                               |
| 509                                                                            | 4.4.1, PPZ of Category C ESA     | 138.493633 -20.680959                                   | 0.31                               |
| 509                                                                            | 4.4.1, PPZ of Category C ESA     | 138.492015 -20.680244                                   | 0.31                               |
| 509                                                                            | 4.4.1, PPZ of Category C ESA     | 138.493743 -20.680472                                   | 0.29                               |
| 509                                                                            | 4.4.1, PPZ of Category C ESA     | 138.491862 -20.680725                                   | 0.26                               |
| 509                                                                            | 4.4.1, PPZ of Category C ESA     | 138.491554 -20.680428                                   | 0.62                               |
| 509                                                                            | 4.3.4, PPZ of Category C ESA     | 138.493874 -20.680739                                   | 0.63                               |
| 513                                                                            | 4.3.17, PPZ of Category C ESA    | 138.519618 -20.684114                                   | 0.59                               |

|     |                               |                       |      |
|-----|-------------------------------|-----------------------|------|
| 513 | 4.3.17, PPZ of Category C ESA | 138.521422 -20.684341 | 0.12 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.518042 -20.683816 | 0.07 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.500637 -20.681618 | 0.65 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.504004 -20.682177 | 0.02 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.508270 -20.682500 | 0.00 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.511470 -20.682937 | 0.05 |
| 513 | 4.3.4, PPZ of Category C ESA  | 138.522274 -20.684433 | 0.40 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.522621 -20.684362 | 0.01 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.524002 -20.684679 | 0.69 |
| 513 | 4.3.17, PPZ of Category C ESA | 138.533887 -20.686076 | 0.03 |
| 513 | 1.5.6, PPZ of Category C ESA  | 138.540234 -20.686788 | 0.60 |
| 579 | 1.5.6, PPZ of Category C ESA  | 139.154844 -20.769120 | 0.63 |
| 579 | 1.5.6, PPZ of Category C ESA  | 139.141522 -20.764795 | 0.59 |
| 579 | 1.5.6, PPZ of Category C ESA  | 139.146307 -20.766348 | 0.25 |
| 579 | 1.5.6, PPZ of Category C ESA  | 139.141570 -20.764622 | 0.19 |
| 579 | 1.5.6, PPZ of Category C ESA  | 139.141336 -20.764927 | 0.17 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.190498 -20.798214 | 0.31 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.193300 -20.800337 | 0.10 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.193644 -20.800139 | 0.10 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.190313 -20.797497 | 0.10 |
| 585 | 1.11.3, PPZ of Category C ESA | 139.189375 -20.797009 | 0.13 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.190208 -20.797668 | 0.55 |
| 585 | 1.5.6, PPZ of Category C ESA  | 139.193791 -20.800498 | 0.62 |
| 589 | 1.5.6, PPZ of Category C ESA  | 139.215337 -20.817586 | 0.09 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.219843 -20.821140 | 0.56 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.216087 -20.818170 | 0.52 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.218057 -20.819599 | 0.49 |
| 589 | 1.5.6, PPZ of Category C ESA  | 139.220339 -20.821637 | 0.05 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.217865 -20.819735 | 0.27 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.217988 -20.819215 | 0.26 |
| 589 | 1.11.2, PPZ of Category C ESA | 139.216717 -20.818343 | 0.07 |

|                   |                               |                       |      |
|-------------------|-------------------------------|-----------------------|------|
| 589               | 1.11.2, PPZ of Category C ESA | 139.216479 -20.818797 | 0.06 |
| 591               | 1.11.2, PPZ of Category C ESA | 139.230006 -20.824529 | 0.10 |
| 591               | 1.11.2, PPZ of Category C ESA | 139.228854 -20.824595 | 0.58 |
| 591               | 1.5.6, PPZ of Category C ESA  | 139.227946 -20.824486 | 0.00 |
| 591               | 1.5.6, PPZ of Category C ESA  | 139.237339 -20.824545 | 0.13 |
| 591               | 1.5.3, PPZ of Category C ESA  | 139.240200 -20.824483 | 0.65 |
| 593               | 1.11.2, PPZ of Category C ESA | 139.266757 -20.824397 | 0.63 |
| 593               | 1.5.3, PPZ of Category C ESA  | 139.247292 -20.824025 | 0.66 |
| 599               | 1.12.1, PPZ of Category C ESA | 139.316161 -20.832113 | 0.66 |
| 599               | 1.12.1, PPZ of Category C ESA | 139.312296 -20.831334 | 0.63 |
| 599               | 1.12.1, PPZ of Category C ESA | 139.317220 -20.832190 | 0.00 |
| 602               | 1.12.1, PPZ of Category C ESA | 139.339177 -20.833997 | 0.33 |
| 602               | 1.12.1, PPZ of Category C ESA | 139.338005 -20.835093 | 0.65 |
| 602               | 1.11.3, PPZ of Category C ESA | 139.340078 -20.833658 | 0.28 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.351364 -20.823375 | 0.62 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.349684 -20.825077 | 0.81 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.350541 -20.824676 | 0.16 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.350784 -20.823701 | 0.14 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.351150 -20.824060 | 0.13 |
| 603               | 1.12.1, PPZ of Category C ESA | 139.350228 -20.824285 | 0.12 |
| 608               | 1.11.3, PPZ of Category C ESA | 139.392276 -20.812529 | 0.60 |
| 608               | 1.11.3, PPZ of Category C ESA | 139.389863 -20.812493 | 0.60 |
| 608               | 1.11.3, PPZ of Category C ESA | 139.391380 -20.812055 | 0.18 |
| 611               | 1.12.1, PPZ of Category C ESA | 139.409786 -20.811480 | 0.66 |
| 614               | 1.11.2, PPZ of Category C ESA | 139.439853 -20.823866 | 0.06 |
| 614               | 1.11.2, PPZ of Category C ESA | 139.440194 -20.823908 | 0.14 |
| 621               | 1.12.1, PPZ of Category C ESA | 139.473937 -20.788567 | 0.57 |
| 621               | 1.11.2, PPZ of Category C ESA | 139.463293 -20.798805 | 0.15 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 138.858179 -20.518472 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.305998 -20.79386  | 0.21 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.336639 -20.771115 | 0.20 |

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|-------------------|-------------------------------|-----------------------|------|
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.337574 -20.767843 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.339307 -20.737106 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.336061 -20.726133 | 0.13 |
| NA (access track) | 1.11.2, PPZ of Category C ESA | 139.437934 -20.819392 | 0.07 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.407191 -20.749291 | 0.21 |
| NA (access track) | 1.5.7, PPZ of Category C ESA  | 138.868775 -20.52664  | 0.22 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.075616 -20.614347 | 0.20 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.258747 -20.81031  | 0.20 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.40702 -20.754095  | 0.20 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.407134 -20.751761 | 0.21 |
| NA (access track) | 1.5.7, PPZ of Category C ESA  | 138.885306 -20.620775 | 0.20 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.179215 -20.673543 | 0.18 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.338286 -20.765505 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.339535 -20.739606 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.332442 -20.784094 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.334408 -20.778331 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.335877 -20.773375 | 0.20 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.33358 -20.781374  | 0.29 |
| NA (access track) | 1.11.2, PPZ of Category C ESA | 139.320838 -20.794944 | 0.25 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.319136 -20.794093 | 0.07 |
| NA (access track) | 1.5.6, PPZ of Category C ESA  | 139.301977 -20.793613 | 0.20 |
| NA (access track) | 1.11.3, PPZ of Category C ESA | 139.387109 -20.74658  | 0.20 |
| NA (access track) | 1.5.4, PPZ of Category C ESA  | 139.256761 -20.811101 | 0.20 |
| NA (access track) | 1.12.1, PPZ of Category C ESA | 139.409009 -20.814381 | 0.21 |
| NA (access track) | 1.12.1, PPZ of Category C ESA | 139.411449 -20.813163 | 0.21 |
| NA (access track) | 4.4.1, PPZ of Category C ESA  | 138.926241 -20.693646 | 0.20 |
| NA (access track) | 4.4.1, PPZ of Category C ESA  | 138.688088 -20.659458 | 0.20 |
| NA (access track) | 4.4.1, PPZ of Category C ESA  | 138.689153 -20.647004 | 0.21 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.513238 -20.679854 | 0.29 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.514656 -20.678413 | 0.07 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.515853 -20.675638 | 0.20 |

|                   |                               |                       |      |
|-------------------|-------------------------------|-----------------------|------|
| NA (access track) | 4.3.4, PPZ of Category C ESA  | 138.542739 -20.573966 | 0.20 |
| NA (access track) | 4.3.4, PPZ of Category C ESA  | 138.53359 -20.579984  | 0.20 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.522459 -20.587305 | 0.20 |
| NA (access track) | 4.3.17, PPZ of Category C ESA | 138.484439 -20.606562 | 0.21 |
| NA (access track) | 4.3.16, PPZ of Category C ESA | 138.337929 -20.629716 | 0.10 |
| NA (access track) | 4.3.16, PPZ of Category C ESA | 138.335142 -20.632362 | 0.11 |
| NA (access track) | 4.3.1, PPZ of Category C ESA  | 138.328542 -20.638611 | 0.11 |
| NA (access track) | 4.3.1, PPZ of Category C ESA  | 138.330065 -20.637172 | 0.08 |
| NA (access track) | 4.3.16, PPZ of Category C ESA | 138.330747 -20.636523 | 0.12 |

*Note: All Co-ordinates in Appendix A are in GDA 94 Datum.*

## Appendix B – Coordinates and areas for authorised disturbance as specified in Schedule D, Table 2.

**Appendix B, Table 1: Coordinates for location and maximum total disturbance for right of way authorised in Schedule D, Table 2-  
Significant residual impacts to prescribed environmental matters.**

| Appendix B, Table 1 - |               |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                                                                                        |                                                                                            |                                                      |
|-----------------------|---------------|--------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse   | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse                                                                             | Bounding Coordinates for area of SRI (latitude/longitude)                                  | Maximum extent of impact (ha) for regional ecosystem |
| 46<br>5               | Redbank Creek | 3-4          | 0.66                                | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.067647 -20.625622, 138.067901 -20.625385, 138.068374 -20.625454, 138.068234 -20.625707 | 0.16228                                              |
|                       |               |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.069926 -20.625680, 138.069625 -20.625910, 138.068530 -20.625751, 138.068714 -20.625503 | 0.35614                                              |
|                       |               |              |                                     | 4.3.3 <i>Eucalyptus coolabah</i> , <i>E. camaldulensis</i> +/- <i>Lysiphyllum gilvum</i> open woodland on drainage lines                   | 138.068530 -20.625751, 138.068234 -20.625707, 138.068374 -20.625454, 138.068714 -20.625503 | 0.10257                                              |
|                       |               |              |                                     | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.069625 -20.625910, 138.069926 -20.625680, 138.070044 -20.625697, 138.069729 -20.625925 | 0.04183                                              |
| 47<br>2               | Mingera Creek | 5+           | 0.78                                | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.138844 -20.636537, 138.138957 -20.636286, 138.139926 -20.636547, 138.139802 -20.636795 | 0.31342                                              |
|                       |               |              |                                     | 4.3.1 <i>Eucalyptus camaldulensis</i> +/- <i>Melaleuca</i> spp. woodland on drainage lines                                                 | 138.138957 -20.636286, 138.138844 -20.636537, 138.138394 -20.636416, 138.138442 -20.636147 | 0.15679                                              |
|                       |               |              |                                     | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.138442 -20.636147, 138.138394 -20.636416, 138.137370 -20.636140, 138.137574 -20.635913 | 0.30786                                              |

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| Appendix B, Table 1 - |                 |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                                                                                        |                                                                                            |                                                      |
|-----------------------|-----------------|--------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse     | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse                                                                             | Bounding Coordinates for area of SRI (latitude/longitude)                                  | Maximum extent of impact (ha) for regional ecosystem |
| 505                   | Unnamed         | 1-2          | 0.19                                | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.454718 -20.674591, 138.454105 -20.674507, 138.454091 -20.674231, 138.454669 -20.674310 | 0.18733                                              |
| 509                   | Polygonum Creek | 5+           | 0.76                                | 4.3.4 <i>Eucalyptus coolabah</i> open woodland on drainage lines and/or plains                                                             | 138.492803 -20.680735, 138.492951 -20.680481, 138.494199 -20.680644, 138.493918 -20.680881 | 0.37133                                              |
|                       |                 |              |                                     | 4.3.3 <i>Eucalyptus coolabah</i> , <i>E. camaldulensis</i> +/- <i>Lysiphyllum givum</i> open woodland on drainage lines                    | 138.492951 -20.680481, 138.492803 -20.680735, 138.492473 -20.680692, 138.492603 -20.680436 | 0.10444                                              |
|                       |                 |              |                                     | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.492473 -20.680692, 138.491585 -20.680576, 138.491699 -20.680318, 138.492603 -20.680436 | 0.28128                                              |
| 531                   | One Mile Creek  | 1-2          | 0.25                                | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.700413 -20.694239, 138.701208 -20.694356, 138.701021 -20.694603, 138.700226 -20.694485 | 0.25142                                              |
| 537                   | Lily Hole Creek | 3-4          | 0.62                                | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.754171 -20.691889, 138.754247 -20.691595, 138.754724 -20.691495, 138.754664 -20.691785 | 0.15503                                              |
|                       |                 |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.755542 -20.6916, 138.755669 -20.691296, 138.756214 -20.691191, 138.756058 -20.691496   | 0.17189                                              |
|                       |                 |              |                                     | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.755542 -20.691600, 138.754664 -20.691785, 138.754724 -20.691495, 138.755669 -20.691296 | 0.29185                                              |

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| Appendix B, Table 1 - |                 |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                                                   |                                                                                            |                                                      |
|-----------------------|-----------------|--------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse     | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse                                        | Bounding Coordinates for area of SRI (latitude/longitude)                                  | Maximum extent of impact (ha) for regional ecosystem |
| 544                   | Templeton River | 5+           | 1.97                                | 4.3.1 Eucalyptus camaldulensis +/- Melaleuca spp. woodland on drainage lines                          | 138.822330 -20.719393, 138.822054 -20.719580, 138.820871 -20.719128, 138.820958 -20.718868 | 0.42683                                              |
|                       |                 |              |                                     | 4.3.10 Corymbia terminalis +/- Lysiphyllum gilvum and Acacia victoriae low open woodland on alluvium  | 138.820958 -20.718868, 138.820871 -20.719128, 138.820109 -20.718836, 138.820279 -20.718609 | 0.24682                                              |
|                       |                 |              |                                     | 4.3.10 Corymbia terminalis +/- Lysiphyllum gilvum and Acacia victoriae low open woodland on alluvium  | 138.817737 -20.717637, 138.817522 -20.717847, 138.816748 -20.717551, 138.816926 -20.717327 | 0.26374                                              |
|                       |                 |              |                                     | 4.3.17 Astrebla pectinata +/- Astrebla spp. +/- Aristida latifolia grassland on alluvium              | 138.822054 -20.719580, 138.822330 -20.719393, 138.822888 -20.719609, 138.822573 -20.719778 | 0.16095                                              |
|                       |                 |              |                                     | 4.3.1 Eucalyptus camaldulensis +/- Melaleuca spp. woodland on drainage lines                          | 138.820279 -20.718609, 138.820109 -20.718836, 138.817522 -20.717847, 138.817737 -20.717637 | 0.86854                                              |
| 586                   | Unnamed         | 3-4          | 0.67                                | 1.5.6 Atalaya hemiglauc, Ventilago viminalis, Grevillea striata low open woodland on red earth plains | 139.196950 -20.802824, 139.196863 -20.803109, 139.196410 -20.802750, 139.196534 -20.802495 | 0.17990                                              |
|                       |                 |              |                                     | 1.3.6 Corymbia aparrerinja, Corymbia terminalis open woodland on sandy levees                         | 139.197625 -20.803714, 139.197710 -20.803427, 139.198212 -20.803826, 139.197984 -20.803998 | 0.17754                                              |
|                       |                 |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south)                                | 139.196863 -20.803109, 139.196950 -20.802824, 139.197625 -20.803714, 139.197710 -20.803427 | 0.31114                                              |
| 591                   | Yaringa Creek   | 5+           | 1.11                                | 1.3.6 Corymbia aparrerinja, Corymbia terminalis open woodland on sandy levees                         | 139.233425 -20.824701, 139.232359 -20.824707, 139.232494 -20.824435, 139.233542 -20.824429 | 0.32871                                              |

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| Appendix B, Table 1 - |               |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                                                   |                                                                                                                                          |                                                      |
|-----------------------|---------------|--------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse   | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse                                        | Bounding Coordinates for area of SRI (latitude/longitude)                                                                                | Maximum extent of impact (ha) for regional ecosystem |
|                       |               |              |                                     | 1.5.6 Atalaya hemiglauc, Ventilago viminalis, Grevillea striata low open woodland on red earth plains | 139.235069 -20.824691, 139.235168 -20.824420, 139.236021 -20.824414, 139.235935 -20.824686                                               | 0.26720                                              |
|                       |               |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south)                                | 139.235069 -20.824691, 139.233425 -20.824701, 139.233542 -20.824429, 139.235168 -20.824420                                               | 0.51171                                              |
| 598                   | Unnamed       | 3-4          | 0.48                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites                                           | 139.303215 -20.829755, 139.303254 -20.829791, 139.303102 -20.829752                                                                      | 0.00239                                              |
|                       |               |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south)                                | 139.304609 -20.829788, 139.304684 -20.830061, 139.304279 -20.830051, 139.304272 -20.829780                                               | 0.11542                                              |
|                       |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites                                           | 139.304272 -20.829780, 139.304279 -20.830051, 139.303861 -20.830041, 139.303824 -20.829907, 139.303254 -20.829791, 139.303215 -20.829755 | 0.20126                                              |
|                       |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites                                           | 139.304684 -20.830061, 139.304609 -20.829788, 139.305134 -20.829800, 139.305200 -20.830073                                               | 0.16216                                              |
| 602.5                 | Yaringa Creek | 5+           | 0.98                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites                                           | 139.342949 -20.831400, 139.342779 -20.831738, 139.342085 -20.832114, 139.341723 -20.831994, 139.342557 -20.831554, 139.342671 -20.831319 | 0.37968                                              |
|                       |               |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south)                                | 139.343301 -20.830672, 139.342949 -20.831400, 139.342671 -20.831319, 139.343015 -20.830609                                               | 0.26092                                              |
|                       |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites                                           | 139.343411 -20.830444, 139.343301 -20.830672, 139.343015 -20.830609, 139.343172 -20.830288, 139.343643 -20.829841, 139.344000 -20.829888 | 0.33852                                              |

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| Appendix B, Table 1 - |                 |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                           |                                                                                                                                                               |                                                      |
|-----------------------|-----------------|--------------|-------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse     | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse                | Bounding Coordinates for area of SRI (latitude/longitude)                                                                                                     | Maximum extent of impact (ha) for regional ecosystem |
| 603.5                 | Unnamed         | 3-4          | 0.49                                | 1.3.6 Corymbia aparrerinja, Corymbia terminalis open woodland on sandy levees | 139.350850 -20.824199, 139.350706 -20.824345, 139.350526 -20.824129, 139.350657 -20.823996                                                                    | 0.06357                                              |
|                       |                 |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites                   | 139.350850 -20.824199, 139.350657 -20.823996, 139.350962 -20.823686, 139.351160 -20.823884                                                                    | 0.13827                                              |
|                       |                 |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites                   | 139.350706 -20.824345, 139.350417 -20.824638, 139.350090 -20.824845, 139.349477 -20.825085, 139.350526 -20.824129                                             | 0.28642                                              |
| 607                   | Templeton River | 1-2          | 0.67                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics            | 139.376524 -20.811105, 139.376731 -20.811035, 139.378073 -20.811405, 139.378553 -20.811834                                                                    | 0.40967                                              |
|                       |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics            | 139.381003 -20.81363, 139.381289 -20.813567, 139.381223 -20.813386, 139.381899 -20.813177, 139.381904 -20.813291, 139.38212 -20.813394, 139.381144 -20.813687 | 0.25784                                              |
| 608.7                 | Templeton River | 1-2          | 0.24                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics            | 139.391317 -20.812651, 139.391270 -20.812379, 139.391514 -20.812383, 139.391539 -20.812654, 139.391539 -20.812654                                             | 0.07294                                              |
|                       |                 |              |                                     | 1.3.6 Corymbia aparrerinja, Corymbia terminalis open woodland on sandy levees | 139.391270 -20.812379, 139.391317 -20.812651, 139.390813 -20.812643, 139.390844 -20.812372                                                                    | 0.15149                                              |
|                       |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics            | 139.390817 -20.812579, 139.390702 -20.812370, 139.390844 -20.812372                                                                                           | 0.01698                                              |
|                       |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics            | 139.390813 -20.812613, 139.390813 -20.812643, 139.390803 -20.812643, 139.390803 -20.812643                                                                    | 0.00018                                              |

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| Appendix B, Table 1 - |             |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                    |                                                                                                                                          |                                                      |
|-----------------------|-------------|--------------|-------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse         | Bounding Coordinates for area of SRI (latitude/longitude)                                                                                | Maximum extent of impact (ha) for regional ecosystem |
| 609.9                 | Mica Creek  | 1-2          | 0.28                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.401628 -20.812161, 139.401446 -20.812398, 139.402171 -20.812547, 139.402261 -20.812488, 139.402542 -20.812444, 139.402659 -20.812368 | 0.28442                                              |
| 610.5                 | Mica Creek  | 1-2          | 0.23                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics     | 139.406645 -20.811909, 139.407359 -20.811654, 139.407521 -20.811886, 139.406886 -20.812113                                               | 0.22531                                              |
| 612.1                 | Mica Creek  | 3-4          | 0.39                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites            | 139.420276 -20.808786, 139.420331 -20.809062, 139.420320 -20.809062, 139.420225 -20.808782                                               | 0.01052                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.421145 -20.808915, 139.421123 -20.808890, 139.421401 -20.808591, 139.421447 -20.808583, 139.421587 -20.808833                        | 0.08322                                              |
|                       |             |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites            | 139.421123 -20.808890, 139.421002 -20.808665, 139.421401 -20.808591                                                                      | 0.06389                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.420676 -20.809001, 139.420331 -20.809062, 139.420276 -20.808786, 139.420413 -20.808773                                               | 0.07658                                              |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.421123 -20.808890, 139.421145 -20.808915, 139.420676 -20.809001, 139.420413 -20.808773, 139.421002 -20.808665                        | 0.16028                                              |
| 614.2                 | Mica Creek  | 3-4          | 0.45                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.435560 -20.818723, 139.435278 -20.818659, 139.435317 -20.818227, 139.435599 -20.818366                                               | 0.12941                                              |
|                       |             |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites            | 139.435541 -20.819167, 139.435755 -20.819654, 139.435411 -20.819582, 139.435229 -20.819108                                               | 0.17402                                              |

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| Appendix B, Table 1 - |             |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                    |                                                                                                                                                                 |                                                      |
|-----------------------|-------------|--------------|-------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse         | Bounding Coordinates for area of SRI (latitude/longitude)                                                                                                       | Maximum extent of impact (ha) for regional ecosystem |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.435560 -20.818723, 139.435541 -20.819167, 139.435229 -20.819108, 139.435278 -20.818659                                                                      | 0.14726                                              |
| 614.5                 | Mica Creek  | 3-4          | 0.87                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.435418 -20.823635, 139.435718 -20.823630, 139.435734 -20.823679, 139.436380 -20.823797, 139.437224 -20.823614, 139.436482 -20.824057, 139.435550 -20.823914 | 0.50535                                              |
|                       |             |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites            | 139.435547 -20.822981, 139.435259 -20.822935, 139.435313 -20.822510, 139.435602 -20.822568                                                                      | 0.14218                                              |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.435547 -20.822981, 139.435548 -20.823113, 139.435718 -20.823630, 139.435418 -20.823635, 139.435262 -20.823158, 139.435259 -20.822935                        | 0.22745                                              |
| 615.8                 | Mica Creek  | 1-2          | 0.42                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.446412 -20.825239, 139.446724 -20.825104, 139.446412 -20.825239                                                                                             | 0.01732                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.445497 -20.824945, 139.445871 -20.824954, 139.44565 -20.82522, 139.445277 -20.82521                                                                         | 0.11698                                              |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.445871 -20.824954, 139.446837 -20.824979, 139.446724 -20.825104, 139.446412 -20.825239, 139.44565 -20.82522                                                 | 0.28155                                              |
| 616.9                 | Mica Creek  | 1-2          | 0.28                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.455192 -20.824752, 139.455261 -20.825021, 139.455595 -20.825013, 139.45547 -20.824745                                                                       | 0.06054                                              |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.455832 -20.825006, 139.455595 -20.825013, 139.455470 -20.824745, 139.455692 -20.824739                                                                      | 0.06875                                              |

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| Appendix B, Table 1 - |             |              |                                     | Right of Way (Authorised under Schedule D, Table 2)                    |                                                                                                                                      |                                                      |
|-----------------------|-------------|--------------|-------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                    | Watercourse | Stream Order | Total maximum extent of impact (ha) | Regional ecosystems within a defined distance of a watercourse         | Bounding Coordinates for area of SRI (latitude/longitude)                                                                            | Maximum extent of impact (ha) for regional ecosystem |
| 617.8                 | Mica Creek  | 3-4          | 0.98                                | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.455943 -20.825004, 139.455832 -20.825006, 139.455692 -20.824739, 139.455930 -20.824733                                           | 0.05875                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.45593 -20.824733, 139.455943 -20.825004, 139.456266 -20.824995, 139.455976 -20.824732                                            | 0.09629                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.459802 -20.822472, 139.460095 -20.822376, 139.46008 -20.82263, 139.45993 -20.82274, 139.459783 -20.822784                        | 0.09886                                              |
|                       |             |              |                                     | 1.11.2 Eucalyptus leucophloia low open woodland                        | 139.459918 -20.820713, 139.460468 -20.82033, 139.460539 -20.820105, 139.460862 -20.820005, 139.46071 -20.820491, 139.460561 -20.8206 | 0.26610                                              |
|                       |             |              |                                     | 1.3.7 Eucalyptus camaldulensis woodland on channels and levees (south) | 139.460095 -20.822376, 139.459801 -20.822473, 139.459918 -20.820713, 139.460561 -20.820600, 139.460182 -20.820854                    | 0.61507                                              |
|                       |             |              |                                     |                                                                        |                                                                                                                                      |                                                      |

Note: All Co-ordinates in Appendix B are in GDA 94 Datum.

**Appendix B, Table 2: Coordinates for location and maximum total disturbance for temporary work spaces authorised in Schedule D,  
Table 2- Significant residual impacts to prescribed environmental matters.**

| Appendix B, Table 2 – Temporary Workspaces (Authorised under Schedule D, Table 2) |               |              |                                     |                                                                                                                                            |                                                                                         |                                                      |
|-----------------------------------------------------------------------------------|---------------|--------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse   | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse                                                                              | Bounding coordinates for area of SRI (latitude/longitude)                               | Maximum extent of impact (ha) for regional ecosystem |
| 46<br>5                                                                           | Redbank Creek | 3-4          | 0.54                                | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.068187 -20.625700,138.067943 -20.625893,138.067429 -20.625818,138.067647 -20.625622 | 0.1396                                               |
|                                                                                   |               |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.068324 -20.625446,138.067901 -20.625385,138.068046 -20.625178,138.068529 -20.625248 | 0.1199                                               |
|                                                                                   |               |              |                                     | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.069456 -20.626114,138.069625 -20.625910,138.069729 -20.625925,138.069466 -20.626115 | 0.0149                                               |
|                                                                                   |               |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.069625 -20.625910,138.069456 -20.626114,138.068938 -20.626038,138.069186 -20.625846 | 0.1262                                               |
|                                                                                   |               |              |                                     | 4.4.1 <i>Astrebla pectinata</i> +/- <i>Aristida latifolia</i> +/- <i>Eulalia aurea</i> grassland on Tertiary sediments overlying limestone | 138.069926 -20.625680,138.070193 -20.625490,138.070307 -20.625507,138.070044 -20.625697 | 0.0264                                               |
|                                                                                   |               |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                              | 138.070193 -20.625490,138.069926 -20.625680,138.069499 -20.625618,138.069760 -20.625427 | 0.1173                                               |
| 47<br>2                                                                           | Mingera Creek | 5+           | 0.96                                | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.138337 -20.636400,138.138164 -20.636588,138.137250 -20.636342,138.137370 -20.636140 | 0.2559                                               |
|                                                                                   |               |              |                                     | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.139692 -20.637000,138.138786 -20.636756,138.138936 -20.636562,138.139802 -20.636795 | 0.2403                                               |
|                                                                                   |               |              |                                     | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium                               | 138.139926 -20.636547,138.139053 -20.636312,138.139130 -20.636098,138.139994 -20.636331 | 0.2357                                               |

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| Appendix B, Table 2 – Temporary Workspaces (Authorised under Schedule D, Table 2) |                 |              |                                     |                                                                                                                       |                                                                                                               |                                                      |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse     | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse                                                         | Bounding coordinates for area of SRI (latitude/longitude)                                                     | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |                 |              |                                     | 4.3.1 Eucalyptus camaldulensis +/- Melaleuca spp. woodland on drainage lines                                          | 138.138447 -20.636119,138.138453 -20.635915,138.138502 -20.635928                                             | 0.0054                                               |
|                                                                                   |                 |              |                                     | 4.3.16 Astrebla elymoides +/- A. squarrosa +/- Aristida latifolia grassland on alluvium                               | 138.138453 -20.635915,138.138447 -20.636119,138.138439 -20.636146,138.137574 -20.635913,138.137656 -20.635701 | 0.2244                                               |
| 509                                                                               | Polygonum Creek | 5+           | 0.96                                | 4.3.4 Eucalyptus coolabah open woodland on drainage lines and/or plains                                               | 138.494199 -20.680644,138.494199 -20.680644,138.493133 -20.680505,138.493270 -20.680295,138.494316 -20.680432 | 0.2867                                               |
|                                                                                   |                 |              |                                     | 4.3.4 Eucalyptus coolabah open woodland on drainage lines and/or plains                                               | 138.493877 -20.681106,138.493018 -20.680991,138.493066 -20.680770,138.493918 -20.680881,138.493918 -20.680881 | 0.2259                                               |
|                                                                                   |                 |              |                                     | 4.4.1 Astrebla pectinata +/- Aristida latifolia +/- Eulalia aurea grassland on Tertiary sediments overlying limestone | 138.492641 -20.680213,138.492552 -20.680429,138.491699 -20.680318,138.491752 -20.680097                       | 0.2281                                               |
|                                                                                   |                 |              |                                     | 4.4.1 Astrebla pectinata +/- Aristida latifolia +/- Eulalia aurea grassland on Tertiary sediments overlying limestone | 138.492426 -20.680686,138.492301 -20.680898,138.491470 -20.680789,138.491585 -20.680576                       | 0.2200                                               |
| 537                                                                               | Lily Hole Creek | 3-4          | 0.44                                | 4.3.17 Astrebla pectinata +/- Astrebla spp. +/- Aristida latifolia grassland on alluvium                              | 138.754171 -20.691889, 138.754603 -20.691798, 138.754568 -20.692037, 138.754223 -20.692109                    | 0.1036                                               |
|                                                                                   |                 |              |                                     | 4.3.17 Astrebla pectinata +/- Astrebla spp. +/- Aristida latifolia grassland on alluvium                              | 138.755643 -20.691572, 138.75606 -20.691491, 138.755592 -20.691821, 138.755593 -20.691696                     | 0.1129                                               |
|                                                                                   |                 |              |                                     | 4.3.17 Astrebla pectinata +/- Astrebla spp. +/- Aristida latifolia grassland on alluvium                              | 138.755726 -20.691284, 138.756064 -20.690981, 138.756117 -20.691201, 138.755726 -20.691284                    | 0.0830                                               |

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|-----------------------------------------------------------------------------------|-----------------|--------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse     | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse                                                             | Bounding coordinates for area of SRI (latitude/longitude)                                                         | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |                 |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium             | 138.754371 -20.691338, 138.754805 -20.691246, 138.754759 -20.691324, 138.754724 -20.691495, 138.754247 -20.691595 | 0.1184                                               |
|                                                                                   |                 |              |                                     | 4.3.16 <i>Astrebla elymoides</i> +/- <i>A. squarrosa</i> +/- <i>Aristida latifolia</i> grassland on alluvium              | 138.754805 -20.691246, 138.754894 -20.691228, 138.754768 -20.691486, 138.754724 -20.691495, 138.754759 -20.691324 | 0.0208                                               |
| 544                                                                               | Templeton River | 5+           | 1.03                                | 4.3.10 <i>Corymbia terminalis</i> +/- <i>Lysiphyllum gilvum</i> and <i>Acacia victoriae</i> low open woodland on alluvium | 138.816600 -20.717738, 138.816748 -20.717551, 138.817476 -20.717830, 138.817347 -20.718024                        | 0.2061                                               |
|                                                                                   |                 |              |                                     | 4.3.10 <i>Corymbia terminalis</i> +/- <i>Lysiphyllum gilvum</i> and <i>Acacia victoriae</i> low open woodland on alluvium | 138.816926 -20.717327, 138.817089 -20.717145, 138.817896 -20.717454, 138.817685 -20.717617                        | 0.2219                                               |
|                                                                                   |                 |              |                                     | 4.3.1 <i>Eucalyptus camaldulensis</i> +/- <i>Melaleuca</i> spp. woodland on drainage lines                                | 138.820109 -20.718836, 138.819986 -20.718938, 138.820060 -20.718817                                               | 0.0044                                               |
|                                                                                   |                 |              |                                     | 4.3.1 <i>Eucalyptus camaldulensis</i> +/- <i>Melaleuca</i> spp. woodland on drainage lines                                | 138.820422 -20.718420, 138.820279 -20.718609, 138.820203 -20.718580, 138.820366 -20.718398                        | 0.0199                                               |
|                                                                                   |                 |              |                                     | 4.3.10 <i>Corymbia terminalis</i> +/- <i>Lysiphyllum gilvum</i> and <i>Acacia victoriae</i> low open woodland on alluvium | 138.820279 -20.718609, 138.820422 -20.718420, 138.821011 -20.718645, 138.820926 -20.718856                        | 0.1736                                               |
|                                                                                   |                 |              |                                     | 4.3.10 <i>Corymbia terminalis</i> +/- <i>Lysiphyllum gilvum</i> and <i>Acacia victoriae</i> low open woodland on alluvium | 138.819986 -20.718938, 138.820109 -20.718836, 138.820806 -20.719103, 138.820698 -20.719305, 138.819940 -20.719015 | 0.2070                                               |
|                                                                                   |                 |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium             | 138.822573 -20.719778, 138.822462 -20.719979, 138.822064 -20.719827, 138.822263 -20.719660                        | 0.0995                                               |

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|-----------------------------------------------------------------------------------|---------------|--------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse   | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse                                                                 | Bounding coordinates for area of SRI (latitude/longitude)                                                                                                 | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |               |              |                                     | 4.3.17 <i>Astrebla pectinata</i> +/- <i>Astrebla</i> spp. +/- <i>Aristida latifolia</i> grassland on alluvium                 | 138.823491 -20.719593,138.822894 -20.719609,138.822576 -20.719487,138.823152 -20.719464                                                                   | 0.0953                                               |
| 586                                                                               | Unnamed       | 3-4          | 0.12                                | 1.5.6 <i>Atalaya hemiglauc</i> a, <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains | 139.196666 -20.803349,139.196666 -20.803350,139.196537 -20.803247,139.196672 -20.803076,139.196379 -20.802844,139.196410 -20.802750,139.196764 -20.803031 | 0.0788                                               |
|                                                                                   |               |              |                                     | 1.5.6 <i>Atalaya hemiglauc</i> a, <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains | 139.196867 -20.802759,139.196534 -20.802495,139.196592 -20.802422,139.196920 -20.802682                                                                   | 0.0453                                               |
| 591                                                                               | Yaringa Creek | 5+           | 0.42                                | 1.5.6 <i>Atalaya hemiglauc</i> a, <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains | 139.235075 -20.825005,139.235121 -20.824691,139.235769 -20.824687,139.235771 -20.825001                                                                   | 0.2434                                               |
|                                                                                   |               |              |                                     | 1.5.6 <i>Atalaya hemiglauc</i> a, <i>Ventilago viminalis</i> , <i>Grevillea striata</i> low open woodland on red earth plains | 139.235768 -20.824416,139.235216 -20.824419,139.235317 -20.824105,139.235766 -20.824102                                                                   | 0.1810                                               |
| 598                                                                               | Unnamed       | 3-4          | 0.65                                | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites                                                            | 139.303215 -20.829755,139.303019 -20.829524,139.304101 -20.829550,139.304224 -20.829779                                                                   | 0.2809                                               |
|                                                                                   |               |              |                                     | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites                                                            | 139.303019 -20.829524,139.303215 -20.829755,139.302968 -20.829718,139.302973 -20.829523                                                                   | 0.0272                                               |
|                                                                                   |               |              |                                     | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites                                                            | 139.304230 -20.830050,139.304238 -20.830276,139.303932 -20.830269,139.303861 -20.830041                                                                   | 0.0869                                               |
|                                                                                   |               |              |                                     | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites                                                            | 139.305506 -20.830348,139.304794 -20.830289,139.304762 -20.830067,139.305200 -20.830074                                                                   | 0.1389                                               |

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|-----------------------------------------------------------------------------------|---------------|--------------|-------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse   | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse | Bounding coordinates for area of SRI (latitude/longitude)                                                                           | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.305134 -20.829800,139.304703 -20.829790,139.304613 -20.829562,139.305044 -20.829572                                             | 0.1126                                               |
| 602.5                                                                             | Yaringa Creek | 5+           | 0.81                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.342967 -20.831908,139.342727 -20.832034,139.342471 -20.831910,139.342780 -20.831747,139.342905 -20.831490,139.343102 -20.831628 | 0.1635                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.342164 -20.831762,139.342031 -20.831643,139.342399 -20.831335,139.342634 -20.831396                                             | 0.1382                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.344240 -20.829981,139.343612 -20.830575,139.343574 -20.830652,139.343320 -20.830631,139.343411 -20.830444,139.344000 -20.829888 | 0.2659                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.343643 -20.829841,139.343035 -20.830567,139.342826 -20.830454,139.343331 -20.829815                                             | 0.2408                                               |
| 603.5                                                                             | Unnamed       | 3-4          | 0.43                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.351345 -20.824029,139.351066 -20.824311,139.350882 -20.824166,139.351160 -20.823884                                             | 0.1068                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.350962 -20.823686,139.350689 -20.823963,139.350525 -20.823798,139.350798 -20.823521                                             | 0.1065                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.350592 -20.824792,139.350417 -20.824638,139.350673 -20.824378,139.350819 -20.824562                                             | 0.0928                                               |
|                                                                                   |               |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.350493 -20.824162,139.350058 -20.824602,139.350066 -20.824262,139.350266 -20.824060                                             | 0.1214                                               |

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|-----------------------------------------------------------------------------------|-----------------|--------------|-------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse     | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse      | Bounding coordinates for area of SRI (latitude/longitude)                                                        | Maximum extent of impact (ha) for regional ecosystem |
| 607.8                                                                             | Templeton River | 1-2          | 0.20                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.381714 -20.812996, 139.381896 -20.81294, 139.381899 -20.813177, 139.381703 -20.813237                        | 0.0530                                               |
|                                                                                   |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.381207 -20.813153, 139.381402 -20.813093, 139.381403 -20.813317, 139.381223 -20.813386                       | 0.0528                                               |
|                                                                                   |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.381854 -20.813476, 139.382125 -20.813630, 139.382275 -20.813585, 139.38212 -20.813394                        | 0.0586                                               |
|                                                                                   |                 |              |                                     | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.38121 -20.813675, 139.381513 -20.813581, 139.381542 -20.813669, 139.381237 -20.813752                        | 0.0370                                               |
| 608.7                                                                             | Templeton River | 1-2          | 0.10                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.391501 -20.812382, 139.391328 -20.812380, 139.391188 -20.811916, 139.391343 -20.811795                       | 0.1037                                               |
| 609.9                                                                             | Mica Creek      | 1-2          | 0.18                                | 1.11.2 Triodia spp. hummock grassland(north)                       | 139.401628 -20.812161, 139.402217 -20.812048, 139.401859 -20.812207, 139.401628 -20.812161                       | 0.0725                                               |
|                                                                                   |                 |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                       | 139.401244 -20.81259, 139.401457 -20.8124, 139.401642 -20.81244, 139.401498 -20.812642                           | 0.0561                                               |
|                                                                                   |                 |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                       | 139.401813 -20.812706, 139.401985 -20.812510, 139.402127 -20.812538, 139.402004 -20.812744                       | 0.0483                                               |
| 610.5                                                                             | Mica Creek      | 1-2          | 0.23                                | 1.11.3 Corymbia terminalis low open woodland on basic metamorphics | 139.406479 -20.811694, 139.406632 -20.811672, 139.40686 -20.811833, 139.406645 -20.811909, 139.406478 -20.811787 | 0.0586                                               |

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|-----------------------------------------------------------------------------------|-------------|--------------|-------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse             | Bounding coordinates for area of SRI (latitude/longitude)                                                                                | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |             |              |                                     | 1.11.3 <i>Corymbia terminalis</i> low open woodland on basic metamorphics | 139.406886 -20.812113, 139.407068 -20.812048, 139.407149 -20.812178, 139.407104 -20.812277, 139.406853 -20.812367, 139.406934 -20.812190 | 0.0598                                               |
|                                                                                   |             |              |                                     | 1.11.3 <i>Corymbia terminalis</i> low open woodland on basic metamorphics | 139.407341 -20.81195, 139.407521 -20.811886, 139.407599 -20.81210, 139.407409 -20.812168                                                 | 0.0504                                               |
|                                                                                   |             |              |                                     | 1.11.3 <i>Corymbia terminalis</i> low open woodland on basic metamorphics | 139.406933 -20.811565, 139.407143 -20.81149, 139.407359 -20.811654, 139.407153 -20.811728                                                | 0.0577                                               |
| 612.1                                                                             | Mica Creek  | 3-4          | 0.28                                | 1.11.2 <i>Triodia</i> spp. hummock grassland(north)                       | 139.420484 -20.809356,139.420427 -20.809046,139.420618 -20.809011,139.420762 -20.809305                                                  | 0.0861                                               |
|                                                                                   |             |              |                                     | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites        | 139.421401 -20.808591,139.421049 -20.808656,139.421017 -20.808432,139.421378 -20.808366,139.421439 -20.808551                            | 0.1010                                               |
|                                                                                   |             |              |                                     | 1.11.2 <i>Triodia</i> spp. hummock grassland(north)                       | 139.421447 -20.808583,139.421401 -20.808591,139.421439 -20.808551                                                                        | 0.0009                                               |
|                                                                                   |             |              |                                     | 1.11.2 <i>Triodia</i> spp. hummock grassland(north)                       | 139.421809 -20.809112,139.421701 -20.809043,139.421441 -20.809090,139.421192 -20.808906,139.421587 -20.808833                            | 0.0956                                               |
| 614.2                                                                             | Mica Creek  | 3-4          | 0.36                                | 1.11.2 <i>Triodia</i> spp. hummock grassland(north)                       | 139.435304 -20.818415,139.435283 -20.818614,139.434811 -20.818506,139.434829 -20.818342                                                  | 0.1011                                               |
|                                                                                   |             |              |                                     | 1.12.1 <i>Eucalyptus leucophloia</i> low open woodland on granites        | 139.435411 -20.819582,139.435127 -20.819525,139.434985 -20.819134,139.435224 -20.819153                                                  | 0.1227                                               |

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|-----------------------------------------------------------------------------------|-------------|--------------|-------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse | Bounding coordinates for area of SRI (latitude/longitude)                                                                           | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |             |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.436051 -20.819736,139.435755 -20.819654,139.435559 -20.819209,139.435880 -20.819326                                             | 0.1321                                               |
| 614.5                                                                             | Mica Creek  | 3-4          | 0.35                                | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.435602 -20.822568,139.435711 -20.822576,139.435687 -20.822920,139.435547 -20.822935,139.435545 -20.822686                       | 0.0547                                               |
|                                                                                   |             |              |                                     | 1.12.1 Eucalyptus leucophloia low open woodland on granites   | 139.435258 -20.822890,139.434994 -20.822857,139.434992 -20.822523,139.435313 -20.822510                                             | 0.1174                                               |
|                                                                                   |             |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.435527 -20.823918,139.436140 -20.824030,139.435396 -20.824140,139.435260 -20.824106,139.435163 -20.823789,139.435453 -20.823729 | 0.1779                                               |
| 615.8                                                                             | Mica Creek  | 1-2          | 0.07                                | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.4461 -20.825544, 139.446500 -20.825242, 139.446598 -20.825244, 139.446345 -20.825549                                            | 0.0658                                               |
| 616.9                                                                             | Mica Creek  | 1-2          | 0.11                                | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.456019 -20.825002, 139.456266 -20.824995, 139.456396 -20.825218, 139.456176 -20.825223, 139.456121 -20.825096                   | 0.0563                                               |
|                                                                                   |             |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.455261 -20.825021, 139.45537 -20.825019, 139.455388 -20.825183                                                                  | 0.0103                                               |
|                                                                                   |             |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.455154 -20.824527, 139.455305 -20.824523, 139.455363 -20.824748, 139.455192 -20.824752                                          | 0.0420                                               |
| 617.8                                                                             | Mica Creek  | 3-4          | 0.27                                | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.460092 -20.822425, 139.460346 -20.822438, 139.46008 -20.82263                                                                   | 0.0240                                               |

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| Appendix B, Table 2 – Temporary Workspaces (Authorised under Schedule D, Table 2) |             |              |                                     |                                                               |                                                                                                                                          |                                                      |
|-----------------------------------------------------------------------------------|-------------|--------------|-------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| KP                                                                                | Watercourse | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse | Bounding coordinates for area of SRI (latitude/longitude)                                                                                | Maximum extent of impact (ha) for regional ecosystem |
|                                                                                   |             |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.459600 -20.820574, 139.460066 -20.820349, 139.460102 -20.820241, 139.460539 -20.820105, 139.460468 -20.820330, 139.459986 -20.820655 | 0.2238                                               |
|                                                                                   |             |              |                                     | 1.11.2 Triodia spp. hummock grassland(north)                  | 139.460625 -20.820557, 139.460847 -20.820082, 139.460758 -20.820560                                                                      | 0.0196                                               |

Note: All Co-ordinates in Appendix B are in GDA 94 Datum.

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**Appendix B, Table 3: Coordinates for location and maximum total disturbance for access tracks authorised in Schedule D, Table 2-  
Significant residual impacts to prescribed environmental matters.**

| Appendix B, Table 3 – Access Tracks (Authorised under Schedule D, Table 2) |              |                                     |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                      |
|----------------------------------------------------------------------------|--------------|-------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Watercourse                                                                | Stream order | Total maximum extent of impact (ha) | Regional ecosystem within a defined distance of a watercourse | Bounding coordinates for area of SRI (latitude/longitude)                                                                                                                                                                                                                                                                                                                                                                                                                                              | Maximum extent of impact (ha) for regional ecosystem |
| Lily Hole Creek                                                            | 3            | 0.18                                | 4.3.16                                                        | 138.89757 -20.6414; 138.89751 -20.6414; 138.89747 -20.6414; 138.89746 -20.6414; 138.89746 -20.6414; 138.89699 -20.64058; 138.89663 -20.63997; 138.89676 -20.64; 138.89707 -20.64054                                                                                                                                                                                                                                                                                                                    | 0.178311                                             |
| Lily Hole Creek                                                            | 4            | 0.14                                | 1.5.7                                                         | 138.88713 -20.62397; 138.88716 -20.62393; 138.88718 -20.62386; 138.88722 -20.62393; 138.88723 -20.62396; 138.88719 -20.624; 138.88719 -20.62401; 138.88717 -20.62403; 138.88717 -20.62403; 138.88713 -20.62397; 138.88713 -20.62397                                                                                                                                                                                                                                                                    | 0.009156                                             |
| Lily Hole Creek                                                            | 4            |                                     | 1.3.6                                                         | 138.88679 -20.62319; 138.88675 -20.62332; 138.88652 -20.62292; 138.88652 -20.62292; 138.88658 -20.62284                                                                                                                                                                                                                                                                                                                                                                                                | 0.047889                                             |
| Lily Hole Creek                                                            | 4            |                                     | 1.3.7                                                         | 138.88718 -20.62386; 138.88716 -20.62393; 138.88713 -20.62397; 138.88675 -20.62332; 138.88679 -20.62319                                                                                                                                                                                                                                                                                                                                                                                                | 0.08389                                              |
| Lily Hole Creek                                                            | 5            | 0.24                                | 4.3.10                                                        | 138.72588 -20.72935; 138.72584 -20.72944; 138.72571 -20.72943; 138.72569 -20.72944; 138.72573 -20.72936; 138.72574 -20.72934                                                                                                                                                                                                                                                                                                                                                                           | 0.015579                                             |
| Lily Hole Creek                                                            | 5            |                                     | 4.3.10                                                        | 138.72589 -20.72935; 138.72639 -20.72937; 138.72639 -20.72937; 138.7264 -20.72937; 138.7264 -20.72937; 138.72641 -20.72937; 138.72641 -20.72937; 138.72721 -20.7296; 138.72721 -20.7296; 138.72785 -20.72982; 138.72797 -20.72985; 138.72795 -20.72987; 138.72793 -20.72989; 138.72788 -20.72992; 138.72782 -20.72991; 138.72781 -20.7299; 138.72718 -20.72969; 138.72639 -20.72946; 138.72639 -20.72946; 138.72639 -20.72946; 138.72585 -20.72944                                                     | 0.223573                                             |
| Mica Creek                                                                 | 2            | 0.23                                | 1.12.1                                                        | 139.41506 -20.7964; 139.41507 -20.79642; 139.41501 -20.79638; 139.41501 -20.79638; 139.41487 -20.79628; 139.4145 -20.79613; 139.4145 -20.79613; 139.41449 -20.79613; 139.41449 -20.79613; 139.41433 -20.796; 139.41433 -20.796; 139.41433 -20.796; 139.41433 -20.796; 139.41432 -20.796; 139.41432 -20.79599; 139.41432 -20.79599; 139.41432 -20.79599; 139.4143 -20.79593; 139.41497 -20.79633; 139.41499 -20.79634; 139.415 -20.79635; 139.41501 -20.79636; 139.41503 -20.79638; 139.41504 -20.79639 | 0.03541                                              |
| Mica Creek                                                                 | 2            |                                     | 1.11.2                                                        | 139.41246 -20.79412; 139.41254 -20.79435; 139.4124 -20.7942; 139.4124 -20.79419; 139.41216 -20.79386; 139.41188 -20.79356; 139.41188 -20.79356; 139.41188 -20.79356; 139.41187 -20.79355; 139.41187 -20.79355; 139.41187 -20.79355; 139.41187 -                                                                                                                                                                                                                                                        | 0.191081                                             |

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|            |   |      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
|------------|---|------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |   |      |         | 20.79354; 139.41187 -20.79354; 139.41187 -20.79353; 139.41187 -20.79353; 139.41186 -20.79316; 139.41176 -20.7927; 139.41178 -20.7927; 139.4118 -20.79271; 139.41182 -20.79271; 139.41184 -20.79272; 139.41186 -20.79272; 139.41186 -20.79273; 139.41195 -20.79314; 139.41195 -20.79314; 139.41195 -20.79315; 139.41195 -20.79315; 139.41196 -20.79351; 139.41223 -20.7938; 139.41223 -20.7938; 139.41224 -20.79381                                                                                                                                                                                                                                                                                                                                                         |          |
| Mica Creek | 2 | 0.09 | 1.12.1  | 139.41918 -20.80582; 139.41895 -20.80598; 139.41889 -20.80591; 139.41911 -20.80575; 139.41923 -20.8056; 139.41928 -20.8055; 139.41936 -20.80531; 139.41944 -20.80536; 139.41937 -20.80553; 139.41937 -20.80553; 139.41932 -20.80564; 139.41931 -20.80565; 139.41931 -20.80565; 139.41919 -20.80581; 139.41918 -20.80581; 139.41918 -20.80582; 139.41918 -20.80582                                                                                                                                                                                                                                                                                                                                                                                                          | 0.085693 |
| Mica Creek | 3 | 0.30 | 1.11.2a | 139.44795 -20.82457; 139.4481 -20.82451; 139.44815 -20.82447; 139.44847 -20.82446; 139.44827 -20.82452; 139.44827 -20.82452; 139.44823 -20.82456; 139.44822 -20.82456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.026367 |
| Mica Creek | 3 |      | 1.3.7   | 139.44795 -20.82457; 139.44617 -20.82461; 139.44563 -20.82467; 139.44563 -20.82467; 139.44542 -20.82469; 139.44552 -20.82459; 139.44562 -20.82458; 139.44616 -20.82452; 139.44617 -20.82452; 139.44815 -20.82447; 139.4481 -20.82451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.270154 |
| Mica Creek | 3 | 0.57 | 1.3.6   | 139.41285 -20.81215; 139.41326 -20.81208; 139.41303 -20.81214; 139.41303 -20.81214; 139.41302 -20.81214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.005168 |
| Mica Creek | 3 |      | 1.3.7   | 139.41407 -20.81183; 139.41393 -20.81185; 139.41386 -20.81187; 139.41377 -20.8118; 139.4139 -20.81177; 139.41391 -20.81177; 139.41391 -20.81177; 139.41399 -20.81175; 139.414 -20.81177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.022986 |
| Mica Creek | 3 |      | 1.12.1  | 139.41226 -20.8126; 139.4121 -20.81278; 139.41201 -20.81292; 139.41201 -20.81292; 139.41201 -20.81292; 139.41201 -20.81293; 139.412 -20.81293; 139.412 -20.81293; 139.41189 -20.8129; 139.41193 -20.81287; 139.41202 -20.81273; 139.41203 -20.81273; 139.41216 -20.81257; 139.41226 -20.8126                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.045931 |
| Mica Creek | 3 |      | 1.3.6   | 139.41226 -20.8126; 139.41226 -20.8126; 139.41216 -20.81257; 139.4122 -20.81252; 139.4122 -20.81252; 139.4122 -20.81252; 139.41242 -20.81229; 139.4125 -20.81218; 139.41267 -20.81217; 139.4126 -20.8122; 139.4125 -20.81234; 139.4125 -20.81234; 139.4125 -20.81234; 139.41228 -20.81258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.058535 |
| Mica Creek | 3 |      | 1.12.1  | 139.41407 -20.81183; 139.414 -20.81177; 139.41399 -20.81175; 139.41411 -20.81174; 139.41411 -20.81174; 139.41412 -20.81174; 139.41417 -20.81173; 139.41417 -20.81173; 139.41417 -20.81174; 139.41418 -20.81174; 139.41455 -20.8118; 139.41461 -20.81179; 139.41464 -20.81185; 139.41465 -20.81184; 139.41468 -20.81184; 139.41471 -20.81183; 139.41474 -20.81183; 139.41494 -20.8118; 139.41504 -20.81176; 139.41507 -20.81175; 139.4151 -20.81174; 139.41513 -20.81174; 139.41513 -20.81174; 139.41524 -20.81172; 139.41526 -20.81172; 139.41529 -20.81171; 139.41531 -20.81171; 139.41531 -20.81171; 139.41536 -20.8117; 139.41524 -20.8118; 139.41524 -20.8118; 139.41524 -20.8118; 139.41523 -20.81181; 139.41523 -20.81181; 139.41523 -20.81181; 139.41522 -20.81181; | 0.11388  |

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|------------|---|------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |   |      |        | 139.41522 -20.81181; 139.41522 -20.81181; 139.41489 -20.81186; 139.41489 -20.81186; 139.41456 -20.81189; 139.41455 -20.81189; 139.41455 -20.81189; 139.41454 -20.81189; 139.41416 -20.81183; 139.41412 -20.81183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
| Mica Creek | 3 |      | 1.12.1 | 139.41386 -20.81187; 139.41379 -20.81119; 139.41378 -20.81119; 139.41357 -20.81194; 139.41335 -20.81206; 139.41335 -20.81206; 139.41334 -20.81206; 139.41334 -20.81206; 139.41326 -20.81208; 139.41285 -20.81215; 139.4127 -20.81216; 139.41267 -20.81217; 139.4125 -20.81218; 139.41253 -20.81214; 139.41253 -20.81214; 139.41254 -20.81213; 139.41254 -20.81213; 139.41254 -20.81213; 139.41254 -20.81213; 139.41255 -20.81212; 139.41267 -20.81207; 139.41267 -20.81207; 139.41268 -20.81207; 139.41268 -20.81207; 139.41269 -20.81207; 139.41301 -20.81205; 139.41331 -20.81197; 139.41353 -20.81186; 139.41354 -20.81186; 139.41354 -20.81186; 139.41376 -20.81181; 139.41377 -20.8118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.132678 |
| Mica Creek | 3 |      | 1.11.2 | 139.4013 -20.81264; 139.40158 -20.81272; 139.40202 -20.81281; 139.40202 -20.81282; 139.40222 -20.81286; 139.40219 -20.81288; 139.40215 -20.81294; 139.402 -20.8129; 139.40156 -20.81281; 139.40156 -20.81281; 139.40127 -20.81273; 139.40108 -20.81272; 139.40082 -20.81277; 139.40082 -20.81277; 139.40082 -20.81277; 139.40056 -20.81279; 139.40055 -20.81279; 139.40055 -20.81279; 139.40054 -20.81279; 139.40054 -20.81279; 139.40054 -20.81279; 139.40043 -20.81276; 139.40043 -20.81276; 139.40043 -20.81276; 139.40042 -20.81275; 139.40042 -20.81275; 139.40042 -20.81275; 139.40042 -20.81275; 139.40041 -20.81275; 139.40041 -20.81275; 139.40041 -20.81275; 139.40038 -20.81271; 139.40038 -20.81271; 139.40038 -20.81271; 139.40041 -20.81265; 139.40043 -20.81262; 139.40048 -20.81268; 139.40056 -20.8127; 139.40081 -20.81268; 139.40107 -20.81263; 139.40107 -20.81263; 139.40108 -20.81263; 139.40108 -20.81263; 139.40108 -20.81263; 139.40129 -20.81264; 139.40129 -20.81264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.19223  |
| Mica Creek | 3 | 0.25 | 1.11.2 | 139.45543 -20.82551; 139.45542 -20.82563; 139.45538 -20.82558; 139.45536 -20.82556; 139.45534 -20.82553; 139.45533 -20.82552; 139.45533 -20.82551; 139.45533 -20.82551; 139.45533 -20.82551; 139.45533 -20.8255; 139.45533 -20.82549; 139.45533 -20.82549; 139.45536 -20.82522; 139.45537 -20.82503; 139.45537 -20.82502; 139.45537 -20.82502; 139.45537 -20.82502; 139.45537 -20.82501; 139.45537 -20.82501; 139.45534 -20.82485; 139.4553 -20.82476; 139.4553 -20.82476; 139.45526 -20.82467; 139.45526 -20.82466; 139.45525 -20.82465; 139.45525 -20.82465; 139.45523 -20.82461; 139.45522 -20.82461; 139.45522 -20.8246; 139.45521 -20.82459; 139.4552 -20.82458; 139.4552 -20.82458; 139.4552 -20.82458; 139.45515 -20.82451; 139.45515 -20.82451; 139.45514 -20.82451; 139.45514 -20.8245; 139.45513 -20.8245; 139.45513 -20.82449; 139.45513 -20.82449; 139.45513 -20.82449; 139.45511 -20.82442; 139.4551 -20.82442; 139.4551 -20.8244; 139.4551 -20.82439; 139.4551 -20.82439; 139.45509 -20.82437; 139.45509 -20.82437; 139.45509 -20.82437; 139.45509 -20.82436; 139.45509 -20.82435; 139.45509 -20.82435; 139.45509 -20.82435; 139.45511 -20.82423; 139.45511 -20.82423; 139.45511 -20.82423; 139.45511 -20.82422; 139.45511 -20.82422; 139.45511 -20.82421; 139.45516 -20.82411; 139.45517 -20.82411; 139.45517 -20.82411; 139.45518 -20.82409; 139.45518 -20.82409; 139.45518 -20.82409; 139.45519 -20.82408; 139.45519 -20.82408; 139.45519 -20.82408; 139.45526 -20.824; 139.45531 -20.82394; 139.4554 -20.82351; 139.45547 -20.82346; 139.45554 -20.82339; 139.45551 -20.82347; 139.4554 -20.82396; 139.4554 -20.82397; 139.4554 -20.82397; 139.4554 -20.82398; 139.45539 -20.82398; 139.45534 -20.82405; 139.45534 -20.82406; 139.45534 -20.82406; 139.45526 -20.82414; 139.45526 -20.82414; 139.45525 -20.82415; 139.4552 -20.82425; 139.45519 -20.82435; 139.45519 | 0.249893 |

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|------------|---|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |   |      |          | -20.82436; 139.45519 -20.82437; 139.45519 -20.82438; 139.45519 -20.82438; 139.4552 -20.82439; 139.45522 -20.82445; 139.45522 -20.82446; 139.45527 -20.82452; 139.45528 -20.82453; 139.45529 -20.82454; 139.45529 -20.82454; 139.4553 -20.82454; 139.4553 -20.82455; 139.45531 -20.82456; 139.45531 -20.82456; 139.45531 -20.82456; 139.45533 -20.8246; 139.45534 -20.82461; 139.45534 -20.82461; 139.45535 -20.82463; 139.45535 -20.82463; 139.45539 -20.82472; 139.45543 -20.82482; 139.45543 -20.82482; 139.45544 -20.82483; 139.45544 -20.82483; 139.45544 -20.82483; 139.45544 -20.82483; 139.45546 -20.825; 139.45546 -20.825; 139.45547 -20.825; 139.45547 -20.82501; 139.45547 -20.82501; 139.45547 -20.82502; 139.45547 -20.82503; 139.45547 -20.82503; 139.45547 -20.82504; 139.45545 -20.82523; 139.45545 -20.82523; 139.45543 -20.82549; 139.45543 -20.8255; 139.45543 -20.8255; 139.45543 -20.82551; 139.45543 -20.82551                                  |          |
| Mica Creek | 3 | 1.39 | 1.12.1   | 139.42685 -20.8131; 139.42685 -20.81311; 139.42703 -20.81337; 139.42711 -20.81348; 139.42699 -20.81342; 139.42694 -20.81339; 139.42693 -20.81338; 139.42677 -20.81315; 139.42677 -20.81315; 139.42676 -20.81315; 139.42676 -20.81314; 139.42676 -20.81314; 139.42674 -20.81306; 139.42676 -20.81307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.046303 |
| Mica Creek | 3 |      | 1.11.2   | 139.42672 -20.8127; 139.42674 -20.81274; 139.42674 -20.81274; 139.42674 -20.81275; 139.42685 -20.8131; 139.42676 -20.81307; 139.42674 -20.81306; 139.42665 -20.81277; 139.42653 -20.81253; 139.42668 -20.81266                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.054291 |
| Mica Creek | 3 |      | 1.11.2   | 139.42405 -20.81027; 139.42408 -20.81031; 139.42409 -20.81037; 139.42368 -20.81026; 139.42367 -20.81026; 139.42367 -20.81026; 139.42367 -20.81026; 139.42346 -20.81016; 139.4234 -20.81012; 139.42338 -20.81011; 139.42337 -20.8101; 139.42319 -20.80995; 139.42327 -20.80998; 139.42327 -20.80998; 139.42327 -20.80998; 139.42371 -20.81018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.086168 |
| Mica Creek | 3 |      | 1.3.7    | 139.43165 -20.81715; 139.43178 -20.81736; 139.43133 -20.81702; 139.43133 -20.81702; 139.43132 -20.81701; 139.43116 -20.81686; 139.43081 -20.81658; 139.43085 -20.81659; 139.43088 -20.81652; 139.43122 -20.81679; 139.43122 -20.8168; 139.43139 -20.81695                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.118098 |
| Mica Creek | 3 |      | 1.12.1x2 | 139.43088 -20.81652; 139.43085 -20.81659; 139.43081 -20.81658; 139.43072 -20.81651; 139.43035 -20.81628; 139.42996 -20.81615; 139.42954 -20.81612; 139.42954 -20.81612; 139.42953 -20.81612; 139.42953 -20.81612; 139.42921 -20.81603; 139.42921 -20.81603; 139.4292 -20.81602; 139.4292 -20.81602; 139.4292 -20.81602; 139.42919 -20.81602; 139.42919 -20.81602; 139.42919 -20.81601; 139.4289 -20.8157; 139.42861 -20.81545; 139.42823 -20.81514; 139.42828 -20.81515; 139.42834 -20.81516; 139.42839 -20.81518; 139.42844 -20.8152; 139.42848 -20.81522; 139.42867 -20.81539; 139.42897 -20.81563; 139.42897 -20.81564; 139.42897 -20.81564; 139.42925 -20.81594; 139.42955 -20.81603; 139.42997 -20.81606; 139.42998 -20.81606; 139.42998 -20.81606; 139.42999 -20.81606; 139.42999 -20.81606; 139.43038 -20.8162; 139.43039 -20.8162; 139.43039 -20.8162; 139.43039 -20.8162; 139.43077 -20.81643; 139.43077 -20.81643; 139.43077 -20.81643; 139.43078 -20.81643 | 0.5152 / |
| Mica Creek | 3 |      | 1.3.7    | 139.43252 -20.81775; 139.43266 -20.81786; 139.43309 -20.81803; 139.43352 -20.81817; 139.43352 -20.81817; 139.43352 -20.81817; 139.43353 -20.81817; 139.43393 -20.81837; 139.43434 -20.81851; 139.43492 -20.81867; 139.43551 -20.81871;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.365671 |

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|            |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
|------------|---|------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |   |      |          | 139.43552 -20.81871; 139.43588 -20.8188; 139.43551 -20.8188; 139.43551 -20.8188; 139.4355 -20.8188; 139.43491 -20.81876; 139.43491 -20.81876; 139.4349 -20.81875; 139.43431 -20.8186; 139.43431 -20.8186; 139.4339 -20.81846; 139.43389 -20.81846; 139.43389 -20.81846; 139.43348 -20.81826; 139.43305 -20.81811; 139.43305 -20.81811; 139.43305 -20.81811; 139.43261 -20.81794; 139.43261 -20.81794; 139.4326 -20.81793; 139.4326 -20.81793; 139.4326 -20.81793; 139.43234 -20.81772; 139.43231 -20.8177; 139.43251 -20.81774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
| Mica Creek | 3 |      | 1.3./    | 139.42672 -20.8127; 139.42668 -20.81266; 139.42653 -20.81253; 139.4264 -20.81226; 139.4264 -20.81226; 139.42627 -20.81214; 139.42608 -20.81207; 139.42572 -20.812; 139.42571 -20.81199; 139.42571 -20.81199; 139.42548 -20.81191; 139.42547 -20.81191; 139.42547 -20.81191; 139.42517 -20.81173; 139.42516 -20.81173; 139.42516 -20.81172; 139.42516 -20.81172; 139.42516 -20.81172; 139.42516 -20.81172; 139.42489 -20.8114; 139.42489 -20.8114; 139.42488 -20.8114; 139.42488 -20.8114; 139.42488 -20.81138; 139.42469 -20.81113; 139.42469 -20.81113; 139.42469 -20.81113; 139.4246 -20.81096; 139.42459 -20.81096; 139.42459 -20.81096; 139.42459 -20.81096; 139.42459 -20.81095; 139.42459 -20.81095; 139.42459 -20.81094; 139.42459 -20.81094; 139.42461 -20.81077; 139.42462 -20.81061; 139.42455 -20.81051; 139.42423 -20.81041; 139.42409 -20.81037; 139.42408 -20.81031; 139.42405 -20.81027; 139.42425 -20.81032; 139.42426 -20.81032; 139.4246 -20.81043; 139.4246 -20.81043; 139.42461 -20.81043; 139.42461 -20.81043; 139.42461 -20.81043; 139.42462 -20.81044; 139.42462 -20.81044; 139.42462 -20.81044; 139.42462 -20.81045; 139.42463 -20.81045; 139.42471 -20.81058; 139.42471 -20.81058; 139.42471 -20.81059; 139.42471 -20.81059; 139.42471 -20.8106; 139.42471 -20.8106; 139.42471 -20.8106; 139.42471 -20.8106; 139.42471 -20.81078; 139.42471 -20.81078; 139.42469 -20.81094; 139.42477 -20.81108; 139.42496 -20.81133; 139.42496 -20.81134; 139.42496 -20.81134; 139.42497 -20.81135; 139.42523 -20.81165; 139.42552 -20.81183; 139.42574 -20.81191; 139.4261 -20.81198; 139.42611 -20.81198; 139.42611 -20.81198; 139.42611 -20.81198; 139.42632 -20.81206; 139.42632 -20.81206; 139.42633 -20.81206; 139.42633 -20.81206; 139.42633 -20.81207; 139.42634 -20.81207; 139.42646 -20.8122; 139.42647 -20.8122; 139.42647 -20.8122; 139.42648 -20.81221; 139.42648 -20.81221; 139.42648 -20.81221; 139.42648 -20.81222 | 0.4031/  |
| Mica Creek | 3 |      | 1.3.6x1c | 139.4395 -20.82224; 139.43952 -20.82221; 139.43954 -20.82219; 139.43962 -20.82221; 139.43959 -20.82221                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.002596 |
| Mica Creek | 3 | 0.59 | 1.11.2   | 139.43954 -20.82219; 139.43952 -20.82221; 139.4395 -20.82224; 139.43942 -20.82225; 139.43922 -20.82221; 139.43922 -20.82221; 139.43921 -20.82221; 139.43921 -20.82221; 139.43921 -20.8222; 139.4392 -20.8222; 139.4392 -20.8222; 139.4392 -20.8222; 139.4392 -20.8222; 139.43919 -20.82219; 139.43919 -20.82219; 139.43913 -20.82209; 139.43918 -20.82208; 139.43922 -20.82206; 139.43926 -20.82213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.039362 |
| Mica Creek | 3 |      | 1.12.1   | 139.4389 -20.82156; 139.43884 -20.82161; 139.43883 -20.82162; 139.43864 -20.82133; 139.43864 -20.82133; 139.43864 -20.82133; 139.43863 -20.82132; 139.43863 -20.82132; 139.43863 -20.82132; 139.43862 -20.82128; 139.43869 -20.82125; 139.43872 -20.82125; 139.43872 -20.82129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.041571 |

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|            |   |      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
|------------|---|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Mica Creek | 3 |      | 1.12.1 | 139.43853 -20.82042; 139.43856 -20.82054; 139.43856 -20.82054; 139.43864 -20.82089; 139.43853 -20.82083; 139.43846 -20.82056; 139.43843 -20.82041; 139.43852 -20.82042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.050202 |
| Mica Creek | 3 |      | 1.3.7  | 139.43922 -20.82206; 139.43918 -20.82208; 139.43913 -20.82209; 139.43883 -20.82162; 139.43884 -20.82161; 139.4389 -20.82156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.063263 |
| Mica Creek | 3 |      | 1.3.6a | 139.43821 -20.81974; 139.43824 -20.81977; 139.43845 -20.8199; 139.43845 -20.8199; 139.43846 -20.81991; 139.43846 -20.81991; 139.43846 -20.81991; 139.43854 -20.82003; 139.43854 -20.82003; 139.43855 -20.82003; 139.43855 -20.82003; 139.43855 -20.82004; 139.43855 -20.82004; 139.43855 -20.82005; 139.43855 -20.82005; 139.43855 -20.82005; 139.43855 -20.82005; 139.43855 -20.82006; 139.43855 -20.82006; 139.43849 -20.82027; 139.43853 -20.82042; 139.43852 -20.82042; 139.43843 -20.82041; 139.43839 -20.82028; 139.43839 -20.82028; 139.43839 -20.82028; 139.43839 -20.82027; 139.43839 -20.82027; 139.43839 -20.82027; 139.43839 -20.82027; 139.43839 -20.82026; 139.43845 -20.82006; 139.43839 -20.81997; 139.43818 -20.81984; 139.43818 -20.81984; 139.43818 -20.81984; 139.43803 -20.8197; 139.43803 -20.8197; 139.43802 -20.81969; 139.43802 -20.81969; 139.43802 -20.81968; 139.438 -20.81964                                                                                                                                                                                                                                                                                                                                                                                                   | 0.101897 |
| Mica Creek | 3 |      | 1.11.2 | 139.4381 -20.81964; 139.43821 -20.81974; 139.438 -20.81964; 139.43786 -20.81935; 139.43786 -20.81934; 139.43786 -20.81934; 139.43786 -20.81934; 139.43771 -20.8191; 139.43768 -20.81906; 139.43785 -20.81914; 139.43795 -20.8193; 139.43795 -20.81931; 139.43795 -20.81931; 139.43795 -20.81931; 139.43795 -20.81932; 139.43657 -20.81874; 139.43658 -20.81874; 139.4368 -20.81876; 139.43701 -20.81884; 139.43701 -20.81884; 139.43683 -20.81885; 139.43683 -20.81885; 139.43683 -20.81885; 139.43654 -20.81883; 139.43654 -20.81883; 139.43601 -20.8188; 139.43588 -20.8188; 139.43552 -20.81871; 139.43601 -20.8187; 139.43601 -20.8187; 139.43601 -20.8187; 139.43647 -20.81874; 139.43646 -20.81872; 139.43645 -20.8187; 139.43645 -20.81869; 139.43645 -20.81869; 139.43644 -20.81869; 139.43644 -20.81868; 139.43644 -20.81866; 139.43644 -20.81866; 139.43651 -20.81869; 139.43656 -20.8187; 139.43657 -20.81873; 139.4324 -20.81765; 139.43252 -20.81775; 139.43251 -20.81774; 139.43231 -20.8177; 139.43206 -20.81757; 139.43206 -20.81757; 139.43205 -20.81757; 139.43205 -20.81756; 139.4318 -20.81738; 139.4318 -20.81738; 139.43178 -20.81736; 139.43165 -20.81715; 139.43186 -20.81731; 139.43211 -20.81749; 139.43239 -20.81764; 139.43239 -20.81764; 139.4324 -20.81764; 139.4324 -20.81764 | 0.295373 |
| Mica Creek | 5 | 0.87 | 1.11.2 | 139.45565 -20.82313; 139.45565 -20.82314; 139.45565 -20.82314; 139.45564 -20.82315; 139.45563 -20.82314; 139.45554 -20.82316; 139.45554 -20.82314; 139.45474 -20.82327; 139.45455 -20.82329; 139.45452 -20.82329; 139.4545 -20.82329; 139.45409 -20.82329; 139.45414 -20.82327; 139.45414 -20.82327; 139.45414 -20.82327; 139.45415 -20.82326; 139.45415 -20.82326; 139.45557 -20.82305; 139.45558 -20.82305; 139.45565 -20.82299; 139.45566 -20.82298; 139.45573 -20.82304; 139.45571 -20.82306; 139.45571 -20.82306; 139.45565 -20.82311; 139.45565 -20.82311; 139.45565 -20.82311; 139.45565 -20.82312; 139.45565 -20.82312; 139.45565 -20.82313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.150382 |
| Mica Creek | 5 |      | 1.11.2 | 139.4596 -20.82072; 139.45951 -20.82072; 139.45938 -20.82074; 139.45928 -20.82075; 139.45968 -20.82059; 139.45968 -20.82059; 139.45968 -20.82059; 139.45969 -20.82059; 139.45969 -20.82059; 139.46015 -20.82052; 139.46015 -20.82051; 139.46016 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.247483 |

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|            |   |      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
|------------|---|------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |   |      |        | 20.82051; 139.46016 -20.82051; 139.46016 -20.82051; 139.46017 -20.82051; 139.46017 -20.82051; 139.46018 -20.82051; 139.46018 -20.82051; 139.4602 -20.82051; 139.46039 -20.8204; 139.46051 -20.82032; 139.46052 -20.8203; 139.46052 -20.8203; 139.46053 -20.8203; 139.46053 -20.8203; 139.46053 -20.82029; 139.46053 -20.82029; 139.46054 -20.82029; 139.46057 -20.82027; 139.46149 -20.81973; 139.46149 -20.81973; 139.46149 -20.81973; 139.4615 -20.81972; 139.4615 -20.81972; 139.4615 -20.81972; 139.46151 -20.81972; 139.46151 -20.81972; 139.46152 -20.81972; 139.46152 -20.81972; 139.46153 -20.81972; 139.46153 -20.81973; 139.46154 -20.81973; 139.46154 -20.81973; 139.46154 -20.81973; 139.46155 -20.81974; 139.46155 -20.81974; 139.46155 -20.81974; 139.46155 -20.81974; 139.46156 -20.81975; 139.46156 -20.81975; 139.46156 -20.81976; 139.46156 -20.81976; 139.46156 -20.81976; 139.46156 -20.81977; 139.46156 -20.81977; 139.46156 -20.81978; 139.46156 -20.81978; 139.46156 -20.81978; 139.46156 -20.81979; 139.46155 -20.81979; 139.46155 -20.81979; 139.46155 -20.8198; 139.46155 -20.8198; 139.46154 -20.8198; 139.46154 -20.8198; 139.46154 -20.81981; 139.46062 -20.82035; 139.4606 -20.82036; 139.46058 -20.82038; 139.46058 -20.82038; 139.46058 -20.82039; 139.46058 -20.82039; 139.46057 -20.82039; 139.46057 -20.82039; 139.46045 -20.82047; 139.46044 -20.82047; 139.46024 -20.82059; 139.46024 -20.82059; 139.46023 -20.82059; 139.46023 -20.82059; 139.46023 -20.8206; 139.46022 -20.8206; 139.46022 -20.8206; 139.46022 -20.8206; 139.46019 -20.8206; 139.46019 -20.8206; 139.46019 -20.8206; 139.46018 -20.8206; 139.46018 -20.8206; 139.46017 -20.82061; 139.46017 -20.82061; 139.45971 -20.82068 |          |
| Mica Creek | 5 |      | 1.3.7  | 139.45573 -20.82304; 139.45566 -20.82298; 139.45582 -20.82285; 139.45582 -20.82285; 139.45583 -20.82284; 139.45583 -20.82284; 139.45583 -20.82284; 139.45628 -20.82264; 139.45653 -20.82237; 139.45653 -20.82237; 139.45699 -20.82192; 139.45699 -20.82192; 139.457 -20.82192; 139.457 -20.82192; 139.45701 -20.82191; 139.45789 -20.82153; 139.45842 -20.8211; 139.45842 -20.8211; 139.45842 -20.82109; 139.45842 -20.82109; 139.45843 -20.82109; 139.45928 -20.82075; 139.45938 -20.82074; 139.45951 -20.82072; 139.4596 -20.82072; 139.45847 -20.82117; 139.45795 -20.82161; 139.45795 -20.82161; 139.45794 -20.82161; 139.45794 -20.82161; 139.45793 -20.82161; 139.45705 -20.82199; 139.4566 -20.82243; 139.45634 -20.8227; 139.45634 -20.82271; 139.45634 -20.82271; 139.45633 -20.82271; 139.45633 -20.82271; 139.45588 -20.82292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.472669 |
| Mica Creek | 5 | 0.07 | 1.11.2 | 139.46068 -20.82018; 139.46068 -20.82018; 139.46067 -20.82018; 139.46067 -20.82018; 139.46066 -20.82018; 139.46066 -20.82018; 139.46065 -20.82018; 139.46065 -20.82017; 139.46065 -20.82017; 139.46064 -20.82017; 139.46064 -20.82017; 139.46064 -20.82016; 139.46064 -20.82016; 139.46063 -20.82016; 139.46063 -20.82015; 139.46063 -20.82015; 139.46063 -20.82015; 139.46063 -20.82014; 139.46063 -20.82014; 139.46063 -20.82013; 139.46063 -20.82012; 139.46063 -20.82011; 139.46063 -20.82011; 139.46063 -20.8201; 139.46064 -20.82008; 139.46064 -20.82008; 139.46064 -20.82006; 139.46064 -20.82005; 139.46064 -20.82002; 139.46064 -20.82; 139.46064 -20.81997; 139.46064 -20.81996; 139.46064 -20.81996; 139.46064 -20.81996; 139.46065 -20.81992; 139.46065 -20.81992; 139.46065 -20.81992; 139.46066 -20.81988; 139.46066 -20.81988; 139.46067 -20.81984; 139.46067 -20.81984; 139.46068 -20.81981; 139.46068 -20.81981; 139.46069 -20.81977; 139.46069 -20.81977; 139.46071 -20.81974; 139.46071 -20.81973; 139.46073 -20.8197; 139.46075 -20.81967; 139.46076 -20.81963; 139.46078 -20.81957; 139.46078 -20.81955; 139.46083 -20.81954; 139.46089 -20.81952; 139.46088 -20.81953; 139.46088 -20.81953; 139.46087 -20.8196;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.07294  |

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|               |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
|---------------|---|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               |   |      |          | 139.46087 -20.8196; 139.46085 -20.81965; 139.46085 -20.81965; 139.46084 -20.8197; 139.46084 -20.8197; 139.46084 -20.8197;<br>139.46082 -20.81974; 139.46082 -20.81974; 139.4608 -20.81978; 139.46078 -20.81981; 139.46077 -20.81984; 139.46076 -20.81987;<br>139.46075 -20.8199; 139.46074 -20.81994; 139.46074 -20.81996; 139.46074 -20.81999; 139.46074 -20.82002; 139.46074 -20.82002;<br>139.46074 -20.82002; 139.46074 -20.82005; 139.46074 -20.82005; 139.46074 -20.82007; 139.46074 -20.82007; 139.46074 -20.82008;<br>139.46074 -20.82008; 139.46074 -20.82008; 139.46073 -20.8201; 139.46072 -20.82012; 139.46072 -20.82013; 139.46072 -20.82014;<br>139.46072 -20.82014; 139.46072 -20.82015; 139.46072 -20.82015; 139.46072 -20.82015; 139.46072 -20.82016; 139.46071 -20.82016;<br>139.46071 -20.82016; 139.46071 -20.82017; 139.46071 -20.82017; 139.4607 -20.82017; 139.4607 -20.82017; 139.4607 -20.82018;<br>139.46069 -20.82018; 139.46069 -20.82018; 139.46068 -20.82018 |          |
| Mingera Creek | 1 | 0.08 | 4.3.17   | 138.68416 -20.58466; 138.68406 -20.58467; 138.68405 -20.58464; 138.68415 -20.58464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.00275  |
| Mingera Creek | 1 |      | 4.3.20   | 138.68429 -20.58523; 138.68439 -20.58522; 138.68443 -20.58533; 138.68434 -20.58535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.01337  |
| Mingera Creek | 1 |      | 4.3.4    | 138.68439 -20.58522; 138.68429 -20.58523; 138.68426 -20.58515; 138.68406 -20.58467; 138.68416 -20.58466; 138.68435 -20.58512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.066789 |
| Mingera Creek | 3 | 0.29 | 4.4.1    | 138.37319 -20.57613; 138.37307 -20.57614; 138.37307 -20.57614; 138.37309 -20.57614; 138.37321 -20.57609                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.001985 |
| Mingera Creek | 3 |      | 4.4.1    | 138.37272 -20.57684; 138.37249 -20.57719; 138.37239 -20.57718; 138.37261 -20.57684                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.044629 |
| Mingera Creek | 3 |      | 4.3.16   | 138.37272 -20.57684; 138.37261 -20.57684; 138.37307 -20.57614; 138.37319 -20.57613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.091765 |
| Mingera Creek | 3 |      | 4.3.16   | 138.39263 -20.54639; 138.39187 -20.54756; 138.3918 -20.5475; 138.39257 -20.54631                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.152848 |
| Mingera Creek | 4 | 0.14 | 1.5.4x1a | 138.85586 -20.51165; 138.85583 -20.51178; 138.85572 -20.51148; 138.85544 -20.51069; 138.85544 -20.51069; 138.85544 -20.51068;<br>138.85544 -20.51068; 138.85539 -20.51034; 138.85541 -20.51038; 138.85543 -20.51042; 138.85554 -20.51066;<br>138.85554 -20.51067; 138.85581 -20.51145; 138.85587 -20.51161                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.14086  |
| Mingera Creek | 5 | 1.00 | 4.3.3    | 138.33868 -20.62886; 138.33832 -20.62942; 138.33832 -20.62942; 138.33831 -20.62942; 138.33831 -20.62943; 138.33828 -20.62945;<br>138.33824 -20.62936; 138.33859 -20.62883; 138.33862 -20.62885                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.072679 |
| Mingera Creek | 5 |      | 4.4.1    | 138.33868 -20.62886; 138.33862 -20.62885; 138.33859 -20.62883; 138.33899 -20.62822; 138.339 -20.62823; 138.33905 -20.62827;<br>138.33906 -20.62828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.078573 |
| Mingera Creek | 5 |      | 4.3.1    | 138.32983 -20.63746; 138.32972 -20.63743; 138.33025 -20.63693; 138.33045 -20.63687                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.084701 |

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|                 |   |      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
|-----------------|---|------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Mingera Creek   | 5 |      | 4.3.1  | 138.32893 -20.63831; 138.32823 -20.63897; 138.3281 -20.63897; 138.32891 -20.6382; 138.32893 -20.63831                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.111729 |
| Mingera Creek   | 5 |      | 4.3.3  | 138.32983 -20.63746; 138.32893 -20.63831; 138.32893 -20.63831; 138.32891 -20.6382; 138.32972 -20.63743                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.12677  |
| Mingera Creek   | 5 |      | 4.3.16 | 138.33828 -20.62945; 138.33746 -20.63023; 138.33735 -20.63021; 138.33824 -20.62937; 138.33824 -20.62936                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.127031 |
| Mingera Creek   | 5 |      | 4.3.16 | 138.33045 -20.63687; 138.33025 -20.63693; 138.33123 -20.636; 138.33137 -20.636                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.141252 |
| Mingera Creek   | 5 |      | 4.3.3  | 138.32786 -20.6392; 138.32786 -20.6392; 138.32806 -20.639; 138.3281 -20.63897; 138.32823 -20.63897; 138.32793 -20.63925; 138.32661 -20.64081; 138.32652 -20.64078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.261783 |
| Mingera Creek   | 5 | 0.66 | 4.3.20 | 138.69077 -20.59832; 138.69088 -20.59831; 138.69123 -20.59867; 138.69123 -20.59867; 138.69124 -20.59867; 138.69132 -20.59878; 138.69131 -20.59879; 138.69125 -20.59881; 138.69123 -20.59882; 138.69116 -20.59873                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.071645 |
| Mingera Creek   | 5 |      | 4.3.1  | 138.69088 -20.59831; 138.69077 -20.59832; 138.69067 -20.59823; 138.68993 -20.59756; 138.68922 -20.59695; 138.68921 -20.59694; 138.68921 -20.59694; 138.68921 -20.59694; 138.68921 -20.59694; 138.6892 -20.59693; 138.6892 -20.59693; 138.6892 -20.59693; 138.6892 -20.59692; 138.6892 -20.59692; 138.6892 -20.59692; 138.6892 -20.59691; 138.68881 -20.59645; 138.6888 -20.59645; 138.6888 -20.59644; 138.6888 -20.59644; 138.6888 -20.59644; 138.6888 -20.59643; 138.68861 -20.59586; 138.688 -20.59432; 138.688 -20.59432; 138.688 -20.59432; 138.68785 -20.59392; 138.68795 -20.5939; 138.68809 -20.59429; 138.6887 -20.59583; 138.6887 -20.59583; 138.6887 -20.59583; 138.68889 -20.5964; 138.68928 -20.59687; 138.68929 -20.59687; 138.68929 -20.59687; 138.68929 -20.59688; 138.68929 -20.59688; 138.68929 -20.59688; 138.68929 -20.59689; 138.68929 -20.59689; 138.68929 -20.59689; 138.69 -20.5975; 138.69 -20.5975; 138.69074 -20.59817; 138.69074 -20.59817 | 0.590703 |
| Mingera Creek   | 5 | 0.43 | 1.3.6  | 138.86216 -20.52147; 138.86206 -20.52152; 138.86169 -20.5213; 138.86178 -20.52125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.046161 |
| Mingera Creek   | 5 |      | 1.3.6  | 138.8628 -20.52183; 138.86271 -20.52188; 138.86206 -20.52152; 138.86216 -20.52147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.078293 |
| Mingera Creek   | 5 |      | 1.3.6  | 138.86451 -20.52289; 138.86456 -20.52286; 138.86461 -20.52284; 138.86481 -20.52294; 138.86481 -20.52294; 138.8653 -20.52322; 138.86527 -20.52326; 138.86525 -20.52329; 138.86476 -20.52302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.086399 |
| Mingera Creek   | 5 |      | 1.3.7  | 138.86461 -20.52284; 138.86456 -20.52286; 138.86451 -20.52289; 138.86389 -20.52255; 138.86389 -20.52255; 138.86271 -20.52188; 138.8628 -20.52183; 138.86394 -20.52247                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.219128 |
| Templeton River | 2 | 0.07 | 1.5.6  | 139.33406 -20.78016; 139.33406 -20.78016; 139.334 -20.78015; 139.33396 -20.78014; 139.33396 -20.78013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.000466 |

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|                 |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|-----------------|---|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Templeton River | 2 |      | 1.3.6x1a | 139.33406 -20.78016; 139.33396 -20.78013; 139.33413 -20.77958; 139.33413 -20.77955; 139.33423 -20.77956; 139.33422 -20.7796; 139.33422 -20.77961                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.067964 |
| Templeton River | 2 | 0.24 | 1.5.6x2  | 139.3587 -20.78674; 139.35866 -20.7868; 139.35831 -20.78662; 139.35814 -20.78659; 139.35817 -20.78655; 139.35817 -20.78654; 139.35819 -20.78651; 139.35833 -20.78653; 139.35834 -20.78653; 139.35834 -20.78653; 139.35834 -20.78653; 139.35835 -20.78653; 139.35835 -20.78654; 139.35871 -20.78672; 139.35871 -20.78672; 139.3587 -20.78673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.059614 |
| Templeton River | 2 |      | 1.5.6    | 139.34142 -20.78464; 139.34148 -20.78466; 139.34158 -20.78465; 139.34159 -20.78465; 139.34164 -20.78467; 139.34204 -20.78477; 139.34206 -20.78478; 139.34214 -20.78486; 139.34207 -20.78486; 139.34206 -20.78486; 139.34206 -20.78486; 139.34205 -20.78486; 139.34205 -20.78486; 139.34161 -20.78476; 139.34161 -20.78476; 139.34161 -20.78476; 139.34134 -20.78464; 139.34134 -20.78464; 139.34134 -20.78464; 139.34112 -20.78451; 139.34111 -20.78451; 139.34125 -20.78456; 139.34127 -20.78457                                                                                                                                                                                                                                                                                                                                                             | 0.076351 |
| Templeton River | 2 |      | 1.5.6    | 139.33991 -20.78387; 139.34008 -20.78398; 139.34008 -20.78398; 139.34008 -20.78398; 139.34023 -20.7841; 139.34028 -20.78411; 139.34033 -20.78416; 139.3405 -20.78426; 139.34051 -20.78427; 139.34053 -20.78428; 139.34019 -20.78418; 139.34019 -20.78418; 139.34018 -20.78418; 139.34018 -20.78418; 139.34018 -20.78417; 139.34017 -20.78417; 139.34017 -20.78417; 139.34002 -20.78405; 139.33987 -20.78395; 139.33976 -20.78396; 139.33965 -20.78402; 139.33964 -20.78402; 139.3395 -20.78408; 139.33948 -20.78404; 139.33947 -20.78401; 139.33947 -20.784; 139.3396 -20.78394; 139.33972 -20.78388; 139.33972 -20.78387; 139.33973 -20.78387; 139.33973 -20.78387; 139.33974 -20.78387; 139.33988 -20.78386; 139.33988 -20.78386; 139.33988 -20.78386; 139.33989 -20.78386; 139.33989 -20.78386; 139.3399 -20.78386; 139.3399 -20.78387; 139.3399 -20.78387 | 0.107108 |
| Templeton River | 2 | 0.07 | 1.5.4    | 139.40702 -20.7532; 139.40705 -20.75319; 139.40711 -20.75316; 139.40711 -20.75321; 139.40708 -20.75323; 139.40708 -20.75324; 139.40707 -20.75324; 139.40705 -20.75325; 139.40704 -20.75326; 139.40704 -20.75326; 139.40701 -20.75328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.007105 |
| Templeton River | 2 |      | 1.5.4    | 139.40713 -20.75272; 139.40704 -20.75271; 139.40704 -20.75261; 139.40711 -20.75259; 139.40711 -20.75259; 139.40713 -20.75259; 139.40714 -20.75259                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.013112 |
| Templeton River | 2 |      | 1.3.6x1b | 139.40711 -20.75316; 139.40705 -20.75319; 139.40702 -20.7532; 139.40704 -20.75271; 139.40713 -20.75272                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.051869 |
| Templeton River | 3 | 0.06 | 1.3.6x1c | 139.33559 -20.72499; 139.33551 -20.72504; 139.33533 -20.72483; 139.33543 -20.7248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.028505 |
| Templeton River | 3 |      | 1.5.6    | 139.33551 -20.72504; 139.33559 -20.72499; 139.33565 -20.72506; 139.33565 -20.72506; 139.33566 -20.72507; 139.33566 -20.72507; 139.33575 -20.72527; 139.33566 -20.72531; 139.33557 -20.72511                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.034754 |

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|                 |   |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|-----------------|---|------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Templeton River | 3 | 0.44 | non-rem   | 139.38791 -20.78178; 139.38785 -20.78178; 139.38783 -20.78178; 139.3878 -20.78177; 139.38786 -20.78169; 139.38788 -20.78165; 139.38793 -20.78163; 139.38801 -20.7816; 139.38795 -20.78173; 139.38794 -20.78174; 139.38794 -20.78174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.019384 |
| Templeton River | 3 |      | 1.5.6     | 139.37168 -20.78776; 139.3716 -20.78784; 139.37153 -20.78782; 139.37113 -20.78775; 139.37117 -20.78772; 139.37121 -20.78768; 139.37121 -20.78768; 139.37154 -20.78773; 139.37155 -20.78773                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.049523 |
| Templeton River | 3 |      | 1.12.1    | 139.37322 -20.78755; 139.37319 -20.78746; 139.37325 -20.78744; 139.37325 -20.78744; 139.37326 -20.78744; 139.37326 -20.78744; 139.37326 -20.78744; 139.37327 -20.78744; 139.37327 -20.78744; 139.37327 -20.78744; 139.37342 -20.78747; 139.37343 -20.78747; 139.37343 -20.78747; 139.37343 -20.78747; 139.37344 -20.78748; 139.37344 -20.78748; 139.37359 -20.78757; 139.37371 -20.78762; 139.37373 -20.78766; 139.37373 -20.78767; 139.37374 -20.78768; 139.37375 -20.78771; 139.3737 -20.78771; 139.3737 -20.78771; 139.3737 -20.78771; 139.3737 -20.78771; 139.37369 -20.78771; 139.37369 -20.78771; 139.37368 -20.78771; 139.37355 -20.78765; 139.37354 -20.78765; 139.37354 -20.78764; 139.37339 -20.78756; 139.37327 -20.78753                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.060178 |
| Templeton River | 3 |      | 1.11.3x1b | 139.38791 -20.78178; 139.38767 -20.78209; 139.38767 -20.78209; 139.38767 -20.7821; 139.38733 -20.78244; 139.38733 -20.78244; 139.38703 -20.78272; 139.38695 -20.78268; 139.38694 -20.78268; 139.38726 -20.78238; 139.3876 -20.78204; 139.3878 -20.78177; 139.38783 -20.78178; 139.38785 -20.78178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.136488 |
| Templeton River | 3 |      | 1.5.4     | 139.37322 -20.78755; 139.37304 -20.78761; 139.37303 -20.78762; 139.37303 -20.78763; 139.37302 -20.78763; 139.37302 -20.78763; 139.37288 -20.78779; 139.37288 -20.78779; 139.37288 -20.7878; 139.37287 -20.7878; 139.37286 -20.78781; 139.37286 -20.78781; 139.37285 -20.78781; 139.37285 -20.78781; 139.37285 -20.78781; 139.37284 -20.78781; 139.37284 -20.78781; 139.37266 -20.78783; 139.37265 -20.78783; 139.37265 -20.78783; 139.37262 -20.78783; 139.37262 -20.78783; 139.37262 -20.78783; 139.37261 -20.78783; 139.37261 -20.78783; 139.37242 -20.78776; 139.37229 -20.78776; 139.37213 -20.78784; 139.37213 -20.78784; 139.37213 -20.78784; 139.37212 -20.78785; 139.37212 -20.78785; 139.37212 -20.78785; 139.3718 -20.78788; 139.3718 -20.78788; 139.37179 -20.78788; 139.37179 -20.78788; 139.37179 -20.78788; 139.3716 -20.78784; 139.37168 -20.78776; 139.3718 -20.78779; 139.37209 -20.78776; 139.37225 -20.78767; 139.37225 -20.78767; 139.37226 -20.78767; 139.37226 -20.78767; 139.37226 -20.78767; 139.37227 -20.78767; 139.37227 -20.78767; 139.37228 -20.78767; 139.37243 -20.78767; 139.37243 -20.78767; 139.37244 -20.78767; 139.37244 -20.78767; 139.37245 -20.78767; 139.37245 -20.78767; 139.37257 -20.78772; 139.37262 -20.7878; 139.3726 -20.78773; 139.37264 -20.78774; 139.37265 -20.78774; 139.37281 -20.78773; 139.37294 -20.78758; 139.37296 -20.78756; 139.37296 -20.78755; 139.37296 -20.78755; 139.37296 -20.78755; 139.37296 -20.78754; 139.37297 -20.78754; 139.37298 -20.78753; 139.37298 -20.78753; 139.37298 -20.78753; 139.37299 -20.78753; 139.37299 -20.78753; 139.37299 -20.78752; 139.37299 -20.78752; 139.37319 -20.78746 | 0.178444 |
| Templeton River | 3 | 0.14 | 1.3.6x1c  | 139.38594 -20.74176; 139.38582 -20.74175; 139.38579 -20.7417; 139.38579 -20.7417; 139.38578 -20.7417; 139.38578 -20.74169; 139.38578 -20.74169; 139.38578 -20.74169; 139.38578 -20.74168; 139.38578 -20.74168; 139.38578 -20.74148; 139.38578 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.034063 |

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|                 |   |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|-----------------|---|------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                 |   |      |           | 20.74148; 139.38587 -20.74144; 139.38587 -20.74145; 139.38587 -20.74145; 139.38587 -20.74145; 139.38587 -20.74146;<br>139.38588 -20.74166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| Templeton River | 3 |      | 1.3.6x1c  | 139.38624 -20.74229; 139.38624 -20.74229; 139.38624 -20.74229; 139.38624 -20.7423; 139.38624 -20.7423; 139.38627 -20.74267;<br>139.38618 -20.74267; 139.38614 -20.74232; 139.3861 -20.74221; 139.38621 -20.7423                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.045542 |
| Templeton River | 3 |      | 1.3.7     | 139.38594 -20.74176; 139.38609 -20.74198; 139.3861 -20.74199; 139.3861 -20.74199; 139.38624 -20.74229; 139.38624 -20.74229;<br>139.38621 -20.7423; 139.3861 -20.74221; 139.38601 -20.74203; 139.38582 -20.74175                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.064234 |
| Templeton River | 3 | 0.13 | 1.11.3x1b | 139.40324 -20.7906; 139.40314 -20.7906; 139.40334 -20.78948; 139.40337 -20.78948; 139.4034 -20.78947; 139.40343 -20.78946;<br>139.40344 -20.78946                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.126861 |
| Templeton River | 3 | 0.12 | 1.3./     | 139.16756 -20.7182; 139.16736 -20.71834; 139.16736 -20.71834; 139.1673 -20.71838; 139.16726 -20.7183; 139.1673 -20.71827;<br>139.16752 -20.71811                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.034097 |
| Templeton River | 3 |      | 1.3.6     | 139.1673 -20.71838; 139.16696 -20.71857; 139.16695 -20.71854; 139.16695 -20.71854; 139.16693 -20.71849; 139.16726 -20.7183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.040396 |
| Templeton River | 3 |      | 1.3.6     | 139.16756 -20.7182; 139.16752 -20.71811; 139.16752 -20.71811; 139.16752 -20.71811; 139.16752 -20.71811; 139.16752 -20.7181;<br>139.16753 -20.7181; 139.16753 -20.7181; 139.16753 -20.71809; 139.16771 -20.71795; 139.16782 -20.7178; 139.16783 -20.71782;<br>139.16785 -20.71784; 139.16786 -20.71787; 139.16787 -20.71788; 139.16779 -20.718; 139.16779 -20.718; 139.16779 -20.71801;<br>139.16778 -20.71801; 139.16778 -20.71801; 139.16761 -20.71815; 139.16761 -20.71815; 139.16761 -20.71816; 139.16761 -<br>20.71816; 139.1676 -20.71816; 139.1676 -20.71817; 139.1676 -20.71817; 139.16759 -20.71817; 139.16759 -20.71817 | 0.047841 |
| Templeton River | 5 | 0.51 | 1.3.6     | 138.93134 -20.70504; 138.93124 -20.70504; 138.9312 -20.70432; 138.93124 -20.70432; 138.93129 -20.70433; 138.9313 -20.70434                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.079074 |
| Templeton River | 5 |      | 1.3./     | 138.9314 -20.70803; 138.9315 -20.70803; 138.93154 -20.70875; 138.93155 -20.7089; 138.93145 -20.70889; 138.93145 -20.70889;<br>138.93144 -20.70876                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.096738 |
| Templeton River | 5 |      | 1.3.7     | 138.9315 -20.70803; 138.9314 -20.70803; 138.93124 -20.70504; 138.93134 -20.70504                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.331116 |
| Templeton River | 5 | 1.25 | 1.3.4     | 139.17919 -20.67254; 139.17929 -20.67241; 139.17929 -20.67244; 139.17929 -20.67244; 139.17928 -20.67262; 139.17927 -<br>20.67264; 139.17922 -20.67268; 139.17918 -20.6727                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.020868 |
| Templeton River | 5 |      | 1.3./     | 139.18013 -20.66492; 139.18003 -20.66493; 139.18008 -20.66477; 139.1801 -20.66461; 139.1802 -20.66461; 139.18018 -20.66479;<br>139.18018 -20.66479; 139.18018 -20.66479; 139.18017 -20.66479                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.035347 |

|                 |   |  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
|-----------------|---|--|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Templeton River | 5 |  | 1.3.6x1d | 139.17631 -20.69545; 139.17627 -20.69547; 139.17622 -20.6955; 139.17622 -20.69529; 139.17619 -20.6949; 139.17623 -20.69488; 139.17628 -20.69485; 139.17631 -20.69529; 139.17631 -20.69529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.066489 |
| Templeton River | 5 |  | 1.3.7    | 139.18264 -20.66225; 139.18263 -20.66225; 139.18262 -20.66225; 139.18255 -20.66222; 139.18259 -20.66208; 139.18274 - 20.66149; 139.18275 -20.66147; 139.18275 -20.66147; 139.18275 -20.66146; 139.18275 -20.66146; 139.18275 -20.66146; 139.18276 -20.66145; 139.18276 -20.66145; 139.18276 -20.66145; 139.18276 -20.66145; 139.18277 -20.66144; 139.18277 - 20.66144; 139.18278 -20.66144; 139.18278 -20.66144; 139.18278 -20.66144; 139.18279 -20.66144; 139.18279 -20.66144; 139.1828 -20.66144; 139.1828 -20.66144; 139.1828 -20.66144; 139.18281 -20.66144; 139.18281 -20.66144; 139.18282 -20.66144; 139.18282 - 20.66145; 139.18282 -20.66145; 139.18283 -20.66145; 139.18283 -20.66145; 139.18283 -20.66146; 139.18283 -20.66146; 139.18284 -20.66146; 139.18284 -20.66147; 139.18284 -20.66147; 139.18284 -20.66148; 139.18284 -20.66148; 139.18284 - 20.66148; 139.18284 -20.66149; 139.18284 -20.66149; 139.18284 -20.66149; 139.18283 -20.66151; 139.18268 -20.6621; 139.18268 -20.66211 | 0.089867 |
| Templeton River | 5 |  | 1.3.6a   | 139.18262 -20.66225; 139.18263 -20.66225; 139.18264 -20.66225; 139.18257 -20.66248; 139.18257 -20.66249; 139.18257 - 20.66249; 139.18257 -20.66249; 139.18257 -20.6625; 139.18256 -20.6625; 139.18222 -20.6629; 139.18222 -20.6629; 139.18222 - 20.66291; 139.18222 -20.66291; 139.18221 -20.66291; 139.18221 -20.66291; 139.18215 -20.66295; 139.18204 -20.66292; 139.18202 -20.66292; 139.18215 -20.66284; 139.18248 -20.66245; 139.18255 -20.66222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.095909 |
| Templeton River | 5 |  | 1.3.6x1c | 139.17627 -20.69657; 139.17624 -20.69675; 139.17624 -20.69678; 139.17624 -20.69679; 139.17622 -20.697; 139.17622 -20.69701; 139.17622 -20.69701; 139.17622 -20.69701; 139.17622 -20.69702; 139.17621 -20.69702; 139.17621 - 20.69703; 139.17621 -20.69703; 139.17607 -20.69716; 139.17591 -20.6974; 139.17579 -20.69741; 139.17599 -20.69711; 139.176 - 20.6971; 139.176 -20.6971; 139.17613 -20.69698; 139.17614 -20.69678; 139.17614 -20.69674; 139.17614 -20.69674; 139.17615 - 20.69673; 139.17618 -20.69657                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.103821 |
| Templeton River | 5 |  | 1.3.6a   | 139.18003 -20.66493; 139.18013 -20.66492; 139.18003 -20.66521; 139.18003 -20.66522; 139.18003 -20.66522; 139.17982 - 20.66567; 139.17977 -20.66582; 139.17976 -20.66582; 139.17964 -20.66587; 139.17973 -20.66563; 139.17973 -20.66563; 139.17974 -20.66563; 139.17994 -20.66518                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.109316 |
| Templeton River | 5 |  | 1.3.6a   | 139.1802 -20.66461; 139.1801 -20.66461; 139.18015 -20.66423; 139.18015 -20.66423; 139.18015 -20.66423; 139.18015 -20.66422; 139.18015 -20.66422; 139.18015 -20.66422; 139.18015 -20.66421; 139.18016 -20.66421; 139.18016 -20.66421; 139.1804 -20.66395; 139.1804 -20.66395; 139.1804 -20.66395; 139.18041 -20.66395; 139.18068 -20.66375; 139.18082 -20.66376; 139.18083 -20.66376; 139.18047 -20.66401; 139.18024 -20.66426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.12145  |
| Templeton River | 5 |  | 1.3.7    | 139.17627 -20.69656; 139.17627 -20.69657; 139.17618 -20.69657; 139.17618 -20.69656; 139.17618 -20.69653; 139.17621 - 20.69568; 139.17621 -20.69568; 139.17621 -20.69568; 139.17621 -20.69567; 139.17621 -20.69567; 139.17621 -20.69567;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.121809 |

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|                 |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|-----------------|---|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                 |   |      |          | 139.17622 -20.69567; 139.17622 -20.6955; 139.17627 -20.69547; 139.17631 -20.69545; 139.17631 -20.69568; 139.17631 -20.69569; 139.17631 -20.69569; 139.17631 -20.69569; 139.17631 -20.6957; 139.17631 -20.6957; 139.17631 -20.6957; 139.17628 -20.69654; 139.17628 -20.69655                                                                                                                                                                                                                                                                                                                                                                                             |          |
| Templeton River | 5 |      | 1.3.7    | 139.17944 -20.67084; 139.17941 -20.67087; 139.17937 -20.67094; 139.17925 -20.67062; 139.17911 -20.67031; 139.17896 -20.67009; 139.17896 -20.67008; 139.17883 -20.66989; 139.17883 -20.66988; 139.17882 -20.66988; 139.17882 -20.66987; 139.17882 -20.66987; 139.17882 -20.66987; 139.17882 -20.66986; 139.17882 -20.66986; 139.17881 -20.66986; 139.17881 -20.66985; 139.17881 -20.66985; 139.17881 -20.66985; 139.17881 -20.66978; 139.17891 -20.66966; 139.17891 -20.66983; 139.17891 -20.66983; 139.17891 -20.66984; 139.17904 -20.67004; 139.17919 -20.67026; 139.1792 -20.67027; 139.1792 -20.67027; 139.17934 -20.67058; 139.17934 -20.67058; 139.17934 -20.67059 | 0.142936 |
| Templeton River | 5 |      | 1.3.6a   | 139.17891 -20.66966; 139.17881 -20.66978; 139.17882 -20.66951; 139.17882 -20.6695; 139.17882 -20.6695; 139.17893 -20.66883; 139.17893 -20.66883; 139.17893 -20.66883; 139.17893 -20.66883; 139.17894 -20.66882; 139.17894 -20.66882; 139.17894 -20.66882; 139.17894 -20.66881; 139.17894 -20.66881; 139.17894 -20.66881; 139.17898 -20.66839; 139.17909 -20.66825; 139.17904 -20.66884; 139.17904 -20.66884; 139.17904 -20.66884; 139.17904 -20.66885; 139.17903 -20.66885; 139.17903 -20.66885; 139.17903 -20.66886; 139.17903 -20.66886; 139.17902 -20.66886; 139.17902 -20.66886; 139.17902 -20.66886; 139.17892 -20.66951                                           | 0.156752 |
| Templeton River | 5 |      | 1.3.6a   | 139.17929 -20.67241; 139.17919 -20.67254; 139.17919 -20.67244; 139.17919 -20.6724; 139.17919 -20.6724; 139.17919 -20.6724; 139.17919 -20.67239; 139.17919 -20.67239; 139.17919 -20.67239; 139.17938 -20.67185; 139.17948 -20.67128; 139.17949 -20.67125; 139.17939 -20.67101; 139.17939 -20.67101; 139.17937 -20.67094; 139.17941 -20.67087; 139.17944 -20.67084; 139.17948 -20.67098; 139.17958 -20.67123; 139.17958 -20.67123; 139.17958 -20.67124; 139.17958 -20.67124; 139.17958 -20.67125; 139.17958 -20.67125; 139.17958 -20.67129; 139.17958 -20.67129; 139.17958 -20.67129; 139.17947 -20.67187; 139.17947 -20.67188; 139.17947 -20.67188; 139.17929 -20.67241  | 0.182138 |
| Templeton River | 5 | 0.25 | 1.3.6x1c | 139.33543 -20.7248; 139.33533 -20.72483; 139.33527 -20.72475; 139.33505 -20.72461; 139.33519 -20.72459; 139.33533 -20.72468; 139.33533 -20.72468; 139.33533 -20.72469; 139.33534 -20.72469; 139.33534 -20.72469                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.036609 |
| Templeton River | 5 |      | 1.3.7    | 139.33459 -20.72419; 139.33449 -20.72422; 139.3343 -20.72402; 139.3343 -20.72402; 139.3343 -20.72402; 139.3343 -20.72402; 139.33421 -20.72387; 139.33426 -20.72387; 139.3343 -20.72384; 139.33438 -20.72397                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.04843  |
| Templeton River | 5 |      | 1.3.6x1c | 139.33519 -20.72459; 139.33505 -20.72461; 139.33482 -20.72446; 139.33454 -20.72428; 139.33454 -20.72427; 139.33454 -20.72427; 139.33454 -20.72427; 139.33449 -20.72422; 139.33459 -20.72419; 139.3346 -20.72421; 139.33488 -20.72438; 139.33488 -20.72438                                                                                                                                                                                                                                                                                                                                                                                                               | 0.074511 |

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|                 |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|-----------------|---|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Templeton River | 5 |      | 1.3.6x1d | 139.3343 -20.72384; 139.33426 -20.72387; 139.33421 -20.72387; 139.33398 -20.7235; 139.33374 -20.72316; 139.3338 -20.72314; 139.33384 -20.72312; 139.33406 -20.72345; 139.33407 -20.72345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.093655 |
| Templeton River | 5 | 0.29 | 1.3.6x1d | 139.33604 -20.72234; 139.33599 -20.72235; 139.33602 -20.72234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.00025  |
| Templeton River | 5 |      | 1.3.6x1d | 139.33604 -20.72234; 139.33602 -20.72234; 139.33624 -20.72226; 139.3363 -20.72223; 139.3373 -20.72215; 139.33731 -20.72215; 139.33731 -20.72215; 139.33781 -20.72217; 139.33862 -20.72211; 139.33865 -20.72211; 139.33866 -20.72211; 139.33872 -20.72213; 139.33878 -20.72215; 139.33881 -20.72215; 139.33916 -20.72228; 139.33868 -20.72219; 139.33782 -20.72226; 139.33781 -20.72226; 139.33781 -20.72226; 139.33731 -20.72224; 139.33607 -20.72234; 139.33607 -20.72234                                                                                                                                                                                                    | 0.286668 |
| Templeton River | 5 | 1.45 | 1.3.1    | 139.10662 -20.71404; 139.10659 -20.71405; 139.10661 -20.714; 139.10663 -20.71394; 139.10665 -20.71385; 139.10665 -20.71384; 139.10667 -20.7138; 139.1067 -20.71388; 139.1067 -20.71388; 139.1067 -20.71389; 139.1067 -20.71389; 139.1067 -20.71389; 139.1067 -20.7139; 139.1067 -20.7139; 139.1067 -20.71391; 139.1067 -20.71391; 139.1067 -20.71391; 139.1067 -20.71391; 139.1067 -20.71391; 139.10669 -20.71391; 139.10666 -20.71401; 139.10666 -20.71402; 139.10665 -20.71402; 139.10665 -20.71402; 139.10665 -20.71403; 139.10665 -20.71403; 139.10665 -20.71403; 139.10664 -20.71403; 139.10664 -20.71404; 139.10664 -20.71404; 139.10663 -20.71404; 139.10663 -20.71404 | 0.01262  |
| Templeton River | 5 |      | 1.3.7    | 139.10196 -20.70941; 139.10187 -20.70944; 139.10184 -20.70938; 139.10162 -20.70896; 139.10171 -20.70892; 139.10193 -20.70935; 139.10193 -20.70935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.05939  |
| Templeton River | 5 |      | 1.3.6a   | 139.10319 -20.71162; 139.10309 -20.71163; 139.10291 -20.71132; 139.1027 -20.71095; 139.10271 -20.71094; 139.10272 -20.71094; 139.10278 -20.71092; 139.10279 -20.71092; 139.103 -20.71128; 139.103 -20.71128                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.087005 |
| Templeton River | 5 |      | 1.3.6a   | 139.10187 -20.70944; 139.10196 -20.70941; 139.10222 -20.70999; 139.10233 -20.71017; 139.1023 -20.71018; 139.10226 -20.7102; 139.10224 -20.71021; 139.10213 -20.71003; 139.10213 -20.71003; 139.10213 -20.71003                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.093418 |
| Templeton River | 5 |      | 1.3.6x1d | 139.10046 -20.70617; 139.10037 -20.70619; 139.10036 -20.70619; 139.10033 -20.70615; 139.10009 -20.70599; 139.10009 -20.70599; 139.09976 -20.70575; 139.09975 -20.70575; 139.09975 -20.70575; 139.09975 -20.70575; 139.09965 -20.70566; 139.09976 -20.70563; 139.09982 -20.70568; 139.10014 -20.70592; 139.10039 -20.70608; 139.1004 -20.70609; 139.1004 -20.70609; 139.1004 -20.70609; 139.1004 -20.70609; 139.10041 -20.70609; 139.10041 -20.7061                                                                                                                                                                                                                            | 0.094459 |
| Templeton River | 5 |      | 1.3.7    | 139.10355 -20.71242; 139.10345 -20.71245; 139.10331 -20.71229; 139.10331 -20.71229; 139.10331 -20.71229; 139.10331 -20.71229; 139.1033 -20.71228; 139.1033 -20.71228; 139.1033 -20.71228; 139.10314 -20.71172; 139.10314 -20.71172; 139.10314 -20.71172; 139.10309 -20.71163;                                                                                                                                                                                                                                                                                                                                                                                                 | 0.098909 |

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|                 |   |  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
|-----------------|---|--|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                 |   |  |          | 139.10319 -20.71162; 139.10322 -20.71168; 139.10323 -20.71169; 139.10323 -20.71169; 139.10323 -20.71169; 139.10323 -20.7117; 139.10323 -20.7117; 139.10323 -20.7117; 139.10339 -20.71224                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Templeton River | 5 |  | 1.3.7    | 139.10664 -20.71368; 139.10656 -20.71373; 139.10654 -20.71365; 139.10653 -20.71365; 139.10653 -20.71365; 139.10644 -20.71305; 139.10644 -20.71305; 139.10644 -20.71303; 139.10644 -20.71301; 139.10643 -20.71281; 139.10652 -20.71277; 139.10654 -20.713; 139.10654 -20.71301; 139.10654 -20.71303; 139.10654 -20.71304; 139.10663 -20.71363                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.102824 |
| Templeton River | 5 |  | 1.3.7    | 139.10104 -20.70736; 139.101 -20.70737; 139.10077 -20.7068; 139.10076 -20.70678; 139.10036 -20.7062; 139.10036 -20.70619; 139.10037 -20.70619; 139.10046 -20.70617; 139.10046 -20.70618; 139.10085 -20.70674; 139.10085 -20.70674; 139.10085 -20.70674; 139.10086 -20.70676; 139.10086 -20.70676; 139.10109 -20.70735                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.147408 |
| Templeton River | 5 |  | 1.3.6a   | 139.10171 -20.70892; 139.10162 -20.70896; 139.10148 -20.70868; 139.10148 -20.70868; 139.10126 -20.70824; 139.10126 -20.70823; 139.10126 -20.70823; 139.10126 -20.70822; 139.10126 -20.70822; 139.10126 -20.70822; 139.10126 -20.70821; 139.10103 -20.70744; 139.10103 -20.70744; 139.10102 -20.70743; 139.10102 -20.70743; 139.10102 -20.70743; 139.10102 -20.70742; 139.101 -20.70737; 139.10104 -20.70736; 139.10109 -20.70735; 139.1011 -20.70738; 139.10111 -20.70739; 139.10111 -20.70739; 139.10111 -20.70739; 139.10111 -20.70739; 139.10111 -20.7074; 139.10112 -20.7074; 139.10112 -20.7074; 139.10135 -20.70819; 139.10135 -20.7082; 139.10135 -20.7082; 139.10135 -20.7082; 139.10135 -20.70821; 139.10156 -20.70864                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.187541 |
| Templeton River | 5 |  | 1.5.4x1a | 139.1064 -20.7141; 139.10502 -20.71455; 139.10501 -20.71454; 139.105 -20.71454; 139.10494 -20.71453; 139.10488 -20.71451; 139.10486 -20.7145; 139.10637 -20.71402; 139.10638 -20.71401; 139.10657 -20.71396; 139.1066 -20.71389; 139.10656 -20.71373; 139.10664 -20.71368; 139.10667 -20.7138; 139.10665 -20.71384; 139.10665 -20.71385; 139.10663 -20.71394; 139.10661 -20.714; 139.10659 -20.71405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.204726 |
| Templeton River | 5 |  | 1.3.6a   | 139.10652 -20.71277; 139.10643 -20.71281; 139.1064 -20.71249; 139.10633 -20.7124; 139.10615 -20.71242; 139.1059 -20.71249; 139.10589 -20.71249; 139.10589 -20.71249; 139.10548 -20.71256; 139.10513 -20.71264; 139.10513 -20.71264; 139.10454 -20.71275; 139.10454 -20.71275; 139.10454 -20.71275; 139.10401 -20.71281; 139.104 -20.71281; 139.104 -20.71281; 139.10399 -20.71281; 139.10399 -20.71281; 139.10399 -20.71281; 139.10398 -20.71281; 139.10361 -20.71264; 139.10361 -20.71264; 139.10361 -20.71264; 139.1036 -20.71263; 139.1036 -20.71263; 139.1036 -20.71263; 139.10359 -20.71263; 139.10359 -20.71262; 139.10359 -20.71262; 139.10359 -20.71262; 139.10359 -20.71261; 139.10345 -20.71245; 139.10355 -20.71242; 139.10366 -20.71256; 139.10367 -20.71256; 139.10367 -20.71256; 139.10367 -20.71257; 139.10401 -20.71272; 139.10453 -20.71266; 139.10511 -20.71255; 139.10546 -20.71247; 139.10546 -20.71247; 139.10546 -20.71247; 139.10587 -20.71241; 139.10613 -20.71233; 139.10613 -20.71233; 139.10614 -20.71233; 139.10635 -20.71231; 139.10635 -20.71231; 139.10636 -20.71231; 139.10636 -20.71231; 139.10637 -20.71231; 139.10637 -20.71231; 139.10637 -20.71232; 139.10638 -20.71232; 139.10638 -20.71232; 139.10638 -20.71232; 139.10639 -20.71232; 139.10639 -20.71233; 139.10639 -20.71233; 139.10649 -20.71244; | 0.366452 |

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|                 |   |      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
|-----------------|---|------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                 |   |      |        | 139.10649 -20.71244; 139.10649 -20.71245; 139.10649 -20.71245; 139.1065 -20.71245; 139.1065 -20.71246; 139.1065 -20.71246;<br>139.1065 -20.71247                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Templeton River | 5 | 0.83 | 4.3.10 | 138.71753 -20.73561; 138.71743 -20.73562; 138.71741 -20.73543; 138.71751 -20.73543                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.020744 |
| Templeton River | 5 |      | 4.3.10 | 138.71958 -20.74084; 138.71948 -20.74083; 138.71927 -20.74026; 138.71927 -20.74025; 138.71924 -20.74013; 138.71933 -<br>20.74011; 138.71936 -20.74023                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.083099 |
| Templeton River | 5 |      | 4.3.10 | 138.71883 -20.73855; 138.71893 -20.73855; 138.7191 -20.73918; 138.7191 -20.73918; 138.71924 -20.73974; 138.71913 -20.73969;<br>138.719 -20.7392                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.132262 |
| Templeton River | 5 |      | 4.3.1  | 138.72046 -20.74266; 138.72044 -20.74267; 138.72032 -20.74255; 138.72031 -20.74254; 138.72031 -20.74254; 138.72031 -<br>20.74254; 138.72031 -20.74254; 138.71978 -20.74165; 138.71978 -20.74165; 138.71977 -20.74164; 138.71977 -20.74164;<br>138.71948 -20.74083; 138.71958 -20.74084; 138.71986 -20.74161; 138.72039 -20.74249; 138.72054 -20.74263; 138.72056 -<br>20.74265; 138.72055 -20.74265                                                                                                                                                                                                                                 | 0.22755  |
| Templeton River | 5 |      | 4.3.1  | 138.71893 -20.73855; 138.71883 -20.73855; 138.71871 -20.7381; 138.71871 -20.73809; 138.71871 -20.73809; 138.71871 -20.73808;<br>138.71832 -20.73716; 138.71782 -20.73651; 138.71782 -20.73651; 138.71747 -20.73594; 138.71747 -20.73594; 138.71747 -<br>20.73594; 138.71747 -20.73593; 138.71747 -20.73593; 138.71747 -20.73592; 138.71743 -20.73562; 138.71753 -20.73561;<br>138.71756 -20.73591; 138.7179 -20.73646; 138.7184 -20.73711; 138.71841 -20.73712; 138.71841 -20.73712; 138.71841 -20.73712;<br>138.7188 -20.73805; 138.7188 -20.73805; 138.7188 -20.73806; 138.7188 -20.73806; 138.7188 -20.73807; 138.7188 -20.73808 | 0.361397 |
| Yaringa Creek   | 3 | 1.04 | 1.3.6  | 139.32241 -20.79559; 139.3224 -20.79559; 139.32234 -20.79555; 139.32253 -20.79556; 139.32253 -20.79556; 139.32254 -20.79556;<br>139.3225 -20.79557; 139.32244 -20.79559                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.004873 |
| Yaringa Creek   | 3 |      | 1.3.7  | 139.31714 -20.79244; 139.31717 -20.79249; 139.31743 -20.79268; 139.31747 -20.79269; 139.31734 -20.79269; 139.3173 -20.79269;<br>139.31711 -20.79255; 139.31711 -20.79255; 139.3171 -20.79255; 139.3171 -20.79255; 139.3171 -20.79254; 139.31702 -20.79243;<br>139.31712 -20.79244                                                                                                                                                                                                                                                                                                                                                   | 0.041935 |
| Yaringa Creek   | 3 |      | 1.5.6  | 139.32435 -20.79529; 139.32425 -20.79524; 139.32455 -20.79505; 139.3246 -20.795; 139.32468 -20.79505; 139.32462 -20.79511;<br>139.32461 -20.79512; 139.32461 -20.79512; 139.32461 -20.79512                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.044927 |
| Yaringa Creek   | 3 |      | 1.5.6  | 139.30292 -20.79355; 139.30295 -20.79359; 139.30298 -20.79364; 139.30251 -20.79363; 139.30248 -20.79354                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.047408 |

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|               |   |      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|---------------|---|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Yaringa Creek | 3 |      | 1.5.6    | 139.32389 -20.7955; <del>139.32389 -20.7955</del> ; 139.32356 -20.79558; 139.32345 -20.7956; 139.32342 -20.79558; 139.32333 -20.79553; 139.32353 -20.7955; <del>139.32353 -20.7955</del>                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.04924  |
| Yaringa Creek | 3 |      | 1.3.7    | 139.32435 -20.79529; 139.32411 -20.79544; 139.3241 -20.79544; 139.3241 -20.79544; 139.3241 -20.79544; 139.32409 -20.79544; 139.32389 -20.7955; 139.32381 -20.79542; 139.32406 -20.79536; 139.32425 -20.79524                                                                                                                                                                                                                                                                                                                                                                                              | 0.051923 |
| Yaringa Creek | 3 |      | 1.5.6    | 139.30507 -20.79384; 139.305 -20.79378; 139.30497 -20.79373; 139.30543 -20.79381; 139.30554 -20.79381; 139.30556 -20.79383; 139.30557 -20.79386; 139.3056 -20.7939; 139.30542 -20.7939; 139.30542 -20.7939; 139.30542 -20.7939                                                                                                                                                                                                                                                                                                                                                                            | 0.058926 |
| Yaringa Creek | 3 |      | 1.11.2   | 139.32234 -20.79555; <del>139.32234 -20.7955</del> ; 139.32241 -20.79559; 139.32238 -20.79559; 139.32232 -20.79559; 139.32195 -20.79556; -139.32186 -20.79553; <del>139.32185 -20.79553</del> ; 139.32185 -20.79552; 139.32185 -20.79552; 139.32147 -20.79532; 139.32147 -139.32146 20.79531; 139.32147 -20.79531; 139.32128 -20.79513; 139.3212 -20.7951; 139.32108 -20.79496; 139.32133 -139.32133 -20.79505; 139.32133 <del>139.32133</del> -20.79505; 139.32134 -20.79505; 139.32134 -20.79506; 139.32134 -20.79506; -20.79544; 139.32216 139.32153 -20.79524; -20.79553                              | 0.129021 |
| Yaringa Creek | 3 |      | 1.5.4    | 139.31747 -20.79269; 139.31784 -20.79286; 139.31784 -20.79286; 139.31784 -20.79286; 139.31819 -20.79307; 139.31819 -20.79307; 139.31843 -20.79325; 139.31876 -20.79343; 139.31877 -20.79343; 139.31877 -20.79343; 139.31877 -20.79343; -139.31877 -20.79344; 139.31878 -20.79344; 139.31886 -20.79354; 139.31884 20.79352; 139.31872 -20.79346; 139.31859 -20.79344; 139.31838 -20.79332; 139.31838 -20.79332; 139.31838 -20.79332; 139.31814 -20.79314; 139.31779 -20.79294; -139.31739 -20.79276; 139.31738 -20.79276; 139.31738 -20.79275; 139.31738 20.79275; 139.3173 -20.79269; 139.31734 -20.79269 | 0.167073 |
| Yaringa Creek | 3 |      | 1.3.6x1c | 139.30497 -20.79373; 139.305 -20.79378; 139.30507 -20.79384; 139.30468 -20.79378; 139.30392 -20.79373; 139.30392 -20.79373; 139.30339 -20.79365; 139.30298 -20.79364; 139.30295 -20.79359; 139.30292 -20.79355; 139.3034 -20.79356; 139.3034 -20.79356; 139.30393 -20.79364; 139.30469 -20.79369; 139.3047 -20.79369                                                                                                                                                                                                                                                                                      | 0.216281 |
| Yaringa Creek | 3 | 0.56 | 1.5.6    | 139.31241 -20.79234; 139.31195 -20.79246; 139.3121 -20.79233; 139.31239 -20.79225; 139.31239 -20.79225; 139.31348 -139.31359 20.79204; -20.792; 139.31361 -20.79202; 139.31363 -20.79204; 139.31366 -20.79207; 139.31351 -20.79212; 139.3135 -139.31714 20.79212; -20.79244; 139.31712 -20.79244; 139.31702 -20.79243; 139.31688 -20.79225; 139.31677 -20.79212; 20.79204; 139.31668 -139.31683 -20.79204; 139.31684 -20.79205; 139.31684 -20.79205; 139.31684 -20.79206; 139.31684 -139.31696 20.79206; -20.7922; 139.31696 -20.7922                                                                     | 0.227354 |
| Yaringa Creek | 5 |      | 1.3.6    | 139.25786 -20.81064; 139.25774 -20.81066; 139.25766 -20.81069; 139.25757 -20.81063; 139.25771 -20.81057; 139.25771 -20.81057; 139.25772 -20.81057; 139.25772 -20.81057; 139.25772 -20.81057; 139.25779 -20.81056                                                                                                                                                                                                                                                                                                                                                                                          | 0.023462 |

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|               |   |      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|---------------|---|------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Yaringa Creek | 5 |      | 1.5.6x2 | 139.23578 -20.82398; 139.23554 -20.82457; 139.23554 -20.82457; 139.23554 -20.82458; 139.23553 -20.82458; 139.23553 -20.82458; 139.23552 -20.82459; 139.23552 -20.82459; 139.23552 -20.82459; 139.23551 -20.82459; 139.23551 -20.8246; 139.23551 -20.8246; 139.2355 -20.8246; 139.2355 -20.8246; 139.23549 -20.8246; 139.23549 -20.8246; 139.23549 -20.8246; 139.23549 -20.8246; 139.23548 -20.8246; 139.23548 -20.8246; 139.23547 -20.82459; 139.23547 -20.82459; 139.23547 -20.82459; 139.23546 -20.82459; 139.23546 -20.82458; 139.23546 -20.82458; 139.23545 -20.82458; 139.23545 -20.82458; 139.23545 -20.82458; 139.23545 -20.82455; 139.23545 -20.82457; 139.23545 -20.82456; 139.23545 -20.82456; 139.23545 -20.82456; 139.23545 -20.82455; 139.23545 -20.82455; 139.23545 -20.82454; 139.23545 -20.82454; 139.23545 -20.82454; 139.2357 -20.82393 | 0.075313 |
| Yaringa Creek | 5 |      | 1.5.6   | 139.23578 -20.82398; 139.2357 -20.82393; 139.23583 -20.8236; 139.23583 -20.8236; 139.23637 -20.82244; 139.23634 -20.82273; 139.23592 -20.82363                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.164236 |
| Yaringa Creek | 5 |      | 1.5.4   | 139.25766 -20.81069; 139.25755 -20.81074; 139.25717 -20.81095; 139.25717 -20.81095; 139.25717 -20.81095; 139.25632 -20.81137; 139.25535 -20.81187; 139.25533 -20.81188; 139.25526 -20.8119; 139.25519 -20.81192; 139.25489 -20.81197; 139.25512 -20.81188; 139.25628 -20.81129; 139.25628 -20.81129; 139.25713 -20.81087; 139.25751 -20.81066; 139.25751 -20.81066; 139.25751 -20.81066; 139.25757 -20.81063                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.29486/ |
| Yaringa Creek | 5 | 2.59 | 1.3.7   | 139.28765 -20.80035; 139.28794 -20.80022; 139.28794 -20.80022; 139.28769 -20.80034                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.001856 |
| Yaringa Creek | 5 |      | 1.3.7   | 139.28704 -20.80046; 139.28651 -20.80059; 139.28659 -20.80054; 139.2866 -20.80054; 139.28687 -20.80044; 139.28688 -20.80044; 139.28688 -20.80044; 139.28689 -20.80044; 139.28689 -20.80044; 139.2869 -20.80044; 139.2869 -20.80044; 139.2869 -20.80044                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.021916 |
| Yaringa Creek | 5 |      | 1.3.7   | 139.28572 -20.80117; 139.28598 -20.8009; 139.28599 -20.8009; 139.28599 -20.80089; 139.28599 -20.80089; 139.28619 -20.80075; 139.2862 -20.80075; 139.2862 -20.80075; 139.28648 -20.80061; 139.28589 -20.80105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.0461/  |
| Yaringa Creek | 5 |      | 1.3.7   | 139.2794 -20.80487; 139.27939 -20.80486; 139.27929 -20.80485; 139.27955 -20.80457; 139.27955 -20.80457; 139.27956 -20.80457; 139.27956 -20.80457; 139.27956 -20.80457; 139.27956 -20.80456; 139.27959 -20.80455; 139.27963 -20.80455; 139.27982 -20.80454; 139.27962 -20.80464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.05049  |
| Yaringa Creek | 5 |      | 1.3.7   | 139.27803 -20.80591; 139.27742 -20.80635; 139.27735 -20.80628; 139.27797 -20.80584; 139.27801 -20.8059                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.080379 |
| Yaringa Creek | 5 |      | 1.12.1  | 139.27742 -20.80635; 139.27729 -20.80644; 139.27709 -20.80667; 139.27698 -20.80692; 139.27698 -20.80692; 139.27698 -20.80692; 139.27698 -20.80692; 139.27697 -20.80693; 139.27697 -20.80693; 139.27677 -20.80712; 139.27676 -20.80712; 139.27676 -20.80712; 139.27676 -20.80713; 139.27675 -20.80713; 139.27665 -20.80717; 139.2766 -20.80709; 139.27671 -20.80705; 139.2769 -20.80687;                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.12335  |

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|               |   |  |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|---------------|---|--|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               |   |  |        | 139.27701 -20.80663; 139.27701 -20.80662; 139.27701 -20.80662; 139.27702 -20.80662; 139.27722 -20.80638; 139.27722 -20.80637; 139.27722 -20.80637; 139.27722 -20.80637; 139.27735 -20.80628                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Yaringa Creek | 5 |  | 1.5.4  | 139.25802 -20.81062; 139.25786 -20.81064; 139.25779 -20.81056; 139.258 -20.81053; 139.25848 -20.81034; 139.25848 -20.81034; 139.25903 -20.81014; 139.25904 -20.81014; 139.25904 -20.81013; 139.25935 -20.81007; 139.25924 -20.81014; 139.25918 -20.81017; 139.25912 -20.8102; 139.25906 -20.81022; 139.25815 -20.81056; 139.2581 -20.81059; 139.25804 -20.81062; 139.25803 -20.81062; 139.25803 -20.81062; 139.25803 -20.81062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.147873 |
| Yaringa Creek | 5 |  | 1.12.1 | 139.2794 -20.80487; 139.27928 -20.805; 139.27927 -20.805; 139.27927 -20.805; 139.27927 -20.80501; 139.27926 -20.80501; 139.27903 -20.80514; 139.27852 -20.80552; 139.27808 -20.80588; 139.27808 -20.80588; 139.27808 -20.80588; 139.27803 -20.80591; 139.27801 -20.8059; 139.27797 -20.80584; 139.27802 -20.80581; 139.27846 -20.80545; 139.27846 -20.80545; 139.27846 -20.80545; 139.27897 -20.80507; 139.27898 -20.80506; 139.27898 -20.80506; 139.27921 -20.80493; 139.27929 -20.80485; 139.27939 -20.80486                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.181187 |
| Yaringa Creek | 5 |  | 1.12.1 | 139.27982 -20.80454; 139.27963 -20.80455; 139.27959 -20.80455; 139.28016 -20.80428; 139.28016 -20.80428; 139.28083 -20.80405; 139.28162 -20.8036; 139.28162 -20.8036; 139.28162 -20.8036; 139.28204 -20.80338; 139.28204 -20.80338; 139.28205 -20.80338; 139.28284 -20.80309; 139.28372 -20.80273; 139.28412 -20.80252; 139.28386 -20.80276; 139.28377 -20.80281; 139.28376 -20.80281; 139.28288 -20.80317; 139.28288 -20.80317; 139.28208 -20.80346; 139.28167 -20.80367; 139.28088 -20.80413; 139.28088 -20.80413; 139.28087 -20.80413; 139.28087 -20.80413; 139.2802 -20.80436                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.495326 |
| Yaringa Creek | 5 |  | 1.12.1 | 139.28572 -20.80117; 139.28589 -20.80105; 139.28648 -20.80061; 139.28651 -20.80059; 139.28704 -20.80046; 139.28715 -20.80049; 139.28738 -20.80046; 139.28765 -20.80035; 139.28769 -20.80034; 139.28794 -20.80022; 139.28868 -20.7999; 139.28907 -20.7997; 139.28907 -20.7997; 139.28907 -20.7997; 139.28907 -20.7997; 139.28944 -20.79959; 139.2903 -20.79916; 139.2906 -20.79902; 139.2906 -20.79903; 139.29057 -20.79909; 139.29054 -20.79914; 139.29053 -20.79915; 139.29035 -20.79924; 139.28949 -20.79967; 139.28948 -20.79967; 139.28948 -20.79967; 139.28948 -20.79967; 139.28911 -20.79978; 139.28872 -20.79998; 139.28872 -20.79998; 139.28798 -20.8003; 139.28741 -20.80055; 139.28741 -20.80055; 139.2874 -20.80055; 139.2874 -20.80055; 139.28739 -20.80055; 139.28715 -20.80058; 139.28715 -20.80058; 139.28714 -20.80058; 139.28714 -20.80058; 139.28714 -20.80058; 139.2869 -20.80053; 139.28664 -20.80063; 139.28625 -20.80082; 139.28605 -20.80096; 139.28551 -20.80152; 139.28551 -20.80153; 139.28551 -20.80153; 139.2852 -20.80177; 139.2846 -20.80232; 139.28447 -20.80232; 139.28513 -20.80171; 139.28513 -20.8017; 139.28544 -20.80146 | 0.672313 |
| Yaringa Creek | 5 |  | 1.5.4  | 139.27082 -20.80875; 139.27134 -20.80876; 139.27134 -20.80876; 139.27112 -20.80884; 139.27082 -20.80884; 139.2704 -20.80883; 139.27037 -20.80907; 139.27027 -20.8091; 139.2703 -20.80884; 139.26873 -20.80897; 139.26873 -20.80897; 139.26708 -20.80909; 139.26708 -20.80909; 139.26634 -20.80914; 139.26634 -20.80914; 139.26634 -20.80914; 139.26591 -20.80912; 139.26573 -20.80917; 139.26551 -20.80925; 139.2655 -20.80925; 139.2655 -20.80925; 139.2655 -20.80925; 139.26549 -20.80925; 139.26549 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.764501 |

Permit

Environmental authority EPPG03497815

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|  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  |  | 20.80925; 139.26548 -20.80925; 139.26527 -20.80923; 139.26445 -20.80938; 139.26402 -20.80938; 139.264 -20.80938; 139.26398 -<br>20.80938; 139.26526 -20.80914; 139.26526 -20.80914; 139.26526 -20.80914; 139.26527 -20.80914; 139.26527 -20.80914;<br>139.26548 -20.80916; 139.2657 -20.80908; 139.2657 -20.80908; 139.26571 -20.80908; 139.26589 -20.80904; 139.2659 -20.80903;<br>139.2659 -20.80903; 139.2659 -20.80903; 139.26591 -20.80903; 139.26634 -20.80905; 139.26708 -20.809; 139.26872 -20.80888;<br>139.27032 -20.80874; 139.27033 -20.80874; 139.27033 -20.80874; 139.27035 -20.80874; 139.27035 -20.80874; 139.27082 -<br>20.80875 |  |
|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

*Note: All Co-ordinates in Appendix B are in GDA 94 Datum.*

**END OF PERMIT**

