

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 8 July 2026. This is the take effect date.

The anniversary date of this environmental authority is 21 December each year.

An annual return will be due each year on 01 April.

Environmental authority holder(s)

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

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Schedule 3 - 08 - A petroleum or GHG storage activity, other than items 1 to 7, that includes an activity from Schedule 2 with an AES	PPL2015
Schedule 3 - 03 - A petroleum activity that is likely to have a significant impact on a category A or B Environmentally Sensitive Area	PPL2015
Ancillary 15 - Fuel burning - Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	PPL2015
Schedule 3 - 05 - Constructing a new pipeline of more than 150km under a petroleum authority	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).

Mobile and temporary activities

If you operate a mobile and temporary environmentally relevant activity (ERA), other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

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:

- 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, 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 *Planning Act 2016* 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.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

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.



Signature

8 July 2026

Date

Helena Braye

**Department of the Environment, Tourism,
Science and Innovation**

Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

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;
 - 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

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. RE 1.3.7 - <i>Eucalyptus camaldulensis</i> woodland on channels and levees	Right of Way; and 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			
RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland	Right of Way; Temporary work spaces; and 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			
Category C environmentally sensitive areas that are “of concern” regional ecosystems. RE 1.3.4 - <i>Acacia cambagei</i> low open woodland to woodland on earths in valleys	Right of Way; and 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. 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. 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. RE 4.3.3 - <i>Eucalyptus coolabah</i> , <i>E.camaldulensis</i> +/- <i>Lysiphyllum gilvum</i>			1.55
Category C environmentally sensitive areas that is ‘essential habitat’ RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland			0.36
Category C environmentally sensitive areas that is ‘essential habitat’ 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			

RE 1.11.2 - <i>Eucalyptus leucophloia</i> low open woodland	Right of Way; Temporary work spaces; and Associated access tracks (maximum width of 10m)	Refer to Appendix A, Table 4	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			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 hemiglaucula</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			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			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:
- a) linear infrastructure;
 - b) pipeline construction corridor not exceeding 30m in width; and
 - c) 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:
- a) records able to demonstrate compliance with conditions (D7) – (D10);
 - b) a description of the works;
 - c) 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
 - d) 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.

Prescribed environmental matter	Location and maximum extent of impact	Total Maximum extent of impact (ha)
Vegetation within a defined distance from the defining banks of a relevant watercourse on the vegetation management watercourse map		
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:
- completed by a suitably qualified person; and
 - 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:
- a) 200 metres of any wetland, lake or spring; or
 - b) 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:
- a) firstly, in times where there is no water present.
 - b) secondly, in times of no flow.
 - c) 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:
- a) can be demonstrated to meet the acceptable standards for release to land.
 - b) 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 impedance 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
A1 Natural Gas Engine (Unit 1)	Latitude: -20.79 Longitude: 139.48	12	7	NOx as NO ₂	250 mg/Nm ³ @ 5% O ₂ (dry) and 1.0 grams/second
A2 Natural Gas Engine (Unit 2)	Latitude: -20.79 Longitude: 139.48	12	7	NOx as NO ₂	250 mg/Nm ³ @ 5% O ₂ (dry) and 1.0 grams/second

Note: The above NOx limits are not applicable during periods when the facility is non- operational. 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:
- be undertaken once:
 - in the first three months after star-up following a period of being non-operational; and then
 - every year thereafter; and

- (b) be carried out when the facility the subject of the sampling is operating under maximum operating conditions; and
- (c) demonstrate compliance with the limits listed in Schedule G- Table 1 at each release point.

Note: Point source air monitoring is not required to be undertaken when the facility is non-operational.

- 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.
- G8 The holder of this environmental authority must notify the department in writing within 5 business days of the facility entering the following phases:
- (a) when the Northern Gas Pipeline is operational , which is when the pipeline has been delivering gas for 60 consecutive days; and
 - (b) when the Northern Gas Pipeline is not operational, which is when the pipeline has not been delivering gas for 60 consecutive days.

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:

- (a) electrical conductivity (EC) not exceeding 3000µS/cm
- (b) sodium adsorption ratio (SAR) not exceeding 8
- (c) pH between 6.0 and 9.0
- (d) 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.

“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:

- (a) exactly what has been assessed and the precise nature of that determination;
- (b) the relevant legislative, regulatory and technical criteria on which the assessment has been based;
- (c) 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
- (d) 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—

- (a) aerosols, fumes, light, noise, odour, particles or smoke; or
- (b) an unhealthy, offensive or unsightly condition because of contamination; or
- (c) 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

“Non-operational”, in relation to the facility, means when no gas is being transported within the Northern Gas Pipeline (NGP) between Mt Isa, QLD, and Phillip Creek, NT for 60 consecutive days.

“Operational”, in relation to the facility, means when gas is being transported within the Northern Gas Pipeline (NGP) between Mt Isa, QLD, and Phillip Creek, NT for 60 consecutive days.

“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:

(a) earth; or

(b) 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:

(a) earth; or

(b) 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 typography, 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—

- (a) it is contaminated land; or
- (b) 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:

- (a) 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

- (b) stimulation activities; or
- (c) 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

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

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

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

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
465	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
472	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

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 gilvum</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

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

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

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

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

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
614.5	Mica Creek	3-4	0.87	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
				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,	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

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
				1.11.2 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
617.8	Mica Creek	3-4	0.98	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
465	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
472	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

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 hemiglauca</i> , <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 hemiglauca</i> , <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 hemiglauca</i> , <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 hemiglauca</i> , <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

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
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

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
				1.11.3 Corymbia terminalis 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 Corymbia terminalis 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 Corymbia terminalis 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 Triodia 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 Eucalyptus leucophloia 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 Triodia spp. hummock grassland(north)	139.421447 -20.808583,139.421401 -20.808591,139.421439 -20.808551	0.0009
				1.11.2 Triodia 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 Triodia 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 Eucalyptus leucophloia low open woodland on granites	139.435411 -20.819582,139.435127 -20.819525,139.434985 -20.819134,139.435224 -20.819153	0.1227

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
				1.12.1 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

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.

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; 138.72638 -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

				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; 139.41224 -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; 139.41399 -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; 139.4122 -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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				-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; 139.45546 -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; 139.42346 -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	0.31527
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

				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		1.3.7	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; 139.42489 -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 -20.81095; 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 -20.81045; 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; 139.42647 -20.81221; 139.42648 -20.81221; 139.42648 -20.81221; 139.42648 -20.81222	0.40317
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; 139.43919 -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

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 -20.82006; 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 -20.82026; 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 -20.81932; 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 -20.82313	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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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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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; 138.85544 -20.51068; 138.85539 -20.51034; 138.85541 -20.51038; 138.85543 -20.51042; 138.85554 -20.51066; 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; 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; 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

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; 138.69 -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

Environmental authority EPPG03497815

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

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; 139.37342 -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; 139.37369 -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	0.14	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; 139.37284 -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; 139.37227 -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; 139.37299 -20.78753; 139.37299 -20.78752; 139.37299 -20.78752; 139.37319 -20.78746	0.178444
Templeton River	3		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

				20.74148; 139.38587 -20.74144; 139.38587 -20.74145; 139.38587 -20.74145; 139.38587 -20.74145; 139.38587 -20.74146; 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; 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; 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; 139.40344 -20.78946	0.126861
Templeton River	3	0.12	1.3.7	139.16756 -20.7182; 139.16736 -20.71834; 139.16736 -20.71834; 139.1673 -20.71838; 139.16726 -20.7183; 139.1673 -20.71827; 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; 139.16753 -20.7181; 139.16753 -20.7181; 139.16753 -20.71809; 139.16771 -20.71795; 139.16782 -20.7178; 139.16783 -20.71782; 139.16785 -20.71784; 139.16786 -20.71787; 139.16787 -20.71788; 139.16779 -20.718; 139.16779 -20.718; 139.16779 -20.71801; 139.16778 -20.71801; 139.16778 -20.71801; 139.16761 -20.71815; 139.16761 -20.71815; 139.16761 -20.71816; 139.16761 - 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		1.5.7	138.9314 -20.70803; 138.9315 -20.70803; 138.93154 -20.70875; 138.93155 -20.7089; 138.93145 -20.70889; 138.93145 -20.70889; 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	1.5.4	139.17919 -20.67254; 139.17929 -20.67241; 139.17929 -20.67244; 139.17929 -20.67244; 139.17928 -20.67262; 139.17927 -20.67264; 139.17922 -20.67268; 139.17918 -20.6727	0.020868
Templeton River	5		1.3.7	139.18013 -20.66492; 139.18003 -20.66493; 139.18008 -20.66477; 139.1801 -20.66461; 139.1802 -20.66461; 139.18018 -20.66479; 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 -20.69555; 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; 139.18279 -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 -20.66146; 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; 139.18284 -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 -20.6629; 139.18222 -20.6629; 139.18222 -20.6629; 139.18221 -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 -20.69702; 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; 139.17621 -20.69567;	0.121809

				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 -20.69654; 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 -20.66978; 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 -20.66881; 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 -20.66884; 139.17903 -20.66885; 139.17903 -20.66885; 139.17903 -20.66886; 139.17903 -20.66886; 139.17902 -20.66886; 139.17902 -20.66886; 139.17892 -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; 139.17938 -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; 139.17947 -20.67187; 139.17947 -20.67188; 139.17947 -20.67188; 139.17929 -20.67241	0.182138
Templeton River	5		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	0.25	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	1.7.1	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; 139.09965 -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; 139.10041 -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; 139.1033 -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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				139.10649 -20.71244; 139.10649 -20.71245; 139.10649 -20.71245; 139.1065 -20.71245; 139.1065 -20.71246; 139.1065 -20.71246; 139.1065 -20.71247	
Templeton River	5		4.3.10	138.71753 -20.73561; 138.71743 -20.73562; 138.71741 -20.73543; 138.71751 -20.73543	0.020744
Templeton River	5	0.83	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 - 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; 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 - 20.74254; 138.72031 -20.74254; 138.71978 -20.74165; 138.71978 -20.74165; 138.71977 -20.74164; 138.71977 -20.74164; 138.71948 -20.74083; 138.71958 -20.74084; 138.71986 -20.74161; 138.72039 -20.74249; 138.72054 -20.74263; 138.72056 - 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; 138.71832 -20.73716; 138.71782 -20.73651; 138.71782 -20.73651; 138.71747 -20.73594; 138.71747 -20.73594; 138.71747 - 20.73594; 138.71747 -20.73593; 138.71747 -20.73593; 138.71747 -20.73592; 138.71743 -20.73562; 138.71753 -20.73561; 138.71756 -20.73591; 138.7179 -20.73646; 138.7184 -20.73711; 138.71841 -20.73712; 138.71841 -20.73712; 138.71841 -20.73712; 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; 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; 139.31711 -20.79255; 139.31711 -20.79255; 139.3171 -20.79255; 139.3171 -20.79255; 139.3171 -20.79254; 139.31702 -20.79243; 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; 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;139.32353-20.7955;139.32356 -20.79558;139.32381 -20.79542;139.32356 -20.79558;139.32345 -20.7956; 139.32342 -20.79558; 139.32333 -20.79553;	0.04924
Yaringa Creek	3		1.3.7	139.32435-20.79529; 139.32411 -20.79544; 139.32389-20.7955;139.3241 -20.79544;-20.7955; 139.32381 -20.79542; 139.32406 - 20.79536; 139.3241 -20.79544; 139.3241 -20.79544; 139.32409 -20.79544; 139.32425 -20.79524	0.051923
Yaringa Creek	3		1.5.6	139.30507-20.79384;139.30557-20.79386;139.305 -20.79378; 139.30497 -20.79373; 139.30543 -20.79381; 139.30554 -20.79381; 139.30556 -20.79383;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 139.32186 20.79531; 20.79505; 139.32153-20.79555; -20.79553; 139.32147 139.32133 -20.79524;139.3224 -20.79559; 139.32185 -20.79531; -20.79505; 139.32189; 139.32241 -20.79559; 139.32238 -20.79559; 139.32232 -20.79559; 139.32195 -20.79556; - 20.79553; 139.32185 -20.79552; 139.32185 -20.79552; 139.32147 -20.79532; 139.32147 - 139.32146 -20.79531; 139.32128 -20.79513; 139.3212 -20.7951; 139.32108 -20.79496; 139.32133 - 139.32133 -20.79505; 139.32134 -20.79505; 139.32134 -20.79506; 139.32134 - 20.79506; -20.79544; 139.32216 -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		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	0.56	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

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; 139.23551 -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; 139.23548 -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 -20.82457; 139.23545 -20.82457; 139.23545 -20.82456; 139.23545 -20.82456; 139.23545 -20.82455; 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	0.294867
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; 139.28688 -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; 139.28599 -20.80089; 139.28619 -20.80075; 139.2862 -20.80075; 139.2862 -20.80075; 139.28648 -20.80061; 139.28589 -20.80105	0.04617
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; 139.27697 -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; 139.2869 -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

				20.80925; 139.26548 -20.80925; 139.26527 -20.80923; 139.26445 -20.80938; 139.26402 -20.80938; 139.264 -20.80938; 139.26398 -20.80938; 139.26526 -20.80914; 139.26526 -20.80914; 139.26526 -20.80914; 139.26527 -20.80914; 139.26527 -20.80914; 139.26548 -20.80916; 139.2657 -20.80908; 139.2657 -20.80908; 139.26571 -20.80908; 139.26589 -20.80904; 139.2659 -20.80903; 139.2659 -20.80903; 139.2659 -20.80903; 139.26591 -20.80903; 139.26634 -20.80905; 139.26708 -20.809; 139.26872 -20.80888; 139.27032 -20.80874; 139.27033 -20.80874; 139.27033 -20.80874; 139.27035 -20.80874; 139.27035 -20.80874; 139.27082 -20.80875	
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Note: All Co-ordinates in Appendix B are in GDA 94 Datum.

END OF PERMIT