Permit

Environmental Protection Act 1994

Environmental authority EPPR00226313

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

Environmental authority number: EPPR00226313

Environmental authority takes effect on 09 August 2018

Environmental authority holder(s)

Name(s)	Registered address
WAGNERS QUARRIES PTY. LTD.	339 Anzac Avenue TOOWOOMBA QLD 4350

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 1: Dredging, in a year, the following quantity of material, (b) more than 10,000t but not more than 100,000t	Lot 50/CP857736
Prescribed ERA, ERA 16 - Extraction and Screening, 1: Dredging, in a year, the following quantity of material, (b) more than 10,000t but not more than 100,000t	Lot 54/SP109746
Prescribed ERA, ERA 16 - Extraction and Screening, 1: Dredging, in a year, the following quantity of material, (b) more than 10,000t but not more than 100,000t	Lot 32/BD229
Prescribed ERA, ERA 16 - Extraction and Screening, 1: Dredging, in a year, the following quantity of material, (b) more than 10,000t but not more than 100,000t	Adjacent to Lot 4/CP884304
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 4910/CP896291
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 2/TW7
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 50/CP857736
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 54/SP109746

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Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 111/SP106114
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 32/BD229
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 23/CP896272
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 1/BK33
Prescribed ERA, ERA 16 - Extraction and Screening, 1: Dredging, in a year, the following quantity of material, (a) 1000t to 10,000t	Lot 8/TW8
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (b) more than 100,000t but not more than 1,000,000t	Lot 80/SP103578
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 4910/CP896291
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 2/TW7
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 111/SP106114
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 1/BK33
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (b) more than 100,000t but not more than 1,000,000t	Lot 80/SP103578

Additional information for applicants

Environmentally relevant activities

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

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

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

Contaminated land

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

- 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.

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

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

Date issued: 09 August 2018

Enquiries:
Coastal and Marine Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.qld.gov.au

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)

Conditions of environmental authority

This environmental authority consists of the following part(s):

Applicable Part	Approved ERA(s)	Location
Part 1	16-(1A) DREDGING >1000T BUT <10000T YR	Leichhardt River Dredging Site Lot 8 Plan TW8
Part 2	16-(2B) EXTRACTIVE >100000T BUT <1000000T YR 16-(3B) SCREENING >100000T BUT <1000000T YR	Castlereagh Station - Extraction & Screening Lot 80 Plan SP103578
Part 3	16-(3A) SCREENING >5000T BUT <100000T YR	Cloncurry - Crushing Plant Powerhouse Road Lot 23 Plan CP896272
Part 4	16-(1B) DREDGING >10000T BUT <100000T YR	Cloncurry River Dredging Site, Cloncurry Lot 4 Plan CP884304
Part 5	16-(2A) EXTRACTIVE >5000T BUT <100000T YR 16-(3A) SCREENING >5000T BUT <100000T YR	Mt Avarice Quarry, Cloncurry Lot 4910 Plan CP896291
Part 6	16-(2A) EXTRACTIVE >5000T BUT <100000T YR 16-(3A) SCREENING >5000T BUT <100000T YR	Nardoo Station Gravel Extraction & Screening Site 1 Lot 1 Plan BK33
Part 7	16-(2A) EXTRACTIVE >5000T BUT <100000T YR 16-(3A) SCREENING >5000T BUT <100000T YR	Nardoo Station Gravel Extraction & Screening Site 2 Lot 2 Plan TW7
Part 8	16-(2A) EXTRACTIVE >5000T BUT <100000T YR 16-(3A) SCREENING >5000T BUT <100000T YR	Robertson Quarry Lot 111 Plan SP106114
Part 9	16-(1B) DREDGING >10000T BUT <100000T YR 16-(3A) SCREENING >5000T BUT <100000T YR	Bed of Cloncurry River Lot 50 Plan CP857736, Lot 54 Plan SP109746, Lot 32 Plan BD229

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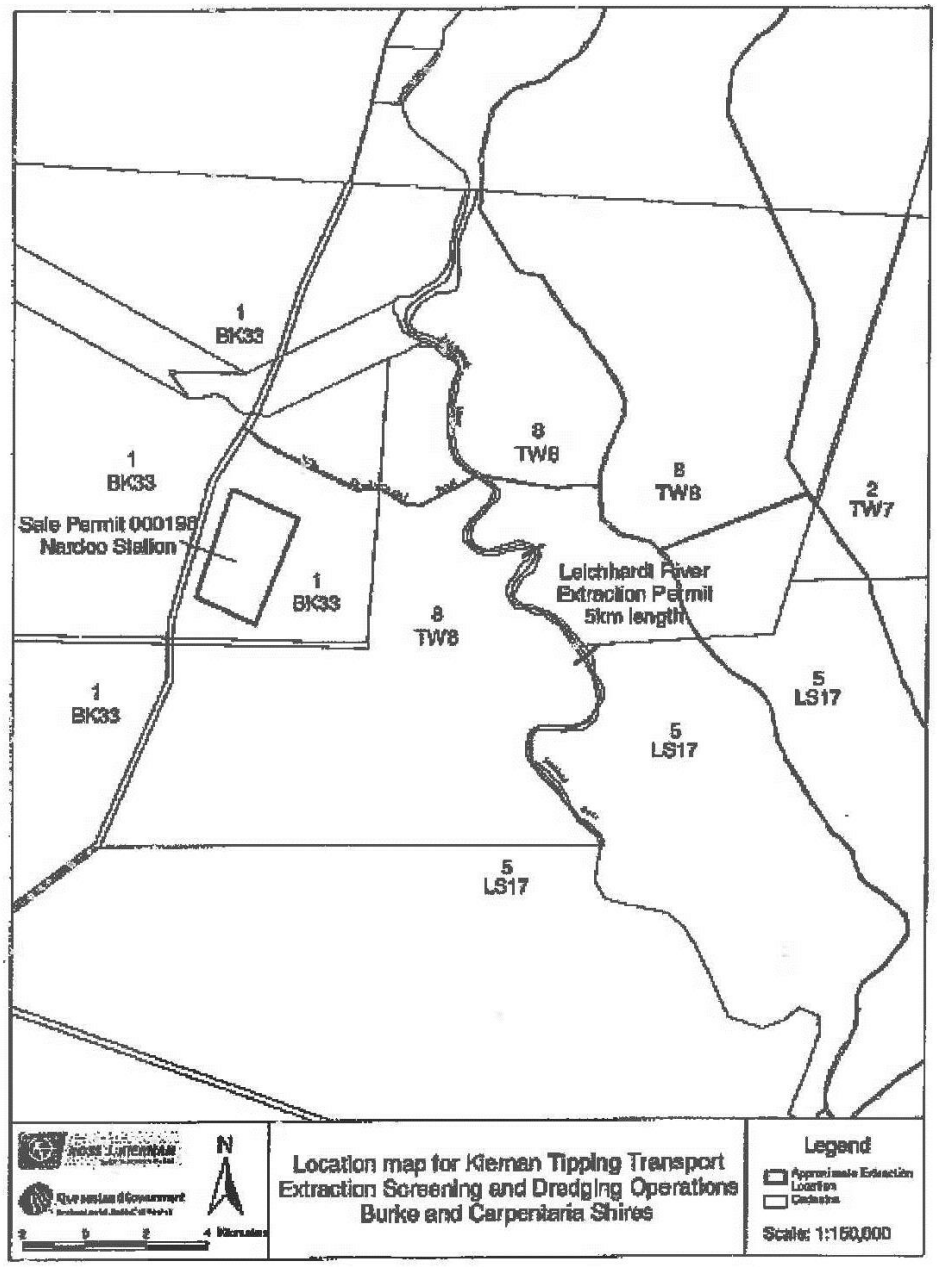
The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Part 1 - Leichhardt River Dredging Site	
Agency interest: General	
Condition Number	**Condition**
1G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
1G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
1G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters. a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

1G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
1G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition Number	**Condition**
1A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
1A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition Number	**Condition**
1L1	Contaminants must not be released to land.
1L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition Number	**Condition**
1N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest: Social	
Condition Number	**Condition**
1S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint;

	c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition Number	**Condition**
1WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
1WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
1WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
1WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 1.1 — Site Plan



Part 2

Part 2 - Castlereagh Station - Extraction & Screening	
Agency interest: General	
Condition number	**Condition**
2G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and I or to minimise the likelihood of environmental harm being caused.
2G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
2G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals. b) Identification of environmental issues and potential impacts. c) Control measures for routine operations to minimise likelihood of environmental harm. d) Contingency plans and emergency procedures for non-routine situations. e) Organisational structure and responsibility. f) Effective communication. g) Monitoring of contaminant releases. h) Conducting environmental impact assessments i) Staff training. j) Record keeping. k) Periodic review of environmental performance and continual improvement.
2G4	Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
2G5	All records required by this approval must be kept for 5 years.

2G6	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
2G7	A written notice detailing the following information must be provided to the Department of Environment and Science within 14 days of any advice provided in accordance with condition 2G6: a) the name of the operator, including their approval / registration number; b) the name and telephone number of a designated contact person; c) quantity and substance released; d) vehicle and registration details; e) person/s involved (driver and any others); f) the location and time of the release; g) the suspected cause of the release; h) a description of the effects of the release; i) the results of any sampling performed in relation to the release, j) actions taken to mitigate any environmental harm caused by the release; and k) proposed actions to prevent a recurrence of the release.
2G8	An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.
2G9	Anyone operating under this approval must be trained in the use of the spill kit.
Agency interest Air	
Condition number	**Condition**
2A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
2A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
2A3	Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place: a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre

	over a 24 hour averaging time, at a nuisance sensitive or commercial place downwind of the site, when monitored in accordance with: a. Australian Standard AS 3580.9.6 of 2003 (or more recent editions) 'Ambient air - Particulate matter - Determination of suspended particulate PM10 high-volume sampler with size- selective inlet -Gravimetric method'; or b. any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.
2A4	When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include: a) for a complaint alleging dust nuisance, dust deposition; and b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm) (PM10) suspended in the atmosphere over a 24hr averaging time.
Agency interest. Land	
Condition number	**Condition**
2L1	Contaminants must not be released to land.
2L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
2L3	The site (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) must be rehabilitated in a manner such that: a) suitable native species of vegetation are planted and established; b) potential for erosion of the site is minimised; c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; d) the likelihood of environmental nuisance being caused by release of dust is minimised; e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm; f) the final landform is stable and not subject to slumping; and g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.

2L4	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
Agency interest. Noise	
Condition number	**Condition**
2N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
2N2	When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: • airblast overpressure (dB (Lin) Peak); • LA 10, adj, 10 mins; • LA 1, adj, 10 mins; • the level and frequency of occurrence of impulsive or tonal noise; • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; and • location, date and time of recording.
2N3	The method of measurement and reporting of noise levels must comply with the latest edition of the Department of Environment and Heritage Protection's Noise Measurement Manual.
Agency interest. Social	
Condition number	**Condition**
2S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition number	**Condition**

2WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
2WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
2WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
2WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

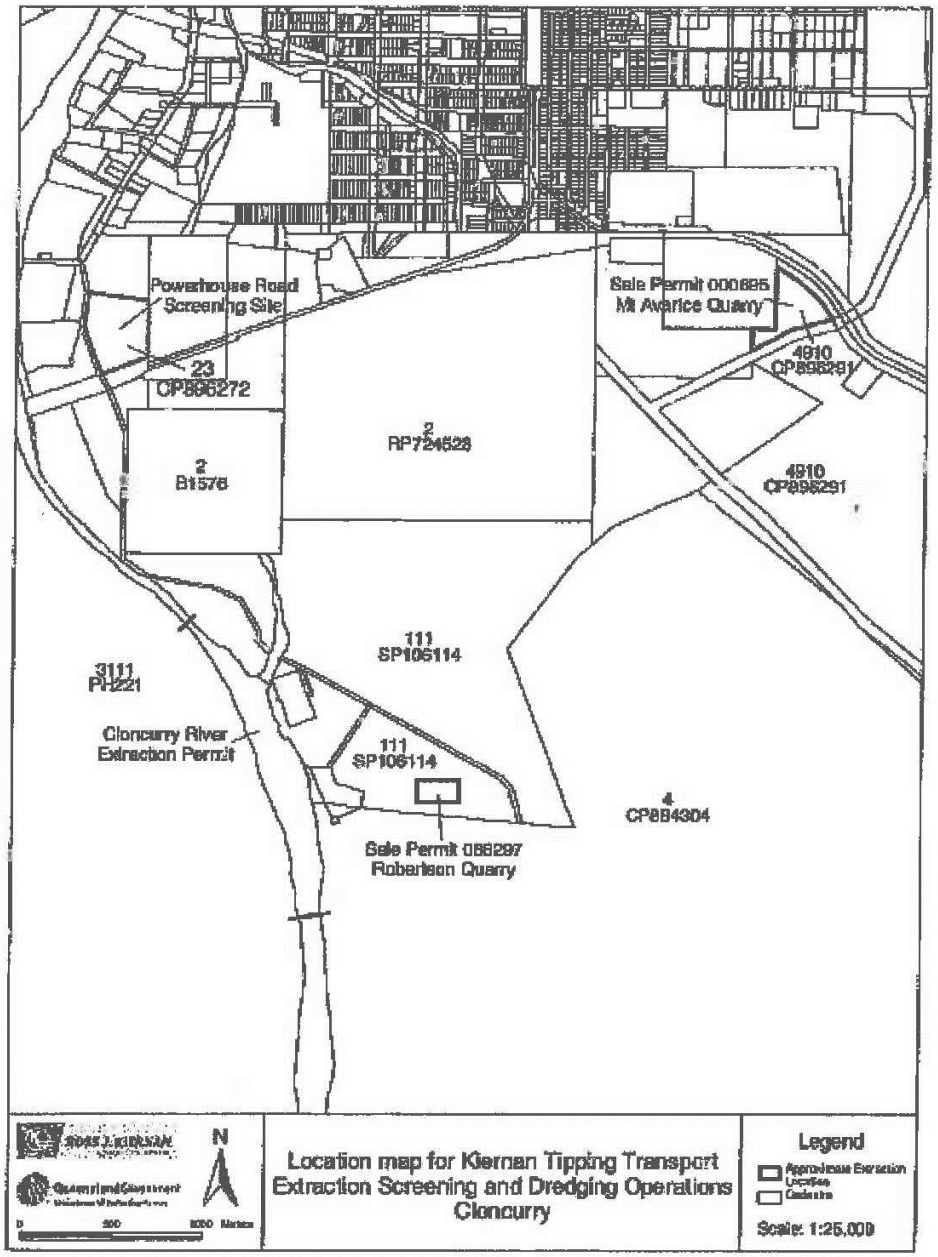
Part 3

Part 3 - Cloncurry - Crushing Plant - Powerhouse Road	
Agency interest: General	
Condition number	**Condition**
3G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
3G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
3G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

3G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
3G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest. Air	
Condition number	**Condition**
3A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
3A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place
Agency interest: Land	
Condition number	**Condition**
3L1	Contaminants must not be released to land.
3L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
3N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
3S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint;

	c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition number	**Condition**
3WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
3WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
3WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
3WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 3.1 Site Plan



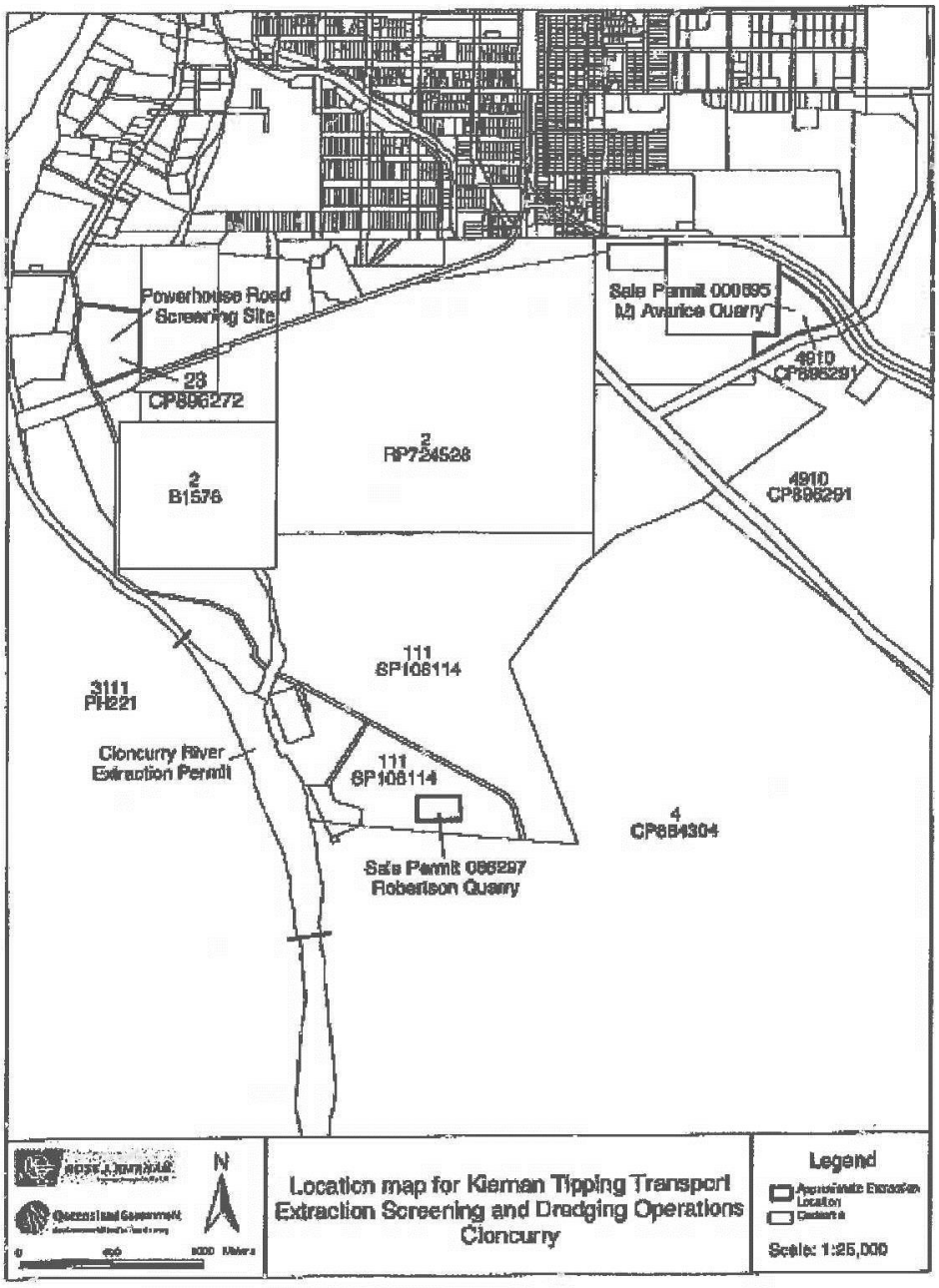
Part 4

Part 4 – Cloncurry River Dredging Site	
Agency interest: General	
Condition number	**Condition**
4G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
4G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
4G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

4G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
4G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition number	**Condition**
4A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
4A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition number	**Condition**
4L1	Contaminants must not be released to land.
4L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
4N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
4S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint;

	c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition number	**Condition**
4WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
4WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
4WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
4WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 4.1 – Site Plan



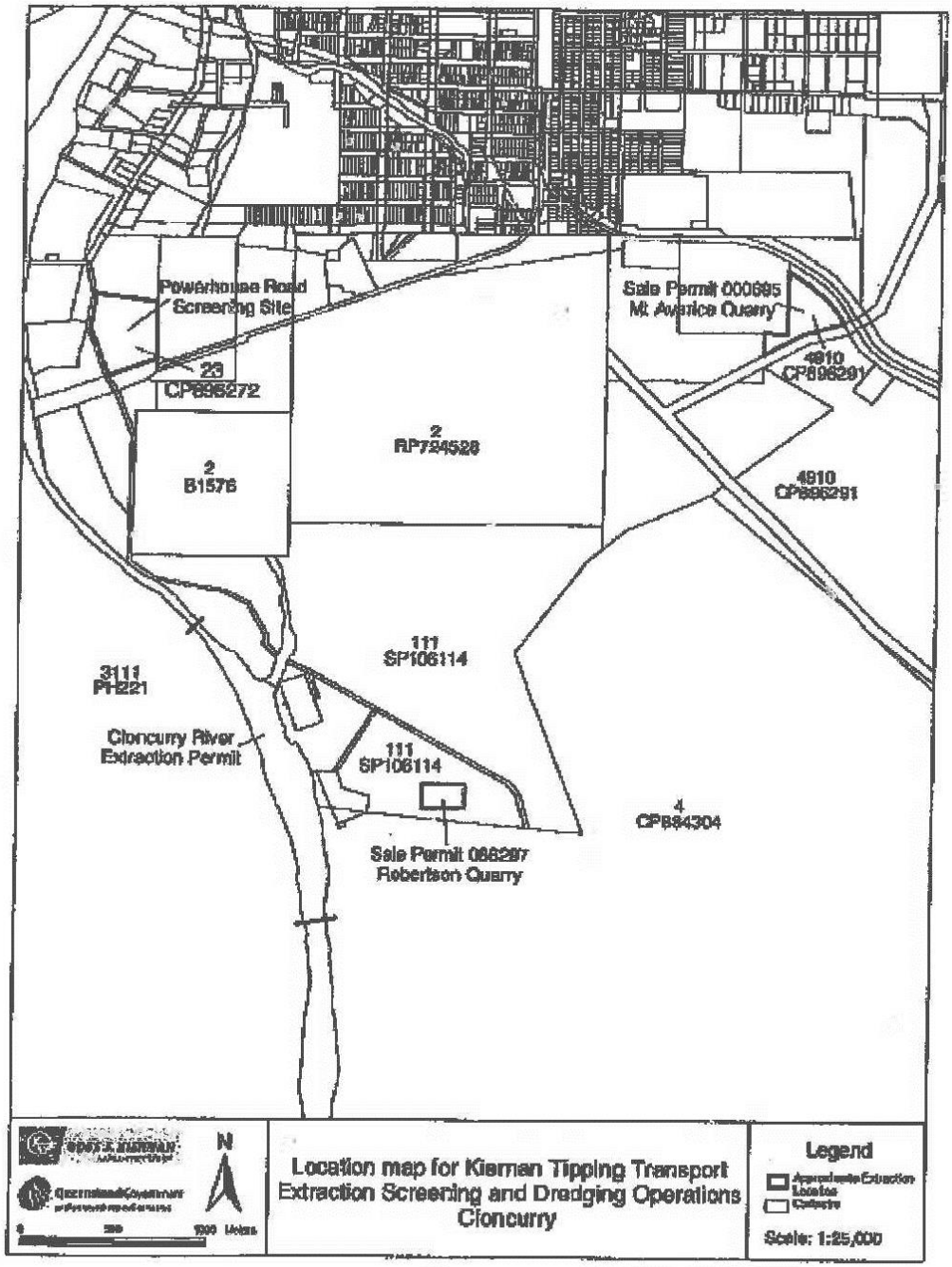
Part 5

Part 5 – Mt Avarice Quarry	
Agency interest: General	
Condition number	**Condition**
5G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
5G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
5G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

5G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
5G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition number	**Condition**
5A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
5A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition number	**Condition**
5L1	The site (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) must be rehabilitated in a manner such that: a) suitable native species of vegetation are planted and established; b) potential for erosion of the site is minimised; c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; d) the likelihood of environmental nuisance being caused by release of dust is minimised; e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm; f) the final landform is stable and not subject to slumping; and g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.
5L2	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
5L3	Contaminants must not be released to land.
5L4	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.

	NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
5N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
5S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition number	**Condition**
5WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
5WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
5WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
5WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 5.1 – Site Plan



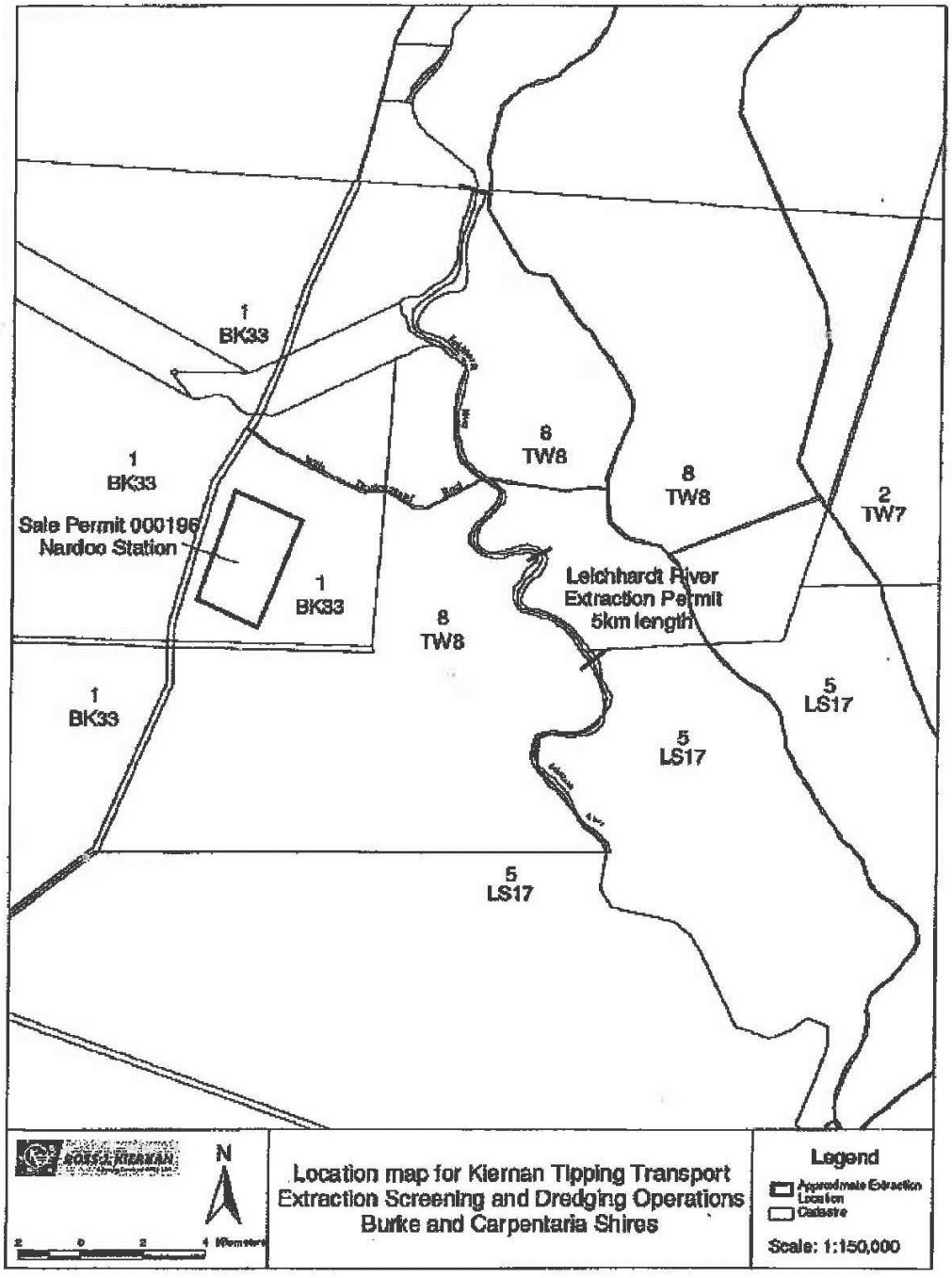
Part 6

Part 6 – Nardoo Station Gravel Extraction & Screening Site 1	
Agency interest: General	
Condition number	**Condition**
6G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
6G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
6G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

6G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
6G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition number	**Condition**
6A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
6A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition number	**Condition**
6L1	The site (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) must be rehabilitated in a manner such that: a) suitable native species of vegetation are planted and established; b) potential for erosion of the site is minimised; c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; d) the likelihood of environmental nuisance being caused by release of dust is minimised; e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm; f) the final landform is stable and not subject to slumping; and g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.
6L2	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
6L3	Contaminants must not be released to land.
6L4	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.

	NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
6N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
6S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest Water	
Condition number	**Condition**
6WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
6WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
6WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
6WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 6.1 – Site plan



Part 7 – Nardoo Station Gravel Extraction & Screening Site 2	
Agency interest: General	
Condition number	**Condition**
7G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
7G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
7G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.
7G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.

7G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition number	**Condition**
7A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
7A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition number	**Condition**
7L1	Contaminants must not be released to land.
7L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
7N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
7S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and

	e) any actions taken.
Agency interest Water	
Condition number	**Condition**
7WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
7WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
7WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
7WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

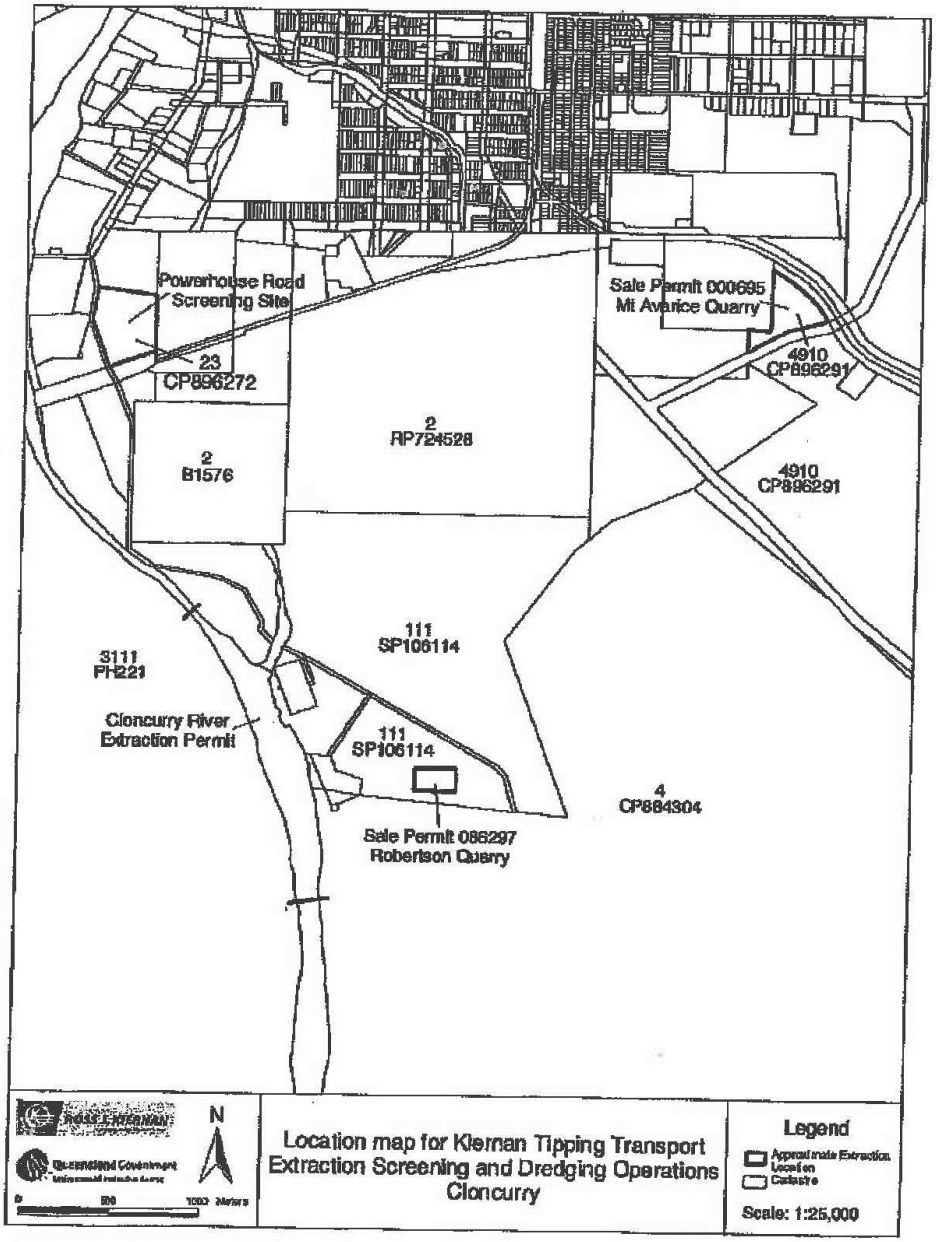
Part 8

Part 8 – Robertson Quarry	
Agency interest: General	
Condition number	**Condition**
8G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
8G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
8G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

8G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
8G5	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Agency interest: Air	
Condition number	**Condition**
8A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
8A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
Agency interest: Land	
Condition number	**Condition**
8L1	The site (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) must be rehabilitated in a manner such that: a) suitable native species of vegetation are planted and established; b) potential for erosion of the site is minimised; c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; d) the likelihood of environmental nuisance being caused by release of dust is minimised; e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm; f) the final landform is stable and not subject to slumping; and g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.
8L2	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
8L3	Contaminants must not be released to land.
8L4	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.

	NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
8N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Agency interest. Social	
Condition number	**Condition**
8S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest: Water	
Condition number	**Condition**
8WA1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
8WA2	The size of any sedimentation dam must be sufficient to contain the run-off expected from a 24 hour storm with an average recurrence interval of 1 in 5 years.
8WA3	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
8WA4	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 8.1 – Site Plan



Part 9

Part 9 – Bed of Cloncurry River	
Agency interest: General	
Condition number	**Condition**
9G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
9G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
9G3	From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals; b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; k) periodic review of environmental performance and continual improvement.

9G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
9G5	Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
9G6	All records required by this approval must be kept for 5 years.
9G7	A record of all regulated waste excluding trackable waste must be kept detailing the following information: a) date of pickup of waste; b) description of waste; c) quantity of waste; d) origin of the waste; and e) destination of the waste. Note: Trackable wastes as listed in Schedule 1 of the Environmental Protection (Waste Management) Regulation 2000 are not covered by this condition. Trackable wastes have similar recording requirements to this condition in accordance with a waste tracking system established under the above Regulation.
9G8	All vehicles used to transport regulated waste must be registered with the administering authority.
9G9	The only form of dredging to be carried out is sand extraction for further processing and/or resale to the general public.
9G10	The only areas permitted to be dredged under this approval are those shown on the site plan in Attachment 1 and described as Latitude 20°39'45.43" Longitude 140°29'27.30" to Latitude 20°40'11.27" Longitude 140°29'23.31".
9G11	Telephone the Department of Environment and Science's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
9G12	A written notice detailing the following information must be provided to the Department of Environment and Science within 14 days of any advice provided in accordance with condition 9G11: a) the name of the operator, including their approval / registration number; b) the name and telephone number of a designated contact person; c) quantity and substance released; d) vehicle and registration details; e) person/s involved (driver and any others); f) the location and time of the release; g) the suspected cause of the release;

	h) a description of the effects of the release; i) the results of any sampling performed in relation to the release, j) actions taken to mitigate any environmental harm caused by the release; and k) proposed actions to prevent a recurrence of the release.
9G13	A competent person(s) must conduct any monitoring required by this approval.
9G14	All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.
9G15	The daily operation of the waste water treatment system and pollution control equipment must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that treatment system and control equipment.
9G16	An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.
9G17	Anyone operating under this approval must be trained in the use of the spill kit.
Agency interest: Air	
Condition number	**Condition**
9A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
9A2	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
9A3	Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place: a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a nuisance sensitive or commercial place downwind of the site, when monitored in accordance with: • Australian Standard AS 3580.9.6 of 2003 (or more recent editions) 'Ambient air - Particulate matter - Determination of suspended

	particulate PM10 high-volume sampler with size-selective inlet - Gravimetric method'; or • any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.
9A4	When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include: a) for a complaint alleging dust nuisance, dust deposition; and b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm) (PM10) suspended in the atmosphere over a 24hr averaging time.
Agency interest: Land	
Condition number	**Condition**
9L1	The site (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) must be rehabilitated in a manner such that: a) suitable native species of vegetation are planted and established; b) potential for erosion of the site is minimised; c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; d) the likelihood of environmental nuisance being caused by release of dust is minimised; e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm; f) the final landform is stable and not subject to slumping; and g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.
9L2	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
9L3	Contaminants must not be released to land.
9L4	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.

	NOTE: All petroleum product storages must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.
Agency interest: Noise	
Condition number	**Condition**
9N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
9N2	When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: • LA 10, adj, 10 mins • LA 1, adj, 10 mins • the level and frequency of occurrence of impulsive or tonal noise; atmospheric conditions including wind speed and direction; effects due to extraneous factors such as traffic noise; and • location, date and time of recording.
9N3	The method of measurement and reporting of noise levels must comply with the latest edition of the Department of Environment and Science's Noise Measurement Manual.
Agency interest. Social	
Condition number	**Condition**
9S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.
Agency interest Water	
Condition number	**Condition**
9WA1	Contaminants must not be released from the site to any waters or the bed and banks of any waters.

9WA2	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Figure 9.1 – Site Plan



Definitions

Words and phrases used throughout this environmental authority are defined below. Where a definition for a term used in this environmental authority is sought and the term is not defined within this environmental authority the definitions provided in the relevant legislation shall be used.

"**administering authority**" means the Department of Environment and Science or its successor.

"**annual return**" means the return required by the annual notice (under section 308 of the *Environmental Protection Act 1994*) that applies to the environmental authority.

"**approval**" means an environmental authority issued under the *Environmental Protection Act 1994.*

"**approved plans**" means the plans and documents listed in the approved plans section in the environmental authority.

"**authorised place**" means the place authorised under this environmental authority for the carrying out of the specified environmentally relevant activities.

"**commercial place**" means a place used as an office or for business or commercial purposes.

"**Department of Environment and Science**" means the department or agency (whatever called) administering the *Coastal Protection and Management Act 1995* or the *Environmental Protection Act 1994*,

"**dredge spoil**" means material taken from the bed or banks of waters by using dredging equipment or other equipment designed for use in extraction of earthen material.

"**dwelling**" means any of the following structures or vehicles that is principally used as a residence —

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"**erosion prone area**" means an area declared to be an erosion prone area under section 70(1) of the *Coastal Protection and Management Act 1995.*

"**high water mark**" means the ordinary high water mark at spring tides.

"**intrusive noise**" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration —

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.
- In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 — 1997 Acoustics — Description and Measurement of Environmental Noise Part 2 — Application to Specific Situations.

"**LA 10, adj, 10 mins**" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

"**LA 1, adj, 10 mins**" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

"**LA, max adj, T**" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"**land**" in the "land schedule" of this document means land excluding waters and the atmosphere.

"**mg/L**" means milligrams per litre.

"**noxious**" means harmful or injurious to health or physical well being.

"**NTU**" means nephelometric turbidity units.

"**nuisance sensitive place**" includes —

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

"**offensive**" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"**protected area**" means —

- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

"**quarry material**" means material on State coastal land, other than a mineral within the meaning of any Act relating to mining. Material includes for example stone, gravel, sand, rock, clay, mud, silt and soil, unless it is removed from a culvert, stormwater drain or other drainage infrastructure as waste material.

"**regulated waste**" means non-domestic waste mentioned in Schedule 7 of the Environmental Protection Regulation 1998 (whether or not it has been treated or immobilised), and includes –

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

"**site**" means land or tidal waters on or in which it is proposed to carry out the development approved under this environmental authority.

"**watercourse**" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"**waters**" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.

"**works**" or "**operation**" means the development approved under this environmental authority.

"**you**" means the holder of this environmental authority or owner / occupier of the land which is the subject of this environmental authority

"**50th percentile**" means not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any six (6) consecutive samples for a release/monitoring point at any time during the environmental activity(ies) works.

"**80th percentile**" means not more than one (1) of the measured values of the quality characteristic is to exceed the stated release limit for any five (5) consecutive samples for a sampling point at any time during the environmental activity(ies) works