

Permit

Environmental Protection Act 1994

Environmental authority EPPR01433113

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

Environmental authority number: EPPR01433113

The anniversary date of this environmental authority is the 09 August each year

Environmental authority holder(s)

Name(s)	Registered address
Cameron Webster	1909 Big Valley Road WANDOAN QUEENSLAND 4419

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening - 2(b) - Extracting, other than by dredging, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	41/SP137907
ERA 16 - Extraction and Screening - 3(b) - Screening, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	41/SP137907
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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:

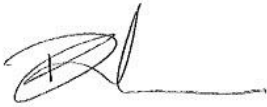
- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority - on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day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

The anniversary day of this environmental authority is the same day each year as the original take effect date unless you apply to change the anniversary day. 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

Derek Robson
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

28 February 2022

Date

Enquiries:
Permits and Licensing/Operational Support
Department of Environment Science
GPO Box 2454, Brisbane QLD 4001
Phone: 1300 130 372 (Option 4)
Email: palm@des.qld.gov.au

Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able to take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

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 Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Conditions of environmental authority

Agency Interest — General	
Condition number	Condition
G1	The area where the ERA activities are authorised to occur are as per Attachment 1 – Proposed Lease Area showing Lease D Area.
G2	Prevent and/or minimise likelihood of environmental harm 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.
G3	A copy of this development approval must be kept in a location readily accessible to personnel carrying out the activity.
G4	Maintenance Of Measures, Plant and Equipment Plant and equipment must be installed, maintained and operated to ensure compliance with the conditions of this approval.
G5	Site Based Management Plan 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.
G6	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval
G7	Monitoring A competent person(s) must conduct any monitoring required by this approval.
G8	Records Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
G9	All records required by this approval must be kept for 5 years.
G10	Equipment Calibration 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.
G11	Notification Telephone the Pollution Hotline (1300 130 372) 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
A1	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental harm or nuisance at any sensitive receptor.
A2	Develop and implement measures to minimise the release of wind blown dust or traffic generated dust to the atmosphere.
A3	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 in accordance with relevant Australian Standards.
Agency Interest — Land	
Condition number	Condition
L1	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.
L2	Land Rehabilitation As soon as practicable and within 6 months of ceasing permanent operations the site must be rehabilitated.

	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/or naturally 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; (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.
L3	Maintenance of Rehabilitation Maintenance of rehabilitated areas must take place at least annually, until the surrender of the registration certificate is approved to demonstrate: (a) Landforms remain stable; and (b) Erosion control measures remain effective; and (c) Stormwater runoff and seepage from rehabilitated areas does not release contaminants that cause environmental harm; and (d) Plants show healthy growth and recruitment; and (e) Rehabilitated areas are free of any declared pest plants.
L4	Rehabilitation Success The land must be rehabilitated in accordance with condition L2 or as otherwise agreed in a written agreement with the landholder and be provided to the administering authority upon surrender of the registration certificate.
L5	Preventing Contaminant Release To Land All reasonable and practicable measures must be taken to minimise release of contaminants to land.
L6	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.
L7	Spill Kit

	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.
L8	Spill Kit Training Anyone operating under this approval must be trained in the use of the spill kit.
L9	Waste All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
Schedule D — Noise	
Condition number	Condition
N1	Noise Nuisance Noise from the ERA must not cause an environmental nuisance at any sensitive receptor.
N2	Noise Monitoring When requested by the administering authority, noise monitoring must be undertaken to investigate a complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: - LA eq, adj, 1hour - 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. The method of measurement and reporting of noise levels must comply with the latest editions of the administering authority's Noise Measurement Manual and/or Australian Standards.
N3	If the holder of the development approval can provide evidence through monitoring that the limits defined in Table 1 – Noise Limits, are not being exceeded, then the holder is not in breach of Condition N1.
N4	Where it is determined by an authorised person that noise from the ERA is causing an environmental nuisance at nuisance sensitive place, the holder of the permit must: • address the complaint, including the use of appropriate dispute resolution if required • immediately implement adequate noise abatement measures so that emissions of noise from the ERA does not result in further environmental nuisance.
N5	Operating Hours Table 1 – Noise Limits, relates to the noise parameters that must be complied with between these hours.

	<table><tr><th colspan="4">Table 1: Noise Limits</th></tr><tr><th rowspan="2">Noise level dB(A) measured as</th><th colspan="3">Monday to Sunday including public holidays</th></tr><tr><th>7am - 6pm</th><th>6pm - 10pm</th><th>10pm - 7am</th></tr><tr><td></td><td colspan="3">Noise measured at a 'Noise sensitive place'</td></tr><tr><td>L_{Aeq,1 hr}</td><td>40</td><td>35</td><td>30</td></tr></table> Note: The method of measurement and reporting of noise levels must comply with the latest editions of the Department of Environment and Heritage Protections Noise Manual.	Table 1: Noise Limits				Noise level dB(A) measured as	Monday to Sunday including public holidays			7am - 6pm	6pm - 10pm	10pm - 7am		Noise measured at a 'Noise sensitive place'			L _{Aeq,1 hr}	40	35	30
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N6	Vibration Nuisance. Vibration emitted from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.																			
N7	Vibration emitted from activities must not exceed the levels specified in Table 2 - Air Blast Overpressure Level & Vibration limits at a vibration sensitive place. Table 2- Air Blast Overpressure Level & Vibration limits at a vibration sensitive place <table><tr><th>Location</th><th>Monday to Friday 9am - 4pm</th><th>Saturdays, Sundays and public holidays</th></tr><tr><td colspan="3">Air Blast Overpressure Level</td></tr><tr><td>Houses and low rise residential buildings and commercial buildings not included below.</td><td rowspan="2">The air blast overpressure must not be more than 115dB Z peak for 4 out of any 5 consecutive blasts; or blasting must not be conducted if the airblast overpressure is more than 120dB Z peak for any blast;</td><td>No blasting to occur</td></tr><tr><td>Commercial and industrial buildings or structures of reinforced concrete or steel construction.</td><td>No blasting to occur</td></tr><tr><td colspan="3">Vibration Limits</td></tr><tr><td>Houses and low rise residential buildings and commercial buildings not included below.</td><td rowspan="2">A ground vibration of not more than 25mm/s ground vibration, peak particle velocity for vibrations of more than 35Hz; or not more than 10mm/s ground vibration peak particle velocity for vibrations of not more than 35Hz.</td><td>No blasting to occur</td></tr><tr><td>Commercial and industrial buildings or structures of reinforced concrete or steel construction.</td><td>No blasting to occur</td></tr></table>	Location	Monday to Friday 9am - 4pm	Saturdays, Sundays and public holidays	Air Blast Overpressure Level			Houses and low rise residential buildings and commercial buildings not included below.	The air blast overpressure must not be more than 115dB Z peak for 4 out of any 5 consecutive blasts; or blasting must not be conducted if the airblast overpressure is more than 120dB Z peak for any blast;	No blasting to occur	Commercial and industrial buildings or structures of reinforced concrete or steel construction.	No blasting to occur	Vibration Limits			Houses and low rise residential buildings and commercial buildings not included below.	A ground vibration of not more than 25mm/s ground vibration, peak particle velocity for vibrations of more than 35Hz; or not more than 10mm/s ground vibration peak particle velocity for vibrations of not more than 35Hz.	No blasting to occur	Commercial and industrial buildings or structures of reinforced concrete or steel construction.	No blasting to occur
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N8	Vibration Monitoring. When requested by the administering authority, vibration monitoring and recording must be undertaken to investigate any complaint of vibration nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: (a) peak particle velocity (mm/s); (b) location of the blast/s within the site (including which bench level); (c) atmospheric conditions including temperature, relative humidity and wind speed and direction; (d) the level and frequency of occurrence of impulsive or tonal noise;																			

	(e) atmospheric conditions including wind speed and direction; (f) effects due to extraneous factors; and (g) location, date and time of recording.
N9	For vibration monitoring the ground-borne vibration transducer (or array) must be attached to a mass of at least thirty (30) kg to ensure good coupling with the ground where the blast site and the measurement site cannot be shown to be on the same underlying strata. The mass must be buried so that its uppermost surface is at the same level as the ground surface.
N10	The ground-borne vibration transducer (or array) must be placed at a distance of at least the longest dimension of the foundations of a noise-affected building or structure away from such building or structure and between that building or structure and the site of the blasting.

Schedule E — Social

Condition number	Condition
E1	Complaint Response The following details for all complaints received must be provided 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.
E2	Where it is determined by an authorised person that the ERA is causing an environmental nuisance at a sensitive receptor, the following action must be taken: (a) address the complaint, including the use of appropriate dispute resolution if required; and (b) immediately implement adequate abatement measures so that the ERA does not result in further environmental nuisance.

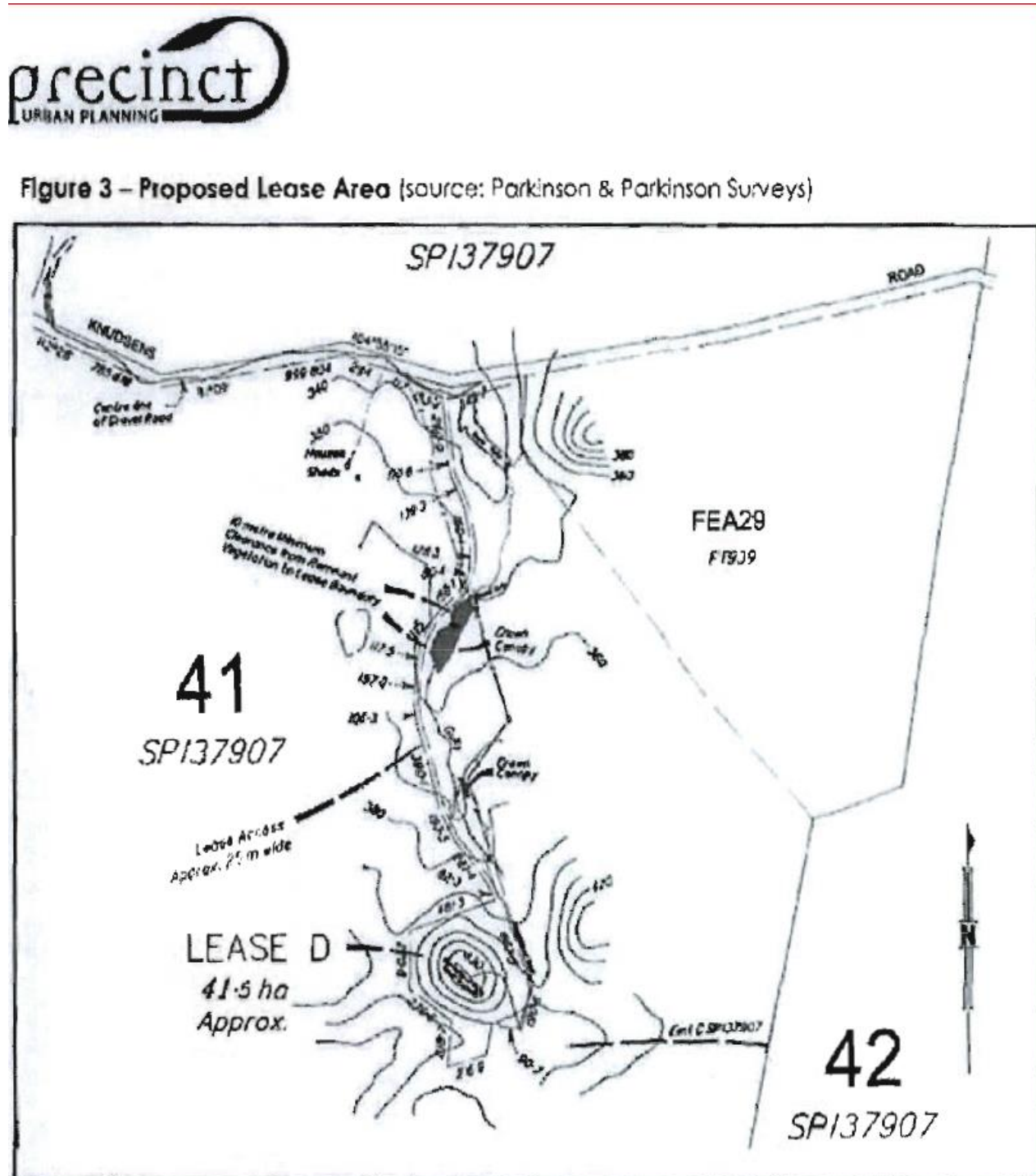
Schedule G — Water

Condition number	Condition
W1	Erosion Protection Measures And Sediment Controls Contaminants other than settled/treated stormwater runoff waters must not be released from the site to surface waters or the bed or banks of surface waters.

W2	Suitable banks and/or diversion drains must be installed and maintained to exclude uncontaminated stormwater runoff from entering any ponds or other operational areas.
W3	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment from the site.
W4	The operator of the ERA must implement a Stormwater Management Plan at least 6 weeks after operations begins which will address but is not limited to: a) How run off from disturbed areas will be managed b) How “clean” stormwater will be diverted from disturbed areas c) How control measures such as stormwater diversion systems, sedimentation zones or structures will be maintained, for example removal of sediment from sediment dams d) A contingency plan in the event that stormwater ponds and sediment dams reach capacity. e) The stormwater management plan should also include an Erosion Management Plan that considers but not limited to: • Steps and measures taken to prevent offsite movement of soil and sediment including control measures such as silt fences or vegetative buffers.

Additional Information:

Attachment 1 – Proposed Lease Area showing Lease D Area



Definitions

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

"administering authority" means the Department of Environment and Heritage Protection or its successor.

"annual return" means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 73F registration certificate that applies to the development approval.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the *Sustainable Planning Act 2009*.

"authorised place" means the place authorised under this development approval 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 Heritage Protection" means the department or agency (whatever called) administering the *Environmental Protection Act 1994*.

"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.

" $L_{Aeq,1\text{ hr}}$ " means the average maximum A-weighted sound pressure level, measured over a representative 60 minutes, using Fast response.

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

"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 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.

"sensitive receptor" 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.

"site" means land on or in which it is proposed to carry out the development approved under this development approval.

"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 development approval.

END OF CONDITIONS