Permit

Environmental Protection Act 1994

Environmental authority EPPR03135115

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

Environmental authority number: EPPR03135115

Environmental authority takes effect on 11-11-2020

Environmental authority holder(s)

Name(s)	Registered address
AUSTRAL MASONRY (QLD) PTY LTD	738 - 780 Wallgrove Road HORSLEY PARK NSW 2175

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
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 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	The Rocks sand quarry Lot 2 on RP731334
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t 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	Mt Kelly sand quarry Lot 59 on SP126373

ABN 46 640 294 485

Queensland Government

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: 11 November 2020

Enquiries:
Energy and Extractive Resources
Department of Environment and Science
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Obligations under the *Environmental Protection Act 1994*

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

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

Part 1- conditions relevant to all activities and locations

Environmentally relevant activity(ies)	Location(s)
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 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	The Rocks sand quarry Lot 2 Plan RP731334
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 ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Mt Kelly sand quarry Lot 59 Plan SP126373

The environmentally relevant activity(ies) conducted at the locations described above for this part must be conducted in accordance with the following conditions.

Agency interest: General	
Condition number	**Condition**
G1	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
G2	An appropriately qualified person(s) must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
G3	Environmental monitoring results must be kept until surrender of this environmental authority. All other information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. All information and records required by the conditions of this environmental authority must be provided to the administering authority**,** or nominated delegate upon request, within the required timeframe and in the specified format.
Agency interest: Air	
Condition number	**Condition**

A1	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.
Agency interest: Water	
Condition number	**Condition**
W1	Contaminants must not be directly or indirectly released from the site to any waters or the bed and banks of any waters, including groundwater.
W2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
Agency interest: Noise	
Condition number	**Condition**
N1	Noise from the activity must not cause an environmental nuisance at any nuisance sensitive or commercial place.
N2	When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of *Table - Noise Limits*, and the results notified within 14 days to the administering authority. Monitoring must include: 1. $L_{Aeq,\ adj,\ T}$; 2. Background noise (Background) as $L_{A\ 90,\ 15\ mins}$; 3. $L_{A1,\ adj\ 15\ mins}$; 4. $L_{A\ max,\ adj,\ 15\ mins}$; 5. the level and frequency of occurrence of any impulsive or tonal noise; 6. atmospheric conditions including wind speed and direction; 7. effects due to extraneous factors such as traffic noise; and 8. recording of location, date and time of measurements.
N3	Noise from the activity must not exceed the levels identified in *Table - Noise limits* when measured in accordance with the associated monitoring requirements. **Table - Noise limits**

	Monday to Saturday	**Sundays and public holidays**

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Noise level dB(A) measured as	7am- 6pm	6pm- 10pm	10pm- 7am	9am - 6pm	6pm- 10pm	10pm- 9am
	Noise measured at a noise sensitive place					
$L_{A90, 15\ mins}$	Bkg + 3	Bkg + 0	Bkg + 0	Bkg + 0	Bkg + 0	Bkg + 0
$L_{A\ max, adj, 15\ mins}$	Bkg + 5	Bkg + 5	Bkg + 3	Bkg + 5	Bkg + 5	Bkg + 0
$L_{A1, adj\ 15\ mins}$	Bkg + 10	Bkg + 10	Bkg + 8	Bkg + 10	Bkg+ 10	Bkg + 5
Noise measured at a commercial place						
$L_{A90, 15\ mins}$	Bkg + 5	Bkg + 0	Bkg + 0	Bkg + 3	Bkg + 0	Bkg + 0
$L_{A\ max, adj, 15\ mins}$	Bkg + 10	Bkg + 10	Bkg + 8	Bkg + 10	Bkg + 10	Bkg + 5
$L_{A1, adj\ 15\ mins}$	Bkg + 15	Bkg + 15	Bkg + 13	Bkg + 15	Bkg + 15	Bkg + 10

Associated monitoring requirements

1. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.
2. Any monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual.
3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in **operation**.

Agency interest: Waste

Condition number	Condition
WA1	All waste generated in carrying out the activity must be reused, recycled, or removed to a facility that can lawfully accept the waste.

Agency interest: Land

Condition number	Condition
L1	Treatment and management of acid sulfate soils must comply with the guidance provided in the current edition of the *Queensland Acid Sulfate Soil Technical Manual.*

L2	**Land** that has been disturbed for **activities** conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces; 2. potential for erosion is minimised; 3. the quality of water released from the site, including seepage, does not cause environmental harm; 4. potential for environmental nuisance caused by dust is minimised; 5. the water quality of any residual water body does not have potential to cause environmental harm; 6. the final landform is stable and protects public safety.
L3	Rehabilitation of disturbed areas required under condition L2, must take place progressively as **works** are staged and new areas of extraction are commenced.

Part 2 - conditions relevant to the following activities and locations

Environmentally relevant activity(ies)	Location(s)
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 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	The Rocks sand quarry Lot 2 Plan RP731334

The environmentally relevant activity(ies) conducted at the locations described above for this part must be conducted in accordance with the following site specific conditions.

Agency interest: General	
Condition number	**Condition**
G1	This environmental authority is for extraction and screening rock or other material in a year a quantity of up to 200,000 tonnes of material.
G2	The proposed Environmentally Relevant Activity must comply with the approved general site layout attached as Appendix 1, except as otherwise specified by any condition of this environmental authority.
G3	All buffer areas must remain vegetated with endemic native species so as to provide an effective screen along the boundaries of the site as shown in Appendix 1.
G4	The operator of an ERA to which this environmental authority relates must. a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; 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.
G5	From commencement of an ERA to which this environmental authority 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; and 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 environmental authority.
G7	All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this environmental authority must be calibrated, and appropriately operated and maintained.
G8	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.
G9	Anyone operating under this environmental authority must be trained in the use of the spill kit.
G10	Telephone the administering authority'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 environmental authority.
G11	A written notice detailing the following information must be provided to the administering authority within 14 days of any advice provided in accordance with condition G10: a) the name of the operator, including their environmental authority 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.
Agency interest: Air	
Condition number	**Condition**
A1	The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any nuisance sensitive or commercial place.
A2	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 (µm) (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.
A3	Stockpiles must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to: a) use of waterspray as required during winds likely to generate such releases; b) use of dust-suppressant shielding; c) storage in bunkers; and d) covering with tarpaulins.
A4	Trafficable areas must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to: a) keeping surfaces clean;

	b) sealing with bitumen or other suitable material; c) using water sprays; d) adopting and adhering to speed limits; and e) using dust suppressants and wind breaks.
A5	The tailgates of all trucks leaving the premises to which this environmental authority relates must be securely fixed prior to loading to prevent loss of material.
A6	The holder of this environmental authority must take all reasonable and practicable measures necessary to prevent spillage and/or loss of particulate matter or windblown dust from trucks used for transporting extracted material from the premises to which this environmental authority relates. The entire load must be covered with a tarpaulin or similar material for the duration of transport. Other, reasonable and practicable measures must include but are not limited to: a) wetting down the load prior to transport; and b) clearing of spillage from side rails, tail gates and draw bars of trucks prior to departure from the premises to which this environmental authority relates and prior to departure from the premises to which this environmental authority relates to which the load has been delivered.
A7	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 (µm) (PM10) suspended in the atmosphere over a 24hr averaging time.
Agency interest: Land	
Condition number	**Condition**
L1	Where required (i.e. for extractive activities) the topsoil must be: a) removed from the activity site prior to the commencement of the activity; b) stockpiled uncompacted to not more than 1.5m high and in a manner that will preserve its biological and chemical integrity; and c) used for rehabilitation of the activity site.

L2	Contaminants must not be released to land.
L3	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.

Agency interest: Social

Condition number	Condition
S1	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: Waste

Condition number	Condition
WA1	No waste may be burned on the site or be removed and burned elsewhere.
WA2	A record of all 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.

Agency interest: Water

Condition number	Condition
W1	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.
W2	Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater runoff from entering any ponds or other structures used for the storage or treatment of contaminants including acid sulfate soils or wastes.

Part 3- conditions relevant to the following activities and locations

Environmentally relevant activity(ies)	Location(s)
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 ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Mt Kelly Sand quarry Lot 59 Plan SP126373

The environmentally relevant activity(ies) conducted at the locations described above for this part must be conducted in accordance with the following site specific conditions.

Agency interest: General	
Condition number	**Condition**
G1	Activities conducted under this environmental authority must be conducted in accordance with the following limitations: 1. Extraction, in a year, must not exceed 60,000m^3; and 2. Extraction must be conducted within the areas identified within Appendix 2 – Approved Plans; and 3. The maximum area for activities must not exceed 15.8 hectares; and 4. Extraction staging must comply with the approved conceptual layout as identified in Appendix 2 – Approved Plans; and 5. Extraction staging must be limited to the following three stages being conducted at the site at any one time: i) Clearing of up to 2 hectares per stage – site preparation with cleared soil and mulched vegetated stockpiled for reuse in rehabilitation ii) Extraction of up to 2 hectares per stage – active extraction site iii) Rehabilitation of up to 2 hectares per stage – previous extraction site undergoing rehabilitation; and 6. The maximum depth of extraction is an average of 2 metres below the pre-disturbance soil surface and must not exceed 14 metres above the Australian Height Datum (AHD).
G2	A permanent survey mark of known AHD must be established by a Registered Surveyor and maintained onsite. Additional reference points must be established in the 25 metre buffer area adjacent to each active extraction site, prior to the commencement of extractive activities in that particular site via laser sighting or equivalent method. These points are to be the "established reference points".

G3	A buffer area of at least 25 metres in width must be maintained in an undisturbed condition along the full length of the southern boundary of the lot, and along the full length of the boundaries of the site.
G4	The activity must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency; 2. establish and maintain control measures that minimise the potential for environmental harm; 3. ensure plant, equipment and measures are maintained in a proper and effective condition; 4. ensure plant, equipment and measures are operated in a proper and effective manner; 5. ensure that staff are trained and aware of their obligations under the *Environmental Protection Act* 1994; and 6. ensure that reviews of environmental performance are undertaken at least annually.
G5	Any breach of a condition of this environmental authority, must be reported to the administering authority as soon as practicable, or at most, within 24 hours of you becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions undertaken.
G6	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority, to investigate a complaint that is not considered by the administering authority to be frivolous or vexatious, of environmental nuisance arising from the activity. The monitoring results must be provided to the administering authority upon request.
Agency interest: Air	
Condition number	**Condition**
A1	An environmental nuisance caused by dust and/or particulate matter is limited to a release to a nuisance sensitive place that exceeds: – Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991.

Agency interest: Water	
Condition number	**Condition**
W1	Notwithstanding any other condition of this environmental authority, the release of stormwater from the authorised place must not: 1. have any properties nor contain any organisms or other contaminants at concentrations which are capable of causing environmental harm; and 2. produce any stick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.
W2	The natural groundwater level must not be lowered as a result of the activity.
W3	A bund of up to 1.5 metres height is to be placed around the active extraction area.

Definitions

Key terms and/or phrases used in this document are defined in this section. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment and Science, its successor or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Australian height datum (AHD) means the datum used to determine elevations in Australia. The AHD is based on mean sea level being zero elevation.

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 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.

Contaminant means (section 11 of the *Environmental Protection Act 1994*) -

a) a gas, liquid or solid; or

b) an odour; or

c) an organism (whether alive or dead), including a virus; or

d) energy, including noise, heat, radioactivity and electromagnetic radiation; or

e) a combination of contaminants.

dB(Lin) peak means the maximum readings in decibels (dB) obtained using 'P' time-weighting characteristic as specified in *Australian Standard AS 1259.1 — 1990 Sound level meters — Part 1: Non-integrating* with all frequency weighted networks inoperative.

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

a) a house, unit, motel, nursing home or other building or part of a building;

b) a caravan, mobile home or other vehicle or structure on land;

c) a water craft in a marina.

Environmental nuisance means (section 15 of the *Environmental Protection Act 1994*) -
Unreasonable interference or likely interference with an environmental value caused by:

a) aerosols, fumes, light, noise, odour, particles, or smoke; or

b) an unhealthy, offensive or unsightly conditions because of contamination; or

c) another way prescribed by regulation (e.g. unreasonable noise or dust emissions).

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 AS 1055.2 — 1997 *Acoustics — Description and Measurement of Environmental Noise - Part 2: Application to Specific Situations.*

$L_{A90,15mins}$ means the average maximum A-weighted sound pressure level exceeded for 90% of any 15 minute measurement period, using fast response.

$L_{A1, adj, 15mins}$ means the average maximum A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 15 minute measurement period, using fast response.

$L_{A max, adj,15 mins}$ means the average maximum A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) for a 15 minute measurement period, using fast response.

Land means land excluding waters and the atmosphere.

mg/L means milligrams per litre.

Noxious means harmful or injurious to health or physical well being**.**

Nuisance sensitive place includes —

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential site; 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.

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.

Site means land or tidal waters on or in which it is proposed to carry out the activities 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
- jn 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 runoff, 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.

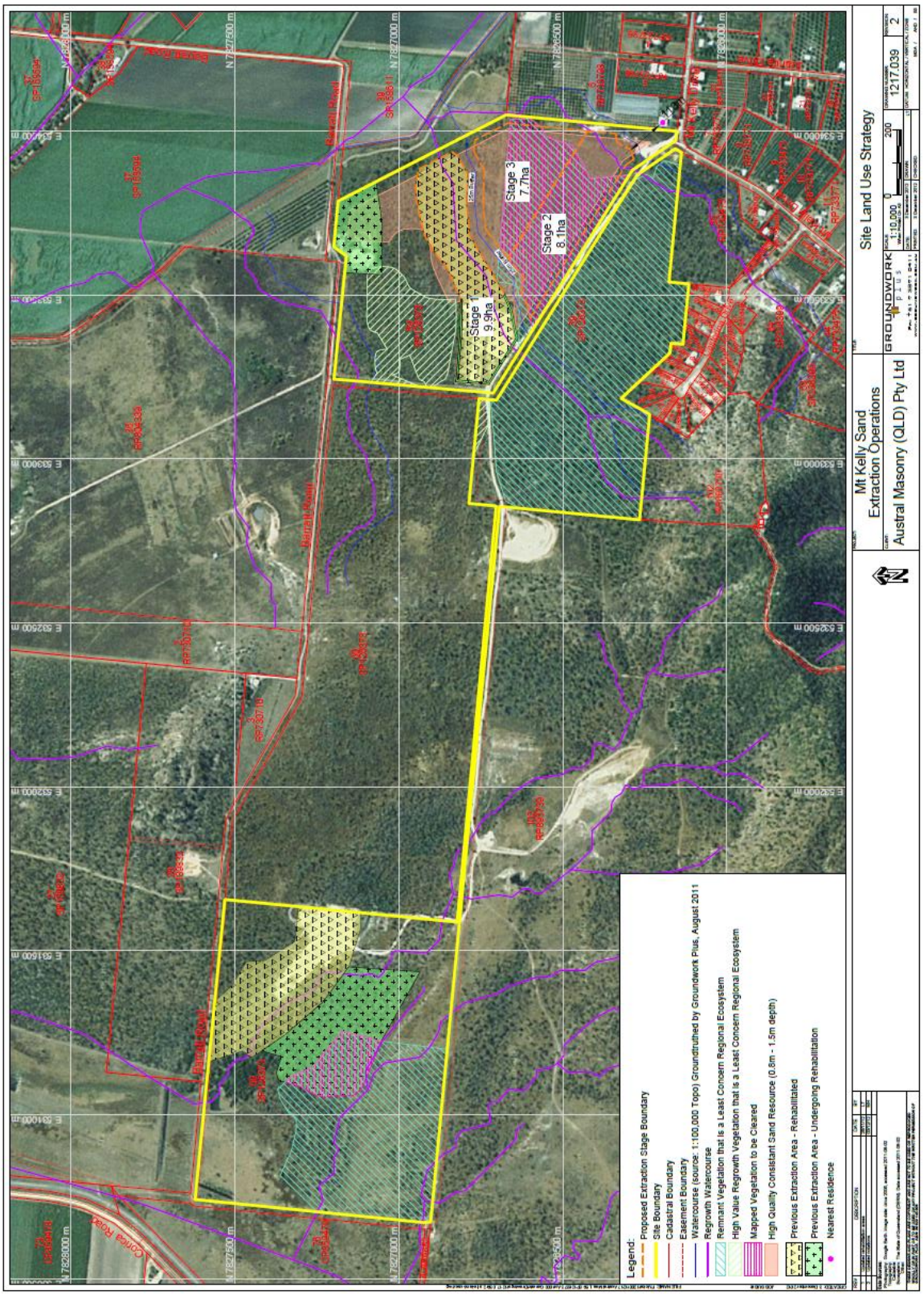
Appendix 1



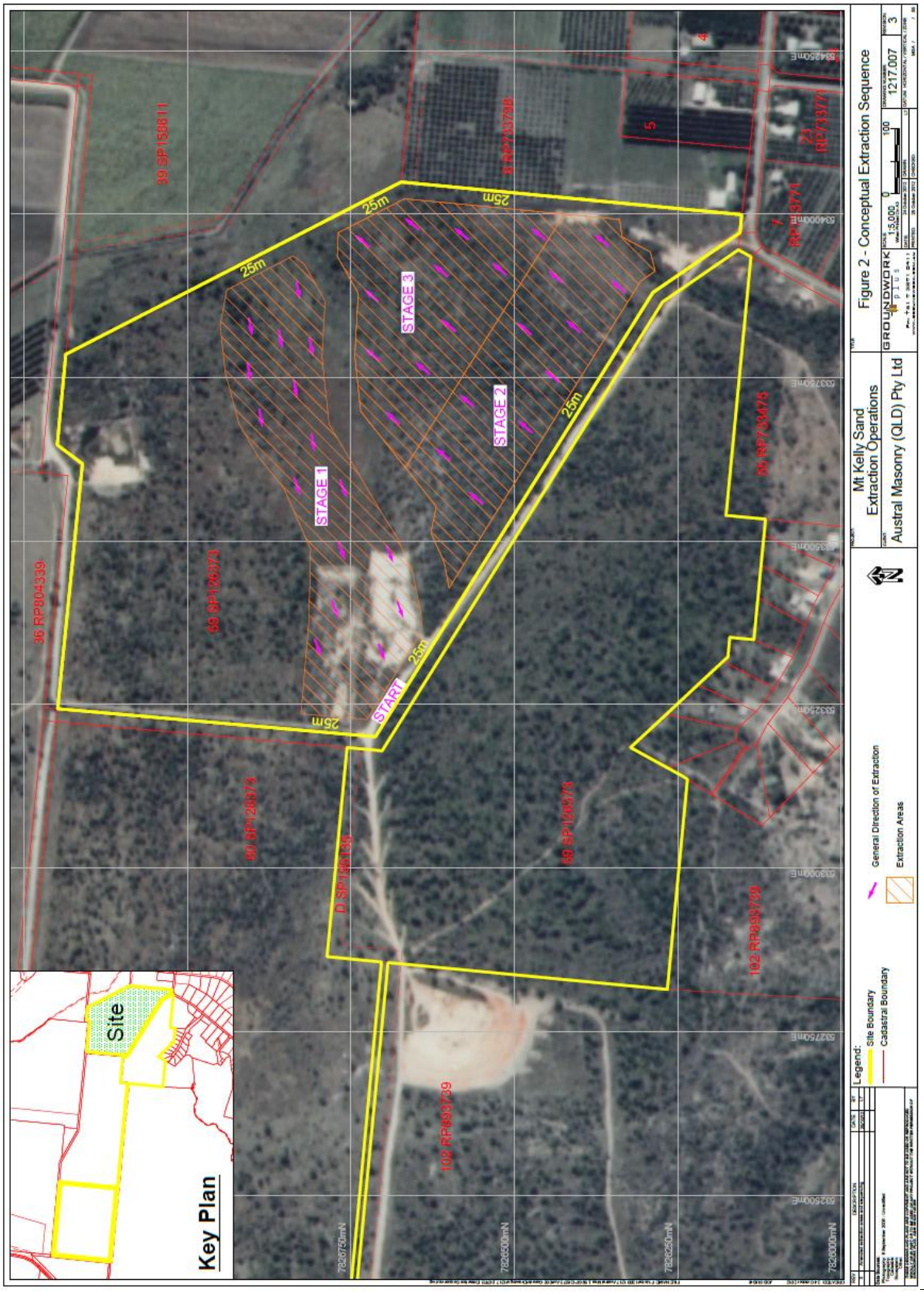
ABN 46 640 294 485

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Appendix 2– Approved Plans



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Figure 2 - Conceptual Extraction Sequence
Mt Kelly Sand Extraction Operations
Austral Masonry (QLD) Pty Ltd
GROUNDWORK plus
1:5,000
1217.007
Legend:
Site Boundary
Cadastral Boundary
General Direction of Extraction
Extraction Areas
Key Plan
Site
START
STAGE 1
STAGE 2
STAGE 3
25m
36 RP804339
39 SP138611
60 SP128373
102 RP893739
5 RP733771
7 RP733771
23 RP733771
6 RP733738
68 RP733475
49 SP128373
6 SP128135

END OF ENVIRONMENTAL AUTHORITY