

Your Ref: Material Change of Use Application  
Our Ref: BE:AG MCU20\0003

27 August 2020

Ramon and Steven Marbelli  
T/A Marb Constructions Pty Ltd  
PO Box 858  
INGHAM QLD 4850

[admin@timrithtransport.com](mailto:admin@timrithtransport.com)

Dear Ramon and Steven

**Amended Decision Notice: Material Change of Use – Extractive Industry (Quarry up to 5,000t)**  
*Planning Act 2016*

Receipt of your application dated 27 February 2020 seeking a Development Permit for Material Change of Use at 533 Cooks Lane Cordelia is acknowledged and its contents noted.

Your application was assessed by relevant staff and considered at Council's General Meeting held on Tuesday 28 July 2020.

Council resolved to approve the proposed application, subject to reasonable and relevant conditions which accord generally with the application as made. Council's Decision Notice is attached for your perusal.

This Notice outlines aspects of the development, Conditions of Approval (if any), currency period, approved plans and includes extracts from the *Planning Act 2016* with respect to making representations about conditions, negotiated decision, suspension of the appeal period and lodging an appeal, should you wish to do so.

Should you require any further information or clarification concerning this matter, please contact Council's Built Environment Support Officer, Aimee Godfrey on 4776 4658 for the necessary assistance.

Yours sincerely



Alan Rayment  
Chief Executive Officer

Encl - Decision Notice



25 Lannercost Street  
INGHAM QLD 4850



PO Box 366 INGHAM QLD 4850  
46 291 971 168



4776 4600  
4776 3233



[council@hinchinbrook.qld.gov.au](mailto:council@hinchinbrook.qld.gov.au)  
HinchinbrookShireCouncil

27 August 2020

SECTION 63 OF PLANNING ACT 2016

## APPLICATION DETAILS

This Decision Notice relates to the below development application:

Application Number	MCU20\0003
Property ID Number	103973
Applicant Details	Ramon and Steven Marbelli T/A Marb Constructions Pty Ltd PO Box 858 INGHAM QLD 4850
Owner Details	RR and MA Holdings Pty Ltd PO Box 1590 INNISFAIL QLD 4860
Property Description	533 Cooks Lane, Cordelia Lot 4 on SP193109
Proposal	Material Change of Use – Extractive Industry (Quarry up to 5,000t)
Level of Assessment	Impact Assessable

## DECISION

Development assessment, as per the provisions of the *Planning Act 2016*, has been undertaken. The information below outlines the specifics of any approval or refusal issued by the Assessment Manager

Decision	The application was approved subject to conditions					
Decision Date	28 July 2020					
Decision Type	Development Permit					
Planning Instrument	Hinchinbrook Shire Planning Scheme 2017					
Submissions	There were three (3) properly made submissions received from the following submitter(s):  <table><tr><td>Robert Corsaro PO BOX 1590 INGHAM QLD 4850</td><td>J and O Catasti c/- Jaycat Earthmoving PO Box 1336 INGHAM QLD 4850</td><td>R and N Poppi PO Box 1285 INGHAM QLD 4850</td></tr></table>			Robert Corsaro PO BOX 1590 INGHAM QLD 4850	J and O Catasti c/- Jaycat Earthmoving PO Box 1336 INGHAM QLD 4850	R and N Poppi PO Box 1285 INGHAM QLD 4850
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## CONDITIONS OF APPROVAL

The conditions of this approval are set out in the Schedule of Conditions. The conditions are identified to indicate whether the Assessment Manager or Referral Agency (if any) imposed them

## REFERRAL AGENCIES

Not Applicable.

## PROPERTY NOTES

Not Applicable.

## FURTHER APPROVALS REQUIRED

This approval does not authorise any filling of land or building work and a development permit for carrying out the above mentioned may require additional assessment.

This approval does not authorise any works within Council's Road Reserve (e.g. new/additional access, repair/modification to existing access or works to footpaths). If this is required as part of your development proposal, an application will need to be lodged with Council or other relevant authority.

## RIGHTS OF APPEAL

The rights of an applicant to appeal to the Planning and Environment Court against a decision about a development application are set out in Chapter 6, Part 1 of the *Planning Act 2016*. There may also be a right to make an application for a declaration by a tribunal (see Chapter 6, Part 2 of the *Planning Act 2016*).

An applicant for a development application may appeal to the Planning and Environment Court against the following:

- The refusal of all or part of the development application;
- A provision of the development approval;
- The decision to give a preliminary approval when a development permit was applied for; and
- A deemed refusal of the development application.

The timeframes for starting an appeal in the Planning and Environment Court are set out in section 229 of the *Planning Act 2016*.

## APPROVAL CURRENCY PERIOD

Pursuant to section 85 of the *Planning Act 2016*, the development approval will lapse six (6) years after the approval starts to have effect, unless otherwise conditioned.

## APPROVED PLANS AND SPECIFICATIONS

The development must be carried out in accordance with the approved plans, specifications and/or drawings, along with the requirements of all relevant laws. Any deviation must have prior approval from the Chief Executive Officer.

Copies of the approved plans, specifications and/or drawings are attached.

## **NOTICE ABOUT DECISION – STATEMENT OF REASONS**

This Notice is prepared in accordance with section 63(5) and section 83(7) of the *Planning Act 2016* to inform the public about a decision that has been made in relation to a development application.

The purpose of this Notice is to enable a public understanding of the reasons for the planning decision, specifically having regard to:

- The relevant part of the Planning Scheme and Assessment Benchmarks against which the application was assessed; and
- Any other information documents or other material Council was either required to, or able to, consider in its assessment.

All terms used in this Notice have the meaning given to them in the *Planning Act 2016*.

The proposed development is considered to be consistent with the relevant overall outcomes and assessment benchmarks of the *Hinchinbrook Shire Planning Scheme 2017*, in particular:

- The application has been approved as it is considered to meet, or have the ability to meet the requirements of the relevant aspects of the *Hinchinbrook Shire Planning Scheme 2017*; and
- Conditions of approval have been included to ensure that compliance with the *Hinchinbrook Shire Planning Scheme 2017*.

Should you require any further information or clarification concerning the Decision Notice, please contact Council's Built Environment Team Leader, Hayley Roy on 4776 4609 for the necessary advice.

Yours sincerely



Electronic

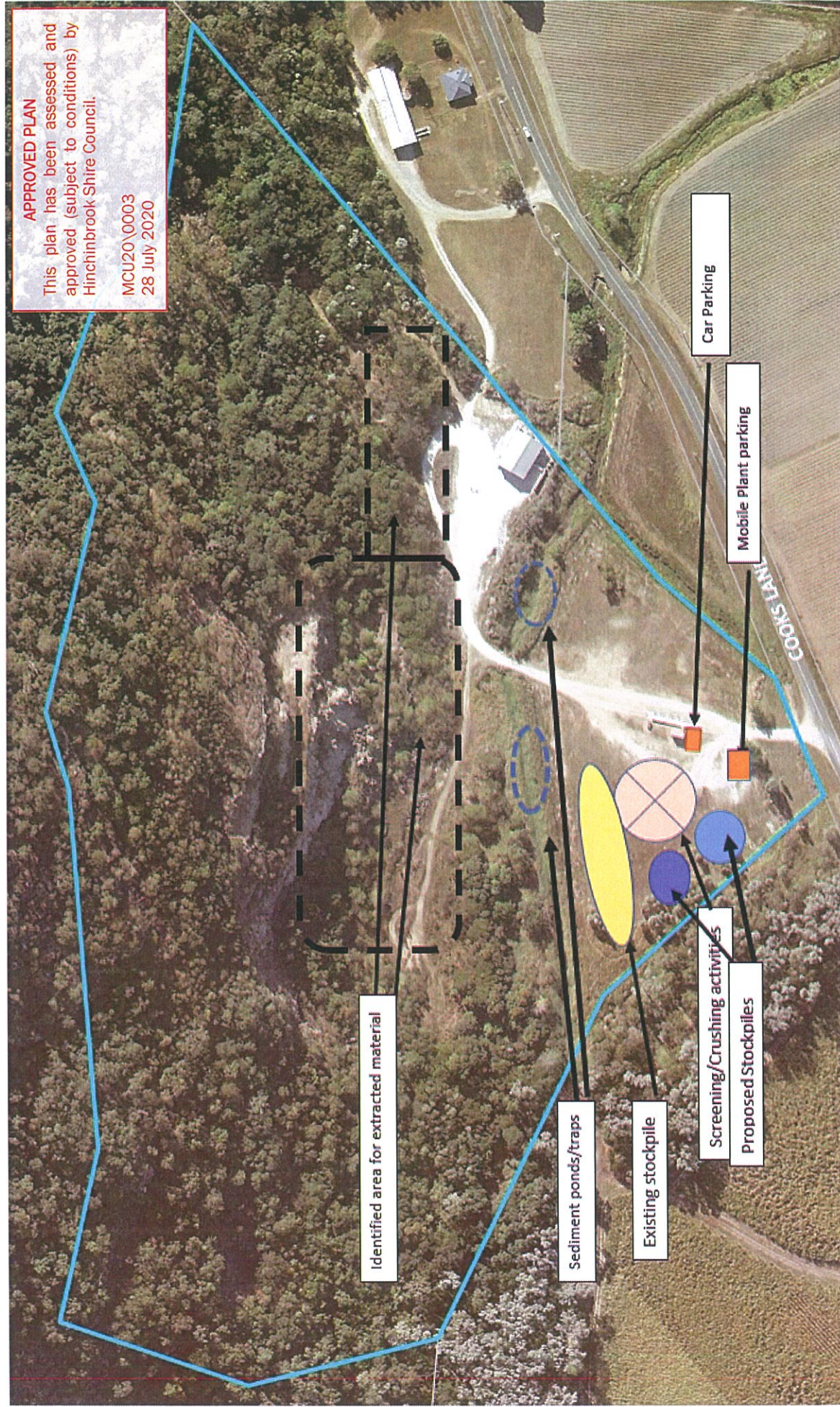
George Milford  
Planning Consultant

CONDITION		TIMING						
1.	<p><b>Administration</b></p> <p>The applicant is responsible to carry out the approved development and comply with relevant requirements in accordance with:</p> <p>1.1 The specifications, facts and circumstances as set out in the application submitted to Council, including recommendations and findings confirmed within relevant technical reports;</p> <p>1.2 The development must unless stated, be designed, constructed and maintained in accordance with relevant Council policies, guidelines and standards; and</p> <p>1.3 The conditions of approval, the requirements of Council's Planning Scheme and best practice engineering.</p>	At all times.						
2.	<p><b>Approved Plans</b></p> <p>2.1 The development and use of the site is to be generally in accordance with the following plans that are to be the Approved Plans of Development, except as altered by any other condition of approval; and</p> <table><tr><th>Plan / Document Name</th><th>Number</th><th>Date</th></tr><tr><td>Site Plan</td><td>N/A</td><td>Received by Council 20 May 2020</td></tr></table> <p>2.2 The extractive industry use must operate in accordance with the Quarry Management Plan accompanying the development application. The applicant is requested to provide an amended Quarry Management Plan to Council for endorsement that:</p> <p>i. Confirms extraction, screening and crushing activities will not exceed 5,000t per year in Section 1.2;</p> <p>ii. Confirm site drainage and sediment control systems will be maintained at all times in Section 4.1;</p> <p>iii. Includes reference to vehicle and machinery spill kits being available in the event of fuel or oil spills from vehicles or machinery;</p> <p>iv. Includes protocols to manage air and dust impacts; and</p> <p>v. Includes protocols to manage acid sulfate soils if encountered during extraction activities.</p> <p>2.3 Where there is any conflict between the conditions of this approval and the details shown on the approved plan and documents, the conditions of approval prevail.</p>	Plan / Document Name	Number	Date	Site Plan	N/A	Received by Council 20 May 2020	At all times.
Plan / Document Name	Number	Date						
Site Plan	N/A	Received by Council 20 May 2020						

CONDITION	TIMING
<p><b>3. Quarry Operations</b></p> <p>3.1 The permitted hours of operation are 7am to 5pm Monday to Friday. The use may not operate on Saturday, Sunday or public holidays.</p> <p>3.2 The extractive industry use operations must not involve the extraction, screening, crushing or storage of materials that exceeds 5,000t per year.</p> <p>3.3 No quarrying activities may occur outside of the 'extraction footprint' identified on the approved site plan.</p> <p>3.4 The developer is to provide an annual report to Council which specifies annual volume of material extracted, screened, crushed and sold from the premises, areas of extraction, areas of rehabilitation, details of any site incidents and regulated waste volumes and destinations.</p> <p>3.5 No material less than 40mm in diameter may be stored on the premises from the period between October to April, unless otherwise approved by Council.</p> <p>3.6 Perimeter fencing is to be installed at the property frontage along Cooks Lane, and where practical, established around the perimeter of the extractive industry use in order to prevent unlawful entry into the premises. Any fencing must be designed and installed so as not to impede the free flow of stormwater.</p>	<p>Prior to the commencement of use and maintained at all times.</p>
<p><b>4. Infrastructure Services</b></p> <p>4.1 The extractive industry use must be connected to the Council reticulated water supply and the existing water connection to the subject land must be maintained.</p> <p>4.2 The extractive industry use must be provided a minimum of one portable toilet during operational periods.</p> <p>4.3 The extractive industry use must be provided with connection to the electricity network or provided with an alternative energy supply, unless otherwise approved by Council.</p>	<p>Prior to the commencement of use and maintained at all times.</p>
<p><b>5. Site Access, Vehicle Manoeuvring and Traffic Impact</b></p> <p>5.1 A Traffic Impact Assessment must be prepared and certified by a RPEQ and submitted to Council for endorsement. The Traffic Impact Assessment must:</p> <ul style="list-style-type: none"> <li>i. Assess the number of vehicles entering and existing the property in association with the use.</li> <li>ii. Include a site distance assessment</li> <li>iii. Evaluate the safety impact of heavy vehicle movements at the site access and onto Cooks Lane.</li> <li>iv. Consider the impact of heavy vehicle movements on the flow of through traffic at Cooks Lane.</li> <li>v. Provide recommendations to avoid, minimise or mitigate traffic safety impacts to the site access or local transport network which must be enacted by the developer.</li> </ul>	<p>Prior to the commencement of use and maintained at all times.</p>

CONDITION	TIMING
<p>5.2 The recommendations resulting from the Traffic Impact Assessment must be implemented by the developer.</p> <p>5.3 The site access is to be installed with lockable gates and locked at all times when the extractive industry use is not in operation, unless otherwise approved by Council.</p> <p>5.4 Vehicle movements associated with the extractive industry use are not permitted within Lot 10 on SP193109.</p> <p>5.5 All internal vehicle manoeuvring areas must be maintained in accordance with the Parking and Access Code of the <i>Hinchinbrook Shire Planning Scheme 2017</i>.</p>	<p>Prior to the commencement of use and maintained at all times.</p>
<p><b>6. Stormwater Management &amp; Soil Erosion and Sediment Control</b></p> <p>6.1 A Stormwater Management Plan must be prepared and certified by a RPEQ and submitted to Council for endorsement. The plan must detail:</p> <ul style="list-style-type: none"> <li>i. Stormwater quantity and quality management strategies that ensure upstream and downstream properties are not adversely impacted as a result of stormwater drainage flows or flooding in accordance with the State Planning Policy – Water Quality;</li> <li>ii. A Soil Erosion and Sediment Control Plan;</li> <li>iii. An assessment ensuring water quality of upstream and downstream catchments are not adversely affected in terms of contamination or increased turbidity;</li> <li>iv. Provide detail in relation to how sediment run-off (including wind and stormwater driven impacts) will be managed; and</li> <li>v. Recommendations to avoid, minimise or mitigate stormwater impacts or erosion and sediment control which must be enacted by the developer.</li> </ul> <p>6.2 The recommendations resulting from the Stormwater Management Plan must be implemented by the developer.</p> <p>6.3 All stormwater from the property must be directed to a lawful point of discharge or follow natural overland flow paths, such that it does not adversely affect surrounding properties or properties downstream from the development in accordance with Part 9.4.1.3 Infrastructure, Services and Works Code of the <i>Hinchinbrook Shire Planning Scheme 2017</i>.</p>	<p>Prior to the commencement of use and maintained at all times.</p>
<p><b>7. Damage to Infrastructure</b></p> <p>In the event that any part of Council's infrastructure is damaged as a result of work associated with the development, Council must be notified immediately of the affected infrastructure and have it repaired or replaced by Council, at no cost to Council.</p>	<p>At all times.</p>

CONDITION	TIMING
<p><b>8. Environmental</b></p> <p>8.1 The extractive industry use is to be conducted in a manner that avoids, minimises or manages emissions or likelihood of emissions of noise that constitutes an intrusive or nuisance noise.</p> <p>8.2 The extractive industry use is to be conducted in a manner that avoids, minimises or manages emissions or likelihood of emissions of dust that constitutes an intrusive or nuisance to air quality.</p> <p>8.3 The extractive industry use is to be conducted in a manner that avoids, minimises or manages emissions or likelihood of emissions of sediment run-off or potential contaminants that may adversely impact on the water quality of receiving waters.</p> <p>8.4 Any hazardous materials or fuels to be stored on-site must be located above the 1% AEP defined flood level.</p> <p>8.5 The extractive industry use must not result in the removal of vegetation mapped as high value or very high value vegetation identified in Overlay Map – OM-07 Environmental Significance Overlay.</p>	<p>At all times.</p>
<p><b>9. Site Rehabilitation Plan</b></p> <p>9.1 The developer is to prepare a Rehabilitation Plan for the extractive industry use and is to be provided to Council for endorsement prior to the commencement of use.</p>	<p>Prior to the commencement of Use.</p>
<p><b>10. Blasting</b></p> <p>10.1 The developer is to prepare a Blasting Management Plan for the extractive industry use and must be provided to Council for endorsement prior to the commencement of use.</p> <p>10.2 Blasting activities may only occur between the hours of 9am to 3pm Monday to Friday.</p>	<p>Prior to the commencement of use and maintained at all times.</p>
<p><b>11. Screening</b></p> <p>11.1 The extractive industry use must be appropriately screened from the view of any public road or thoroughfare.</p> <p>11.2 A landscape strip must be established along the Cooks Lane frontage of the site to the satisfaction of Council.</p> <p>11.3 Screening must not compromise the safe and efficient movement of vehicles at the site and to a public road.</p>	<p>At all times.</p>



## **Quarry Management Plan (QMP) For**

### **IQC Fivestone Quarry**

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Attachment 1: Quarry Operations Map

Attachment 2: Safety and Risk Management Plan

**1 Summary Information**

**Quarry Name:** IQC Fivestone Quarry

**Permittee:** Ramon and Steven Marbelli T/A Marb Constructions

**ABN:** 66 127 270 928

**Site Contact:** Ramon Marbelli **Mobile:** 0427 770 915

**Plan Date:** 26/02/2020

**QMP review date:** 30/09/2020

**1.1 Quarry Description:**

**Location**

<b>LOT 4</b>	<b>PLAN SP193109</b>	<b>SHIRE</b>	<b>HINCHINBROOK</b>
<b>ADDRESS</b>	<b>533 COOKS LANE, CORDELIA QLD 4850</b>		
<b>DATUM GDA94</b>	<b>18°36'560S</b>	<b>146°14'258E</b>	

**Adjoining land use/ forest types:**

The quarry is surrounded by:

- North: Mountainous vegetation
- East: Trees/ Cane land
- South: Trees/ Cane land
- West: Trees / Cane land

**Supply Zone site use**

	Details
Quarry Access	Cooks Lane
Public uses	Nil
Utilities in the area	Nil
Other land uses	Nil

*Other Local Area Details*

**1.2 Operations**

Material Type/s:	Rock Aggregate
Quantity extracted to date:	Unknown
Average Annual extraction:	>5000T
Intended maximum working area (ha):	5 hectares
Quarry life expectancy/Sale duration:	15 years

**1.3 History of Workings**

This property is currently a dis-used quarry. Prior to 2002 it was operated by private enterprise.

**1.4 Development Application Details**

Proposed development:	Re-activation of quarry to gain and store quarry products up to 5000t.
Type of approval sought:	Quarry Activities
Site address:	533 Cooks Lane, Cordelia, QLD 4850
Real property description:	Lot 4 SP193109
Site area:	12 Ha
Assessment manager:	Hinchinbrook Shire Council
Owner details:	RR & MJ Wilkins
Applicant details:	Ramon and Steven Marbelli, T/A Marb Constructions

**1.5 Current Workings**

IQC Limestone Quarry currently used to stockpile quarry material. Operates Monday to Friday 7.00am to 5.00pm.

**1.6 Future Working Proposals**

It is anticipated that the future workings will be to provide rock material for awarded Tenders from HSC for 2018 NDRRA works and 2018 DRFA works.

**1.7 Licence, Authority and Legislative Requirements**

All quarrying activities shall comply with:

- Conditions of the Development Permit issued under the *Sustainable Planning Act 2009*
- To comply with the EPA Act 1994.
- Relevant provisions of the local Government Planning Scheme
- All relevant conditions of the *Mining and Quarrying Safety and Health Act 1999*
- Aboriginal Cultural Heritage Act 2003 and Native Title (Queensland) Act 1993
- All other relevant Legislative requirements.

## **2 Quarry Location**

The quarry is located on Lot 4, land Lease adjacent to the 533 Cooks Lane, Cordelia. The proposed Supply Zone is approximately 5ha in extent with a maximum quarry extent of 12ha.

## **3 Operation of the Quarry**

### ***Quarry Layout***

1. A Quarry Operations Map outlining the area of proposed operations and direction of workings is attached ([Attachment 1](#)). The Quarry Operations Map shall be updated every year having regard for the extent of use over this period.
2. Where appropriate the actual boundary of the quarrying area will be defined using metal star pickets that are marked with durable paint.
3. All buffer zones and keep clear areas shall be defined with appropriate signage.
4. The area of existing workings is 3ha which is envisaged to increase to 5ha
5. Road requirements are the responsibility of the Permittee. Existing and additional tracks used or constructed within the Supply Zone shall be constructed and maintained to an adequate standard to support the proposed traffic without detrimental impacts on streams or drainage lines. Offsite effects of roads within the Sale Area shall be minimised.
6. Vegetation regrowth will be assessed and comply with the Accepted Development Vegetation Clearing Code – Clearing for an Extractive Industry, Hinchinbrook Shire Planning Scheme – Environmentally Significance Overlay Code and other Local and State codes, guidelines and regulations.
7. Clearing must not occur outside the Supply Zone and areas required for access and firebreaks. Cleared debris heaps must be contained within the Supply Zone boundary and is NOT to be pushed and left up against standing trees or encroach upon any watercourse buffer zones.
8. Debris intended for burning must be kept within the Supply Zone in a location where burning shall not cause damage to retained vegetation or rehabilitated areas. The Permittee must conduct all burning responsibly under a permit to burn obtained from the local fire warden.

### ***Risk Prevention.***

9. The Quarry Manager will develop a Safety and Risk Management Plan ([Attachment 2](#)) that will address safety, blasting management, environment protection and fire management. The Quarry Manager will ensure all staff and visitors are given a site induction and that staff are required to participate in emergency response and fire evacuation drills.
10. The applicant must ensure that quarry material is loaded into vehicles in a way that prevents its release from the vehicle into the environment, including the road environment.
11. Quarrying and other activities shall be conducted in accordance with the Mining and Quarrying Safety and Health Act 2018 and Workplace Health and Safety Act 2011 and their associated regulations.

### ***Temporary Closure***

12. Infrastructure (not including roads or permanent structures) may be removed for temporary closure and will be re-established when operations recommence.

## 4 Infrastructure

1. The site drainage, erosion and sediment control systems will be managed while the quarry is developed and worked.
2. Roads: New access roads as shown on the attached map are to be constructed to an acceptable standard. These roads are to be maintained and drained by the Permittee. Watercourse crossings shall not restrict water flow.
3. Negotiations with the lessee on the ultimate extent any buffer zone will define the location for fencing to exclude wildlife and cattle should it be required.

## 5 Air Emissions

1. The quarry will be operated in accordance with conditions as stipulated in the development approval when granted (ERA Permit conditions).

## 6 Water Management and Discharge

1. The area of disturbed land shall be kept to a practical minimum to reduce turbid water run-off into watercourses and the quarry shall be contoured and drained as the operations progress.
2. Where practical, water shall be diverted around the quarry using banks or other drainage structures and shall have passed through a series of drainage structures or sediment traps prior to leaving the quarry. Sites that are steeply sloping are to be avoided where it is not practicable to provide appropriate erosion control measures.
3. Effective drainage structures shall be constructed and maintained at all times on access tracks and sections of the quarry
4. Water management across the quarry shall be managed in accordance with the water management plan as detailed in the Quarry Operations Map

## 7 Environmental Protection And Biodiversity Management

1. All requirements of the Environmental Protection Act 1994, the Nature Conservation Act 1992 as well as associated Environmental Protection Policies and licence requirements shall be met and maintained. If any EV&NT, (Endangered, Vulnerable and Near Threatened) M (Of Management Concern), P (Status Pending) or C (S) (Common but Significant) species are encountered on the quarrying area, these species may only be disturbed with a licence or authority or permit from QPWS or in accordance with an exemption from another act, regulation or conservation plan. Taking or disturbing wildlife listed under the Environment Protection and Biodiversity Conservation Act 1999 may also require approval from the Commonwealth Department of Environment and Heritage. Rare and threatened species, as defined under the Nature Conservation Act 1992 and "of concern" (M) and "status pending" (P) species, as defined in the Species Management Information System (SMIS), shall be managed in accordance with the SMIS where applicable.

## 8 Waste Management

1. No waste materials other than quarry material shall be stored on the Supply Zone. When quarrying is complete, all equipment and rubbish is to be removed and disposed of in an appropriate manner. Only materials and equipment required for the quarry operation are permitted to be stored within the quarry, and these shall not be stored within 70 metres of any watercourse unless otherwise directed.
2. A temporary waste bin shall be provided for general refuse which will be emptied on a regular basis. It shall however be emptied upon cessation of operations or as necessary and disposed of at a facility that can lawfully accept that type of waste. The waste bin shall be located at least 70 metres from any watercourse unless sediment traps are used.

**9 Rehabilitation**

1. Upon completion stockpiled topsoil and any burnt material shall be spread over all exposed areas in a manner that minimises erosion and encourages regeneration of vegetation.
2. The access road must be graded and drainage made effective following completion of each use of the quarry and any existing crossings to be repaired and drained. Temporary crossings are to be removed and crossing points rehabilitated and drained to prevent erosion of the banks.
3. The quarry shall be fully rehabilitated, following final extraction operations, in accordance with the Quarry Rehabilitation Plan. The site must be rehabilitated to stabilise the site and where possible return aesthetic value to the land to a standard similar to the surrounding area or better.

**10 Aboriginal Cultural Heritage**

1. The Permittee has a duty of care under the *Aboriginal Cultural Heritage Act 2003 (Qld)*, to take all reasonable and practicable measures to ensure that quarry operations activity does not interfere or harm Indigenous Cultural Heritage.
2. Accordingly, the Permittee must investigate manage their duty of care.

**11 Monitoring and Review**

**During Operations**

- Regular site inspections must be completed by the quarry operator.
- Quarry Management Plan shall be reviewed on the dates specified to incorporate current site information and any amendments to operations.
- Bunding walls will be inspected after significant rainfall events for effectiveness, and modified as required.

**Rehabilitation**

- Rehabilitation areas will be sign posted after completion for protection, and revisited after predetermined periods for inspection and maintenance. Sites are to be re-inspected within 12 months for recruitment of native species, presence of pests and weeds and erosion.

**12 General Conditions**

1. All quarrying activities shall comply with all relevant legislative requirements including those not mentioned in the QMP.

QMP prepared by Ramon Marbelli

*I (the undersigned and preparer of this QMP) maintain that to the best of my knowledge that the information supplied by me is accurate.*

*R. Marbelli*

Signed:.....

Authorised Officer

21/02/2020

Date:.....

*I (the undersigned) am the Permittee/Permittee's Representative in relation to this QMP and I understand and accept the contents of the Plan and agree to abide by the requirements of the Plan.*

Ramon Marbelli

Name:.....

*R. Marbelli*

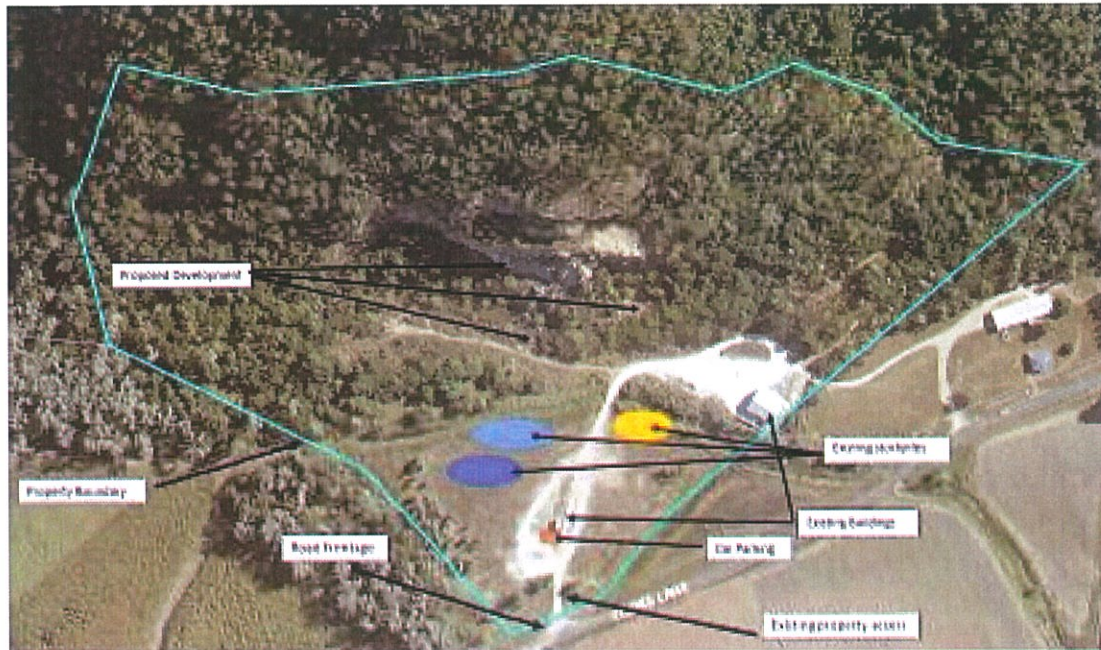
Signed:.....

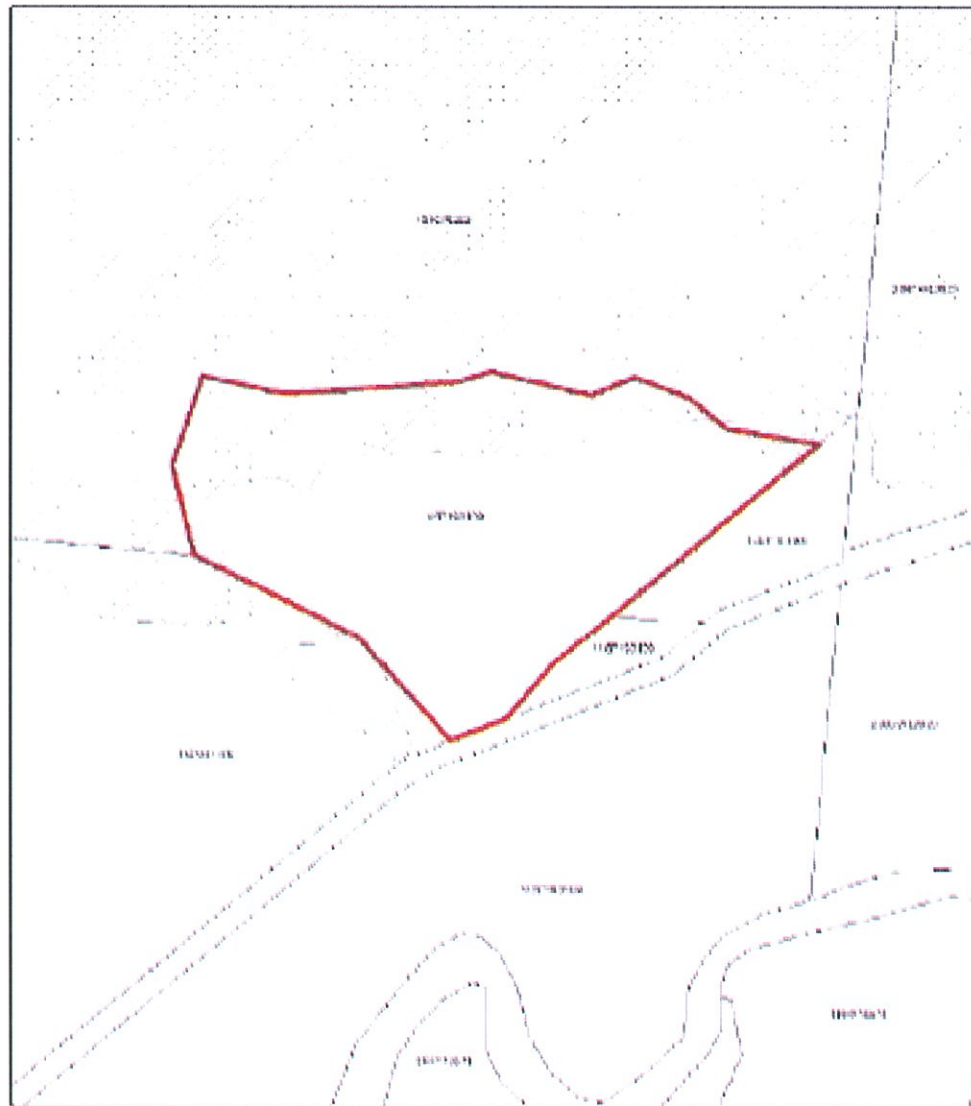
Permittee or Permittee's Representative

21/02/2020

Date:.....

Attachment 1 –Quarry Operations Map





**State Assessment and Referral Agency**

Code: 27/06/2019



**Department of State Development,  
Manufacturing, Infrastructure  
and Planning**

in the State of Queensland 2019

**Legend**

Requires vegetation management plan  
(Category A and B excluded)



Category A of the required vegetation  
management plan



Category B of the required vegetation  
management plan



**Disclaimer**  
This map has been prepared from data collected by 2019 by the Department of State Development,  
Manufacturing, Infrastructure and Planning for the purposes of the Queensland Assessment Mapping  
System. The map is provided for general information only and is not to be used as a basis for  
decision making. The State of Queensland (Qld) is a separate legal entity and is not  
responsible for any errors or omissions. Any decisions made by other parties  
based on this map are made at their own risk. This map is not to be used  
as a basis for any legal or other action.

Attachment 2 – Safety and Risk Management Plan

IQC Fivestone Quarry  
Lot 4 SP193109  
Permittee: R & S Marbelli T/a Timrith Transport

**1. Introduction**

All operations must be carried out in accordance with the *Workplace Health and Safety Act 2011*, *Mining and Quarrying Safety and Health Act 2011* and associated regulations. The Site Safety and Risk Management Plan needs to be applied in conjunction with additional information contained in policies, safety plans or guidelines of the Permittee/Contractor on Forest Products. All Quarrying Personnel must be familiar with the emergency response procedure in case of an accident.

**2. Site-Specific Hazards**

This section is broken up into four sections: General Workplace Health and Safety, Air Emission/Quality, Noise/Vibration and Fire Management.

Consider for example: day to day activities, blasting, method of extraction, fire protection equipment, authorised and unauthorised visitors, terrain, truck route, other hazards such as powerlines, shafts.

**2.1 General Workplace Health and Safety**

- The purpose of this Section is to outline the approved health and safety management practices for the quarry site.
- The main potential impact of the project on health and safety is likely to be inadequate management for emergency situations resulting in injury or death.

Issue	Management Actions	Responsible Person
Risk to workers health and safety	All site activities for quarrying will comply with the Mining and Quarrying Safety and Health Act 1999, the Mining and Quarrying Safety and Health Regulations 2001 and Workplace Health and Safety Act 2011	Quarry Manager
Risk to workers health and safety	Operations shall be performed in a manner that does not endanger staff or the public. A Safety and Risk Management Plan will be prepared for the quarry that includes particular details of risk management for rehabilitation operations.	Quarry Manager
Risk to workers health and safety	A First Aid Kit will be available at the quarry at all times during the operations. It will contain items appropriate to the injuries likely to occur on the work site in accordance with the First Aid In The Workplace Code of Practice (2014).	Quarry Manager

Issue	Management Actions	Responsible Person
Risk to public health and safety	Suitable notice signs shall be erected and maintained at all entrances to the quarry, warning the public that unauthorised entry is not permitted. The quarry entrance shall display signage showing the following wording (or wording to a similar effect) "IQC QUARRY SITE, NO UNAUTHORISED ACCESS, ENTRY BY PERMISSION ONLY, CONTACT PH: 0427 770 915, AUTHORISED BY RAMON MARBELL" and shall be clearly visible to all persons approaching the quarrying area. All signage on the quarrying area shall conform to AS1319 (1994) Australian Standard for Safety Signs in the Occupational Environment.	Quarry Manager
Risk to workers health and safety	Each plant and machinery operator will have the appropriate licence to operate the particular plant and machinery and where appropriate, be accredited to operate that plant or machinery on a quarry site.	Quarry Manager
Risk to workers health and safety	Machinery shall be maintained in a state ensuring their safe operation, and incorporate an appropriate protective structure for the operator (ie. ROPs, FOPs) where required. All equipment used on the quarrying area shall meet the requirements of the various Australian Standards including Australian Standard for Earthmoving Machinery Protective Structures AS 2294.1(1997) and the Australian Standard for Earthmoving Machinery Seat Belts and Seat Belt Anchorages AS 2664 (1983).	Quarry Manager
Risk to workers health and safety	Fire extinguishers will be carried on each machine working on the quarry site. Extinguishers will be kept in good working order and machine operators will be instructed in their use. All fire extinguishers shall conform to AS1841 (2007) Australian Standard for Portable Fire Extinguishers.	Quarry Manager

## 2.2 Air Emissions/Quality

- Any development permit or ERA Registration conditions will be complied with, to prevent or minimise the likelihood of release of contaminants into the atmosphere.
- If air quality measurement is required, air ambient particulate monitoring and analysis shall be conducted in accordance with Australian Standard for Methods of Sampling and Analysis of Ambient Air AS 3580.10.1 (2003), if required in any approval.

\* Potential Impacts on Air Quality

Issue	Management Action	Responsible Person
Public nuisance and health issues from dust from excavation	Dust suppression by watering (water cart/hand spraying) to be used where a visible dust cloud greater than 1.0 m from ground surface is generated during excavation.	Quarry Manager, All staff
Public nuisance and health issues from dust from screening	In the event fines are mobilised the material will be watered down prior to screening.	Quarry Manager, All staff
Public nuisance and health issues from dust from stockpiling	Stockpiles are to be managed to ensure stable slopes and the stockpiles are to be watered to suppress mobilisation of fines off stockpiles.	Quarry Manager, All staff
Public nuisance and health issues from dust from transport	Dust suppression by watering (water cart/hand spraying) to be used where a visible dust cloud greater than 1.0 m from ground surface is generated during excavation. All trucks must pass over a shakedown grid and wheel washing bay when exiting the site.	Quarry Manager, All staff, Truck Drivers
Public nuisance and health issues from dust from transport	All truck loads that leave the quarry site will be covered to limit dust emissions during transportation. Materials leaving the project area with the potential to generate dust will also be covered.	Quarry Manager, All staff, Truck Drivers
Public nuisance and health issues from vehicles	Machinery and equipment to comply with Australian Standards for air emissions and be maintained to Original Equipment Manufacturer (OEM) specifications.	Quarry Manager, All staff
Public nuisance and health issues from blasting	Blast mats will be used if required to ensure that dust and any fly rock emissions are minimised.	Quarry Manager

## 2.3 Noise and Vibration

- Noise and vibration are not anticipated to impact on the broader community as the closest sensitive noise receptor to the site is a residential dwelling located more than 1km away from the site. Noise conditions on site are currently affected by continuous generic mining noise generated by IQC Quarry.
- The effects of noise and vibration may impact on both the health and safety of workers and the surrounding environment.

### Potential Impacts on Noise

Issue	Management Action	Responsible Person
Noise and vibration health issues and hazards	Noise and vibration hazards to workers and the surrounding environment will be identified through continual monitoring, and control methods will be established through Environmental and Safe Work Method Statements. All personnel on site will be required to wear appropriate PPE	Quarry Manager

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Issue	Management Action	Responsible Person
Noise and vibration health issues and hazards	Equipment will be managed, operated and maintained in accordance with OEM specifications to minimise noise and vibration.	Quarry Manager, All staff
Noise and vibration issues and hazards	Blasting is the only practical method of breaking the rock for extraction and use. A blasting plan will be prepared. Blasting will be on a needs basis and limited through blast design, this will reduce processing required to produce gravel sized materials. Each blast strip should produce varied outputs dependent on the length and effectiveness of the blast pattern.	Quarry Manager, Blasting Supervisor, Shotfirer
Noise and vibration issues and fly rock hazards	If blasting methodology is deemed likely to pose a threat to health and safety, mitigation measures will be implemented to reduce explosion velocity. These will include: <ul style="list-style-type: none"> <li>Reducing the blast pattern distance; and</li> <li>decreasing charge weights</li> </ul>	Quarry Manager, Blasting Supervisor, Shotfirer
Noise and vibration and fly rock hazards	Blast mats will be used if required during blasting to reduce the amount of noise and vibration emitted.	Quarry Manager, Blasting Supervisor, Shotfirer
Impact of noise and vibration on native fauna	If blasting is deemed to be impacting native fauna, mitigation measures will be implemented. These will include: <ul style="list-style-type: none"> <li>Limiting the noise generation activities to daylight hours (if nocturnal species are present); and</li> <li>Minimising blasting during the breeding season.</li> </ul>	Quarry Manager

## 2.4 Fire Risk Management

- The quarry site contains a combination of vegetation and areas of dense grasses with a build-up of dead matter which may result in a high risk during some periods of the year.
- Management is required to reduce the risk of wildfire within the landscape as a consequence of quarry activities.
- Consideration will be given to the construction of an external firebreak around the quarry following a risk assessment. All firebreaks will be properly constructed, drained and maintained.

Issue	Management Action	Responsible Person
Increased risk of fire	Every effort shall be taken to prevent fires from starting in the quarry area, to control fires that do start in the quarrying area and to prevent fire leaving the quarry.	Quarry Manager

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Issue	Management Action	Responsible Person
Increased risk of fire	Chipped vegetation will be monitored for possible spontaneous combustion. Chip mulch will be stored in an open area that does not adjoin heavily vegetated areas with high fuel loads to minimise the chance of spontaneous combustion occurring.	Quarry Manager
Increased risk of fire	No burning of waste vegetation is permitted. However, a fuel reduction burn will be conducted if the fire risk becomes unacceptably high. Approval for any fuel reduction burn shall be obtained from the Abergowrie Auxiliary Brigade or the appropriate Rural Fire Warden in consultation with the Lessee.	Quarry Manager
Lack of prevention methods	Provisions will be made for firefighting equipment and facilities (i.e. truck mounted water sprayers and water supply dams) to be available during quarry works. All construction vehicles shall have portable fire extinguishers.	Quarry Manager
Lack of prevention methods	Develop an Emergency Response Plan and training in relation to bushfire prevention and control and liaise with Emergency Services for assistance with development and planning for bushfire situations.  Project personnel with firefighting experience are to be identified.	Quarry Manager

### **3. EMERGENCY RESPONSE PROCEDURE**

All Persons associated with the Quarrying Operations are to be aware of the procedure that applies when the Emergency Number 000 is rung and to be aware of the required response applicable to the Quarry Site.

Information Required	Quarry Site Specific Details*
Location of Ambulance Operations Centre	Ingham
Location of nearest Ambulance Station	Victoria Mill Rd Ingham Qld 4850 Phone: 000 Non Urgent 131 233, 07 4776 5133
Location of Quarry Site*	533 Cooks Lane, Cordelia Qld 4850 18°36'560S 146°14'258E
Ambulance Meeting Point*	18°36'560S 146°14'258E
Helicopter Landing Point* (Lat/Long preferred)	18°36'560S 146°14'258E

### **CONTACTS and Communication Protocols in Case of EMERGENCY**

Identity	Name	Phone Number	Mobile Number	Radio Channel
Permittee	Timrith Transport	0427 770 915	0427 770 915	Uhf 19
Permittee Rep	Ramon Marbelli	0427 770 915	0427 770 915	Uhf 19

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On-Site Quarry Manager (1 <sup>st</sup> Call)	Ramon Marbelli	0427 770 915	0427 770 915	Uhf 19
On-Site Supervisor/ First Aid Officer (2 <sup>nd</sup> Call)	Steven Marbelli	0417 621 970	0417 621 970	Uhf 19