

ID NO.	SUBMITTER	SUB. NO.	KRA NO.	POINTS MADE	ISSUE NO.	ISSUE DESCRIPTION	RESPONSE / ACTION TAKEN
431		108	98	12 KRA 98 delete "decomposed rock"	18	KRA amendments	Point accepted. Reports amended.

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From: Ferenczi Phil
Sent: Tuesday, 14 March 2006 3:03 PM
To: Irwin Malcolm
Subject: RE: Subdivisions around Peak Hill quarry
Hi Malcolm,

The mentioned subdivision proposals involve;

1. Lot 2 on RP607364 (adjacent to Rockhampton-Yeppoon Rd)
I did copy (CC) Bob Baker in on this (16/01/06) because about 40% of this land parcel lies within the KRA 98 (Peak Hill Quarry) separation area.
2. Lot 2 on RP849709 and Lot 1 on RP614078 located in vicinity of Norman and Rockhampton-Yeppoon Roads intersection.

Jacki Wirth is the Department's local Planning and Environment coordinator in this neck of the woods.

cheers for now.

Phil Ferenczi
Regional Geologist
NRM&W Central West Region
Rockhampton
P: 07 4938 4358
F: 07 4938 4310
mob:

-----Original Message-----

From: Irwin Malcolm
Sent: Monday, 13 March 2006 5:28 PM
To: Ferenczi Phil
Subject: RE: Subdivisions around Peak Hill quarry

Phil, if you could get the lot and plan numbers to be subdivided we would be able to assess the impact on our as yet draft Policy. The area on the south-west has always been zoned for residential subdivision so there probably is very little we can do about it. Make sure our Department's local Planning and Environment coordinator refers it to myself or Bob Barker when the development application comes in. I'm not sure if it's Mike Merrin or Jaqui Wirth now.

As you are aware the Rocky Council has been very hesitant to add Peak Hill to their planning scheme.

The manager of the quarry is Garry Anderson at 4939 3822, they have a permit till 2015 so they might not be too concerned. However give them a call and find out their opinions.

Let us know what turns up,
Malcolm Irwin,
Senior Geoscientist,
Mining and Petroleum,
Department of Natural Resources, Mines & Water .

Phone: 07 3227 6656 Fax: 07 3237 1634

From: Ferenczi Phil
Sent: Monday, 13 March 2006 5:09 PM
To: Irwin Malcolm
Subject: Subdivisions around Peak Hill quarry

G'day Malcolm,

Just thought you maybe interested to know there are two separate subdivision proposals in the vicinity of the Peak Hill Quarry (North Rockhampton).

One of the proposals (adjacent to the Yeppoon-Rockhampton Rd) is partly within the (north-western portion) Peak Hill Quarry KRA buffer zone.

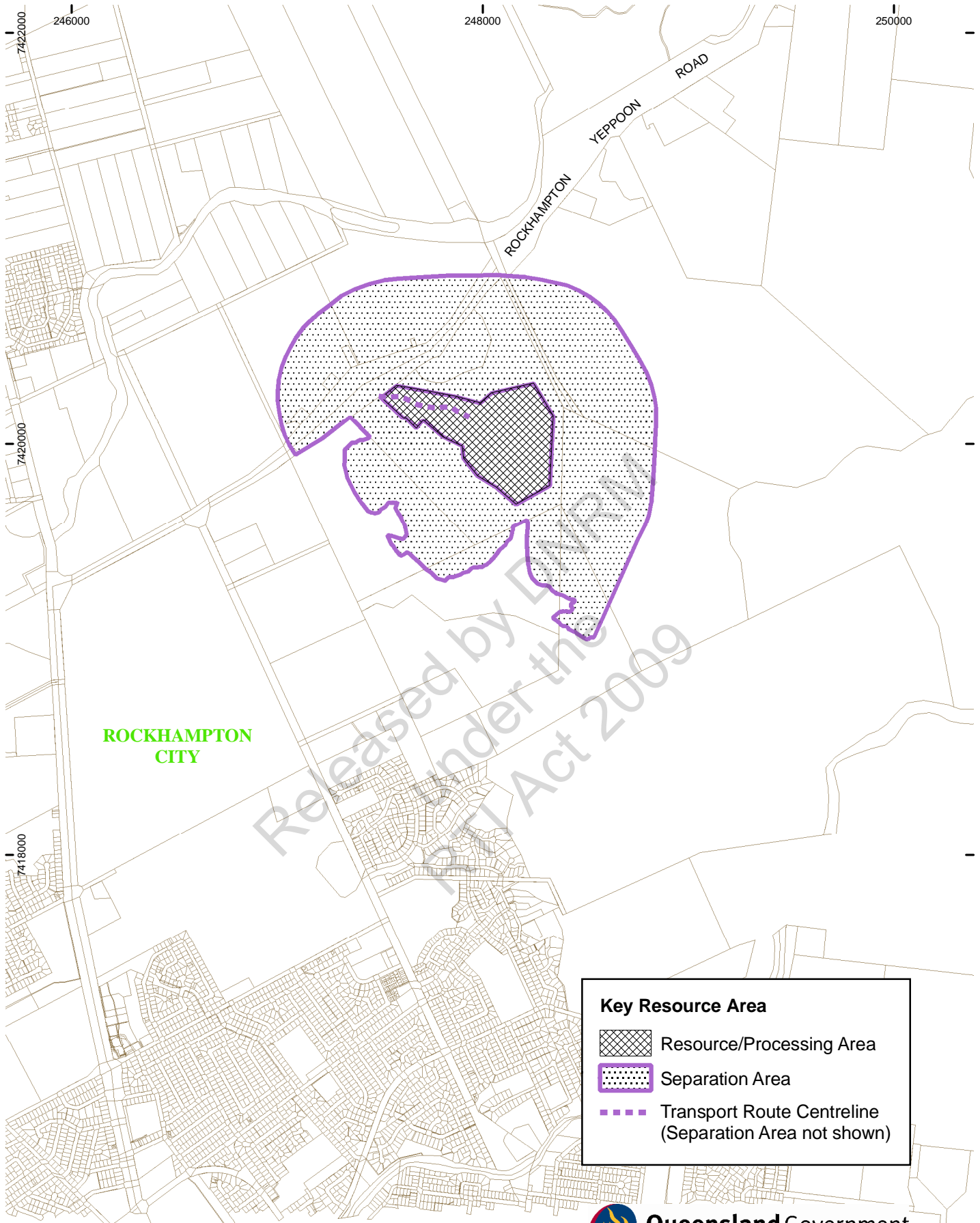
The second RaL is adjacent to Norman Rd and close to the south-western KRA buffer boundary.

Not sure if you have contact details for the quarry operator (manager), but I was thinking about contacting them.

cheers




Phil Ferenczi
Regional Geologist
NRM&W Central West Region
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mob:

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ROCKHAMPTON CITY

Key Resource Area

-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline (Separation Area not shown)

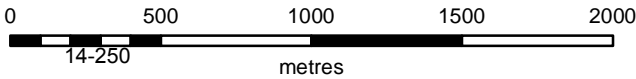


Queensland Government
Department of Mines and Energy

**PEAK HILL
KEY RESOURCE AREA
Rockhampton City**

Rel

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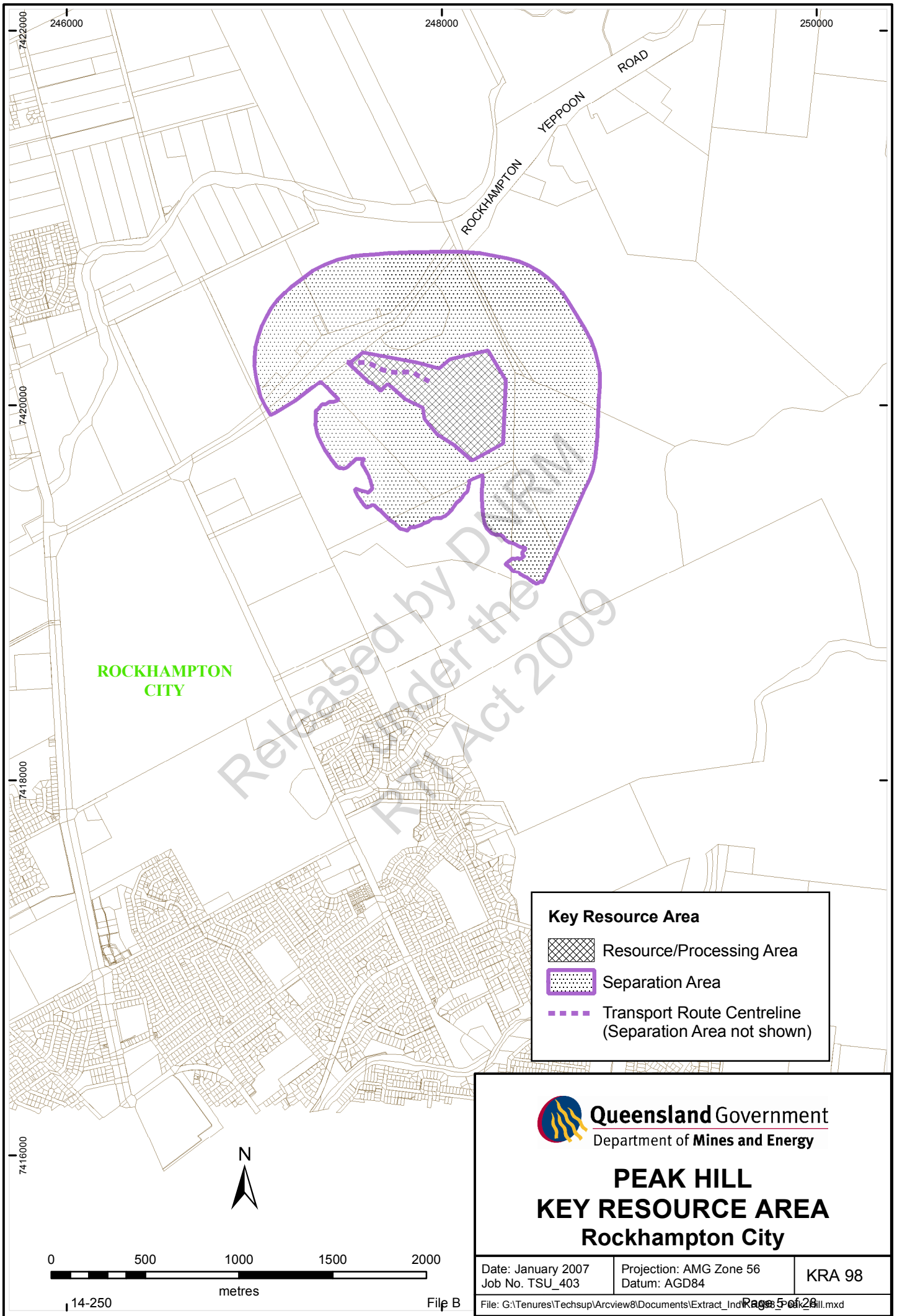


Date: August 2004
File B Job No. TSU_403

Projection: AMG Zone 56
Datum: AGD84

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KRA 98




ROCKHAMPTON CITY

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Key Resource Area

-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline (Separation Area not shown)

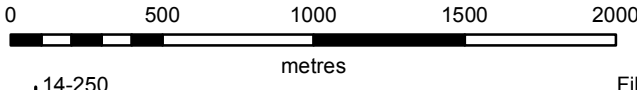


Queensland Government
Department of **Mines and Energy**

**PEAK HILL
KEY RESOURCE AREA
Rockhampton City**

Date: January 2007 Job No. TSU_403	Projection: AMG Zone 56 Datum: AGD84	KRA 98
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File: G:\Tenures\Techsup\Arcview8\Documents\Extract_Ind\KRA 98\KRA 98.mxd Page 5 of 28



From: Irwin Malcolm
Sent: Tuesday, 23 January 2007 3:19 PM
To: Ferenczi Phil
Subject: RE: Peak Hill Quarry KRA

Attachments: Peak Hill KRA98 SGE zoning.pdf; FW: Peak Hill Quarry; RE Peak Hill Quarry - Rockhampton

Phil, I will take note of your recommendations for the future. At present we are locked into the present layout possibly until the first review of the SPP after adoption (7 years or so hence). The amendments which you suggest for the area to the south and west are likely to be constrained by the zonings in the Rockhampton planning scheme (see attached).

When I drew the Peak Hill KRA 98, I had lengthy discussions with Marco Alberti of Rockhampton City Council about the council's intentions for the area. If you have concerns about conflicts with subdivisions around the quarry you might first discuss them with Marco or whoever may have succeeded him, as they always did want to discuss it with us. The shapes they sent me in the attached email formed the basis of the resource/processing area. I would assume that Gary Anderson would need to obtain approval to amend the resource/processing area.

With regard to the issue of auditing locations of extractive industries in the QROCK database, we would greatly appreciate your information on positional discrepancies as we are increasingly overloaded down here,

Regards,

Malcolm Irwin,
 Senior Geoscientist,
 Bureau of Mining and Petroleum,
 Department of Mines & Energy .

Phone: 07 3227 6656 Fax: 07 3237 1634

From: Ferenczi Phil
Sent: Tuesday, 23 January 2007 8:38 AM
To: Irwin Malcolm; Barker Robert
Cc: Dann Russell
Subject: Peak Hill Quarry KRA

G'day Mal and Bob,

A site visit to the Peak Hill Quarry and discussions with Gary Anderson (site manager) leads me to recommend modifications to the KRA Separation Area (see attached WORD doc).

Current activity includes mining material from the southern portion of the resource area (a topographic valley) within 100m of the KRA boundary. **Recommend** that the southern KRA boundary be extended further (about 450m) south (see attachment).

Recommend minor modification to western KRA boundary to factor in topography.

Predominant south and southeast winds blow dust from crushing plant over the Yeppoon-Rockhampton Road and on to northern properties. **Recommend** an extension of the northwestern KRA boundary for an 800m buffer zone.

The quarry is currently producing 250,000 to 300,000tpa of product and will continue at this rate for some time in the foreseeable future. It is likely that

the resource/processing area will expand (as shown) to keep up with product demand.

Happy to discuss issues raised with the site visit and potential conflicts with current subdivision proposals around the quarry site.

Cheers

Phil Ferenczi
Regional Geologist
DME Central West Region
Rockhampton
P: 07 4938 4358
F: 07 4938 4310
mob: s.49 - Personal Info

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From: Ferenczi Phil
Sent: Tuesday, 27 February 2007 11:23 AM
To: Powlett Rebecca
Cc: Dann Russell; Skelding Chris; Mayne Paul; Irwin Malcolm
Subject: Stage 8 Chancellors Estate subdivision proposal

Attachments: Peak Hill 3.doc
Hi Rebecca,

The Chancellors Estate Stage 8 Subdivision proposal lies adjacent to the south-western boundary of the Peak Hill Quarry KRA (see attached figure). Most of the residential properties will be buffered from air blast noise, dust and blasting vibrations from the current quarry operation by the topography.

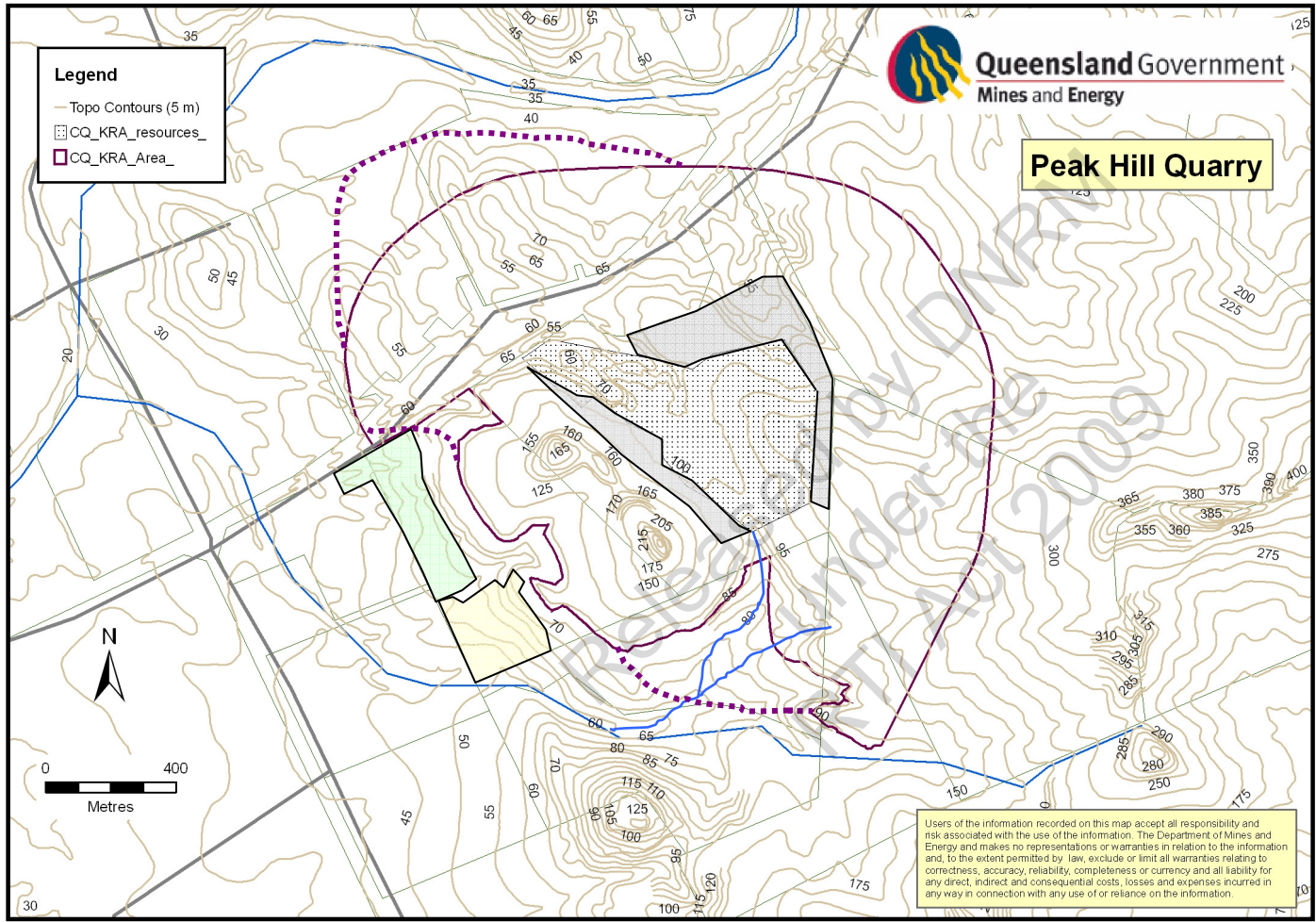
Occasional air blast noise and blast vibrations will be felt by residential properties (ie. 181 to 183, 187 and 188) located in the northern portions of Stage 8 because they lie between 600-650m away from the quarry pit.

I would suggest that the Lots mentioned above may not be suitable for residential poroses while there is extraction of hard rock material in the south-western portion of the quarry pit.

Cheers

Phil Ferenczi
Regional Geologist
DME Central Region
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mob: s.49 - Personal Informat

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KRA Boundary extensions

-
- ▭ Resource / processing area extension
- ▭ Proposed Subdivisions (Stages 4, 5 & 6)
- ▭ Stage 8



DEPARTMENT OF EMPLOYMENT, ECONOMIC DEVELOPMENT AND INNOVATION

STATE INTERESTS RELATING TO ROCKHAMPTON REGIONAL COUNCIL PLANNING SCHEME

3. MINES AND ENERGY PLANNING OBJECTIVES

The Department's objectives in land use planning for mining-related matters are to ensure that existing mines, major extractive operations, and significant resources of minerals, petroleum and extractive materials are protected for the future from conflicting land uses. Such protection should include buffer zones and protection of strategic access routes.

The Department also seeks to ensure that the efficient operation of gas and petroleum pipelines and government explosives magazines is not jeopardised by intensification of settlement and that the safety of the community and the infrastructure is protected.

The Department also wishes to minimise risk to new development in areas which have been affected by past mining activities.

Matters related to energy infrastructure in planning schemes are managed by the relevant energy infrastructure providers.

While State legislation, policies, strategies and regional plans play an important role in land use planning, local government planning schemes continue to be the most appropriate means of achieving such objectives at the local scale.

REQUIREMENTS

Mines and mineral resources

It is important for land use planners and developers to recognise the need to protect mineral resources from uses sensitive to mining impacts. The locations of known mineral resources should be taken into account to avoid future land use conflict.

Section 319A of *Mineral Resources Act 1989* (MRA) requires that all mining leases, mining claims and mineral development licences be shown on planning scheme maps, with a notation to the effect that the Planning Act does not apply to development authorised under the MRA other than for administering the integrated development assessment system (IDAS) under the Heritage Act, in relation to a registered place under the Heritage Act; and that details can be obtained from the chief executive for the MRA or the relevant Mining Registrar.

This requirement is to alert surrounding landholders and intending land purchasers of the activities likely on the land.

Locations of these tenements with supporting attributes can be downloaded from the Department's website at http://www.dme.qld.gov.au/mines/tenure_maps.cfm. Mining Registrars are required to notify local governments of the grant of any new such tenements.

Accordingly the Department recommends that any applications for intensification of development through reconfiguration of lots or material changes of use etc within these tenements be referred to the Department's Resource Planning group in the Geological Survey of Queensland for third party advice, with such advice be taken into account during consideration of applications by Councils. This recommendation extends to any developments immediately adjacent to such tenements.

Locations of significant mineral resources, particularly coal, are available in digital format (see Provision of Information, below). Some of these may not yet be covered by mining leases or mineral development licences. They should also be shown on planning scheme maps and overlays and/or in supporting information. The Resource Planning group can be of assistance in deciding which resources are of sufficient importance to warrant this treatment. Strategies should be outlined in the planning scheme as to how the protection of the resources, and any access routes to them, is to be achieved, such as by limiting or conditioning incompatible development nearby.

Again the Department recommends that any applications for intensification of development within or immediately adjacent to these identified resources and access routes be referred to the Resource Planning group for third party advice before consideration by Council.

Quarries and extractive resources

The Department is not responsible for the administration of extractive industry, but is the lead agency for the identification and planning for regionally significant resources for the future. Some extractive resource sites are capable of producing material suitable for sale as minerals, and thus are required to operate concurrently under a mining lease authorised under the MRA and extractive industry approval under the *Sustainable Planning Act 2009* (SPA).

The State Planning Policy 2/07: Protection of Extractive Resources (SPP 2/07) is a statutory instrument under the *Statutory Instruments Act 1992* and has the force of law as provided for under the SPA. It aims to identify extractive resources of regional significance and protect them and their associated separation areas and transport routes from sterilisation by incompatible development. In line with this policy approach, it is also recommended that the plan addresses how similar protection and access to extractive resources of local significance can be achieved.

The Policy states the requirements for protection of extractive resources and haul routes, which, as a minimum, would require measures to protect resources in defined Key Resource Areas (KRAs) from competing land uses. Transport of materials from extractive industry sites, usually by road, is also a significant planning issue and should be addressed along with protection of the resources themselves.

The full extent of resources at major quarries, together with adequate buffer zones and haul routes, as well as major future resources with notional buffer zones and haul routes, should be shown on planning scheme maps, and/or overlays and addressed in supporting information. The planning scheme should include measures that ensure the protection of the resources, and of their haul routes, for example, by limiting or conditioning incompatible development nearby. The Main Roads group of the Department of Transport and Main Roads may be contacted for advice regarding its Road Traffic Noise Management Code of Practice for haul routes.

A total of four KRAs are located within the Rockhampton Regional Council area. The specific KRAs and their location are shown below:

There are currently located within the Rockhampton Regional Council. These are:

Local Government Area	Key Resource Area	KRA No.
Fitzroy Shire	Benedict Road	18
Livingstone Shire	Nerimbera	21
Fitzroy Shire and Livingstone Shire	Pink Lily	22
Rockhampton City	Peak Hill	98

Details of how to obtain copies of the Policy documents or digital data for the Key Resource Areas are given in the Provision of Information section below.

The Department recommends that, in addition to information it can provide, local governments review their own information on existing quarries and known resources, and plan accordingly to ensure that adequate resources can be protected for the long term needs of the region.

To assist in assessment of applications for intensification of development within or immediately adjacent to Key Resources Areas in SPP 2/07 or other identified resources and haul routes, third party advice may be sought from the Department's Resource Planning group in the Geological Survey of Queensland.

Because of the concealed nature of geological materials, knowledge of the location and extent of all strategically important extractive materials deposits is usually incomplete. To permit the discovery of new resources and their subsequent development, the Department considers that planning schemes should make extractive industry a consistent use in rural zones and in other similarly appropriate planning zones.

Electricity Infrastructure

The Department recommends that relevant electricity transmission and distribution infrastructure providers be consulted during the planning scheme development process, to ensure all issues relating to electricity infrastructure are appropriately addressed.

Gas and petroleum pipelines

It is important for land use planners and developers to recognise the special needs for protection of pipelines so that their integrity and hence the safety of the public and the protection of the environment are maximised.

Section 807 of the *Petroleum and Gas (Production and Safety) Act 2004* provides that a person must not construct or place a structure on pipeline land without the prior consent of all the pipeline licence holders. Section 808 of the Act places restrictions on changing surface of such pipeline land.

The planning scheme should therefore reflect that any applications for development that may include or foreshadow construction works or a change in the land contour levels over a pipeline easement be referred to the pipeline licence holder for consent, and any requirements of that holder be imposed on the development.

For developments proposed immediately adjacent to a pipeline easement, the Department recommends that Councils endeavour to maximise separation distance from the pipeline through mechanisms such as design of road reserves and park contributions. Guidelines on

separation practice are given in Australian Standard 2885, Pipelines—Gas and Liquid Petroleum, which deals with the construction of new pipelines.

Older existing pipelines may not, however, meet the same design standards set out in AS 2885 but the same principle of maximising the separation distance offers good protection for the pipeline from the effects of third party damage.

The routes of pipelines covered by pipeline licences under the *Petroleum and Gas (Production and Safety) Act 2004* can be downloaded from the Department's interactive resource and tenure maps (see Provision of Information, below).

Undermined areas

In areas of past mining activity, Councils should contact the Department to ascertain what information is available about the locations of undermined areas or suspected undermined areas.

Planning schemes should ensure that applications for development in such areas are accompanied by a geotechnical report detailing the extent and nature of underground mining and making recommendations about the layout and design of the proposed development.

Tenures

There are approximately 85 granted Mining Leases (MLs) and 10 granted Mineral Development Licences (MDLs) located within the Council area.

PROVISION OF INFORMATION

The Department's **interactive resource and tenure maps (IRTM)** are available free of charge from its website at: http://www.dme.qld.gov.au/mines/tenure_maps.cfm. Available data include locations of mineral and coal deposits, mining leases, mining claims and mineral development licences, extractive key resource areas with their separation areas and transport routes, and gas and petroleum pipelines.

State Planning Policy 2/07: Protection of Extractive Resources is available on the Department's website at: http://www.dme.qld.gov.au/mines/state_planning_policy.cfm or by contacting the Department on 3237 1434 (Sales Counter) or 3224 2537 (Resource Planning).

For further information, please contact:

Mr Malcolm Irwin, Principal Project Officer, telephone 3227 6656 or email malcolm.irwin@deedi.qld.gov.au. (Mines and Energy issues only)

Attachment 1 DEEDI State Interests

State Issue	State Interest outcomes sought by DEEDI	Relevant section in South East Queensland Regional Plan 2009 - 2031	Other State legislative heads of power	Guidelines / strategies / studies to assist outcomes sought
Mineral and extractive resources	<p><u>Mineral resources</u></p> <ul style="list-style-type: none"> Identify all mining leases, mining claims, mineral development licences and locations of significant mineral resources. These should be shown on planning scheme maps / overlays. Protection of mineral resources for potential future extraction, including provision of appropriate transport corridors and buffers Ensure that planning preserves the opportunity for discovery and development of new resources in appropriate areas <p><u>Extractive resources</u></p> <ul style="list-style-type: none"> Key Resource Areas, buffers and haulage routes should be shown on planning scheme maps / overlays Protection of extractive resources for potential future extraction, including provision of appropriate transport corridors and buffers as per State Planning Policy (SPP)2/07 - <i>Protection of Extractive Resources</i> planning scheme should reflect the intended outcomes of SPP2/07 planning schemes should make extractive industry a consistent use in rural zones and in other similarly appropriate planning zones 	DRO 4.2 Land, extractive resources, mineral, forestry and fisheries	SPP2/07 - Protection of Extractive Resources and Guidelines <i>Mineral Resources Act 1989</i>	

DOIG Barbara

From: Irwin Malcolm
Sent: Wednesday, 30 March 2011 2:09 PM
To: JWalker@buckvann.com.au
Subject: FW: Rockhampton Regional Council Quarry locations
Attachments: RockyRC Pits LGA Planning 1.xls

Josh, please find attached the sales permit areas from DERM Forest Products. The only site that I can see named in common with our list is the Yaamba operation by Earth Commodities. You would need to check the coordinates to see if some of our data is based on pits permitted by Forest Products.

Some of these may not be very large operations. A significant undeveloped resource is the State Land adjacent to the Nerimbera quarry, which is part of KRA 21.

Regards,

Malcolm Irwin,
Principal Project Officer,
Resource Planning
Geological Survey of Queensland

Department of Employment, Economic Development and Innovation

Phone: 07 30355288 Fax: 3237 1534 Level 10: 119 Charlotte Street, Brisbane 4000

PO Box 15216 City East 4002

www.dme.qld.gov.au

From: Irwin Malcolm
Sent: Monday, 21 March 2011 1:08 PM
To: 'Josh Walker'
Subject: RE: Rockhampton Regional Council Quarry locations

Josh, I am not able to answer all parts of your query. However the list attached shows all operating suspended or closed extractive industries in the region.. Mineral and mining information is located on the Mines and Energy website, thru the Interactive Resource and Tenure Map (IRTM) at <https://webgis.dme.qld.gov.au/webgis/webqmin/Run.htm> and spatial data can be downloaded

It is difficult to confirm details of transport routes without visiting sites or obtaining permit information from Councils. For resources other than our KRAs, expansion and investigation areas are also difficult to anticipate. Having said that, DERM Forestry is negotiating to release land at Peak Hill KRA 98; I understand you are talking to Dave Taylor of DERM about that.

Two suspended operations of significance are the Stanwell hard rock owned by Hanson, this was held up by a Council decision to change the haul route to that shown in our KRA map (Benedict Road, KRA 18). Hanson decided no to proceed as the road would need upgrading. The other one is the Kinka quarry owned by Qld Transport, this supplies armour rock for the Rosslyn Harbour and coastal works, and is only used for special projects so is reactivated when needed, however local info suggests it is being encroached on by residential development.

Hopefully this will be adequate for use for the planning scheme study,

Regards

Malcolm Irwin,
Principal Project Officer,
Resource Planning
Geological Survey of Queensland

Department of Employment, Economic Development and Innovation

Phone: 07 30355288 Fax: 3237 1534 Level 10: 119 Charlotte Street, Brisbane 4000

PO Box 15216 City East 4002

www.dme.qld.gov.au

From: Josh Walker [mailto:]
Sent: Monday, 14 March 2011 12:28 PM
To: Irwin Malcolm
Cc: Doig Barbara; Mary Mealey
Subject: Rockhampton Regional Council Quarry locations

Hi Mal,

Thank you very much for taking the time to speak with me again this morning – the information that you raised will again be very useful for our new study.

As discussed, we are currently preparing a rural land study for Rockhampton Regional Council (the same sort of study that we recently did for Townsville) which will inform the preparation of their new planning scheme.

As part of this study, we are investigating extractive resources in the region. Currently we have all of the information that was contained within the current planning schemes and also the KRA information from the SPP, however I don't believe that this information tells the whole story, nor do I believe it is the most up-to-date or accurate. Therefore, I would really appreciate it if you could assist by providing the following information:

- Information on all current extractive resources in the region (i.e. location descriptions, maps, haul routes, description of resource, mine-life timeframes and any other operation details that you may feel are applicable);
- A list of extractive industries that are currently in operation in the region;
- A list of extractive industries that may not be in use anymore;
- A list of extractive industry that may have approval but are not yet operating and any other information you may have on these uses;
- Any proposed expansion areas; and
- Investigation areas.

Thanks again for your assistance. Should you wish to discuss anything further, please do not hesitate to contact me.

Kind regards,

Josh Walker
Planner

Buckley Vann TOWN PLANNING CONSULTANTS

Ground Floor, 140 Brunswick Street, Fortitude Valley
PO BOX 205 Fortitude Valley Q 4006
p 07 3852 1822 | f 07 3852 1750 | w www.buckvann.com.au

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Quarries in Rockhampton Regional Council under Forestry Act Sales Permit (Quarry Name)	Location	Permittee	Quarry Centroid GPS Coordinates
Yamba Quarry	Yaamba	Earth Commodities	S 23 ⁰ 08' 17" E 150 ⁰ 20' 34"
Pistol Gap Quarry	Byfield State Forest	RD & PM Murphy	S 22 ⁰ 55' 41" E 150 ⁰ 41' 43"
Quarry Reserve Kooltandra-Ogmore Road Pit	Rubetzke Property Kooltandra-Ogmore Road	Rockhampton Regional Council	S 22 ⁰ 39' 51" E 149 ⁰ 41' 33"
Quarry Reserve	Rubetzke Property Ogmore	Rockhampton Regional Council	S 22 ⁰ 36' 37" E 149 ⁰ 41' 32"
Marlborough Holding Pit	Coorumburra Road Marlborough	Rockhampton Regional Council	S 22 ⁰ 54' 58" E 149 ⁰ 53' 10"
Howkins Pits 1 & 2	Rosewood Road Wycarba	Rockhampton Regional Council	S 23 ⁰ 29' 21" E 150 ⁰ 09' 17"
Nine Mile Road Pit	Nine Mile Road Mt Morgan	Rockhampton Regional Council	S 23 ⁰ 42' 17" E 150 ⁰ 24' 58"
Princhester Road Pit	Princhester Rd Kunawarara	Rockhampton Regional Council	S 22 ⁰ 52' 00" E 150 ⁰ 01' 00"
Stoodleigh Road Pit No 2	Stoodleigh Road Ogmore	Rockhampton Regional Council	S 22 ⁰ 38' 32" E 149 ⁰ 53' 24"
Proposed Quarries in Rockhampton Regional Council	Location	Permittee	Quarry Centroid GPS Coordinates
Jims Pit Quarry	Yeppoon Rd, Parkhurst adjacent KRA 98	Earth Commodities	S 23 ⁰ 18' 22" E 150 ⁰ 32' 32"
Potential Future Resource			
State land adjacent to Nerimbera quarry KRA 21	Nerimbera	N/A	S 23 ⁰ 23' 20" E 150 ⁰ 36' 10"
Adjacent Jims Pit	Yeppoon Rd, Parkhurst	N/A	S 23 ⁰ 18' 17" E 150 ⁰ 32' 44"
Bouldercombe Reserve	Burnett Highway Bouldercombe	Nil	S 23 ⁰ 30' 05" E 150 ⁰ 29' 29"
GHPL 35/9836	Glenprairie Road Marlborough	Nil	S 22 ⁰ 45' 31" E 149 ⁰ 53' 14"
Kooltandra Pit	Ogmore-Kooltandra Road	Nil	S 22 ⁰ 43' 18" E 149 ⁰ 45' 22"

Lot on Plan	Sale Permit No.	Product	Resource Size
Lot 93 LN801012	20091302	Sand	Medium
Lot 865 FTY 1835	20081301	Hardrock	Medium
Lot 3 on CP859708	00133588	Gravel	
Lot 2 on CP859707	00133588	Gravel	
Lot 2 on LI334	00133588	Gravel	
Lot 158 on LN578	00133588	Gravel	
Lot 69 on RN776	00133588	Gravel	
Lot 10 on SP160583	00133588	Gravel	
Lot 4 on LI800820	00133588	Gravel	
Lot on Plan	Sale Permit No.	Product	
Part Lot 1 SP199378 & Part Lot 2 SP 199378	N/A	Hard rock	Large

Lot 120 on Plan LN174	N/A	Hard Rock	Large
Adjacent to proposed Jims Pit - balance of Lot 1 SP199378 & Lot 2 SP 199378	N/A	Hard Rock	
Lot 950 on FTY1794	N/A	Decomposed Granite	
Lot 61 on LI801086	N/A	Gravel	
Lot 193 on MC550	N/A	Gravel	

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


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ROCKHAMPTON YEPPOON ROAD

ROCKHAMPTON REGIONAL

Released under RTI Act 2009

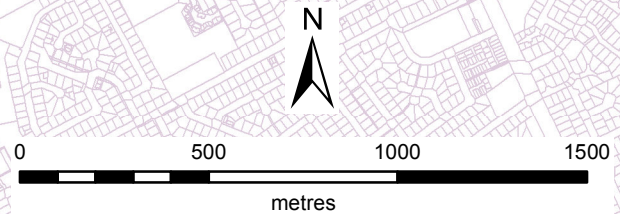
Key Resource Area

-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline (Separation Area not shown)



**Queensland
Government**

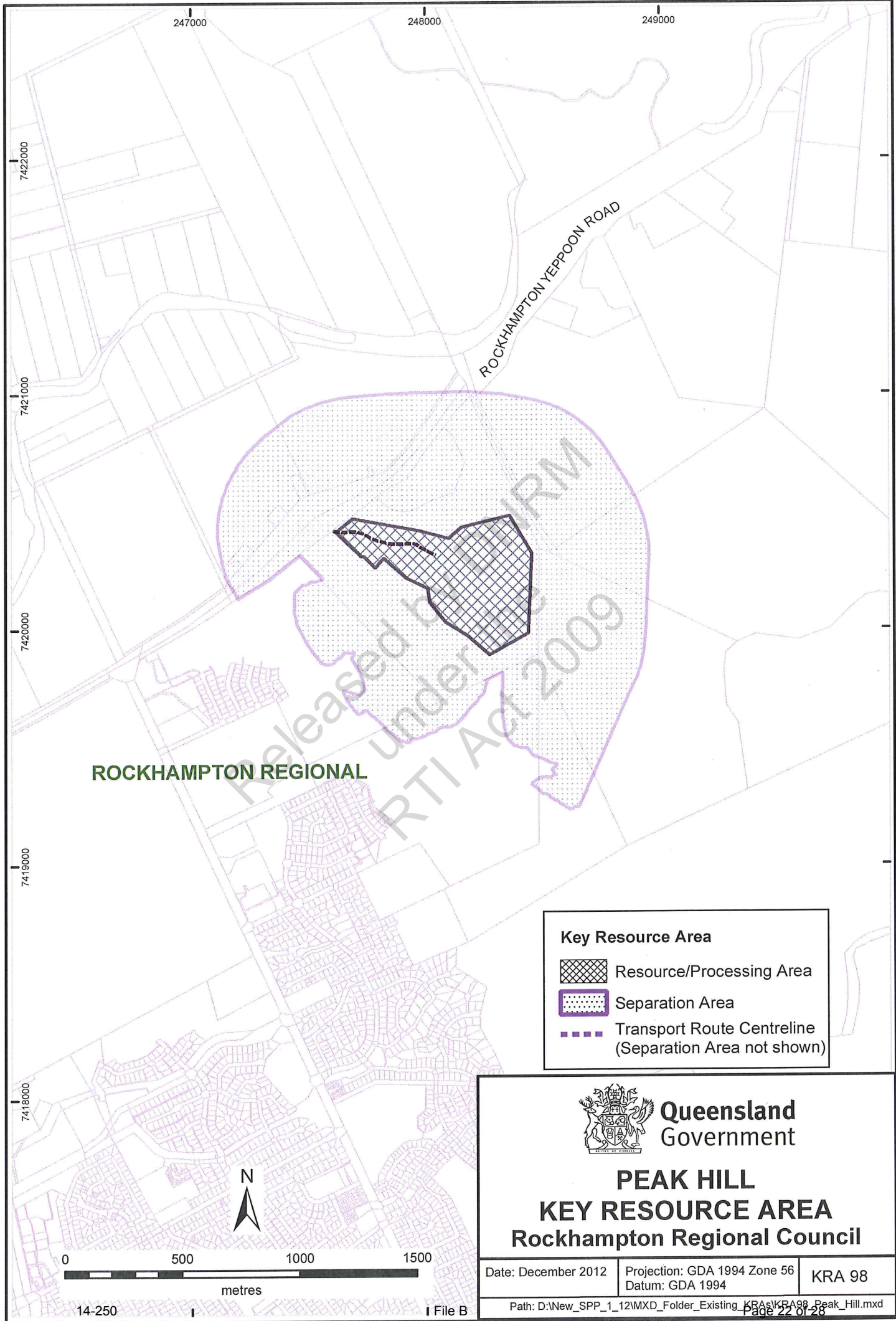
**PEAK HILL
KEY RESOURCE AREA
Rockhampton Regional Council**



Date: December 2012

Projection: GDA 1994 Zone 56
Datum: GDA 1994




KRA 98




ROCKHAMPTON REGIONAL

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Key Resource Area

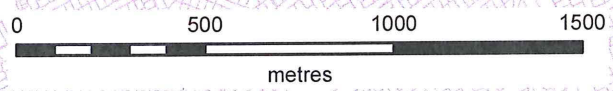
-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline (Separation Area not shown)



**Queensland
Government**

**PEAK HILL
KEY RESOURCE AREA
Rockhampton Regional Council**

Date: December 2012	Projection: GDA 1994 Zone 56 Datum: GDA 1994	KRA 98
Path: D:\New_SPP_1_12\MXD_Folder_Existing_KRA\KRA98_Peak_Hill.mxd		






ROCKHAMPTON REGIONAL COUNCIL

ROCKHAMPTON YEPPOON ROAD

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RTI Act 2009

Key Resource Area

-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline
(Separation Area not shown)



**Queensland
Government**

**PEAK HILL
KEY RESOURCE AREA
Rockhampton Regional Council**



Date: October 2013

Projection: GDA 1994 Zone 56
Datum: GDA 1994

KRA 98

PEAK HILL KEY RESOURCE AREA – KRA 98

LOCAL GOVERNMENT AREA: Rockhampton Regional Council

LOCATION:

The resource is 8 kilometres north of Rockhampton on the Rockhampton to Yeppoon road (see map KRA 98).

EXTRACTIVE RESOURCE: Quarry Rock

EXTRACTIVE RESOURCE DESCRIPTION:

The resource consist of andesitic tuff and a small diorite and gabbro intrusion which form two northwesterly trending ridges to the north of Norman Gardens on the northern outskirts of Rockhampton. An operating quarry is sited on the resource. The resource extent has been outlined on the basis of the area zoned as Extractive Industry on the Rockhampton City planning scheme.

SIGNIFICANCE:

The existing operation produces a considerable proportion of the hard rock consumed in Rockhampton city and the surrounding region. The resource is sufficient to continue for over twenty years at its present rate of production.

SEPARATION AREA:

As the resource is surrounded by higher ridges to the north, east, and southeast, the separation area adopted in those areas extends to the first high ridge, a distance of approximately 500 metres. In this sector the separation area includes the Yeppoon Road and Berserker Range Environmental Areas.

In the remainder, the variable separation distance is set by the Norman Road Slope Constraint Area boundary that controls the permissible extent of urban development on the basis of slope, and is as narrow as 100 metres where subdivision has extended up to the slope boundary.

TRANSPORT ROUTE:

The material is transported via the Rockhampton – Yeppoon Road which passes through the separation area.

PEAK HILL KEY RESOURCE AREA – KRA 98

LOCAL GOVERNMENT AREA: Rockhampton City

LOCATION:

The resource is 8 kilometres north of Rockhampton on the Rockhampton to Yeppoon road (see map KRA 98).

EXTRACTIVE RESOURCE: Quarry Rock

EXTRACTIVE RESOURCE DESCRIPTION:

The resource consist of andesitic tuff and a small diorite and gabbro intrusion which form two northwesterly trending ridges to the north of Norman Gardens on the northern outskirts of Rockhampton. An operating quarry is sited on the resource. The resource extent has been outlined on the basis of the area zoned as Extractive Industry on the Rockhampton City planning scheme.

SIGNIFICANCE:

The existing operation produces a considerable proportion of the hard rock consumed in Rockhampton City. The resource is sufficient to continue for over twenty years at its present rate of production.

SEPARATION AREA:

As the resource is surrounded by higher ridges to the north, east, and southeast, the separation area adopted in those areas extends to the first high ridge, a distance of approximately 500 metres. In this sector the separation area includes the Yeppoon Road and Berserker Range Environmental Areas.

In the remainder, the variable separation distance is set by the Norman Road Slope Constraint Area boundary that controls the permissible extent of urban development on the basis of slope, and is as narrow as 100 metres where subdivision has extended up to the slope boundary.

TRANSPORT ROUTE:

The material is transported via the Rockhampton – Yeppoon Road which passes through the separation area.

PEAK HILL KEY RESOURCE AREA – KRA 98

LOCAL GOVERNMENT AREA: Rockhampton [City Regional Council](#)

LOCATION:

The resource is 8 kilometres north of Rockhampton on the Rockhampton to Yeppoon road (see map KRA 98).

EXTRACTIVE RESOURCE: Quarry Rock

EXTRACTIVE RESOURCE DESCRIPTION:

The resource consist of andesitic tuff and a small diorite and gabbro intrusion which form two northwesterly trending ridges to the north of Norman Gardens on the northern outskirts of Rockhampton. An operating quarry is sited on the resource. The resource extent has been outlined on the basis of the area zoned as Extractive Industry on the Rockhampton City planning scheme.

SIGNIFICANCE:

The existing operation produces a considerable proportion of the hard rock consumed in Rockhampton [Citycity and the surrounding region](#). The resource is sufficient to continue for over twenty years at its present rate of production.

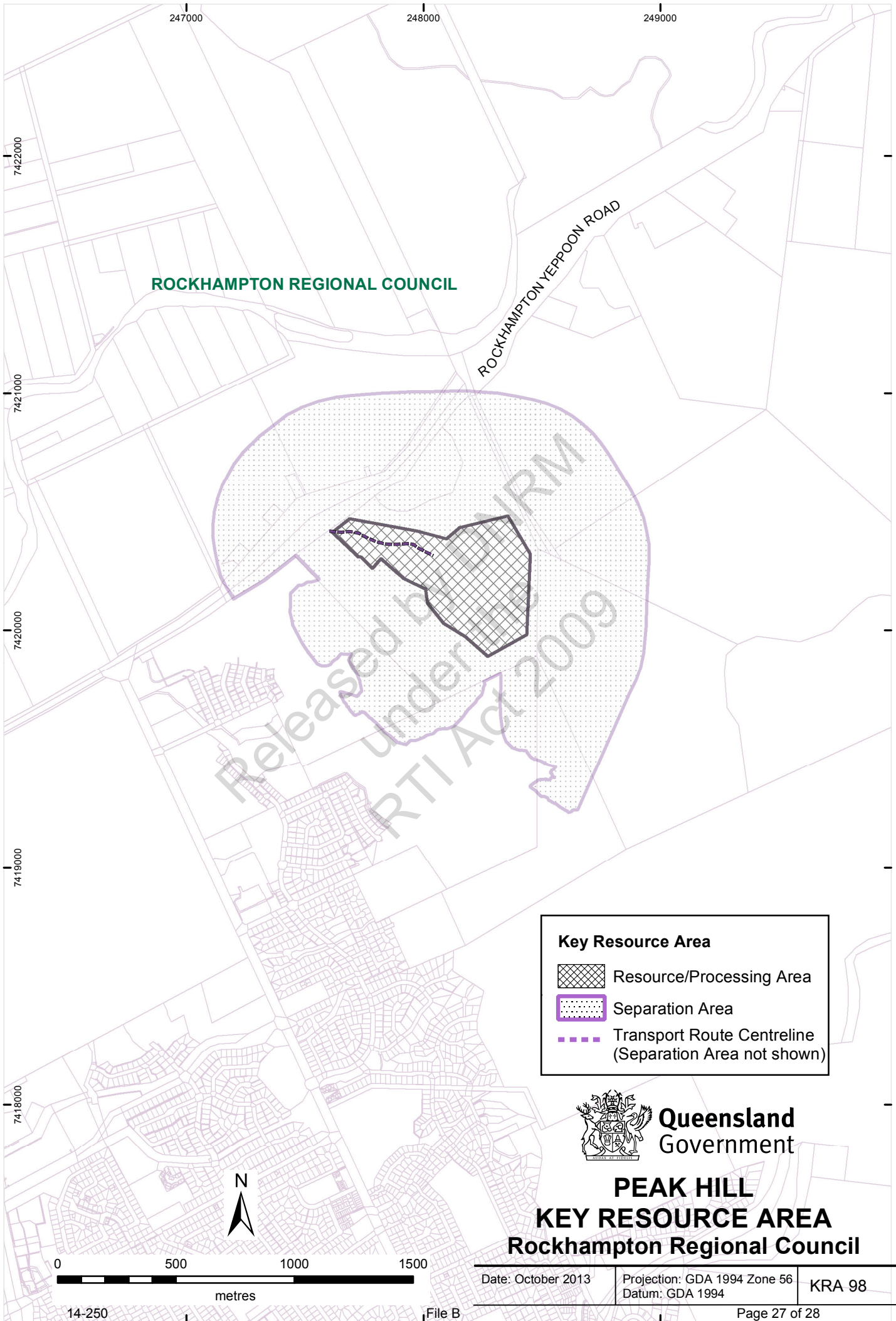
SEPARATION AREA:

As the resource is surrounded by higher ridges to the north, east, and southeast, the separation area adopted in those areas extends to the first high ridge, a distance of approximately 500 metres. In this sector the separation area includes the Yeppoon Road and Berserker Range Environmental Areas.

In the remainder, the variable separation distance is set by the Norman Road Slope Constraint Area boundary that controls the permissible extent of urban development on the basis of slope, and is as narrow as 100 metres where subdivision has extended up to the slope boundary.

TRANSPORT ROUTE:

The material is transported via the Rockhampton – Yeppoon Road which passes through the separation area.






ROCKHAMPTON REGIONAL COUNCIL

ROCKHAMPTON YEPPOON ROAD

Released under
RTI Act 2009

Key Resource Area

-  Resource/Processing Area
-  Separation Area
-  Transport Route Centreline
(Separation Area not shown)



**PEAK HILL
KEY RESOURCE AREA
Rockhampton Regional Council**



Date: October 2013

Projection: GDA 1994 Zone 56
Datum: GDA 1994

KRA 98

247000 248000 249000

742000

7421000

7420000




7419000

7418000

ROCKHAMPTON YEPPOON ROAD

ROCKHAMPTON REGIONAL

Released under RTI Act 2009

- Key Resource Area**
-  Resource/Processing Area
 -  Separation Area
 -  Transport Route Centreline (Separation Area not shown)



**Queensland
Government**

**PEAK HILL
KEY RESOURCE AREA
Rockhampton Regional Council**

