

Department of Natural Resources and Mines

ML 70477

19 December 2014

Reference: ML70477

Bowen Basin Coal Pty Ltd GPO Box 374 BRISBANE QLD 4001

Dear Sir/Madam

We are pleased to advise that pursuant to section 271A of the *Mineral Resources Act 1989*, Mining Lease (ML) Number 70477 has been granted.

Grant date: 16 December 2014 Commencement date: 1 January 2015 Term: 30 years Area: 452.6 hectares Environmental authority number: EPML00659513

Note: the Department will, at all times, insist on strict compliance with all terms and conditions of the ML.

For your information the conditions applying to this ML are contained in:

- the Mineral Resources Act 1989
- the Mineral Resources Regulation 2013

What do I need to do now?

At a minimum the below conditions need to be addressed promptly after grant.

- Notification to Landowners:
 - o Notify the owners of the land subject to the ML within 20 business days.
- Health and Safety Requirements
 - You must comply with the requirements of safety and health legislation at all times.
 - You must comply with the requirements of the Coal Mining Safety and Health Act 1999 and Coal Mining Safety and Health Regulations 2001 for operations on a coal mining permit.
 - Before commencing any operations notify an inspector of mines for the appropriate region to find out your health and safety obligations and responsibilities.
 - For more information about the safety and health requirements, go to: http://mines.industry.qld.gov.au/assets/mines-safetyhealth/coal_exploration_permit_grant_letter_addendum_(ver_1.2)_.pdf
 - Queensland mining and quarrying operations are required to supply information for all or part of the previous 12 months on the Queensland Mining and Quarrying Industry Census Form, located on the departmental website. The census form for calculating

the annual Safety and Health Levy must be lodged quarterly with the department within 20 days of the end of each quarter. For more information about completing the census forms, phone 07 3199 8019 or email safetyandhealthlevy@dnrm.qld.gov.au

- Refer to our website for more information on your requirements. <u>https://www.business.qld.gov.au/industry/mining/safety-health-mining</u>
- Environmental authority conditions
 - If your permit was granted without the financial assurance requirement being paid you
 must pay the financial assurance prior to the commencement of any on ground
 activities.¹
 - Contact the Department of Environment and Heritage Protection for assistance on financial assurance calculation on palm@ehp.qld.gov.au or 1300 130 372.

Where do I find more information?

There are a range of useful resources and support materials available to assist you in learning more about land access and building relationships with landholders from our website www.business.qld.gov.au/industry/mining. You can also download guidelines and policies on your resource permit obligations, land access and native title as it applies to mining and exploration activities. We recommend you review the land access code and the restricted land provisions before undertaking any activities on private land.²

If you have questions about this letter, or specific detail relating to the above permit contact the Coal Assessment Hub on CoalHub@dnrm.qld.gov.au or +61 (07) 4936 0362.

If you would like to receive future reminders via email, or need help desk services, please register with MyMinesOnline via the website or email mines_online@dnrm.qld.gov.au.

Regards

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Debbie-Jo MacDonald Principal Mining Registrar Mining and Petroleum Operations Department of Natural Resources and Mines

¹ Section 292 Environmental Protection Act 1994

² The Land Access Code is found in Schedule 1; restricted land provisions in s181(8) and Schedule 2 of the *Mineral Resources Act* 1989

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То:	Minister Cripps Minister for Natural Resources and Mines	Shr Policy Advise
From:	Dr Brett Heyward Director-General Department of Natural Resources and Mines	Approved V Not Approved / Noted Further information required sch4p4(6) Personal information (Minister
Endorsed:	Peter Donaghy Stephen Smith	Dated

11 August 2014

CTS 19548/14 – Grant of Mining Lease 70477 Principal Applicant: Bowen Basin Coal Pty Ltd Name of Mine: Lake Vermont West 2 3 DEC 2014

& Mines

ROCKHAMPTON

Recommendation

It is recommended that you:

- 1. be satisfied that the applicant has addressed the matters stated in section 269(4) of the *Mineral Resources Act 1989* (the MRA); and
- 2. pursuant to section 271A of the MRA, grant Mining Lease (ML) Number 70477 for a term of 30 years, and issue an instrument of lease upon request.

Timing

Routine.

Current Issues

- ML 70477, as particularised in the attached computer print-out (refer to **Attachment 1**) has been assessed with due and diligent consideration of the prescribed requirements of the MRA.
- Section 271A of the MRA provides the Minister with the power to decide that a mining lease be granted.
- In considering an application, section 271 of the MRA requires the Minister to take into account:
 - (a) Any Land Court of Queensland (LCT) recommendation for the application; and
 - (b) the matters stated in section 269(4) of the MRA; and
 - (c) any native title issues decision of the tribunal under schedule 1A, part 6, division 4, or any substituted decision made by the Minister under schedule 1A, part 6, division 4 in overruling the tribunal's native title issues decision.
- In regard to recommendation 1, section 271(b) of the MRA requires the Minister to take into account the matters detailed in section 269(4) of the MRA. An assessment of these matters is detailed in the attached Tenure Assessment (refer to Attachment 2).
- In regard to **recommendation 2**, section 271A of the MRA provides the Minister with the power to decide that a mining lease be granted.
- There are no issues of concern raised by the application. No objections were lodged against the application and the application was not referred to the LCT.

Background

Applicant

 Bowen Basin Coal Pty Ltd
 100%
 C/- Mr Timothy O'Brien
 GPO Box 374
 BRISBANE QLD 4001

15-056

CTS 19548/14

- The mining lease was applied for on 16 August 2012 for the purpose of road/access/right of way, environmental dam, overburden and ore stock piles, tailings/settling dams, temporary accommodation, workshops, machinery and other storage and to assist with water management to support existing operations at the adjacent Lake Vermont Mine.
- The lease area of 452.6 hectares is within the Emerald Mining District and located approximately 16 kilometres north-east of Dysart. The area applied for is not within any tropical wetlands or other sensitive areas. A sketch of the location of the mining lease application is attached (refer to Attachment 5).
- This application is over land designated as potential or decided strategic cropping area (SCA) under the Regional Planning Interests Act 2014. SCAs are areas shown on the strategic cropping land trigger map.
- Under the Regional Planning Interests Act 2014 resource activities over an SCA will be restricted unless the activities are exempt under the Act's exemption criteria or a regional interest development approval has been obtained.
- The applicant will generally be exempt where they have entered into a voluntary agreement with the landholder and their activities are not likely to have a significant impact on the SCA. The applicant may also be exempt where the resource activities may be carried out lawfully on the land without the need for any further authority approval on either their resource or environmental authority.
- Where an applicant is not exempt, a Lease may be granted but the holder will be required to submit an assessment application for a regional interest development approval prior to carrying out activities.
- No objections to this application were received.
- The mining lease application was not referred to the LCT.
- The Native Title Act 1993 (Cth) and complementary State Native Title legislation has been complied with. The Department Natural Resources Mines' native title assessment is recorded in the "Native Title Work Procedure for Decision" document signed by the Senior Native Title Project Officer on 8 August 2014 (refer to Attachment 3 for details).
- Environmental Authority EPML00659513 has been issued under the Environmental Protection Act 1994 (EP Act) for this mining lease.
- The applicant is the owner of one of the background land tenures, therefore a compensation agreement is not required. A compensation agreement has been filed by the applicant at the Mining Registrar's office for the remaining land parcel.
- No Financial Assurance is currently held for this mining lease, however if granted, it will form part of the Lake Vermont project for which there is currently \$15,815,763.00 held under the EP Act.

Attachments

Attachment 1: Departmental Register Report.

- Attachment 2: Mining Registrar's assessment.

Attachment 3: Native Title Assessment Details. Attachment 4: Other is use for the Minister to consider.

Attachment 5: Sketch of Mining Lease Application.

Dr Brett Heyward

Action Officer: Debbie-Jo MacDonald Telephone:

4936.0139

ster for Natural Resources and Mines		
Comments:		



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Mining Lease Report - Departmental

	15 W						
Tenure Id: N	/L 7	0477					
District:	EMERAL	D					
Previous Id:							
Name of Lease:		ERMONT WE	ST				
Status:	APPLIC	ATION					
Sub-Status:	FOR GR	ANT					
Native Title Categ	jory:	EXCLUSIVE	ELAND				1. IS
Native Title Sub (Category:						
Pre-requisite Ter	nure Ids						
MINERAL DEVEL		LICENCE 30	3				
Tenancy Type:	Sole Ho	lder			A_{λ}		
Principal Holder							
BOWEN BASIN C		LTD					
C/- MR TIMOTHY	' O'BRIEN			\mathbf{O}		E	
GPO BOX 374							9
BRISBANE				07.0			
QLD			6	4001	0	16	
Holder Names			Share	% Status	Deal In	Date Appv	Deal Out
BOWEN BASIN (COAL PTY	LTD 1	00.000000000	000 Current	0	16-AUG-2012	
Marked Out Date	and Time	ı: 13	-AUG-2012	10:00 AM			
Lodged Date and	l Time:		-AUG-2012	11:15 AM			
Term Sought:		30	years				
Certificate of App	olication Is	ssued: 06	-DEC-2013	A1	*		
Situated Within a	t Date Lo	dged					1
AUTHORITY TO I		T 1103			÷.		к.
	1LA 004	(20)	450.0.11				
Area: Surface Area:			452.6 Ha 452.6 Ha				
Surrado Arodi			702.0 110				



Tenure Id: ML 70477

Local Authorities

Rele

Isaac (R)

Minerals / Purpose

ROAD / ACCESS / RIGHT OF WAY

ENVIRONMENTAL DAM

STOCK PILE ORE / OVERBURDEN

TAILINGS / SETTLING DAM

TEMPORARY ACCOMMODATION

WORKSHOP / MACHINERY / STORAGE

WATER MANAGEMENT

Locality

APPROXIMATELY 16 KILOMETRES NORTH-EAST OF DYSART TOWNSHIP

Date of Grant:

Act Granted Under:

Plan No. Prev. Plan No.	Status	Volume	Folio	Description
43988	R	C	0	Plan of ML70477
<u>General Remarks</u>		00	<u>,</u>	los Ct r
Non-Public Remarks	8	3	ó	

Non-Public Remarks

Renewal Processes

Notice Issued	Ŀ
Lodged:	
Approved:	

Term History

Area Units:	453.00
Rent Rate:	\$0.00
Annual Rent:	\$0.00
Security Required:	

	Received Amount	Date	Refunded Amount	Date
Application Fee	\$149.40	16-AUG-2012		

Years





Tenure Id:

Rel

70477

ML

Background Tenures		Land Usage	Com Requ	pensation lired	<u>Finali</u>	sed
LOT 2 ON SP260662 FREEHOLD		Mining		N	07-AL	IG-2014
LOT 1 ON SP190747 FREEHOLD		Access		Y	13-MA	\Y-2014
Dealing Name	Dealing Number	Action Initiated		Expected Completion	ņ	Actual Completion
CONSENT EXPL/MINE RSTRICT LAND	0	16-AUG-20	12	16-JUN-20	14	12-FEB-2014
Remarks: RESTRICTED LAND (DAM) IDENTIFI MAP OF RL REQUESTED FROM API NOV 2013. CONSENT FOR RL RECEIVED 12 FE	PLICANT O)12, 15	5 OCT 2013,	, PROV	IDED 12
OVERLAPPING PETROLEUM TENURES	0	16-AUG-20	12	30-JUN-201	14	17-FEB-2014
Remarks: WITHIN ATP 1103 - CH4 PTY LTD S318AX SUBMISSION BY ATP HOLD S318AT SUBMISSION BY APPLICAN CONSENT FROM ATP1103 LODGED	T REQUIRE	ED 15 JAN 20 14)13 - F	RECEIVED 2	28 NOV	2012
INITIAL DEVELOPMENT PLAN	0	16-AUG-20	12	30-JUN-201	14	17-JUN-2014
Remarks: IDP LODGED & SENT TO TECH ASS APPROVED BY RD CENTRAL REGIO TERM 5 YEARS FROM DATE OF GR	DN 17 JUN 2		5	9		
FIELD OFFICER'S REPORT	0	16-AUG-20	12	30-NOV-20	12	24-OCT-2012
PAINTED WHITE AND MARKED "BCG FROM A DISTANCE DUE TO POST E - SEE ALSO GPS RECORD. DUE TO APPL. 70383 AND THE TERM SOUGH ENVIRONMENTAL REFERRAL Remarks: APPL TO AMEND EA MIN100736808	BEING PART ABUTALS T HT SURVEY 0 (ML70331)	ILY SUBMEI TO EXISTING OF THE MI 16-AUG-20 SENT TO EH	RGED 3 ML 7 <u>NING</u> 12 1P 16	BY SURRO '0331 AND I LEASE IS F 14-MAR-20 AUG 2012	DUNDII MINING RECON 14	NG WATER. G LEASE
EHP ADVISED NO EIS REQUIRED FO DRAFT EA EPML00659513 ISSUED 3 FINAL EA ISSUED 19 FEB 2014	e verset en andere en anter en mere en differe e				2012	
SURVEY SERVICES REQUIREMENTS	0	16-AUG-20	12	31-AUG-20	14	06-JUN-2014
Remarks: SURVEY OF MINING LEASE RECOM REFERRED TO CHIEF SURVEYOR 0 LETTER REQUESTING SURVEY SEN SURVEY MP43988 REGISTERED 6 J	5 NOV 2012 NT 05 NOV 2					10
COMPENSATION SETTLEMENT	0	16-AUG-20	12	31-AUG-201	14	07-AUG-2014
Remarks: CMP FOR LOT 1 ON SP190747 LODO CMP FOR LOT 4 ON CNS382 NOT RE PARCEL CHANGED TO LOT 2 ON SP LANDHOLDER	EQUIRED C	NCE CONT				
APPLICATION'S FINAL REVIEW	0	16-AUG-20	12	31-AUG-201	14	07-AUG-2014
Remarks: TERM SOUGHT 30 YEARS						
NATIVE TITLE SEARCH	0	16-AUG-20	12	13-SEP-201	2	08-AUG-2014
Remarks: APPL MAY PROCEED IN ACCORDAN DECISION PROCEDURES. NTE. Proceed to grant. 100% exclusive WORK DECISION DOCUMENT COMP	e land.		OF Tł	HE NATIVE	TITLE	WORK



Mining Lease Report - Departmental

Tenure Id: ML 70477

Dealing Name	Dealing Number	Action Initiated	Expected Completion	Actual Completion
GPS LOCATION	0	24-OCT-2012	21-NOV-2012	24-OCT-2012
Remarks: DATUM POST - NOT RECORD POST 2 - 148 23 49.3 X 22 27 5 POST 3 - 148 23 04.0 X 22 27 5 POST 4 - 148 23 04.0 X 22 25 5 POST 5 - 148 23 16.1 X 22 25 3	4.3 4.3 4.4	IBMERGED DUE	TO SURROUNDIN	G WATER.
OBJECTIONS AGAINST APPLICATION	0	06-DEC-2013	12-FEB-2014	13-FEB-2014
Remarks: CPN ISSUED 6 DEC 2013 CLOSE OF OBJ 12 FEB 2014 SUBSTANTIAL COMPLIANCE O UNDER WATER) 16 DEC 2013 NIL OBJECTIONS RECEIVED STAT DECS RECEIVED 17 FEB		TING OF CPN ON	I POST 3 (DATUM	POST
JRANT OF TENURE PENDING	0	07-AUG-2014	30-NOV-2014	
Sub-Tenures		ST.		
Tenure Type & Number Da	te Lodged	Date Granted	0	<u>Area</u>

ATTACHMENT 2

MINING LEASE APPLICATION NUMBER 70477 TENURE ASSESSMENT

Section 269(4) of the *Mineral Resources Act 1989* requires the Minister to take into account those provisions when making a recommendation. Refer to attached tenure assessment by Mining Registrar.

- 1. Section 269(4)(a): The provisions of the *Mineral Resources Act 1989* have been complied with. The Certificate of Application and the Certificate of Public Notice were issued on 6 December 2013. The provisions of the *Mineral Resources Act 1989* (MRA) have been complied with.
- 2. Section 269(4)(b): The area of land applied for is mineralised or the other purpose for which the mining lease is sought is appropriate. The mining lease (ML) is sought for the purposes of road/access/right of way, environmental dam, stock pile ore/overburden, tailings/settling dam, temporary accommodation, workshop/machinery/storage, water management to support existing operations at the adjacent Lake Vermont Project ML 70331. The Minister can be satisfied that the purposes for which the ML is sought are appropriate.
- 3. Section 269(4)(c): There will be an acceptable level of development and utilisation of the mineral resources within the area applied for. The applicant states that exploration has confirmed there are no economic open cut resources on the proposed infrastructure mining lease application. The ML is sought to optimise the utilisation of coal resources within and the expansion of the Lake Vermont Project. There will be an acceptable level of development within the area applied for.
- 4. Section 269(4)(d): The land and surface area of land in respect of which the mining lease is sought is of an appropriate size and shape. The application area will be used for infrastructure facilities and services for the Lake Vermont Mine on ML 70331. The facilities required have been carefully planned and the area is abutting other mining leases. The area of land for which the mining lease is sought is of an appropriate size and shape.
- 5. Section 269(4)(e): The term sought is appropriate. The ML term is based on the expected mine life of ML 70331 and extensions within Mineral Development Licence (MDL) Number 303 for which the infrastructure will be required. The term sought is appropriate.
- 6. Section 269(4)(f): The applicant has the necessary financial and technical capabilities to carry on mining operations under the proposed mining lease. Bowen Basin Coal Pty Ltd (BBC) is the tenement holder and is supported by the Lake Vermont JV which includes Jellinbah Group Pty Ltd, Coranar (Australia) Pty Ltd (AMCI), Marubeni Coal Pty Ltd and CHR Vermont Pty Ltd (Sojitz Coal). BBC has successfully run ML 70331 since 2005. The applicant has the necessary financial and technical capabilities to carry on mining operations under the proposed mining lease.
- 7. Section 269(4)(g): The past performance of the applicant has been satisfactory. The past performance of BBC has been satisfactory. They have complied with provisions of the MRA and have not been issued with any notices to rectify non-compliance or notices to show cause. The past performance of the applicant has been satisfactory.
- 8. Section 269(4)(h): No disadvantage will result to the rights of holders of existing exploration permits or mineral development licences, or existing applicants for, exploration permits or mineral development licences. The pre-requisite tenure for this application is MDL 303 which is held by the applicant. There are no other tenement holders within the area applied for therefore no tenement holders will be disadvantaged. There is no disadvantage to other tenements in the application area.

- 9. Section 269(4)(i): The operations to be carried on under the authority of the proposed mining lease will conform with sound land use management. The applicants have provided their Environmental Management Plan and the proposed mining lease will be subject to the conditions of the Environmental Authority. The operations carried out under the authority of the proposed mining lease will conform with sound land use management.
- 10. Section 269(4)(j): Any adverse environmental impact caused by the proposed mining operations and the extent thereof. An Environmental Authority has been issued to the applicant that will limit the environmental impacts of the operation. The applicant has previously complied with the terms and conditions of their Environmental Authority with respect to existing operations.
- 11. Section 269(4)(k): The public right and interest will not be prejudiced. The application is adjacent to current mining operations and is within a known coal producing area. There were no objections to the mining lease application. There is no evidence that indicates the public right and interest will be prejudiced by the granting of this mining lease.
- 12. Section 269(4)(I): No good reason has been shown for refusal to grant the proposed mining lease. The applicant has complied with the provisions of the MRA in relation to this application. There has been no evidence shown to refuse the grant of the proposed mining lease.
- 13. Section 269(4)(m): Taking into consideration the current and prospective uses of the land, the proposed mining operation is an appropriate land use. The area is currently used for cattle grazing and the surrounding area is used for coal mining. The proposed mining lease is an appropriate land use.

TENURES ADMINISTRATION FUNCTION NATIVE TITLE WORK PROCEDURE FOR DECISION MAKING DOCUMENTED DECISION

Tenure No: Mining Lease 70477

Lodgement Date: 16 August 2012

Mining District: Emerald

Local Authority: Isaac Regional Council

Prerequisite Tenure (if applicable): Mineral Development Licence 303

Date of Expiry of Prerequisite Tenure: 31 August 2012

Background Tenure: LOT 2 ON SP260662 FREEHOLD LOT 1 ON SP190747 FREEHOLD

Proposed Action: APPLICATION FOR GRANT OF MINING LEASE

Decision: PROCEED TO GRANT

Basis for Decision: (Attach documentation as necessary)

Native Title Assessment for ML 70477 (attached to this decision) identified the area applied for as MLA 70477 as being contained wholly within exclusive possession tenure (freehold land). This land, granted before 24 December 1996 is a previous exclusive possession act in accordance with S23(B)(1) and (2) of the *Native Title Act 1993 (Cth)* and Module BA of the Native Title Work Procedures. Native Title does not exist over this land and ML 70477 may be progressed to grant without further reference to the *Native Title Act 1993 (Cth)*.

sch4p4(6) Personal information (

Julieanne Butteriss Senior Native Title Project Officer Native Title Services, Central Region Date: 08 August 2014

ATTACHMENT 4

- 1. **Cape York Area:** The area applied for is not in the Cape York Area (above the 16 degree parallel).
- 2. **Wild River Area:** The area applied for is not within a declared wild river area or wild river moratorium area and can proceed to grant.
- 3. **A survey of the boundaries of the mining lease is not required prior to grant.** Survey plan MP43988 has been registered with the department.
- 4. Part 7AA Division 3 of the *Mineral Resources Act 1989.*
 - 4.1 The land the subject of this application is partly overlapped by Authority to Prospect (ATP) for Petroleum Number 1103.
 - 4.2 The holders of the authority to prospect, CH4 Pty Ltd, have, pursuant to section 318BO(1)(c)(ii) of the *Mineral Resources Act 1989*, given their written consent to the grant of the mining lease.
 - 4.3 The consent was lodged at the Office of the Mining Registrar on 17 February 2014.
 - 4.4 The applicant lodged a proposed Initial Development Plan in respect of the application. The Senior Project Officer, Mining and Petroleum assessed the proposed Initial Development Plan and recommended that the proposed Initial Development Plan be approved pursuant to section 318EA of the *Mineral Resources Act 1989*.
 - 4.5 The Initial Development plan was approved under delegation by the Regional Director, Central Region on 17 June 2014.
 - 4.6 The applicant has complied with all relevant additional requirements of Part 7AA -Provisions for Coal Seam Gas.

The Honourable Minister can be satisfied as to having taken into account the matters set out in section 269(4) of the *Mineral Resources Act* 1989 and grant Mining Lease Number 70477.

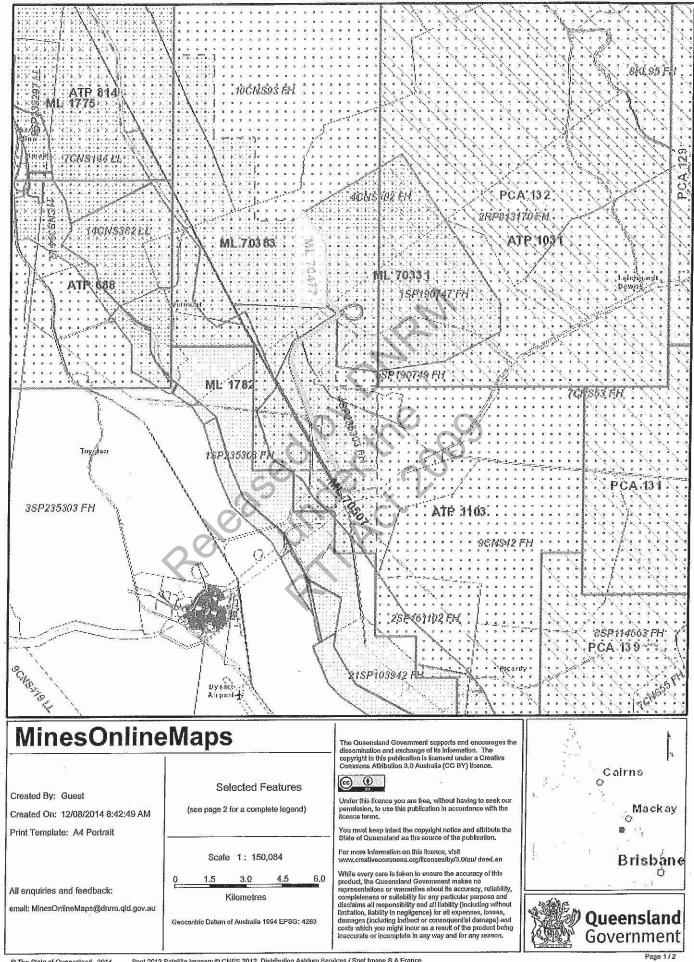
sch4p4(6) Personal information

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<u>Debbie-Jo MacDonald</u> <u>Principal Mining Registrar Assessment</u> Coal Assessment Hub



Attachment 5 - ML70477 Sketch



Spot 2012 Satellite Imagery @ CNES 2012, Distribution Astrium Services / Spot Image S.A France © The State of Queensland, 2014

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Attachment 5 - ML70 LEGEND

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	Cadastre (DCDB) Parcels	2 2	
864)	ML Access Granted		
11	ML Surface Area Granted		
	ML Permit Granted	×.	
94) -	ML Access Application		
	ML Surface Area Application		
1	ML Permit Application		
\Box	Petroleum PCA		
•]	ATP Granted		
	ATP Application		

