

**RENEWAL OF EXPLORATION LICENCE AUTH 406 (ACT 1973)
HELD BY WHITEHAVEN COAL MINING LIMITED, ACN 086 426 253**

Section 114 of the *Mining Act 1992*

I, as delegate of the Minister for Industry, Resources and Energy for the State of New South Wales, under delegation and pursuant to section 114 of the *Mining Act 1992*, hereby renew Authorisation No. **406** subject to the terms and conditions set out below:

1. The Licence is renewed for a further term ending on **29 November 2019**.
2. The Licence is renewed over the land described in Schedule 1 (the Exploration Licence Area).
3. The Licence conditions are amended upon renewal and are set out in Schedule 2.
4. The Licence authorises the Licence Holder to prospect for the minerals prescribed as Group 9 (Coal) and Group 9A (Oil Shale) minerals within the Exploration Licence Area.

Renewed on this **22nd** day of **November** 2016



Zane West
Manager Royalties and Advisory Services
As Delegate for the
Minister Industry, Resources and Energy
22-Nov-16

Schedule 1**EXPLORATION AREA**

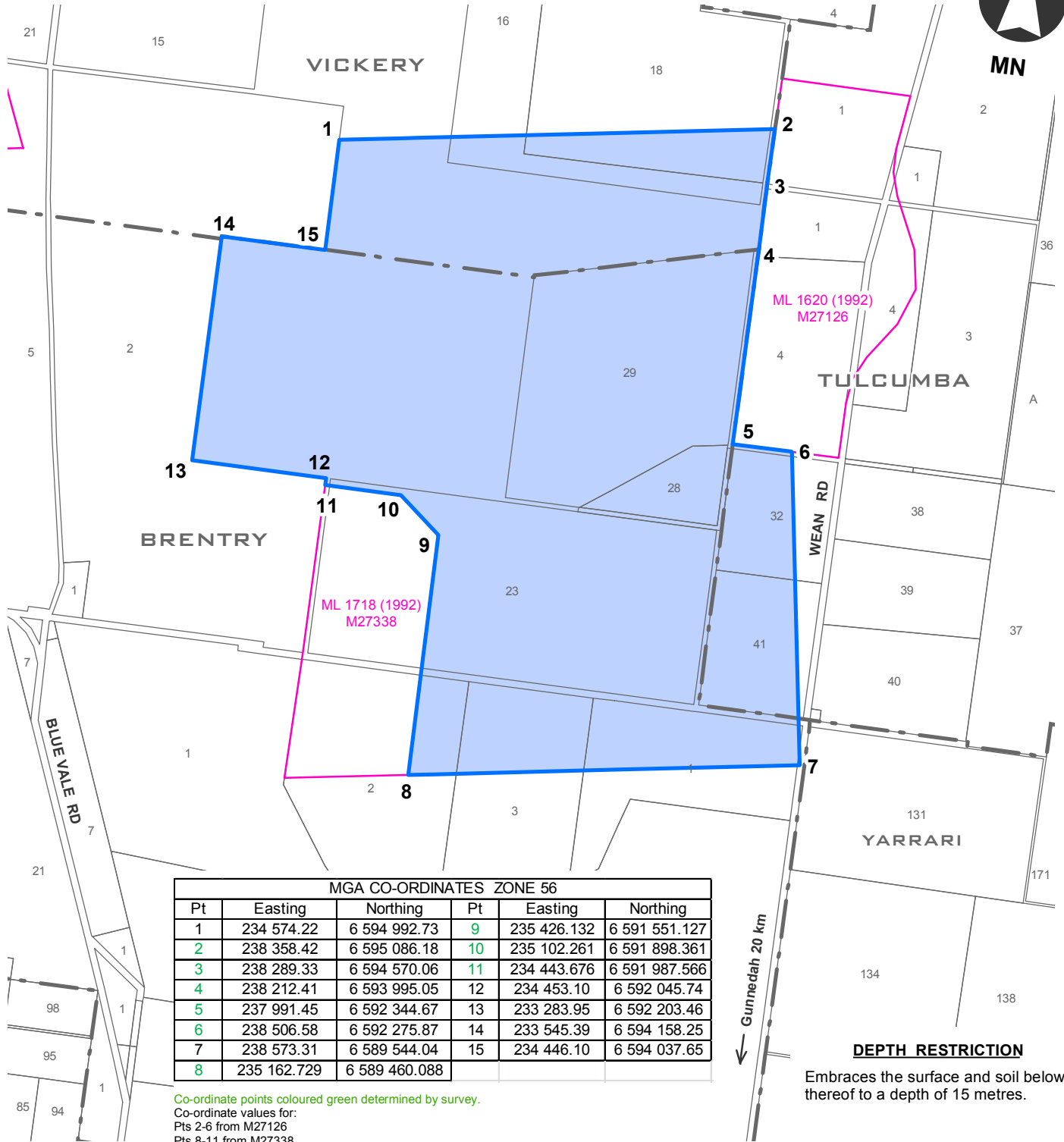
The exploration area embraces an area of about **2160** hectares, as shown on **Plan No A406-07** hereunder exclusive of any land:-

- (a) excluded by section 19 of the *Mining Act 1992*;
- (b) on which, at the date of the initial grant of this EL, mining operations were being lawfully carried out by the owner of a privately owned mineral (or some person with his consent), and over which an exploration licence may not be granted under Schedule 6, clause 98(2) of the *Mining Act 1992*;
- (c) vested in the Commonwealth of Australia; or
- (d) that was not subject to the licence immediately before this renewal.

RESOURCES & ENERGY

DIAGRAM OF AUTHORISATION No. 406
HOLDER: WHITEHAVEN COAL MINING LIMITED
PARISH: BRENTRY, TULCUMBA & VICKERY
SCALE 1: 50000
SUBJECT TO SURVEY

COUNTY: NANDEWAR
REF MAP: 8936-3-N, 8936-4-S, 8936-1-S & 8936-2-N



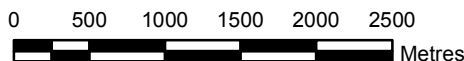
MGA CO-ORDINATES ZONE 56					
Pt	Easting	Northing	Pt	Easting	Northing
1	234 574.22	6 594 992.73	9	235 426.132	6 591 551.127
2	238 358.42	6 595 086.18	10	235 102.261	6 591 898.361
3	238 289.33	6 594 570.06	11	234 443.676	6 591 987.566
4	238 212.41	6 593 995.05	12	234 453.10	6 592 045.74
5	237 991.45	6 592 344.67	13	233 283.95	6 592 203.46
6	238 506.58	6 592 275.87	14	233 545.39	6 594 158.25
7	238 573.31	6 589 544.04	15	234 446.10	6 594 037.65
8	235 162.729	6 589 460.088			

Co-ordinate points coloured green determined by survey.
 Co-ordinate values for:
 Pts 2-6 from M27126
 Pts 8-11 from M27338

DEPTH RESTRICTION

Embraces the surface and soil below thereof to a depth of 15 metres.

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
 HORIZONTAL DATUM: GDA94



AREA: abt. 2160 ha

Prepared by: S Collins
 Date: 16-03-2016
 Approved by: P Hord
 Date: 22-03-2016
 Maitland Regional Office

DISCLAIMER: The compilation of information shown on this diagram is derived from plans and data, some of which has been produced and provided by third parties. Title boundaries have been adjusted to maintain their relationship with the digital cadastral database in some circumstances, thereby creating certain inaccuracies in the data. The Department and the State of New South Wales make no statement, representation or warranty that the titles information shown on this diagram is complete, accurate or free from error. Users rely on the titles information supplied on this diagram at their own risk. The Department and the State of New South Wales accepts no responsibility for any person, acting on, or relying on, or upon any of the titles information shown on this diagram, and disclaim all liability for any loss, damage, cost, expense or injury (including death) incurred or arising by reason of any person using or relying on the titles information contained on this diagram by reason of or by any error, omission, defect or misstatement (whether such error, omission or misstatement is caused by or arises from negligence, lack of care or otherwise). Users should always verify historical material by making and relying upon their own separate inquiries prior to making any important decisions or taking any action on the basis of titles information.

EXPLORATION LICENCE CONDITIONS (COAL) 2012 (PRE-IMER)

DEFINITIONS

Words used in this exploration licence have the same meaning as defined in the *Mining Act 1992* except where otherwise defined below:

Act means the *Mining Act 1992*.

Borehole means any hole made by drilling or boring, but excludes sampling and coring using hand held equipment.

Department means the Department of Industry, Skills and Regional Development.

Environment has the same meaning as in the *Protection of the Environment Operations Act 1997*.

EP&A Act means the *Environmental Planning and Assessment Act 1979*.

Exploration licence area means the land and water which is subject to this exploration licence.

Harm to the environment includes any direct or indirect alteration of the environment that has the effect of degrading the environment and, without limiting the generality of the above, includes any act or omission that results in pollution, contributes to the extinction or degradation of any threatened species, populations or ecological communities and their habitats and causes impacts to places, objects and features of significance to Aboriginal people.

Landholder for the purposes of these conditions does not include a secondary landholder and includes, in the case of exempted areas, the controlling body for the exempted area.

Material harm to the environment has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Minister means the Minister administering the Act.

Pollution incident has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Standard working hours means:

- a) Monday to Friday 7am to 6pm;
- b) Saturday 8am to 1pm; and
- c) No work on Sundays or Public Holidays.

Mining SEPP means the *State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007*, as amended from time to time.

Secretary means the Secretary of the Department.

Waste has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Water land has the same meaning as in section 198A of the *Fisheries Management Act 1994*.

Wetland has the same meaning as in section 198A of the *Fisheries Management Act 1994*.

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CONDITIONS

Conditions 1, 6 to 17, 21 to 26 and 33 to 47 of this exploration licence are identified as conditions relating to environmental management.

Approvals under this licence

1. The licence holder may need to obtain further approvals or Ministerial consent before carrying out prospecting operations on the land subject to this licence (see in particular the activity approval requirements for assessable prospecting operations section 23A of the *Mining Act 1992*, which requires an activity approval to be obtained prior to commencing any assessable prospecting operation).

Native Title

2. NOT USED.

Community consultation

3. The licence holder must engage with the community in relation to the planning for and conduct of prospecting operations authorised under this exploration licence.
4. The consultation must be undertaken in accordance with the *Guideline for community consultation requirements for the exploration of coal and petroleum, including coal seam gas* (NSW Trade & Investment, 2012) as amended from time to time.
5. An annual report on Community Consultation must be submitted to the Department within 28 days of the anniversary of this licence being granted, together with evidence that the consultation has been undertaken in accordance with the Guideline.

Note: Copies of the Guideline are available from www.resources.nsw.gov.au

Access to exploration licence and relevant documents

6. The licence holder must ensure that a copy of this exploration licence and any relevant documentation relating to the conduct of prospecting operations is:
 - a) accessible on the site of active prospecting operations authorised by this exploration licence; and
 - b) made available to all supervisors or other persons concerned in the day to day management of prospecting operations authorised by this exploration licence.

Note: For the purposes of this condition, relevant documentation includes, but is not limited to:

- a) access arrangements required under Part 8 of the Act;
- b) exempted area consents required under section 30 of the Act;
- c) approvals under condition 2 of this exploration licence, and any document specified as forming part of that approval, such as a Review of Environmental Factors; and
- d) the approved Groundwater Monitoring and Modelling Plan under condition 12 of this exploration licence.

Environmental harm

7. The licence holder must implement all reasonably practicable measures to prevent and/or minimise harm to the environment that may result from the conduct of any prospecting operations under this exploration licence.

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Erosion and sediment control

8. The licence holder must prevent erosion and pollution of watercourses resulting from the conduct of prospecting operations by implementing effective erosion and sediment control measures.
9. The planning, design and construction of erosion and sediment control measures must be conducted generally in accordance with *Managing Urban Stormwater: Soils and Construction* (DECC 2007), as amended or replaced from time to time.

Groundwater Monitoring and Modelling Plan

10. Prior to conducting prospecting operations involving the construction and use of boreholes, the licence holder must:
 - a) Prepare a Groundwater Monitoring and Modelling Plan in consultation with the NSW Office of Water;
 - b) Ensure that the Groundwater Monitoring and Modelling Plan:
 - i) describes methods for identifying aquifers, their depths, behaviour, containing layers and connectivity with surrounding aquifers or surface water systems;
 - ii) describes methods for collection of data relevant to the type, quantity and quality of water contained within aquifer systems likely to be encountered during prospecting operations;
 - iii) provides for the future development of a conceptual model of regional groundwater behaviour;
 - iv) provides for the future development of a calibrated computer model of regional groundwater behaviour, to enable the impacts of any proposed mining operations to be assessed;
 - v) describes how records of all data collected will be maintained;
 - vi) describes the staging process for implementation of the plan; and
 - vii) is prepared in accordance with any additional requirements prescribed by the Secretary.
 - c) The Groundwater Monitoring and Modelling Plan must address the requirements identified in b)i) to b)vii) in a level of detail commensurate with the scale, timing and potential impact of proposed operations;
 - d) Have the Groundwater Monitoring and Modelling Plan approved by the Minister; and
 - e) Implement and comply with the approved Groundwater Monitoring and Modelling Plan.

Note. The Groundwater Monitoring and Modelling Plan is required to ensure:

- (a) *there is sufficient groundwater data available to assess future operations against the Aquifer Interference Policy (NSW Office of Water, 2012), as amended or replaced from time to time; and*
- (b) *2 years of baseline data is available prior to submitting an application for any future production operations.*

An application may be made to the Department at any time to vary an approved Groundwater Monitoring and Modelling Plan.

Use of Chemicals and Fuel

11. The licence holder must ensure that all chemicals, fuels and oils, excluding those contained within plant and equipment and those for personal use, are:
 - a) stored and handled in accordance with the relevant Material Safety Data Sheet and Australian Standards for the material;
 - b) stored in appropriate containers that are in good condition and labelled to clearly identify the stored product; and
 - c) kept in a facility or area which is capable of containing at least 100% of the largest container capacity stored within that area; unless otherwise approved by the Minister.
12. The licence holder must ensure that adequate spill prevention and oil absorbent materials required to manage spills and leaks for all chemicals, fuels and oils on site are readily available at all times where prospecting operations are being carried out. Equipment and/or materials to capture drips and spills must be used during transfer of chemicals, fuels and oils, and when maintaining oil or fuel filled components.

Noise

13. The licence holder must carry out operations in accordance with the requirements of the *Interim Construction Noise Guidelines* (DECC, 2009), as amended or replaced from time to time. Unless otherwise approved by the Minister, the licence holder must ensure that:
 - a) noise levels during standard working hours do not exceed the Rating Background Level (RBL) +10dB at any residence or other sensitive receiver (as defined in the *Interim Construction Noise Guidelines*).
 - b) noise levels outside of standard working hours do not exceed the RBL +5dB.
14. The noise limits identified in condition 13 will not apply where the licence holder has negotiated a written agreement with:
 - a) the relevant landholder; or
 - b) in the case of a prospecting operation that will result in an exceedance of the criteria at a dwelling or other sensitive receiver, the resident of that dwelling or occupier of the sensitive receiver;
 - c) to allow different limits and the licence holder complies with those limits.

Vegetation Clearing

15. Vegetation clearing and vegetation disturbance must be limited to the minimum extent necessary to facilitate the conduct of prospecting operations authorised by this exploration licence.

Note: Any clearing of native vegetation which is not authorised under the Mining Act 1992 is subject to the Native Vegetation Act 2003.

Additional approvals may also be required before using timber from Crown land.

Fire prevention

16. The licence holder must take all reasonably practicable precautions against causing an outbreak of fire.
17. The licence holder must not burn off any grass, foliage or herbage without the consent of the landholder and the local fire authority.

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Infrastructure

18. The licence holder must ensure that prospecting operations do not interfere with or impair the stability or efficiency of any transmission line, communication line, pipeline or any other utility without the prior written approval of the infrastructure owner and subject to any conditions that may be stipulated by the infrastructure owner.

Passage of stock

19. The licence holder must permit the passage of stock through the exploration licence area and must conduct operations in a manner so as not to cause danger to travelling stock.
20. The licence holder must not interfere with or prevent the access of stock to any watering places or approaches to such watering places without the approval of the landholder.

Roads and Tracks

21. Except where otherwise approved under condition 1, the licence holder must ensure that:
- a) Existing roads and tracks are used in preference to constructing new roads and tracks;
 - b) The planning, design, construction and maintenance of unsealed roads and tracks is constructed generally in accordance with *Managing Urban Stormwater: Soils and Construction, Volume 2C, Unsealed Roads* (DECC 2007) as amended or replaced from time to time; and
 - c) All water land and wetland crossing works are constructed in accordance with the requirements of the Policy and Guidelines for Fish Friendly Waterway Crossings (NSW DPI 2003) and *Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings* (NSW Fisheries 2003) as amended or replaced from time to time.
22. The licence holder must restrict the use of any unsealed road or track during wet weather to prevent damage to that road or track unless the road or track has been designed and constructed for use in wet weather.

Topsoil management

23. The licence holder must ensure that all topsoil removed in the course of prospecting operations is stockpiled for later use in rehabilitating those operations.

Drilling

24. The licence holder must:
- a) Construct, maintain and decommission all boreholes and petroleum wells in accordance with standards equivalent to or exceeding the *Minimum Construction Requirements for Water Bores in Australia* (NUDLC 2012), as amended or replaced from time to time. Where this condition is inconsistent with other conditions set out in this exploration licence, those conditions prevail to the extent of that inconsistency.
 - b) Ensure that the construction, operation, maintenance and decommissioning of boreholes does not cause or enhance:
 - i) hydraulic connection between aquifers;

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- ii) contamination or cross-contamination of aquifers;
 - iii) the escape of natural or noxious gases;
 - iv) the uncontrolled surface discharge of ground waters;
 - v) collapse of the surrounding surface; or
 - vi) hazards to persons, stock and wildlife;
- c) Implement appropriate controls to manage any risks associated with natural or noxious gases, both during and after drilling;
 - d) Contain all drill cuttings, fluids and groundwater returned to the surface as part of the drilling process in above-ground tanks or in-ground sumps pending re-circulation or disposal. In-ground sumps must be lined with an impermeable barrier where there is a potential risk of contamination from drill cuttings or fluids;
 - e) Survey boreholes to a minimum of 0.5 metre accuracy at collar, with the survey to be carried out by a surveyor registered with the Board of Surveying and Spatial Information under the *Surveying and Spatial Information Act 2002*;
 - f) Remove equipment and logging tools from the borehole prior to plugging and abandonment of the borehole, unless otherwise approved by the Minister; and;
 - g) Once a borehole ceases to be used, the borehole must be completely filled with cement grout during drill rod withdrawal and plugged, unless otherwise approved by the Minister.
25. The licence holder must report any blowout associated with prospecting operations to the Department:
- a) immediately; and
 - b) provide a written report within 24 hours.

Note. The licence holder should have regard to any Secretary's guidelines related to the drilling, operation and abandonment of boreholes.

Waste Management

26. The licence holder must ensure that:
- a) the sites of prospecting operations are maintained in a clean and tidy condition at all times;
 - b) all waste, including contaminated residues, must be collected, segregated and securely deposited in properly constructed containers and disposed lawfully;
 - c) drilling by-products contaminated by chemicals, oils or fuels must be collected and remediated or disposed lawfully; and
 - d) all drill cuttings and drilling fluids not being reused in drilling operations are disposed lawfully.
27. The licence holder must maintain records of:
- a) all waste generated as a result of prospecting operations under this exploration licence; and
 - b) the means of disposal of all waste.

Note. Waste is regulated under the Protection of the Environment Operations Act 1997 and the NSW Waste Regulations. Contact the Local Council or the Environment Protection Authority for details of those requirements.

Safety

28. The licence holder must notify the Department at least 7 days prior to the proposed commencement of any prospecting operation involving any drilling, blasting or other potentially hazardous operation. This notification must be made in the form approved by the Secretary.
29. The licence holder must carry out operations in a manner that ensures the safety of members of the public, stock and wildlife in the vicinity of the operations.
30. The licence holder must put in place measures to control safety hazards. These measures include, but are not limited to, the development of a Safety Management Plan prepared in accordance with relevant Departmental guidelines.

Note: Mining activities in NSW, including exploration, are subject to the Work Health and Safety Act 2011 which is the main Act dealing with the health, safety and welfare of persons at work. The Work Health and Safety Act 2011 is to be read in conjunction with the Work Health and Safety (Mines and Petroleum Sites) Act 2013 which deals with health, safety and welfare of people at work at coal operations or related places and puts in place special provisions necessary for the control of particular risks arising from the exploration for coal.

Technical Manager

31. The licence holder must ensure that prospecting operations are conducted, or directly supervised, by a Technical Manager, being:
 - a) a person with tertiary qualifications in geoscience, petroleum or mining engineering; or
 - b) a person having other qualifications or exploration experience approved by the Minister.
32. The licence holder must advise the Minister of the name and contact details of the Technical Manager(s) within ten (10) working days of any changes to the nominated Technical Manager or their contact details.

Cooperation with other title holders

33. The licence holder must make every reasonable attempt, and be able to demonstrate their attempts, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations under the *Mining Act 1992* or petroleum title under the *Petroleum (Onshore) Act 1991*. The cooperation agreement should address but not be limited to:
 - a) access arrangements;
 - b) operational interaction arrangements;
 - c) dispute resolution;
 - d) information exchange;
 - e) location of prospecting operations;
 - f) timing of drilling;
 - g) potential resource extraction conflicts; and
 - h) integrated rehabilitation activities.

Minister's approval of change in control

34. a) It is a condition of this licence that, where the licence-holder is a corporation or a trust, the Minister's prior written approval is required before there occurs:
 - (i) any change in the effective control of the licence-holder; or

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- (ii) any foreign acquisition of substantial control in the licence-holder.
- b) Subject to Clause (d), for the purposes of this condition, there is a "change in effective control" where, after the imposition of this condition, any Third Party or Trustee of a Trust Estate:
 - (i) acquires the capacity to appoint or control at least 50% of the number of directors of the licence-holder's board;
 - (ii) becomes entitled to exercise (directly or indirectly) greater than 50% of the votes entitled to be cast at any general meeting of the licence-holder; or
 - (iii) holds more than 50% of the issued share capital (other than shares issued with no rights other than to receive a specified amount in distribution) of the licence-holder.
- c) Subject to Clause (d), for the purposes of this condition, there is a "foreign acquisition of substantial control" where, after the imposition of this condition, a Foreign Party:
 - (i) acquires the capacity to appoint or control at least 15% of the number of directors of the licence-holder's board;
 - (ii) becomes entitled to exercise (directly or indirectly) greater than 15% of the votes entitled to be cast at any general meeting of the licence-holder; or
 - (iii) holds more than 15% of the issued share capital (other than shares issued with no rights other than to receive a specified amount in distribution) of the licence-holder;

For the purposes of this condition a Foreign Party means:

- (iv) a natural person not ordinarily resident in Australia (foreign person);
- (v) a corporation incorporated outside Australia (foreign corporation);
- (vi) a corporation in which a foreign person or foreign corporation is a shareholder holding more than 15% of issued capital entitled to vote at any general meeting of the licence holder;
- (vii) a corporation in which 2 or more persons, each of whom is either a foreign person or a foreign corporation are shareholders and collectively hold not more than 40% of issued capital entitled to vote at general meetings of the corporation;
- (viii) the trustee of a trust estate, in which a foreign person or a foreign corporation is a beneficiary of the trust estate and holds more than 15% of the beneficial interest in the trust estate; or
- (ix) the trustee of a trust estate in which 2 or more persons, each of whom is either a foreign person or a foreign corporation, are beneficiaries of the trust estate and collectively hold more than 40% of the beneficial interest in the trust estate, provided that a foreign party shall not include a related body corporate of the licence holder.

- d) Approval under (a) is not required where a change in effective control of the licence holder or a foreign acquisition of substantial control of the licence holder occurs as a result of the acquisition of shares or other securities on a registered stock exchange.
- e) For the purpose of this condition:
 - (i) Related Body Corporate means in relation to a body corporate, a body corporate which is a related body corporate of the first mentioned body corporate for the purposes of the *Corporations Act 2001 (Cth)*; and
 - (ii) Third Party means any person who is not a Related Body Corporate of the licence holder.

Rehabilitation

- 35. All disturbance resulting from prospecting operations carried out under this exploration licence must be rehabilitated by the licence holder to the satisfaction of the Minister.
- 36. In rehabilitating the disturbance resulting from prospecting operations, the licence holder must ensure that:
 - a) all machinery, buildings and other infrastructure is removed from the area;
 - b) the area is left in a clean, tidy and stable condition
 - c) there is no adverse environmental effect outside the disturbed area;
 - d) the land is properly drained and protected from soil erosion;
 - e) the land is not a potential source of pollution;
 - f) the land is compatible with the surrounding land and land use requirements;
 - g) the landforms, soils, hydrology and flora require no greater maintenance than that in, or on, the surrounding land;
 - h) the land does not pose a threat to public safety; and
 - i) in cases where vegetation has been removed or damaged:
 - i) where the previous vegetation was native, species used for revegetation are endemic to the area; or
 - ii) where the previous vegetation was not native, species used for revegetation are appropriate to the area; and
 - iii) any revegetation is of an appropriate density and diversity.
- 37. The licence holder must ensure that all water land and wetland crossings that are disturbed during prospecting operations are rehabilitated such that the natural flow of water is unimpeded and bank stability is maintained to prevent erosion.
- 38. The licence holder must comply with any relevant guidelines issued by the Secretary in the rehabilitation of disturbance resulting from prospecting operations under this exploration licence.
- 39. All rehabilitation of disturbance resulting from prospecting operations under this exploration licence must be completed before the expiry of this exploration licence or as soon as practicable following cancellation of this exploration licence, unless otherwise approved by the Minister.
- 40. Boreholes that have been abandoned as a result of previous mining or prospecting operations, and which have been opened up or used by the licence holder are subject to the conditions of this exploration licence as if the boreholes were constructed by the holder of this exploration licence.

REPORTING

Environmental Management Report

41. The licence holder must submit an Environmental Management Report to the Department in the following circumstances:
- a) where the licence holder is seeking to renew this exploration licence, an Environmental Management Report must accompany an exploration licence renewal application; or
 - b) where the licence holder is seeking to cancel or part cancel this exploration licence, an Environmental Management Report must accompany an exploration licence cancellation application;
 - c) where the licence holder is not seeking to renew or cancel this exploration licence, an Environmental Management Report must be submitted prior to the expiry of this exploration licence.
42. The report must be prepared in accordance with any Secretary's requirements for environmental and rehabilitation reporting on exploration licences and include information on all disturbance resulting from prospecting operations and rehabilitation carried out within the exploration licence area. The report must be prepared to the satisfaction of the Secretary.

Environmental Incident and Complaint Reporting

43. The licence holder must, in addition to the requirements under section 148 of the *Protection of the Environment Operations Act 1997*:
- a) Notify the Department of all:
 - i) pollution incidents causing or threatening material harm to the environment;
 - ii) breaches of the conditions of this exploration licence; and
 - iii) breaches of environment protection legislation (as defined in the *Protection of the Environment Administration Act 1991*), arising in connection with prospecting operations under this exploration licence.
 - b) The notification must be given immediately, i.e. promptly and without delay, after the licence holder becomes aware of the incident, breach or complaint.
- Note.* Refer to www.resources.nsw.gov.au/environment for notification contact details.
- c) Submit an Environmental Incident and Complaints Report to the Department within seven (7) days of all:
 - i) pollution incidents causing or threatening material harm to the environment;
 - ii) breaches of the conditions of this exploration licence;
 - iii) breaches of environment protection legislation (as defined in the *Protection of the Environment Administration Act 1991*); and
 - iv) complaints from landholders or the public alleging environmental harm or a breach of conditions of this exploration licence or of environment protection legislation, arising in connection with prospecting operations under this exploration licence.
 - d) The Environmental Incident and Complaints Report must include:
 - i) the details of the exploration licence;
 - ii) contact details for the licence holder, complainant and landholder;

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- iii) a map showing the area of concern;
- iv) a description of the nature of the incident or complaint, likely causes and consequences;
- v) a timetable showing actions taken or planned to address the incident or complaint; and
- vi) a summary of all previous incidents or complaints relating to prospecting operations under this exploration licence.

Note. The licence holder should have regard to any relevant Secretary's guidelines in the preparation of an Environmental Incident and Complaints Report. Refer to www.resources.nsw.gov.au/environment for further details.

SECURITY

Security

- 44. This authorisation is subject to a condition that the holder of the authorisation is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the authorisation, including obligations of all or any kind under the authorisation that may arise in the future.
- 45. The amount of the security deposit to be provided has been assessed by the Secretary at **\$10,000**.

Group Security

- 46. NOT USED.
- 47. NOT USED.

EXPLORATION MANAGEMENT

Note: Exploration Reports (Geological and Geophysical)

The exploration licence holder must lodge reports to the satisfaction of the Secretary in accordance with section 163C of the Mining Act 1992 and in accordance with clause 59 of the Mining Regulation 2016.

Reports must be prepared in accordance with Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales (Department of Industry, Skills and Regional Development, updated 2016).

Samples

- 48. The licence holder must:
 - a) if using non-core drilling methods, retain representative cuttings at least every three (3) metres of formation drilled, or change of formation. Such samples must be stored appropriately and securely labelled with at least the hole name, company name and depth or depth limits; and
 - b) if using core drilling methods, retain the cores (other than material required from the cores for the purpose of assay) in standard modular durable core boxes. Core boxes must be stored appropriately and securely labelled with at least the hole name, company name and depth intervals.
- 49. Cores and samples must be made available for examination and/or sampling by officers of the Department for the purpose of analysis or other testing upon request.

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50. The licence holder must not dispose of the cores or samples referred to in Condition 48 without approval of the Minister and without first offering them to the Department for archival storage. If so directed, the licence holder must lodge selected core and samples with one of the Department's Core Libraries. Selected core must be lodged with the Department in standard modular core boxes. Information on the borehole and drilling depths must be clearly and permanently indicated on both the inside and outside of each box.

Note: Conditions 50 and 51 do not apply to boreholes or sections of boreholes sunk in surface gravel or alluvial ground.

Specifications for standard modular core boxes can be obtained by contacting the Department.

51. The licence holder must undertake analyses and tests on any or all coal seams intersected in boreholes if directed to do so by the Minister.

Work Program

52. Unless otherwise approved by the Minister, the licence holder must implement and complete the work program specified in the **renewal** application for this exploration licence.

SPECIAL CONDITIONS

Aboriginal Land Council Notification

53. The licence holder must inform the relevant Local Aboriginal Land Council of the grant or renewal of this exploration licence within 28 days of the grant or renewal.