


Instrument of Variation

Mining Lease 1471 (1992)

I, **JAMIE TRIPODI, Executive Director Assessments & Systems**, Mining Exploration and Geoscience in the Department of Regional NSW, with the delegated authority of the Minister under section 261B and clause 12 of Schedule 1B of the *Mining Act 1992* (the Act), **vary** the conditions of mining lease **ML 1471 (1992)** as described in Schedule A.

The conditions of **ML 1471 (1992)**, as varied, are set out in Schedule B.

The variation takes effect on 17 October 2022.



JAMIE TRIPODI

Executive Director Assessments & Systems

As delegate for the Minister administering the *Mining Act 1992*

Delegation date: 14 May 2018

Dated: 24 August 2022

Schedule A

Condition		Variation	New Condition
	Definitions	Definitions of 'Department', 'Environment' 'Environmental incident notifications and reports' and 'Harm to the environment' omitted as no longer used.	N/A
1	Notice to Landholders	Wording amended to modernise the condition	1. Notice to Landholders – see Schedule B
2	Rehabilitation	Condition omitted	N/A
3	Mining Operations Plan and Annual Rehabilitation Report	Condition omitted	N/A
4	Non-Compliance Reporting	Condition omitted	N/A
5	Environmental Incident Report	Condition omitted	N/A
6	Extraction Plan	Condition omitted	N/A
7	Resource Recovery	Condition omitted	N/A
8	Group Security	Condition amended to modernise the wording. Condition has been re-numbered due to omission of other conditions.	2. Group Security– see Schedule B
9	Cooperation Agreement	Condition amended to modernise the wording. Condition has been re-numbered due to omission of other conditions.	3. Cooperation Agreement – see Schedule B
N/A		New condition attached	4. Assessable Prospecting Operations– see Schedule B
<u>SPECIAL CONDITIONS</u>			
10	Aboriginal Place or Relic	Condition has been re-numbered due to omission of other conditions.	5. Aboriginal Place or Relic – see Schedule B

Schedule B

Mining Lease Conditions

(Version as at February 2022)

Definitions

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

Term	Definition
Act	means the <i>Mining Act 1992</i> .
Landholder	for the purposes of these conditions: <ul style="list-style-type: none">• does not include a secondary landholder• includes, in the case of exempted areas, the controlling body for the exempted area.
Minister	means the Minister administering the Act.

Note:

1. The rights and duties of the Lease Holder(s) are those prescribed by the *Mining Act 1992* and the Mining Regulation 2016, subject to the terms and conditions of this mining lease.
2. This mining lease does not override any obligation on the lease holder(s) to comply with the requirements of other legislation and regulatory instruments which may apply (including all relevant development approvals) unless specifically provided under the *Mining Act 1992* or other legislation or regulatory instruments.

MINING LEASE CONDITIONS

Standard conditions

See Mining Regulation 2016, Schedule 8A, Part 2.

NOTE TO HOLDERS: The prescribed standard conditions in the Mining Regulation 2016, Schedule 8A, Part 2 apply in addition to the conditions in this Schedule 2 (but have not been replicated in this mining lease). The conditions imposed by the Mining Regulation 2016 prevail to the extent of any inconsistency with the conditions in this Schedule 2.

General conditions

1. Notice to Landholders

- (a) Within 90 days from the date of grant or renewal of this mining lease, the lease holder must give each landholder notice in writing:

- (i) that this mining lease has been granted or renewed; and
- (ii) whether the lease includes the surface.

The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area.

- (b) If there are ten or more landholders to which notice must be given, the lease holder will be taken to have complied with condition 1(a) if a notice complying with condition 1(a) is published in a newspaper circulating in the region where the lease area is situated.

2. Group Security

The security deposit to be provided and maintained for this mining lease is part of a group security deposit.

The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations under the mining leases covered by the group security deposit, including obligations under each mining lease that may arise in the future.

The amount of the security deposit to be provided as a group security deposit has been assessed at **\$605,000**.

The leases covered by the group security include this **ML 1471 (1992)** and:

Lease type	Lease Number	Act Year
ML	1464	1992

3. Cooperation Agreement

The lease holder must make every reasonable attempt, and be able to demonstrate its attempts to the satisfaction of the Secretary, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations issued under the *Mining Act 1992* and petroleum titles issued under the *Petroleum (Onshore) Act 1991*. The cooperation agreement should address but not be limited to:

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- access arrangements
- operational interaction procedures
- dispute resolution
- information exchange
- well location
- timing of drilling
- potential resource extraction conflicts; and
- rehabilitation issues.

4. Assessable Prospecting Operations

- (a) The lease holder must not carry out any assessable prospecting operation on land over which this lease has been granted unless:
 - (i) it is carried out in accordance with any necessary development consent; or
 - (ii) if development consent is not required, the prior written approval of the Minister has been obtained.
- (b) The Minister may require the lease holder to provide such information as required to assist the Minister to consider an application for approval.
- (c) An approval granted by the Minister under this condition may be granted subject to terms.
- (d) The lease holder must comply with the approval granted to the holder under this condition.

Special conditions

5. Aboriginal Place or Relic

The lease holder shall not knowingly destroy, deface or damage any Aboriginal place or relic within the subject area except in accordance with an authority issued under the National Parks and Wildlife Act, 1974, and shall take every precaution in drilling, excavating or disturbing the land against any such destruction, defacement or damage.

Exploration Reporting

Note: Exploration Reports (Geological and Geophysical)

The lease holder must lodge reports in accordance with the requirements in section 163C of the Mining Act 1992 and clauses 59, 60 and 61 of the Mining Regulation 2016 as well as any further requirements issued by the Secretary under clause 62 of the Mining Regulation.

Guidelines for the structure, content and data format requirements for reports are set out in the Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.

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Renewal of Mining Lease 1471 (Act 1992)

Held by Whitehaven Coal Mining Limited, ACN 086 426 253

Section 114 of the *Mining Act 1992*

I, **Georgina Beattie, Deputy Secretary, Mining, Exploration and Geoscience**, as delegate of the Minister administering the *Mining Act 1992* for the State of New South Wales, and pursuant to section 114 of the *Mining Act 1992*, determine to renew **Mining Lease 1471 (Act 1992)** subject to the following:

1. The renewed Lease is as described in Schedule 1 of this document.
2. The Lease conditions are amended upon renewal and are set out in Schedule 2 of this document.
3. For the avoidance of doubt, Schedules 1 and 2 of the Lease are amended by deleting the details set out in those Schedules prior to the date of this renewal, and inserting the details set out in Schedules 1 and 2 of this document.

The conditions set out in Schedule 2 are imposed pursuant to provisions of the *Mining Act 1992* and are required to:

- ensure optimal resource recovery;
- prevent, minimise, and/or offset adverse environmental impacts;
- provide for the ongoing environmental management of the project; and
- ensure the areas disturbed by mineral production and exploration activities are appropriately rehabilitated.

The rights and duties of a Lease Holder are those prescribed by the *Mining Act 1992* and the Mining Regulation 2016, subject to the terms and conditions of this Lease. This lease does not override any obligation on the Lease Holder to comply with the requirements of other legislation and regulatory instruments which may apply to the Lease Holder (including all relevant development approvals), unless specifically provided in the *Mining Act 1992* or other legislation or regulatory instruments.

Signed this 24th day of June 2021



Georgina Beattie
Deputy Secretary, Mining, Exploration and Geoscience
Department of Regional NSW
As delegate for the Minister administering the *Mining Act 1992*
Delegation dated: 14 May 2018

Schedule 1

Description of Lease

Land: The lease area embraces all land described in the attached lease plan titled **M26913R** and approved on **17 August 2000**.

Area: 385.4 hectares

Minerals: Coal

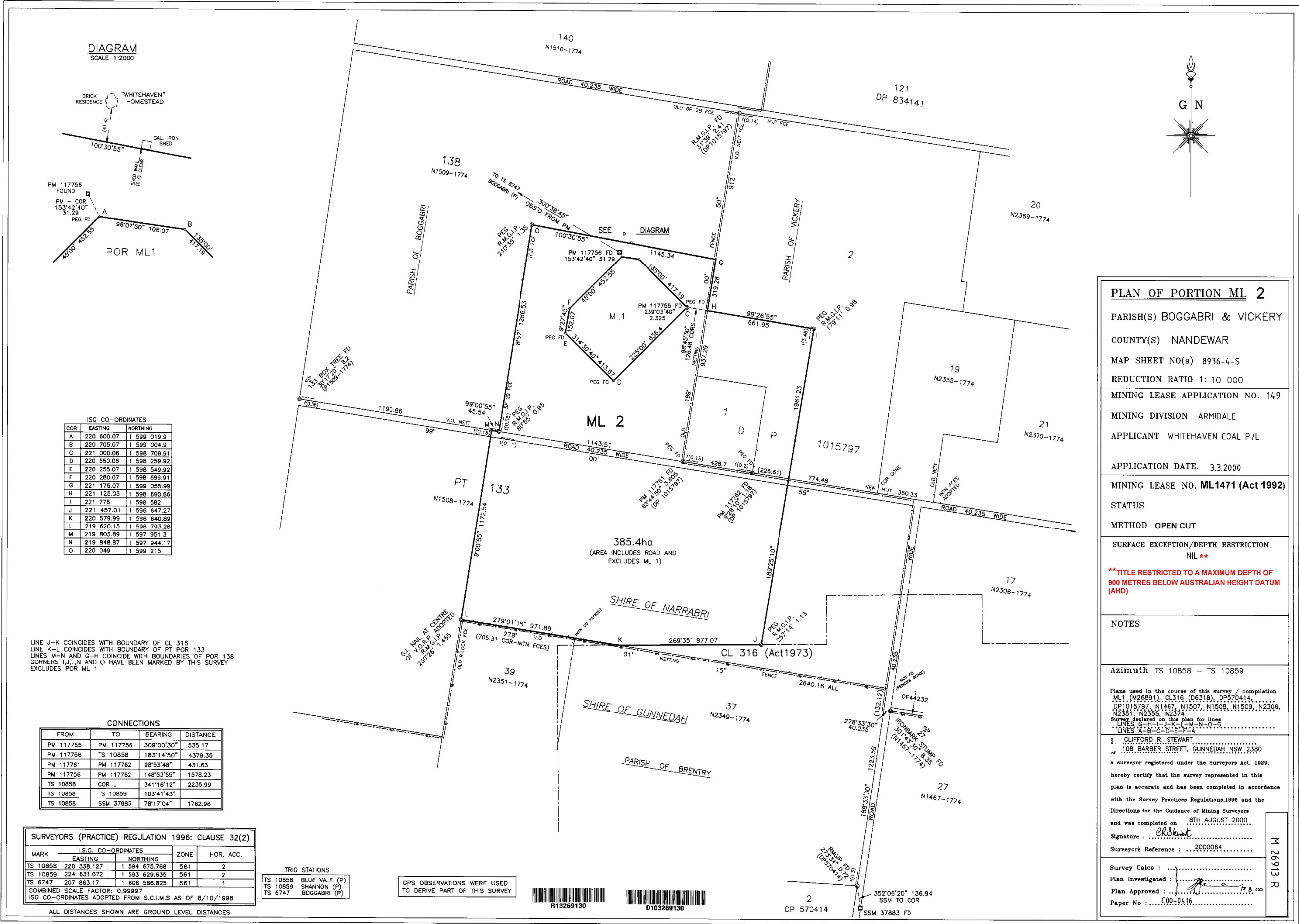
Surface Exception: Nil

Depth Restriction: 900 metres below AHD

Method: Open Cutting

Term ending: 6 September 2042

Effective From: 7 September 2021



Schedule 2

Mining Lease Conditions 2013

Definitions

- 1. Notice to Landholders**
- 2. Rehabilitation**
- 3. Mining Operations Plan and Annual Rehabilitation Report**
- 4. Non-Compliance Reporting**
- 5. Environmental Incident Report**
- 6. Extraction Plan**
- 7. Resource Recovery**
- 8. Group Security**
- 9. Cooperation Agreement**
- 10. Special Condition – Aboriginal Place or Relic**

Note: Exploration Reports (Geological and Geophysical)

Definitions:

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

Act means the *Mining Act 1992*.

Department means the Mining, Exploration and Geoscience group within Regional NSW. It is noted that Regional NSW is a Department of the Public Service.

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

Environmental incident notifications and reports means any notifications and reports required to be provided to relevant authorities under Part 5.7 or Part 5.7A of the *Protection of the Environment Operations Act 1997*.

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

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.

Minister means the Minister administering the Act.

MINING LEASE CONDITIONS 2013

1. Notice to Landholders

- (a) Within a period of three months from the date of grant/renewal of this mining lease, the lease holder must serve on each landholder a notice in writing indicating that this mining lease has been granted/renewed and whether the lease includes the surface. A plan identifying each landholder and individual land parcel subject to the lease area, and a description of the lease area must accompany the notice.
- (b) If there are ten or more landholders, the lease holder may serve the notice by publication in a newspaper circulating in the region where the lease area is situated. The notice must indicate that this mining lease has been granted/renewed; state whether the lease includes the surface and must contain a plan and description of the lease area. If a notice is made under condition 1(b), compliance with condition 1(a) is not required.

2. Rehabilitation

Any disturbance resulting from the activities carried out under this mining lease must be rehabilitated to the satisfaction of the Minister.

3. Mining Operations Plan and Annual Rehabilitation Report

- (a) The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting. The lease holder must apply to the Minister for approval of a MOP. An approved MOP must be in place prior to commencing any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting.
- (b) The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which:
 - (i) identifies areas that will be disturbed;
 - (ii) details the staging of specific mining operations, ancillary mining activities and prospecting;
 - (iii) identifies how the mine will be managed and rehabilitated to achieve the post mining land use;
 - (iv) identifies how mining operations, ancillary mining activities and prospecting will be carried out in order to prevent and or minimise harm to the environment; and
 - (v) reflects the conditions of approval under:
 - the *Environmental Planning and Assessment Act 1979*;
 - the *Protection of the Environment Operations Act 1997*; and
 - any other approvals relevant to the development including the conditions of this mining lease.
- (c) The MOP must be prepared in accordance with the *ESG3: Mining Operations Plan (MOP) Guidelines September 2013* published on the [Department's website](#).
- (d) The lease holder may apply to the Minister to amend an approved MOP at any time.

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- (e) It is not a breach of this condition if:
 - (i) the operations which, but for this condition 3(e) would be a breach of condition 3(a), were necessary to comply with a lawful order or direction given under the *Environmental Planning and Assessment Act 1979*, the *Protection of the Environment Operations Act 1997*, the *Work Health and Safety (Mines and Petroleum Sites) Act 2013* and *Work Health and Safety (Mines and Petroleum Sites) Regulation 2014* or the *Work Health and Safety Act 2011*; and *Work Health and Safety Regulation 2017*.
 - (ii) the Minister had been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out.
- (f) The lease holder must prepare a Rehabilitation Report to the satisfaction of the Minister. The report must:
 - (i) provide a detailed review of the progress of rehabilitation against the performance measures and criteria established in the approved MOP;
 - (ii) be submitted annually on the grant anniversary date (or at such other times as agreed by the Minister); and
 - (iii) be prepared in accordance with any relevant annual reporting guidelines published on the [Department's website](#).

Note: The Rehabilitation Report replaces the Annual Environmental Management Report.

4. Non-Compliance Reporting

- (a) The lease holder must notify the Department upon becoming aware of any breaches of the conditions of this mining lease or breaches of the Act or Mining Regulation 2016;
- (b) Notifications under condition 4(a) must be provided in the form specified on the Department's website within seven (7) days of the mining lease holder becoming aware of the breach.

5. Environmental Incident Report

The lease holder must provide environmental incident notifications and reports to the Secretary no later than seven (7) days after those environmental incident notifications and reports are provided to the relevant authorities under the *Protection of the Environment Operations Act 1997*.

6. Extraction Plan

- (a) In this condition
 - (i) **approved Extraction Plan** means a plan, being:
 - an extraction plan or subsidence management plan approved in accordance with the conditions of a relevant development consent and provided to the Secretary; or
 - a subsidence management plan relating to the mining operations subject to this lease:

- o submitted to the Secretary on or before 31 December 2014; and
 - o approved by the Secretary.
- (ii) **relevant development consent** means a development consent or project approval issued under the Environmental Planning and Assessment Act 1979 relating to the mining operations subject to this lease.
- (b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.
- (c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.
- (d) The lease holder must notify the Secretary within 48 hours of any:
 - (i) incident caused by subsidence which has a potential to expose any person to health and safety risks;
 - (ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or
 - (iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing:
 - built features;
 - public safety; or
 - subsidence monitoring

7. Resource Recovery

The lease holder must optimise recovery of the minerals that are the subject of this mining lease to the extent economically feasible.

8. Group Security

The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the mining lease, including obligations of all or any kind under the mining lease that may arise in the future.

The amount of the security deposit to be provided as a group security has been assessed by the Minister at **\$605,000**.

The leases covered by the group security include:

Mining Lease No. 1464 (Act 1992)

Mining Lease No. 1471 (Act 1992)

9. Cooperation Agreement

The lease holder must make every reasonable attempt, and be able to demonstrate its attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s). The cooperation agreement should address but not be limited to issues such as:

- access arrangements

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- operational interaction procedures
- dispute resolution
- information exchange
- well location
- timing of drilling
- potential resource extraction conflicts; and
- rehabilitation issues.

Special Conditions

Note: The standard conditions apply to all mining leases. The Department reserves the right to impose special conditions, based on individual circumstances, where appropriate.

10. Aboriginal Place or Relic

The lease holder shall not knowingly destroy, deface or damage any Aboriginal place or relic within the subject area except in accordance with an authority issued under the National Parks and Wildlife Act, 1974, and shall take every precaution in drilling, excavating or disturbing the land against any such destruction, defacement or damage.

Exploration Reporting

Note: Exploration Reports (Geological and Geophysical)

The lease 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, 60 and 61 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.

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ENDORSEMENT SCHEDULE

Pursuant to Section 239 (2) of the Mining Act 1992, the Minister for Mineral Resources has amended those leases as depicted on the Schedule 'B', hereunder so as, wherever such leases do not already contain such a condition, to include the condition as depicted in the Schedule 'A'. These amendments took effect as from and on 18 March 2004



for Director-General

SCHEDULE 'A'

SUBSIDENCE MANAGEMENT

- (a) The lease holder shall prepare a Subsidence Management Plan prior to commencing any underground mining operations which will potentially lead to subsidence of the land surface.
- (b) Underground mining operations which will potentially lead to subsidence include secondary extraction panels such as longwalls or miniwalls, associated first workings (gateroads, installation roads and associated main headings, etc), and pillar extractions, and are otherwise defined by the *Guideline for Applications for Subsidence Management Approvals*.
- (c) The lease holder must not commence or undertake underground mining operations that will potentially lead to subsidence other than in accordance with a Subsidence Management Plan approved by the Director-General, an approval under the *Coal Mines Regulation Act 1982*, or the document *New Subsidence Management Plan Approval Process – Transitional Provisions*.
- (d) Subsidence Management Plans are to be prepared in accordance with the *Guideline for Applications for Subsidence Management Approvals*.
- (e) Subsidence Management Plans as approved shall form part of the Mining Operations Plan required under Condition 2 and will be subject to the Annual Environmental Management Report process as set out under Condition 3. The SMP is also subject to the requirements for subsidence monitoring and reporting set out in the document *New Approval Process for Management of Coal Mining Subsidence - Policy*.

SCHEDULE 'B'

LEASE HOLDER	LEASE NUMBER
Whitehaven Coal Mining Ltd	Mining Lease No. 1464 (Act 1992)
	Mining Lease No. 1471 (Act 1992)

MINING LEASE

MINING ACT 1992

NO. 1471

DATED 7th SEPT A.D. 2000

THE MINISTER FOR MINERAL RESOURCES
OF THE STATE
OF NEW SOUTH WALES
TO

Whitehaven Coal Mining Pty Ltd
A.B.N. 65 086 426 253

RECORDED in the Department of Mineral
Resources at Sydney, this
15th day of SEPTEMBER
A.D. 2000, at the hour of ONE
o'clock in the AFTER noon.


for Director General

MINING ACT 1992

MINING LEASE

THIS DEED made the 7th day of SEPTEMBER Two Thousand, in pursuance of the provisions of the Mining Act 1992 (hereinafter called "the Act") BETWEEN THE HONOURABLE EDWARD OBEID, Minister for Mineral Resources of the State of New South Wales (hereinafter called "the Minister" which expression shall where the context admits or requires include the successors in office of the Minister and the person acting as such Minister for the time being) AND Whitehaven Coal Mining Pty Ltd, A.B.N. 65 086 426 253 (which with its successors and transferees is hereinafter called "the lease holder") Level 15, 199 Charlotte St Brisbane in the state of Queensland.

WHEREAS

- (a) in conformity with the Act application was made for a mining lease over the lands hereinafter described; and
- (b) all conditions and things required to be done and performed before granting a mining lease under the Act have been done and performed NOW THIS DEED WITNESSETH that in consideration of the observance and performance of the covenants contained in this Deed and the payment of royalty by the lease holder, the Minister in pursuance of the provisions of the Act DOES HEREBY demise and lease to the lease holder ALL THAT piece or parcel of land containing by admeasurement 385.4 hectares and more particularly described and delineated in the plan Catalogue No. M26913R attached for the purpose of prospecting and mining for coal.

TO HOLD the said land together with any appurtenances thereon subject to:

- (a) such rights and interests as may be lawfully subsisting therein or which may be reserved by the Act at the date of this Deed; and
- (b) such conditions, provisos and stipulations as are contained in this Deed UNTO the lease holder from and including the date of this Deed for the period of 21 Years for the purpose as stated and for no other purpose.

1 THAT in this lease except insofar as the context otherwise indicates or requires:

- (a) any reference to an Act includes that Act and any Act amending or in substitution for the same; "Director General" means the person for the time being holding office or acting as Director General, Department of Mineral Resources, Sydney; the word "mine" has the meaning assigned to it by the Act; words importing the singular number shall include the plural, the masculine gender the feminine or neuter gender and vice versa; and
- (b) any covenant on the part of two or more persons shall be deemed to bind them jointly and severally.

2 THAT the lease holder shall during the said term pay to the Minister in Sydney in respect to of all such minerals as stated, recovered from the land hereby demised, royalty at the rate or rates prescribed by the Act and the Regulations thereunder at

the time the minerals are recovered, or at the rate or rates fixed by the Minister from time

to time during the term of this demise in exercise of the power in that behalf conferred upon him by the Act.

- 3 THAT the lease holder shall at all times during the term of this lease keep and preserve the said mine from all avoidable injury or damage and also the levels, drifts, shafts, watercourses, roadways, works, erections and fixtures therein and thereon in good repair and condition and in such state and condition shall on the expiration or sooner determination of the said term or any renewal thereof deliver possession of the land and the premises hereby demised to the Minister or other persons authorised to receive possession thereof.
- 4 THAT the conditions and provisions set forth in the Schedule of Conditions of Authority herein and numbered:- 1 to 3 inclusive, 14 to 27 inclusive, 29 to 33 inclusive, 41, 43 to 51 inclusive, and 54 inclusive are embodied and incorporated within this Deed as conditions and provisions of the lease hereby granted AND that the lease holder shall observe fulfil and perform the same.

PROVIDED always and it is hereby declared as follows:

- (a) THAT this lease is granted subject to amendment as provided under Section 79 of the Act.
- (b) THAT if the lease holder at any time during the term of this demise -
 - (i) fails to fulfil or contravenes the covenants and conditions herein contained; or
 - (ii) fails to comply with any provision of the Act or the Regulations with which the lease holder is required to comply; or
 - (iii) fails to comply with the requirements of any agreement or assessment in relation to the payment of compensation,

this lease may be cancelled by the Minister by instrument in writing and the cancellation shall have effect from and including the date on which cancellation is served on the lease holder or on such later date as is specified in the notice; and any liability incurred by the lease holder before the cancellation took effect shall not be affected.

- (c) THAT no implied covenant for title or for quiet enjoyment shall be contained herein.
- (d) THAT all the conditions and provisions contained in the Mining Act 1992 and the Regulations thereunder, the Mines Inspection Act 1901 and the Coal Mines Regulations Act 1982 or any other law hereafter to be passed or prescribed shall be incorporated within this Deed as conditions and provisions of the lease granted. The lease holder hereby covenants to observe, fulfil and perform the same.
- (e) THAT such of the provisions and conditions declared and contained in this Deed as requiring anything to be done or not to be done by the lease holder, shall be read and

construed as covenants by the lease holder with the Minister which are to be observed and performed.

IN WITNESS WHEREOF the parties hereto have executed this Deed this day and year first abovementioned.

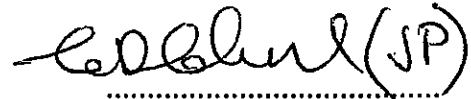
SIGNED AND DELIVERED
BY THE HONOURABLE
EDWARD OBEID,



as such Minister as aforesaid

in the presence of

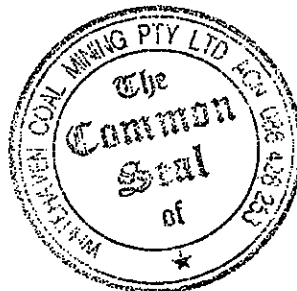
CHRISTOPHER DAVID
CHURCH



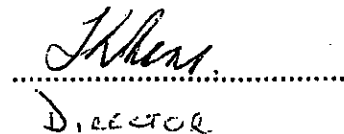
Witness

CHRISTOPHER DAVID CHURCH
JUSTICE OF THE PEACE
6 CAMDEN STREET NEWTOWN NSW
REGISTRATION No - 7510071

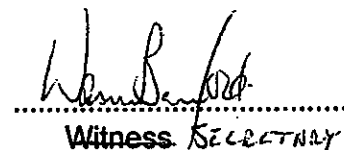
SIGNED SEALED AND DELIVERED
by the said
Whitehaven Coal Mining Pty Ltd
A.B.N. 65 086 426 253



in the presence of



DIRECTOR



Witness SECRETARY

SCHEDULE OF
CONDITIONS OF AUTHORITY (COAL)

EXTRACTION OF COAL

- 1 The lease holder shall extract as large a percentage of the coal in the subject area as is practicable consistent with the provisions of the Coal Mines Regulations Act 1982 and the Regulations thereunder and shall comply with any direction given or which may be given in this regard by the Minister.

MINING, REHABILITATION, ENVIRONMENTAL MANAGEMENT PROCESS (MREMP)

MINING OPERATIONS PLAN (MOP)

- 2 (1) Mining operations, including mining purposes, must be conducted in accordance with a Mining Operations Plan (the Plan) satisfactory to the Director-General. The Plan together with environmental conditions of development consent and other approvals will form the basis for:-
- (a) ongoing mining operations and environmental management; and
 - (b) ongoing monitoring of the project.
- (2) The Plan must be prepared in accordance with the Director-General's guidelines current at the time of lodgement.
- (3) A Plan must be lodged with the Director-General:-
- (a) prior to the commencement of operations;
 - (b) subsequently as appropriate prior to the expiry of any current Plan; and
 - (c) in accordance with any direction issued by the Director-General.
- (4) The Plan must present a schedule of proposed mine development for a period of up to seven (7) years and contain diagrams and documentation which identify:-
- (a) area(s) proposed to be disturbed under the Plan;
 - (b) mining and rehabilitation method(s) to be used and their sequence;
 - (c) areas to be used for disposal of tailings/waste;
 - (d) existing and proposed surface infrastructure;
 - (e) progressive rehabilitation schedules;
 - (f) areas of particular environmental sensitivity;
 - (g) water management systems (including erosion and sediment controls);

- (h) proposed resource recovery; and
 - (i) where the mine will cease extraction during the term of the Plan, a closure plan including final rehabilitation objectives/methods and post mining landuse/vegetation
- (5) The Plan when lodged will be reviewed by the Department of Mineral Resources.
 - (6) The Director-General may within two (2) months of the lodgement of a Plan, require modification and relodgement.
 - (7) If a requirement in accordance with clause (6) is not issued within two months of the lodgement of a Plan, lease holder may proceed with implementation of the Plan submitted subject to the lodgement of the required security deposit within the specified time.
 - (8) During the life of the Mining Operations Plan, proposed modifications to the Plan must be lodged with the Director-General and will be subject to the review process outlined in clauses (5) - (7) above.

ANNUAL ENVIRONMENTAL MANAGEMENT REPORT (AEMR)

- 3 (1) Within 12 months of the commencement of mining operations and thereafter annually or, at such other times as may be allowed by the Director-General, the lease holder must lodge an Annual Environmental Management Report (AEMR) with the Director-General.
- (2) The AEMR must be prepared in accordance with the Director-General's guidelines current at the time of reporting and contain a review and forecast of performance for the preceding and ensuing twelve months in terms of:-
 - (a) the accepted Mining Operations Plan;
 - (b) development consent requirements and conditions;
 - (c) Environment Protection Authority and Department of Land and Water Conservation licences and approvals;
 - (d) any other statutory environmental requirements;
 - (e) details of any variations to environmental approvals applicable to the lease area. and
 - (f) where relevant, progress towards final rehabilitation objectives.
- (3) After considering an AEMR the Director-General may, by notice in writing, direct the lease holder to undertake operations, remedial actions or supplementary studies in the manner and within the period specified in the notice to ensure that operations on the lease area are conducted in accordance with sound mining and environmental practice.

- (4) The lease holder shall, as and when directed by the Minister, co-operate with the Director-General to conduct and facilitate review of the AEMR involving other government agencies.

SHAFTS, DRIFTS, ADITS

- 14 Operations shall be conducted in such a manner as not to cause any danger to persons or stock and the lease holder shall provide and maintain adequate protection to the satisfaction of the Minister around each shaft or excavation opened up or used by the lease holder.

DUMPS

- 15 The lease holder shall comply with any direction, given or which may be given by the Inspector regarding the dumping, depositing or removal of material extracted as well as the stabilisation and revegetation of any dumps of coal, minerals, mine residues, tailings or overburden situated on the subject area or the associated colliery holding.
- 16 The lease holder shall comply with any direction given or which may be given by the Minister regarding the spraying of coal dumps on the subject area.

DUST

- 17 The lease holder shall take such precautions as are necessary to abate any dust nuisance.

MANAGEMENT AND REHABILITATION OF LANDS (GENERAL)

- 18 The lease holder shall not interfere in any way with any fences on or adjacent to the subject area unless with the prior written approval of the owner thereof or the Minister and subject to such conditions as the Minister may stipulate.
- 19 The lease holder shall observe any instruction given or which may be given by the Minister with a view to minimising or preventing public inconvenience or damage to public or private property.
- 20 If required to do so by the Minister and within such time as may be stipulated by the Minister the lease holder shall carry out to the satisfaction of the Minister surveys of structures, buildings and pipelines on adjacent landholdings to determine the effect of operations on any such structures, buildings and pipelines.
- 21 If so directed by the Minister the lease holder shall rehabilitate to the satisfaction of the Minister any lands within the subject area which may have been disturbed by the lease holder.
- 22 Upon completion of operations on the surface of the subject area or upon the expiry or sooner determination of this authority or any renewal thereof, the lease holder shall remove from such surface such buildings, machinery, plant, equipment, constructions and works as may be directed by the Minister and such surface shall be rehabilitated and left in a clean, tidy and safe condition to the satisfaction of the Minister.

- 23 If so directed by the Minister the lease holder shall rehabilitate to the satisfaction of the Minister and within such time as may be allowed by the Minister any lands within the subject area which may have been disturbed by mining or prospecting operations whether such operations were or were not carried out by the lease holder.
- 24 The lease holder shall take all precautions against causing outbreak of fire on the subject area.
- 25 The lease holder shall provide and maintain to the satisfaction of the Minister efficient means to prevent contamination, pollution, erosion or siltation of any river, stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment and shall observe any instruction given or which may be given by the Minister with a view to preventing or minimising the contamination, pollution, erosion or siltation of any river, stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment.

BLASTING

- 26 The lease holder shall monitor noise and vibration and institute controls, generally in accordance with the recommendations of Australian Standard AS-2187-1993 and ANZEC Guidelines.

(a) Ground Vibration

The lease holder shall design all blasts on the basis that the ground vibration peak particle velocity generated by any blasting within the subject area, shall not exceed the levels in or conditions of the EPA Licence for the mine, at any dwelling or occupied premises not owned by the lease holder, the holder of an authority under the Mining Act, or not subject to a valid agreement with the lease holder, with respect to the effects of blasting.

(b) Blast Overpressure

The lease holder shall design all blasts on the basis that the blast overpressure noise level generated by any blasting within the subject area, shall not exceed the levels in or conditions of the EPA Licence for the mine, at any dwelling or occupied premises not owned by the lease holder, the holder of an authority under the Mining Act, or not subject to a valid agreement with the lease holder, with respect to the effects of blasting.

TREES (PLANTING AND PROTECTION OF) FLORA AND FAUNA AND ARBOREAL SCREENS

- 27 If so directed by the Minister, the lease holder shall ensure that operations are carried out in such manner so as to minimise disturbance to flora and fauna within the subject area.
- 29 The lease holder shall maintain an arboreal screen to the satisfaction of the Minister within such parts of the subject area as may be specified by the Minister and shall plant such trees or shrubs as may be required by the Minister to preserve the arboreal screen in a condition satisfactory to the Minister.

SOIL EROSION

- 30 The lease holder shall conduct operations in such a manner as not to cause or aggravate soil erosion and the lease holder shall observe and perform any instructions given or which may be given by the Minister with a view to minimising or preventing soil erosion.

ROADS

- 31 The lease holder shall pay to **Narrabri Shire Council and Gunnedah Shire Council**, Department of Land and Water Conservation or the Chief Executive, Roads and Traffic Authority the cost incurred by such Council or Department or Chief Executive of making good any damage caused by operations carried on by or under the authority of the lease holder to any road adjoining or traversing the surface or the excepted surface, as the case may be of the subject area.

PROVIDED HOWEVER that the amount to be paid by the lease holder as aforesaid shall be reduced by such sum of money if any as may be paid to the said Council the Department of Land and Water Conservation or the Chief Executive, Roads and Traffic Authority as the case may be from the Mine Subsidence Compensation Fund constituted under the Mine Subsidence Compensation Act, 1961, in settlement of a claim for compensation for the same damage.

- 32 In the event of operations being conducted on the surface of any road, track or firetrail traversing the subject area or in the event of such operations causing damage to or interference with any such road, track or firetrail the lease holder, at his own expense, shall if directed to do so by the Minister provide to the satisfaction of the Minister an alternate road, track or firetrail in a position as required by the Minister and shall allow free and uninterrupted access along such alternate road, track or firetrail and, if required to do so by the Minister, the lease holder shall upon completion of operations rehabilitate the surface of the original road, track or firetrail to a condition satisfactory to the Minister.

CATCHMENT AREAS

- 33 (a) Operations shall be carried out in such a way as not to cause any pollution of the Namoi River Catchment Area.
- (b) If the lease holder is using or about to use any process which in the opinion of the Minister is likely to cause contamination of the waters of the said Catchment Area the lease holder shall refrain from using or cease using as the case may require such process within twenty four (24) hours of the receipt by the lease holder of a notice in writing under the hand of the Minister requiring the lease holder to do so.
- (c) The lease holder shall comply with any regulations now in force or hereafter to be in force for the protection from pollution of the said Catchment Area.

TRANSMISSION LINES, COMMUNICATION LINES AND PIPELINES

- 41 The lease holder shall as far as is practicable so conduct operations as not to interfere with or impair the stability or efficiency of any transmission line, communication line or pipeline traversing the surface or the excepted surface of the subject area and shall comply with any direction given or which may be given by the Minister in this regard.

ABORIGINAL PLACE OR RELIC

- 43 The lease holder shall not knowingly destroy, deface or damage any aboriginal place or relic within the subject area except in accordance with an authority issued under the National Parks and Wildlife Act, 1974, and shall take every precaution in drilling, excavating or disturbing the land against any such destruction, defacement or damage.

LABOUR/EXPENDITURE

- 44 The lease holder shall during each year of the term of the authority:
- (a) ensure that at least **16** workers are efficiently employed on the subject area; or
 - (b) expend on operations carried out in the course of prospecting or mining the subject area, an amount of not less than **Two Hundred & Eighty Thousand Dollars (\$280,000)**.

The Minister may, at any time after a period of two (2) years from the date on which this authority has effect or from the date on which the renewal of this authority has effect, increase or decrease the amount of expenditure or labour required.

ADDITIONAL INFORMATION

- 45 The lease holder shall if directed by the Minister and within such time as the Minister may stipulate furnish to the Minister:
- (a) information regarding the ownership of the land within the subject area;
 - (b) information regarding the ownership of the coal within the subject area prior to 1st January, 1982;
 - (c) an indemnity in a form approved by the Minister indemnifying the Crown and the Minister against any wrong payment effected as a result of incorrect information furnished by the lease holder;
 - (d) information regarding the financial viability of the lease holder and operations within and associated with the subject area; and
 - (e) information regarding shareholdings in the lease holder.

SERVICE OF NOTICES

- 46 Within a period of three (3) months from the date of this authority or a period of three (3) months from the date of service of the notice of renewal, or within such further time as the Director General may allow, the lease holder shall serve on each landholder within the subject area a notice in writing indicating that this authority has been granted or renewed and whether the authority includes the surface. The notice shall be accompanied by an adequate plan and description of the subject area.

If there are ten (10) or more landholders affected the lease holder may serve the notice by publication in a newspaper circulating in the region where the subject area is situated. The notice shall indicate that this authority has been granted or renewed, state whether the authority includes the surface and shall contain an adequate plan and description of the subject area.

INSPECTORS

- 47 (a) Where an Inspector under the Mining Act 1992 is of the opinion that any condition of this authority relating to operations within the subject area, or any provision of the Mining Act, 1992, relating to operations within the subject area, are not being complied with by the lease holder, the Inspector may serve on the lease holder a notice stating that and give particulars of the reason why, and may in such notice direct the lease holder:
- (i) to cease operations within the subject area in contravention of that condition or Act; and
 - (ii) to carry out within the specified time works necessary to rectify or remedy the situation.
- (b) The lease holder shall comply with the directions contained in any notice served pursuant to sub paragraph (a) of this condition. The Director General may confirm, vary or revoke any such direction.
- (c) A notice referred to in his condition may be served on the Colliery Manager.

INDEMNITIES

- 48 The lease holder shall indemnify and keep indemnified the Crown from and against all actions suits and claims and demands of whatsoever nature and all costs charges and expense which may be brought against the lease holder or which the lease holder may incur respect of any accident or injury to any person or property which may arise out of the construction maintenance or working of any workings now existing or to be made by the lease holder within the boundaries of the subject area or in connection with any of the operations notwithstanding that all other conditions of this authority shall in all respects have been observed by the lease holder or that any such accident or injury shall arise from any act or thing which the lease which the lease holder may be licensed or compelled to do hereunder.
- 49 The lease holder shall save harmless the Crown from payment of compensation and from and against all claims, actions, suits or demands whatsoever in the event of any damage resulting from mining operations under or near the subject area.

PROSPECTING (GENERAL)

- 50 (a) Where the lease holder desires to commence prospecting operations in the subject area the lease holder shall notify the Director General in writing and shall comply with such additional conditions as the Minister may impose including any condition requiring the lodgement of an additional bond or other form of security for rehabilitation of the area affected by such operations.

- (b) Where the lease holder notifies the Director General pursuant to sub paragraph (a) of this condition the lease holder shall furnish with that notification details of the type of prospecting methods that would be adopted and the extent and location of the area that would be affected by them.

SECURITY DEPOSIT

- 51 (a) The lease holder shall, upon request by the Director General, lodge with the Minister the sum of **Ten Thousand Dollars(\$10,000)** as security for the fulfillment of the obligations of the lease holder under this authority. In the event that the lease holder fails to fulfill any of the lease holder's obligations under this authority the said sum may be applied at the discretion of the Minister towards the cost of fulfilling such obligations. For the purposes of the clause a lease holder shall be deemed to have failed to fulfill the lease holder's obligations under this authority, if the lease holder fails to comply with any condition or provision of this authority, any provision of the Act or regulations made thereunder or any condition or direction imposed or given pursuant to a condition or provision of this authority or of any provision of the Act or regulations made thereunder.
- (b) The lease holder must provide the security required by sub-clause (a) hereof in one of the following forms:-
 - (i) cash, or
 - (ii) a security certificate in such form and given by such surety as may from time to time be approved by the Minister.
- (c) The Minister may at any time after the commencement of this authority or any renewal thereof, vary the amount of security required in accordance with this condition.

ROYALTY AT ADDITIONAL RATE

- 54 The lease holder shall during the term of this authority pay to the Minister royalty at the additional rate as prescribed by the Regulations for coal recovered by open cut mining methods from the area.