

N.S.W. STAMP DUTY  
CL No. 1846988 COAL MINING LEASE  
1997-1998 ... 1999 *Amended*  
3.7.98

MINING LEASE

MINING ACT 1992

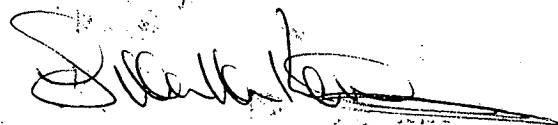
NO. 1432

DATED 24 JUNE A.D. 1998

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

BLOOMFIELD COLLIERIES  
PTY LIMITED  
A.C.N. 000 106 972

RECORDED in the Department of Mineral  
Resources at Sydney, this *second*  
day of *July*  
A.D. 1998, at the hour of  
*10.00* o'clock in the *fore*noon.



for Director General

MINING ACT 1992

MINING LEASE

THIS DEED made the *twenty fourth* day of *June* One thousand nine hundred and ninety eight in pursuance of the provisions of the Mining Act 1992 (hereinafter called "the Act") BETWEEN THE HONOURABLE **Robert Douglas Martin MP**, 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 **Bloomfield Collieries Pty Limited, A.C.N. 000 106 972** (which with its successors and transferees is hereinafter called "the lease holder").

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 **613.8 hectares** and more particularly described and delineated in the plan **Catalogue No. M26840R** 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 18 inclusive, 19 to 27 inclusive, 29 to 32 inclusive, 41 to 51 inclusive, & 54** 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 abovewritten.


SIGNED AND DELIVERED  
BY THE HONOURABLE  
ROBERT DOUGLAS MARTIN MP



.....  
Minister

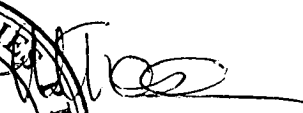
as such Minister as aforesaid

in the presence of



.....  
Witness

SIGNED SEALED AND DELIVERED  
by the said  
BLOOMFIELD COLLIERIES PTY LIMITED  
A.C.N. 000 106 972



in the presence of

.....  
Witness

**SCHEDULE OF**  
**CONDITIONS OF AUTHORITY - 1996**  
**(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 (a) Mining operations, including mining purposes, must be conducted in accordance with a Mining Operations Plan (the Plan) approved by the Director General. The Plan together with environmental conditions of development consent and other approvals will form the basis for:
- (i) ongoing mining operations and environmental management; and
  - (ii) ongoing monitoring of the project.
- (b) The Plan must be prepared in accordance with the Director General's guidelines current at the time of lodgement.
- (c) An application for approval of a proposed Plan must be accompanied by a copy of the Plan and must be lodged with the Director General:
- (i) prior to the commencement of operations; and
  - (ii) subsequently as appropriate.
- (d) 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:
- (i) area(s) proposed to be disturbed under the Plan;
  - (ii) mining and rehabilitation method(s) to be used and their sequence;
  - (iii) existing and proposed surface infrastructure;
  - (iv) progressive rehabilitation schedules;

- (v) areas of particular environmental sensitivity;
  - (vi) water management systems; and
  - (vii) proposed resource recovery.
- (e) Where the leaseholder and/or the Director General is of the opinion that a Plan should be amended, the lease holder shall submit an amended Plan for approval.

### **ANNUAL ENVIRONMENTAL MANAGEMENT REPORT (AEMR)**

- 3 (a) Within twelve (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.
- (b) 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 (12) months in terms of:
- (i) the approved Mining Operations Plan;
  - (ii) development consent requirements and conditions; and
  - (iii) Environment Protection Authority licences and approvals;
  - (iv) any other statutory environmental requirements;
  - (v) details of any variations to environmental approvals applicable to the lease area.
- (c) 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 such manner and within such period as may be specified in the notice to ensure that operations on the lease area are conducted in accordance with sound mining and environmental practice.
- (d) The leaseholder 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 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.

- (c) Blasting will not be carried out outside the hours of 9 am and 5 pm except with the prior notification and approval of the Inspector.

## **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 **Singleton 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 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 Conservation and Land Management 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.

## **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.
- 42 Unless with the consent of **Transgrid**, the lease holder shall not carry out any operations within any easement for any power transmission line traversing the subject area.

## 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 **30** 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 **Five Hundred and Twenty Five Thousand Dollars (\$525,000.00)**.

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 of 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 owner and occupier of the private land and on each occupier of the Crown land held under a pastoral lease 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 owners or occupiers 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 the Inspector 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 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 of other form of security or 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 (\$10,000.00)** in accordance with Instructions for Manner of Lodgement of Security Deposits as security for the fulfilment of the obligations of the lease holder under this authority. In the event that the lease holder fails to fulfil 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 fulfil 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 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.
- (c) Where the amount of security has been increased pursuant to Clause (b) hereof the lease holder shall, within two (2) months of being requested by the Minister, lodge a security for the amount of security required, in which case the Minister shall refund or release to the lease holder the security previously lodged.

## 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 of the mining lease.

§ (Pt ML17 7854 m<sup>2</sup>)

β (Pt ML17 12.5 ha)

Pt ML17 595.8 ha

TOTAL AREA ML 17 613.8 ha (IN 4 PARTS)

D.P. 252692

D.P. 739911

D.P. 413053

D.P. 739912

D.P. 739912

D.P. 252692

NOTE: ALL DISTANCES SHOWN ARE I.S.G. DISTANCES, NOT GROUND DISTANCES. SEE SHEET 1 FOR CONDS OF CIRCLED POINTS.



This is sheet 2 of my plan in 2 sheets dated 7TH FEB., 1997

Signature: *[Handwritten Signature]*

REDUCTION RATIO 1:6000 Lengths are in metres

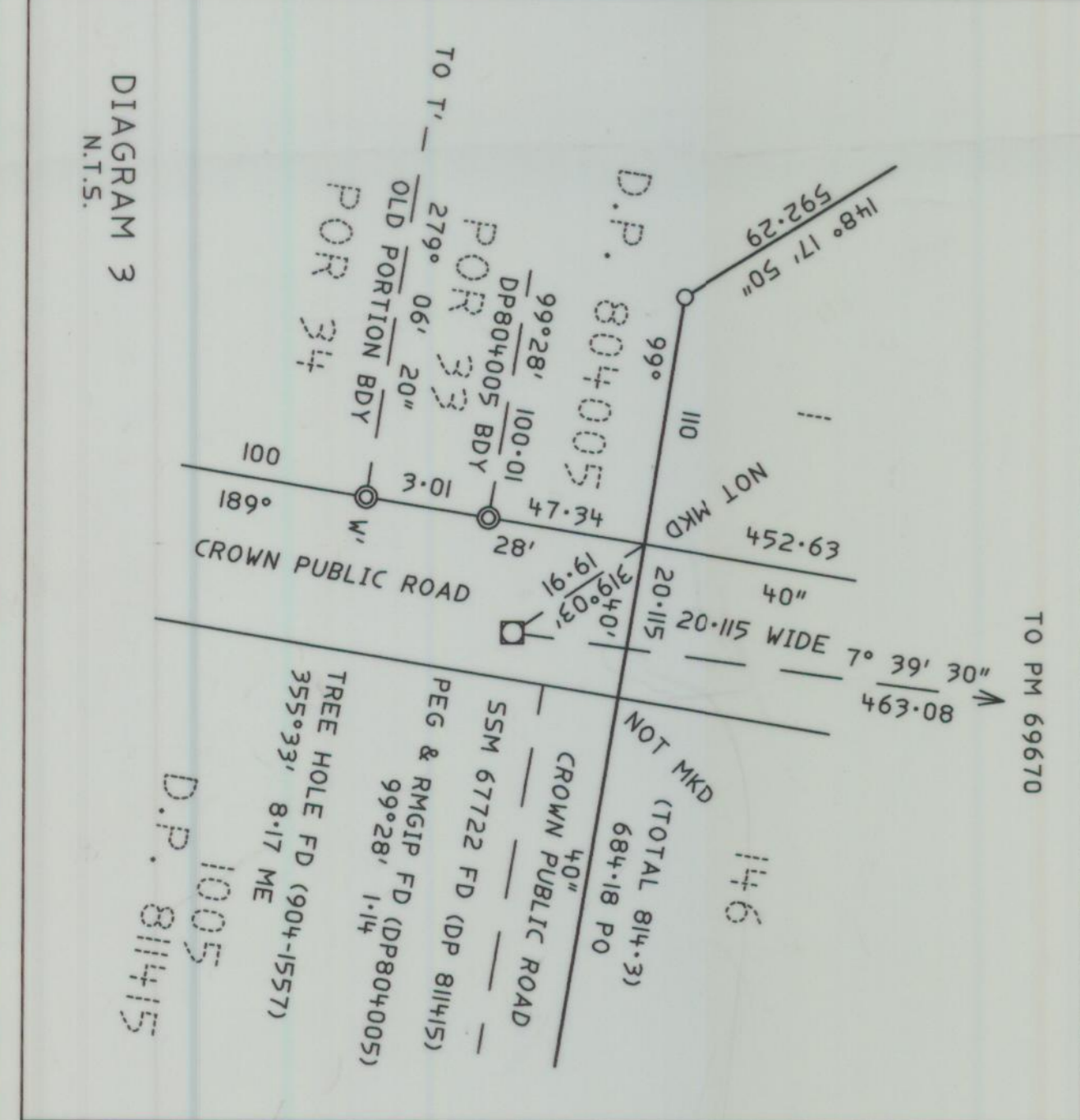
SURVEY CALCS: *[Handwritten]* 19.12.97

PLAN INVESTIGATED: *[Handwritten]* 19.12.97

PLAN APPROVED: *[Handwritten]* 20.12.97

PAPER NO.: 594 - 2017

M26840R



W	T	BY
270° 46' 10"	776.2	BY 904-1557
279° 52' 20"	778.02	BY ME
267° 14'	73.64	BY 904-1557
276° 53' 30"	72.99	BY ME

COMPARISONS

5' - TREE HOLE FD (904,1557) 289°06' 6.24  
 T' - BOX STUMP FD (904,1557) 236°08' 3.62  
 W' - TREE HOLE FD (904,1557) 355°33' 8.17 ME



T. S. & C.R. 2799 G.G. 18.5.1889 FOLIO 3631

PT. 2  
D.P. 71823

D.P. 110564

D.P. 829334

D.P. 404824

D.P. 739911

D.P. 121623

D.P. 252692

D.P. 739911

(Pt ML 17  
595.8ha)

D.P. 43053

D.P. 739912

(Pt ML 17  
12.5 ha)

D.P. 739912

(Pt ML 17  
785.4 m<sup>2</sup>)

TOTAL AREA  
ML 17  
613.8 ha  
(IN 4 PARTS)



MARK	EASTING	NORTHING	ZONE ACC.
T.S. 10441	309914.028	1402290.543	56/1 2
T.S. 10450	309905.783	1399595.224	56/1 1
T.S. 5471	314788.572	1401844.471	56/1 1

MARK	EASTING	NORTHING	ZONE ACC.
400	310000.00	1402900.25	PERG WITH METAL "ML17" TAG
401	310366.40	1402899.95	PERG WITH METAL "ML17" TAG
402	312185.80	1400244.55	CORNER FROM DP739912
403	310747.00	1398497.8	PERG WITH METAL "ML17" TAG
404	310000.00	1398617.50	PERG WITH METAL "ML17" TAG
405	311577.743	1401042.129	PERMANENT MARK
425	312388.8	1400230.2	DAM (EDGE WATER)
454	312407.4	1400203.9	DAM (EDGE WATER)
455	312414.0	1400185.9	DAM (EDGE WATER)
457	312407.1	1400171.1	DAM (EDGE WATER)
463	312007.3	1400757.75	CORNER OF SHED
464	311998.15	1400720.65	CORNER OF SHED
472	312017.85	1400720.65	CORNER OF HOUSE
473	312027.75	1400725.08	CORNER OF HOUSE
474	312023.06	1400735.6	CORNER OF HOUSE
480	312408.7	1400213.8	DAM (EDGE WATER)
21652	310458.012	1402588.988	STATE SURVEY MARK
28315	312541.012	1399782.050	STATE SURVEY MARK
28316	312333.738	1400063.114	STATE SURVEY MARK
28317	312140.536	1400362.508	STATE SURVEY MARK
28318	311930.319	1400577.562	STATE SURVEY MARK
28319	311772.373	1400836.057	STATE SURVEY MARK
28320	311360.708	1401310.030	STATE SURVEY MARK
28321	311168.935	1401669.913	STATE SURVEY MARK
28322	310953.293	1402025.179	STATE SURVEY MARK
28323	310797.199	1402189.127	STATE SURVEY MARK
28324	310682.611	1402406.931	STATE SURVEY MARK
28325	310453.572	1402689.297	STATE SURVEY MARK
28326	310386.575	1402985.177	STATE SURVEY MARK
28327	310281.803	1403288.792	STATE SURVEY MARK
67722	310784.80	1398631.05	STATE SURVEY MARK
69670	310846.50	1399090.00	PERMANENT MARK

SURVEY PRACTICE REGULATION 1996 : CLAUSE 32 (2)

MARK EASTING NORTHING ZONE ACC.

T.S. 10441 309914.028 1402290.543 56/1 2

T.S. 10450 309905.783 1399595.224 56/1 1

T.S. 5471 314788.572 1401844.471 56/1 1

COMBINED SEA LEVEL & SCALE FACTOR : 0.999922

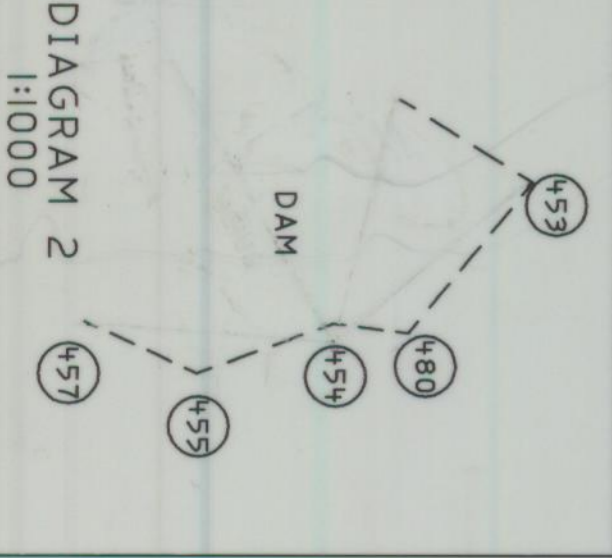
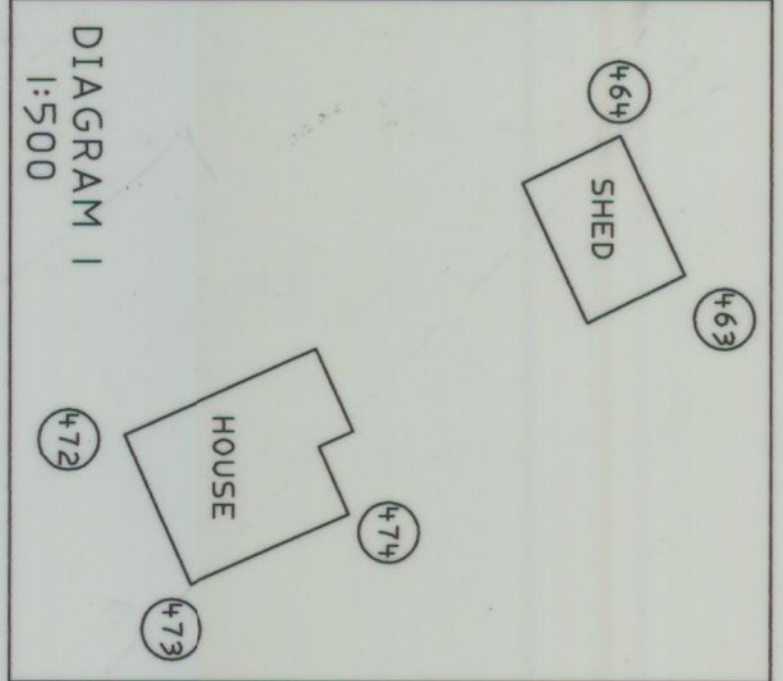
SOURCE : I.S.G. CO-ORDINATES ADOPTED FROM N.S.M. LANDS DEPARTMENT AT 20TH JAN., 1997

NOTE: ALL DISTANCES SHOWN ARE I.S.G. DISTANCES, NOT GROUND DISTANCES.

PLAN AMENDED FOR THE ADDITION OF TWO AREAS (12.5 ha and 785.4m<sup>2</sup>) - TOTAL AREA 613.8 ha

APPROVED \_\_\_\_\_

AUTHORISED OFFICER



PLAN OF PORTION ML 17

(PARISH(S)) AUCKLAND

COUNTY(S) DURHAM

MAP SHEET NO(S) 9132-4-N  
9133-3-S

REDUCTION RATIO 1: 6000

Lengths are in metres

MINING LEASE APPLICATION NO. 17

MINING DIVISION SINGLETON

APPLICANT BLOOMFIELD COLLIERIES PTY. LTD.

APPLICATION DATE 3 JUNE 1994

MINING LEASE NO.: ML 1432

STATUS:

METHOD:

Surface-exception/ Depth restriction :  
Embraces the surface and land below thereof to a depth of 20 metres below the surface.

NOTES

This is sheet 1 of my plan in 2 sheets.

Azimuth : T.S. 10450 TO T.S. 10441

Plans used in the course of this survey or calculation

904-1157	DP251001	DP379268	DP739911
92727-1603	DP251618	DP404824	DP739912
DS74623	DP252692	DP413053	DP804005
DP108662	DP264089	DP567886	DP811415
DP110564		DP605891	DP829334

Survey declared on this plan for lines  
ALL LINES SHOWN AS PO HAVE BEEN  
COMPILED FROM PREVIOUS PLANS.

I, ROBERT L. GEORGE  
R.L. GEORGE & ASSOCIATES  
of P.O. BOX 163, SINGLETON, 2330.

a surveyor registered under the Surveyors Act, 1929,  
herely certify that the survey represented in this plan  
is accurate and has been completed in accordance with  
the Surveyors (Practice) Regulations 1996 and the  
Directions for the Guidance of Mining Surveyors  
and was completed on 7TH FEB. 1997

Signature : *Robert L. George*

Surveyor's reference : 96-32.001

SURVEY CALCS: *M. R. ... 19.12.97*

PLAN INVESTIGATED: *M. R. ... 19.12.97*

PLAN APPROVED: *...*

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