



CCI/5418/87
CCI/5420/87
CCI/5423/87
CCI/5546/87



ANALYSIS & TESTING
OF SAMPLES FROM
DUNCAN No. 1
DUNCAN No. 3
BLACKWOOD COLLIERY
MOUNT LLOYD
MERRYWOOD SEAM PLY 2

February 1987

ORIGIN: Department of Mines - Tasmania JOB NO. 5418
DESCRIPTION: Duncan No. 1 DATE REC'D 5/2/87
Section D29 F1.70
REPORTED TO: Mr H Murchie c.c. Ms C Bacon

ANALYSIS OF ASH

Sample No.: 18919

ANALYSIS OF ASH:— (db)

SiO ₂	%	62.8
Al ₂ O ₃	%	26.3
Fe ₂ O ₃	%	2.32
CaO	%	3.21
MgO	%	0.62
TiO ₂	%	1.71
Na ₂ O	%	0.21
K ₂ O	%	0.76
Mn ₃ O ₄	%	0.080
SO ₃	%	0.76
P ₂ O ₅	%	0.019



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REPORTED BY *[Signature]*
DATE 17/6/87



**CARBON
CONSULTING
INTERNATIONAL PTY. LTD.**

HEAD OFFICE
6 CALLISTEMON CLOSE WARABROOK NEWCASTLE NSW 2304
TEL (049) 67 4477 TELEX 28245 (CCIAUS)
PO BOX 281 MAYFIELD NSW 2304 AUSTRALIA
INCORPORATED IN NEW SOUTH WALES

ORIGIN: Department of Mines - Tasmania JOB NO. 5418
DESCRIPTION: Duncan No. 3 DATE REC'D 5/2/87
Section B9 Fl.70
REPORTED TO: Mr H Murchie c.c. Ms C Bacon

ANALYSIS OF ASH

Sample No.: 18915

ANALYSIS OF ASH:— (db)

SiO ₂	%	68.0
Al ₂ O ₃	%	23.1
Fe ₂ O ₃	%	4.12
CaO	%	1.72
MgO	%	1.13
TiO ₂	%	0.80
Na ₂ O	%	0.41
K ₂ O	%	1.04
Mn ₃ O ₄	%	0.038
SO ₃	%	0.16
P ₂ O ₅	%	0.012



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REPORTED BY *D. J. Callaghan*
DATE 17/6/87

ORIGIN: Department of Mines - Tasmania JOB NO. 5420

DESCRIPTION: Blackwood Colliery DATE REC'D 5/2/87

REPORTED TO: Mr H Murchie c.c. Ms C Bacon

ANALYSIS OF ASH

<u>Sample No.:</u>		19136	19140	19148
<u>Description:</u>		B3	B7	B15
<u>ANALYSIS OF ASH:—</u>		(db)	(db)	(db)
SiO ₂	%	78.9	58.8	64.2
Al ₂ O ₃	%	15.3	27.3	30.4
Fe ₂ O ₃	%	3.60	10.9	3.72
CaO	%	1.17	0.91	0.54
MgO	%	1.32	2.77	0.82
TiO ₂	%	0.55	0.52	1.23
Na ₂ O	%	0.23	0.22	0.24
K ₂ O	%	0.51	0.45	0.57
Mn ₃ O ₄	%	0.018	0.026	0.017
SO ₃	%	0.08	0.04	<0.01
P ₂ O ₅	%	0.023	0.046	0.058



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DATE 17/6/87

ORIGIN: Department of Mines - Tasmania JOB NO. 5423

DESCRIPTION: Mount Lloyd DATE REC'D 5/2/87

REPORTED TO: Mr H Murchie C.C. Ms C Bacon

ANALYSIS OF ASH

Sample No.: 18939

ANALYSIS OF ASH:— (db)

SiO ₂	%	75.5
Al ₂ O ₃	%	16.2
Fe ₂ O ₃	%	2.62
CaO	%	2.77
MgO	%	0.71
TiO ₂	%	0.59
Na ₂ O	%	0.09
K ₂ O	%	0.83
Mn ₃ O ₄	%	0.050
SO ₃	%	0.73
P ₂ O ₅	%	0.044



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REPORTED BY *[Signature]*

DATE 17/6/87

ORIGIN: Department of Mines - TasmaniaJOB NO. 5546DESCRIPTION: Merrywood Seam Ply 2DATE REC'D 4/5/87REPORTED TO: Ms C Bacon

C.C. _____

ANALYSIS OF ASH

Sample No.:

Ply 2

ANALYSIS OF ASH:—

(db)

SiO ₂	%	65.6
Al ₂ O ₃	%	25.9
Fe ₂ O ₃	%	3.26
CaO	%	0.66
MgO	%	0.98
TiO ₂	%	0.93
Na ₂ O	%	0.07
K ₂ O	%	0.57
Mn ₃ O ₄	%	0.027
SO ₃	%	0.08
P ₂ O ₅	%	0.071



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REPORTED BY *P. Gallagher*DATE 6/7/87