



SWEP ANALYTICAL PTY. LTD. LABORATORIES

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7 May 1999

REPORT ON A SAMPLE OF BROWN COAL

FILE NUMBER: 990506758
SOURCE: *MADDINGLEY BROWN COAL*
DATE RECEIVED: 05/05/99
ANALYSIS REQUIRED: Full
SAMPLE IDENTIFICATION: *BROWN COAL (LIGNITE) (CARBO-MAX)*

RESULTS OF ANALYSIS ON DRY BASIS:

TOTAL NITROGEN	%	(N)	0.49
TOTAL PHOSPHORUS	ppm	(P)	16.9
TOTAL POTASSIUM	%	(K)	0.04
TOTAL SULPHUR	%	(S)	1.54
TOTAL CALCIUM	%	(Ca)	1.17
TOTAL MAGNESIUM	%	(Mg)	1.06
TOTAL SODIUM	%	(Na)	0.10
TOTAL IRON	ppm	(Fe)	5150
TOTAL MANGANESE	ppm	(Mn)	29
TOTAL ZINC	ppm	(Zn)	0.2
TOTAL COPPER	ppm	(Cu)	2.3
TOTAL COBALT	ppm	(Co)	0.23
TOTAL BORON	ppm	(B)	67.0
TOTAL MOLYBDENUM	ppm	(Mo)	0.57
TOTAL ORGANIC CARBON	%	(OC)	44.25
pH			6.0
EC		µs/cm	874

(Signature)
E H (Ted) Mikhail
Managing Director