

DIRECTORY D2/2009

OPERATING AND DEVELOPING COAL MINES

IN THE REPUBLIC OF SOUTH AFRICA

2009

DIRECTORATE: MINERAL ECONOMICS



the dme

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

**OPERATING AND DEVELOPING COAL MINES
IN THE REPUBLIC OF SOUTH AFRICA
2009**

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This directory is also available in electronic format.

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CONTENTS

	Page
FOREWORD.....	v
NOTES ON COAL SEAMS REFERRED TO IN THE DIRECTORY.....	vi
ABBREVIATIONS.....	vii
DIRECTORY OF COAL PRODUCERS.....	1
INDEX OF PRODUCERS.....	40
 APPENDICES	
Appendix 1: SOUTH AFRICAN COAL EXPORTING COMPANIES.....	45
Appendix 2: SOUTH AFRICAN COAL EXPORTING AGENCIES.....	48
Appendix 3: SOUTH AFRICAN ANTHRACITE PRODUCERS.....	49
Appendix 4: SOUTH AFRICAN COAL FIELDS MAP.....	50
Appendix 5: STATISTICAL DATA	
A: SOUTH AFRICAN COAL SALES.....	51
B: WORLD PROVEN COAL RESERVES, 2007.....	52
C: PRODUCTION AND EXPORTS OF COAL PRODUCING COUNTRIES, 2007.....	53
D: ANALYSIS OF COAL PRODUCT SAMPLES OF THE RSA COLLIERIES.....	54
LIST OF COAL STANDARDS AND ANALYTIC METHODS.....	74
 USEFUL ADDRESSES.....	 75

FOREWORD

This directory is an update of the previous editions, listing all collieries in operation in 2008 within the Republic of South Africa. Details of the mines were obtained from coal companies, to whom thanks are due.

The information is grouped under the names of the mining groups and controlling companies. The details include mine location, seams worked, coal types, mining and preparation methods and transportation.

Analytical data, by courtesy of the SABS (Coal and Minerals Services, Coal exploration and Technology), is incorporated in an Appendix, as is a list of anthracite producers and main coal exporting companies.

Statistical data had been revised and updated.

In 2007, the country's saleable coal production was 247,7Mt, of which 1 percent was anthracite and the rest was bituminous coal. 182,8Mt was sold domestically at revenue of R19,7 billion and 67,7Mt was exported, generating R24,4 billion in revenues.

We trust that this publication will provide useful work of reference to all those interested in South Africa's coal mining industry, both locally and internationally.

February 2009

NOTES ON COAL SEAMS REFERRED TO IN THE DIRECTORY

The generally accepted terminology regarding the various coal seams present in the different coalfields of the Republic of South Africa from bottom to top is:

GAUTENG, MPUMALANGA

- **Witbank Coalfield** - 1, 2, 3, 4 lower, 4 upper, 4A and 5
- **Highveld Coalfield** - 1, 2, 3, 4 lower, 4 upper, 4A and 5.
- **Ermelo Coalfield** (previously Eastern Transvaal Coalfield) - E, D, C lower, C, B and A.
- **Ermelo Coalfield** (Glenfillan-Wakkerstroom) - Targas, Coking, Dundas, Upper Dundas, Gus, Alfred and Eland

LIMPOPO PROVINCE

- **Waterberg Coalfield** - Coal zones 1, 2, 3, 4A, 4, 5, 6, 7, 8, 9, 10 and 11 comprising a large number of alternating coal-rich and coal-poor composite layers with layers of carbonaceous shale. Each zone is from a few centimeters up to 100 m in thickness.

KWAZULU/NATAL

- **Utrecht and Vryheid Coalfields** - The Targas seam at the bottom, followed upwards by the Coking, Dundas, Upper Dundas, Gus (or Main), Alfred (or Moss) Fritz and Eland seams.
- **Klip River Coalfield** - Bottom or Lower, Middle and Upper seams; locally, only one may be present, and it is then referred to as the Main seam.
- **Nongoma Coalfield** - Upper Anthracitic marker, pyritic shale marker coal, 8A, 8B, 8C, Main Seam (or 10), Foot wall (or fw) 1, 2, 3, Main Foot Wall seam (or fw4) and 13

FREE STATE

- **Vereeniging-Sasolburg Coalfield** - 1, 2A, 2B, 3 (or Top

ABBREVIATIONS

AFT	Ash Fusion Temperature , in degree Celsius
CV	Calorific Value, expressed in Mega Joules per kilogram (MJ/kg). One MJ/kg = 429,4 British thermal units per pound (Btu/lb) or 238,8 kilocalories per kilogram (kcal/kg)
Eskom	South Africa's electricity supply utility
FC	Fixed Carbon
Mt	Million tons
Met	Metallurgical
MW	Mega Watt
Na	Not available
RBCT	Richards Bay Coal Terminal
U/g	Underground
O/c	Opencast
VM	Volatile Matter

Coalfields are abbreviated as follows:

L - Limpopo, WG - Waterberg, WS - Western Soutpansberg, ES - Eastern Soutpansberg, SC - Central Soutpansberg, S - Springbok Flats, SK - Somkele, W - Witbank, K - Kangwane, OF - Free State, VS - Vereeniging – Sasolburg, SR – South Rand, H – Highveld, E – Ermelo, KR – Klipriver, U – Utrecht, V – Vryheid, N – Nongoma, M – Molteno – Indwe
(Appendix 3)

	PRODUCER	SEAM MINED; COAL TYPE; MINING METHOD COAL PREPARATION	TRANSPORTATION OF FINAL PRODUCT, MARKETING AND REMARKS
1	<p>ANGLO AMERICAN plc 44 Main Street JOHANNESBURG 2001</p> <p>P.O Box 61587 MARSHALLTOWN 2107</p> <p>Tel: (011) 638 9111 Fax: (011) 638 3194</p>		
	<p>ANGLO COAL DIVISION P O Box 61587 MARSHALLTOWN 2107</p> <p>Tel: (011) 638 9111 Fax: (011) 638 3194/4608</p>		Local and export sales. All sales include all Anglo Coal mines.
	COLLIERIES		
1.1	<p>BANK COLLIERY P O Box 212 MIDDELBURG 1050</p> <p>Lat: 29° 28' Long: 26 00' Tel: (013) 291 6000 Fax: (013) 291 6005</p>		Also known as Bank 2 Seam and Bank 5 Seam

	<p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Blesbokvlakte 24 IS, Wolwefontein 471 JS Bankfontein 24 IS, Hartebeesfontein 339 JS Welverdiend 23 IS, Boschmanskrans 22 IS MIDDELBURG</p>		
1.1A	<p>No 2 Seam Section (MB 0115)</p> <p>No 5 Seam Section (MB 0045)</p>	<p>No 1 and 2 seams; bituminous, mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing. No 5 seam; metallurgical; mechanised bord and pillar.</p>	<p>Exports comprise low ash metallurgical and steam coal. Transported by rail and road; local sales to metallurgical industry</p>
1.2	<p>GOEDEHOOP COLLIERY (MB 1439)</p> <p>Private Bag X410 VANDYKSDRIF 2245</p> <p>Lat: 29° 23' Long: E 26 6'</p> <p>Tel: (013) 687 5300 Fax: (013) 687 5322</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Enkeldebosch 20 IS, Goedehoop 46 IS Elandsfontein 309 JS, Welgevreden 324 JS</p>	<p>No 2 seam; No 4 Seam bituminous; mechanised bord & pillar</p> <p><u>Coal Preparation</u> Washing.</p>	<p>Also known as Greenside 4 Seam and Nooitgedacht 5 Seam.</p> <p>Exports comprise low ash metallurgical and steam coal Transported by rail and road; Local sales to metallurgical industry. Export steam coal by rail, Metallurgical coal by road and rail to local market</p>

	Haasfontein 28 IS, Koornfontein 27 IS Wilemsrust 47 IS MIDDELBURG		
1.3	<p>GREENSIDE COLLIERY (MB 0906) P O BLACKHILL 1032</p> <p>Lat: 29° 10' Long: 25 57'</p> <p>Tel: (013) 690 4911 Fax: (013) 690 4355</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Groenfontein 331 JS WITBANK</p> <p>Nooitgedacht No 5 seam Section</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Nooitgedacht 37 IS WITBANK</p>	<p>No 4 seam; bituminous; mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing. No 5 seam bituminous; mechanised bord and pillar</p> <p><u>Coal preparation</u> Washing.</p>	Export steam coal by rail and supplied by road and rail to local market.
1.4	<p>ISIBONELO COLLIERY (MB 3728) Private Bag X701 TRICHARD 2003</p> <p>Lat: 29° 16' Long: 26 52'</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Aangewys 81 IS, Witbank Rietfontein 101 IS</p>	<p>No 4 seam; bituminous; strip mining by dragline.</p> <p><u>Coal preparation</u> Crushing</p>	Transported by conveyor belt to Sasol Synthetic Fuels

<p>1.5</p>	<p>KLEINKOPJE COLLIERY (MB 4059) PO Box 2851 WITBANK 1035</p> <p>Lat: 29° 14' Long: 25 59'</p> <p>Tel: (013) 693 0111 Fax: (013) 693 0122</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Kleinkopje 15 IS, Klipfontein 322 IS Klippan 322 JS, Groenfontein 331 JS WITBANK</p>	<p>No's 1, 2 and 4 seams; bituminous; strip mining by dragline.</p> <p><u>Coal preparation</u> Washing.</p>	<p>Exports comprise low ash metallurgical and steam coal. Transported by rail and road. Local sales to metallurgical industry.</p>
<p>1.6</p>	<p>KRIEL COLLIERY (MB 0014) PO Box 27 KRIEL 2271</p> <p>Lat: 29° 11' Long: 26 14'</p> <p>Tel: (017) 617 1111 Fax: (017) 617 4811</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Driefontein 69 IS, Frischgewaagd 60 IS Nooitgedacgt 59 IS, Valpan 68 IS, Vlaklaagte 83 IS, Onvervacht 70 IS, Roodebloem 58 IS BETHAL</p> <p>Opencast Section</p>	<p>No 4 seam; bituminous; strip mining by dragline.</p> <p><u>Coal preparation</u> Crushing.</p>	<p>Conveyor belt to Kriel Power Station.</p> <p>Conveyor belt to Kriel Power Station.</p>

	Underground Section	No 4 seam; bituminous; bord and pillar <u>Coal preparation</u> Crushing	
1.7	LANDAU COLLIERY (MB 2928) PO Box 78 CLEWER 1036 Lat: 29° 6' Long: 25 51' Tel: (013) 656 9000 Fax: (013) 693 9016 <u>Coalfield</u> Witbank <u>Farm, District</u> Kromdraai 279 JS, Nooitgedacht 300 JS, Schoongezicht 308 JS, Elandsfontein 309 JS, Blaauwkrans 323 JS. WITBANK	Nos 1 and 2 seams; bituminous; strip mining by dragline <u>Coal preparation</u> Washing.	Export of steam coal by rail and coal to local market by road and rail.
1.8	MAFUBE COLLIERY (4356) Private Bag X2022 STANDERTON 2430 Lat: 29° 44' Long: 26 48' Tel: (013) 246 9400 Fax: (013) 246 9543 <u>Coalfield</u> Witbank	No 2 seam bituminous; truck and shovel <u>Coal preparation</u> Crushing.	Transported by road to Arnot Power station.

	<p><u>Farm, District</u> Elandsfontein 433 JS, Kleinfontein 432 JS, Springboklaagte 416 JS MIDDELBURG</p>		
1.9	<p>NEW DENMARK COLLIERY (MB 1122) Private Bag X2022 STANDERTON 2430</p> <p>Lat: 29° 18' Long: 26 44'</p> <p>Tel: (017) 749 0000 Fax: (017) 749 1105</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Slagkraal 353 IS, Uityk 339 IS, Mooifontein 342 IS, Standershoop 340 IS, Meyersvallei 354 IS, Joubertvallei 337 IS, New Denmark 335 IS, Vogelvallei 355 IS, Honiball 351 IS, Eengsgevonden 373 IS, Pretoriusvley 374 IS STANDERTON</p>	<p>No 4 seam; bituminous; bord and pillar, longwall.</p> <p><u>Coal Preparation</u> Crushing.</p>	Transported by conveyor belt to Tutuka Power Station.
1.10	<p>NEW VAAL COLLIERY (MB 1128) P/ Bag X414 VILJOENSDRIF 9580</p> <p>Lat: 27° 57' Long: 26 42' S</p> <p>Tel: (016) 450 7200 Fax: (016) 455 1004</p> <p><u>Coalfield</u> Vereeniging - Sasolburg</p>	<p>Top, middle and bottom seams; bituminous; strip mining by dragline.</p> <p><u>Coal preparation</u> Crushing, screening and washing.</p>	Transported by conveyor belt to Lethabo Power Station.

	<p><u>Farm, District</u> Maccavlei 121 Rietfontein 152 SASOLBURG</p>		
2	<p>Mother Company</p> <p>ANKER HOLDINGS B.V. Lichtenauerlaan 90 3062 ME Rotterdam THE NETHERLANDS</p> <p><u>Controlling Company</u> ANKER COAL AND MINERAL HOLDINGS SA (PTY) LTD P O Box 4929 MIDDELBURG 1050</p> <p>Tel: (013) 282 6226 Fax: (013) 243 4767</p>		
	<p><u>COLLIERIES</u></p>		
2.1	<p>ELANDSFONTEIN COLLIERY (MB 2994) P O Box 33 CLEWER 1035</p> <p>Lat: 29 06' Long: 25 54'</p> <p>Tel: (013) 659 7125 Fax: (013) 659 7116</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Elandsfontein 309 JS WITBANK</p>	<p>1 and 2 seam; bituminous; opencast</p> <p><u>Coal preparation</u></p> <p>Washing</p> <p>Heavy medium drum and cyclones. Spirals and filter press.</p>	<p>sales through Durban, Maputo and Richards Bay</p>

<p>2.2</p>	<p>GOLFVIEW COLLIERY (MB 2765) P O Box 2876 ERMELO 2350</p> <p>Lat: 26 29' Long: 29 54'</p> <p>Tel: (017) 819 5380 Fax: (017) 811 6333</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm, District</u> Buhrmans Tafelkop 135 IS ERMELO</p>	<p>C-Upper seam; C Lower seam; bituminous opencast and underground</p> <p><u>Coal preparation</u> Double drum and plant. cyclone plus spiral plant.</p>	<p>Transported by road and rail local and export sales through Maputo and Richards Bay.</p>
<p>3</p>	<p>BENICON COAL (PTY) LTD P O Box 2244 WITBANK 1035</p> <p>Tel: (013) 691 1144 Fax: (013) 691 1148</p>		<p>Rail to Maputo.</p>
<p>3.1</p>	<p>NKOMATI ANTHRACITE(3441) P O Box 2244 WITBANK 1035</p> <p>Lat: 25 46' Long: 31 48'</p> <p>Tel: (013) 691 1144 Fax: (013) 691 1148</p> <p><u>Coalfield</u> Nkomati</p> <p><u>Farm, District</u> Kamhlushwa Komatipoort</p>		

<p>4</p>	<p>BHP BILLITON SA LTD 6 Hollard Street JOHANNESBURG 2001</p> <p>PO Box 61820 MARSHALLTOWN 2107</p> <p>Tel: (011) 376 9111 Fax: (011) 838 4716</p> <p>Controlling Company</p> <p>INGWE COAL CORPORATION LTD 6 Hollard Street JOHANNESBURG 2001</p> <p>PO Box 61820 MARSHALLTOWN 2107</p> <p>Tel: (011) 376 9111/ (013) 653 1100 Fax: (011) 838 7190/834 4799/(013) 653 1772</p>		
<p>4.1</p>	<p>DOUGLAS COLLIERY (MB 0947) PO VANDYKSDRIF 2245</p> <p>Lat: 26 05' Long: 29 17'</p> <p>Tel: (013) 687 5000 Fax: (013) 697 9027</p> <p>Douglas Section</p> <p><u>Coalfield</u> Witbank</p>	<p>No 1, 2, 4 and 5 seams; bituminous</p> <p>Underground</p> <p>Bord and pillar and continuous miners</p> <p>Opencast</p> <p>Strip mining by draglines truck and shovel.</p> <p><u>Coal preparation</u> Washing.</p>	<p>Transported by road and rail; local and export sales</p>

	<p><u>Farm, District</u> Boschmanskrans 22 IS MIDDELBURG</p>		
4.2	<p>MIDDELBURG MINE (MB 0793) Middelburg Mine Services (Pty) Ltd PO Box 1672 MIDDELBURG 1050</p> <p>Lat: 25 56' Long: 29 23'</p> <p>Tel: (013) 249 3333 Fax: (013) 249 3120</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Hartbeesfontein 339 JS; Bankfontein 340 JS Sterkwater 317 JS; Goedehoop 315 JS Klipfontein 470 JS; Rondebosch 468 JS</p>	<p>Nos 1,2 and 4 seams; bituminous; strip mining by draglines.</p> <p><u>Coal preparation</u> Washing.</p>	<p>Transported by rail to Richards Bay; Export sales and supplies by conveyor belt to Duvha Power Station.</p>
4.3	<p>KHUTALA COLLIERY (MB 1691) P O Box 440 OGIES 2230</p> <p>Lat: 26 07' Long: 29 00'</p> <p>Tel: (013) 648 5000 Fax: (013) 648 1423</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Cologne 34 IS WITBANK</p>	<p>No's 2, and 4 seams Bituminous mechanised bord & pillar; opencast No 4 seam only</p> <p><u>Coal preparation</u> Crushing</p>	<p>Conveyor to the Kendal Power Station. Tied to the 3 600 MW Kendal Power Station Coal from opencast and underground operations</p>

<p>4.4</p>	<p>KLIPSPRUIT COLLIERY (MB 3684) P O Box 61820 MARSHALLTOWN 2107</p> <p>Lat: 26 02' Long: 29 01'</p> <p>Tel: (011) 376 9111 Fax: (011) 838 4716</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Klipfontein 3 IS</p>	<p>No 2 and 4 Seams bituminous; truck & shovel;</p>	<p>Transported by road to Rietspruit Plant Exported by rail</p>
<p>5</p>	<p>BLACK WATTLE COLLIERY (MB 3046) P O Box 1704 MIDDELBURG 1050</p> <p>Lat: 25 49' Long: 29 26'</p> <p>Tel: (013) 243 5840 Fax: (013) 243 5861</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Middelburg Town and Townlands MIDDELBURG</p>	<p>No 1 and 2 seams; bituminous; mechanised bord and pillar.</p> <p><u>Coal preparation</u> Spirals, cyclone and drum separation.</p>	<p>Export and local sales.</p>
<p>6</p>	<p>BRANDYWINE VALLEY INVESTMENT (PTY) LTD UITKOMST COLLIERY (4436) Postnet Suite 97 P/bag X 6603 NEWCASTLE 2940</p>	<p>Opencast and underground operation Bituminous Bord and pillar</p>	<p>Local Sales</p>

	<p>Tel: (034) 312 3703 Fax: (034) 312 3719</p> <p><u>Coalfield</u> Klipriver</p> <p><u>Farm, District</u> Uitkomst 95</p>		
7	<p>BSM MINING/ NUCOAL MINING JV KHANYISA COLLIERY (MB 4475) Postnet Suite 30 P/Bag X 11 BIRNAM PARK</p> <p>Tel: 079 515 0778 Fax: 086 650 8583</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Heuvelfontein 215 IR</p>	<p>Opencast operation Bituminous</p>	Local Sales
8	<p>COASTAL FUELS (PTY) LTD P O Box 1050 RIVONIA 2128</p> <p>Tel: (011) 807 8667 Fax: (011) 234 1242</p> <p><u>Marketing</u> Carolina Coal Company (Pty) Ltd Tel: (011) 807 8667</p>		
8.1	PAARDEPLAATS COLLIERY (MB 2176)	E Seam;	

<p>8.2</p>	<p>DROOGVALLEI COLLIERY (MB 3419) P O Box 887 CAROLINA 1185</p> <p>(W) Lat: 26 10' Long: 30 07' (P) Lat: 26 03' Long: 30 10' (D) Lat: 26 05' Long: 30 09' (W) Lat: 26 09' Long: 30 07'</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm, District</u> Paardeplaats, Witkrans, Droogvallei & Witrand CAROLINA</p>	<p>Bituminous; mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing. Raw crushing and screening</p>	
<p>9</p>	<p>EASTSIDE COAL COMPANY (MB 3794) P O Box 3185 WITBANK 1035</p> <p>Lat: 26 45' Long: 29 19' Tel: (013) 690 3131/3443 Fax: (013) 656 4374</p> <p>Tel: (013) 690 3131/3443 Fax: (013) 656 4374</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Haarlem 391T Carolina District</p>	<p>B and C Seam Opencast Barnaby Barrel Bituminous, Metallurgical and Steam.</p>	<p>Transported by road and rail. Export through RBCT and Maputo. Local Sales to Industry and Eskom.</p>
<p>10</p>	<p>EXXARO RESOURCES P.O. Box 9229 PRETORIA 0001</p>		

	Tel: (012) 307 3000 Fax: (012) 307 3122		
	COLLIERIES		
10.1	<p>MATLA COLLIERY (MB 3998) Private Bag X5006 KRIEL 2271</p> <p>Lat: 26 15' Long: 29 07' Tel: (017) 616 2217 Fax: (017) 616 2205</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Haasfontein 95 IS BETHAL</p>	<p>Nos 2, and 4 seams; bituminous; bord & pillar mechanized , with continuous miners & shortwall on 2 seam and 4 seam.</p> <p><u>Coal preparation</u> Crushing and screening.</p>	Conveyor belt to Matla Power Station;
10.2	<p>GLISA COLLIERY (MB 6272) PO Box 321 BELFAST 1100</p> <p>Lat: 25 41' Long: 30 00'</p> <p>Tel: (013) 253 1151 Fax: (013) 253 1153</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Paardeplaats 380 JT BELFAST</p>	<p>No 2 seam bituminous; strip mining & underground Bord and pillar.</p> <p><u>Coal preparation</u> Crushing and screening.</p>	Transported by road and rail; local and export.

<p>10.3</p>	<p>ARNOT COLLIERY (MB 0013) Private Bag X3 RIETKUIL 1097</p> <p>Lat: 25 55' Long: 29 46'</p> <p>Tel: (013) 297 8111 Fax: (013) 297 8029</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Rietkuil 491 JS MIDDELBURG</p>	<p>No 2 seam; bituminous; mechanised bord & pillar and shortwall</p> <p><u>Coal preparation</u> Washing.</p>	<p>Conveyor belt to Arnot Power Station.</p>
<p>10.4</p>	<p>NEW CLYDESDALE COLLIERY (MB 446) Private Bag X 888 VANDYKSDRIFT 2245</p> <p>Lat: 26 08' Long: 29 19'</p> <p>Tel: (013) 687 9502 Fax: (013) 687 9505</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Vaalkrans 29 IS WITBANK</p>	<p>Nos 1 and 2 seam; Opencast mining</p> <p><u>Coal preparation</u> Washing.</p>	<p>A Grade Export and Local Domestic Markets D Grade Coal to Eskom</p>
<p>10.5</p>	<p>GROOTEGELUK COAL MINE (MB 0252) PO Box 178 LEPHALALE 0555</p> <p>Lat: 23 40' Long: 27 31'</p>	<p><u>Coal preparation</u> Crushing and washing, heavy-medium and drum and cyclone plants as well as spirals.</p>	<p>Export and local sales Steam coal for Eskom's Matimba Power Station on site transported by rail and road</p>

	<p>Tel: (014) 763 9100 Fax: (014) 763 9108</p> <p><u>Coalfield</u> Waterberg</p> <p><u>Farm, District</u> Enkelbult 462 LQ, Turfvlakte 463 L Q Hieromtrent 460 LQ, Grootegeluk 459 LQ, Daarby 458LQ, Leeuwdrift 312 LQ WATERBERG</p>		
10.6	<p>LEEUPPAN COAL MINE (MB 2895) P O Box 2353 DELMAS 2210</p> <p>Lat: 26 10' Long: 28 43'</p> <p>Tel: (013) 665 7601 Fax: (013) 665 7630</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Kenbar 257 IR Witklip 229 IR</p>	<p>No 2, 4 and 5 seams; open pit mining.</p> <p><u>Coal preparation</u> Crushing and washing HMS drum and cyclones as well as spirals.</p>	Transported by rail and road
10.7	<p>TSHIKONDENI COAL MINE (MB 1375) PO Box 9229 Tshikondeni 0959</p> <p>Lat:22 29' Long: 30 57'</p> <p>Tel: (015) 966 5000 Fax: (015) 966 5100</p>	<p>Top seam, coking bord and pillar with pillar extraction; mechanised road headers and conventional mechanised mining</p>	

	<p><u>Coalfield</u> Soutpansberg</p> <p><u>Farm, District</u> Tshikondeni 88 MT + 280MT THOHOYANDOU</p>	<p><u>Coal preparation</u> Crushing and washing cyclone and spirals, froth flotation.</p>	
11	<p>EYETHU COAL (PTY) LTD</p> <p>LEEUWPOORT COLLIERY (MB 4423) P.O. Box 439 Witbank 1035</p> <p>Tel: (013) 656 1544 Fax: (013) 656 1937</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Doornkop 365 JS</p>	<p>Opencast operation Bituminous coal</p>	Local Sales
12	<p>HOMELAND, MINING AND ENERGY SA (PTY)LTD</p>		
12.1	<p>KENDAL COLLIERY (MB 4478) P.O.Box 20586 Del Judor Ext 4 Witbank 1044</p> <p>Tel: (013) 656 1060/37 Fax: (013) 656 1086</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Bankfontein 216 IR Heuvelfontein 215 IR</p>		

<p>12.2</p>	<p>NORTHFIELD COLLIERY (MB 4454) P.O.Box 20586 Del Judor Ext 4 Witbank 1044</p> <p>Tel: (013) 656 1060/37 Fax: (013) 656 1086</p> <p><u>Coalfield</u></p> <p><u>Farm, District</u> Brickfields 15750 GT GLENCOR, KZN</p>		<p>Production not yet started, new mine.</p>
<p>13</p>	<p>KANGRA COAL (PTY) LTD (MB 1510) P O Box 745 PIET RETIEF 2380</p> <p>Tel: (017) 826 5280/1/2/3 Fax: (017) 826-5284</p>		<p>Transported by road and rail</p>
<p>13.1</p>	<p>SAVMORE COLLIERY (MB 5050) P O Box 745 PIET RETIEF 2380</p> <p>Lat: 26 52' Long: 27 50'</p> <p>Tel: (017) 826 5280 Fax: (017) 826 5284</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm District</u> Grootlaagte, St Helena, Grootspuit, Maquasa, Roodekraal, Rooikop, Klipspruit, Annyspruit. WAKKERSTROOM</p>	<p>Bituminous coal; mechanised bord and pillar.</p> <p><u>Coal preparation</u> Heavy medium cyclone plants</p>	<p>Transported by road and rail; export and local sales.</p>

<p>14</p>	<p>KUYASA MINING (PTY) LTD P/Bag X7250 WITBANK 1035</p> <p>Tel: (013) 656 3659 Fax: (013) 690 3545</p>		
	<p><u>COLLIERY</u></p>		
<p>14.1</p>	<p>IKHWEZI COLLIERY (PTY) LTD P/Bag X7250 WITBANK 1035</p> <p>Lat: 26 15 33 South Long: 28 49 42 E</p> <p>Tel: (013) 656 3659 Fax: (013) 360 3545</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Haverglen 269 DELMAS</p>	<p>No 2, 4 upper and lower seams; bituminous;</p>	<p>Transported to Delmas Colliery</p>
<p>14.2</p>	<p>DELMAS COAL (MB 3561) Private Bag DELMAS 2210</p> <p>Lat: 26 15 33 South Long: 28 49 42 E</p> <p>Tel: (013) 665 2171 Fax: (013) 665 7117</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Haverklip 265 IR DELMAS</p>	<p>No 4 seam; bituminous bord and pillar mechanized</p> <p>No 4 seam; bituminous coal Bord and Pillar method Dense Medium Cyclone</p> <p><u>Coal preparation</u> Washing.</p>	<p>Transported by rail and road.</p>

15	LEEUEW MINING AND EXPLORATION P.O. Box 61693 MARSHALLTOWN 2107 Tel: (011) 638 2414 Fax: (011) 638 5778		Transported by road and rail
15.1	LEEUEW VAALKRANTZ COLLIERY (MB 3730) P.O. Box 61693 MARSHALLTOWN 2107 Lat: 27 46' Long: 30 57' Tel: (034) 967 8000 Fax: (034) 967 8006 <u>Coalfield</u> Vryheid <u>Farm, District</u> Rustplaats 165 Subs 4, 5 & RE Vaalkrantz 306 - Subs 6,7,RE & RE/1 Langkrantz 367 - Subs 2(B), 3/1, RE/1 & A Leeuwnek 51 Bellevue 25 MA 1/RE Bloemendal 18 - Sub2 & Lease 2/2 Vredenhof 299 Sub1, 10 & 9 Enyati 698 - Subs 1, 2 &2	Alfred and Gus - Anthracite Mechanised Conventional and Scraper Mining Bord and Pillar <u>Coal preparation</u> High Medium Double Stage Cyclone Washing Plant Operation producing two products from each seam	
16	MASHALA RESOURCES (PTY) LTD P O Box 413800 CRAIGHALL 2024 Tel: (011) 268 6080 Fax: (011) 268 6078		Local (Eskom, ferro alloy smelters, other industrial) Exports: PSS smalls into inter- national seaborne coal trade(power utilities, etc) and sized coal into Turkey, etc

<p>16.1</p>	<p>WESSELTON MINE (N/A) P O Box 413800 CRAIGHALL 2024</p> <p>Tel: (017) 801 3036 Fax: (017) 801 2345</p> <p><u>Coalfield</u> Ermelo, Mpumalanga</p> <p><u>District</u> Msukaligwa, Mpumalanga</p>	<p>a. Underground: - C Lower seam; Bituminous</p> <p>- Bord & Pillar, conventional drill/blast & continuous</p> <p>b. Opencast - C Upper seam; Bituminous box-cut method</p> <p>Products crushed & beneficiated at, and despatched ex, Mashala's Processing and dispatch Centre in Ermelo</p>	<p>Local: Transported by road & rail</p> <p>Exports: Transported by rail to, and exported via, RBCT Durban and Maputo</p> <p>Eskom, other local and export markets</p>
<p>16.2</p>	<p>GELUK MINE (N/A) P O Box 413800 CRAIGHALL 2024</p> <p>Tel: (034) 980 2229 Fax:(034) 980 2230</p> <p><u>Coalfield</u> Vryheid, KZN</p> <p><u>District</u> Paulpietersburg/Vryheid Kwazulu-Natal</p>	<p>Underground: Lower Dundas Anthracite</p> <p>Bord & Pillar, conventional drill & blast method</p> <p>Products crushed & beneficiated at, and dispatched ex, Mashala's Processing and dispatch Centre in Ermelo</p>	<p>Local: Transported by road & rail</p> <p>Exports: Transported by rail to RBCT, Durban and Maputo</p> <p>Markets: Eskom, other local and export markets</p>
<p>17</p>	<p>NORTHERN COAL (PTY) LTD P.O. Box 52651 SAXONWOLD 2132</p> <p>Tel: (011) 882 7204 Fax: (011) 882 9044</p>		

<p>17.1</p>	<p>MIMOSA COLLIERY (MB 3486) P.O. Box 52651 SAXONWOLD 2132</p> <p>Lat: 26 13' Long: 30 06' Tel: (017) 843 3195 Fax: (017) 843 1424</p> <p><u>Coalfield</u> Witbank <u>Farm, District</u> Witkrantz, 53IT Carolina District</p>	<p>Seam: C Upper</p> <p>Bituminous Opencast</p> <p><u>Coal Preparation</u> HMS Washing plant</p>	<p>Road transport to siding Rail transport to RBCT</p>
<p>18</p>	<p>OPTIMUM HOLDING OPTIMUM COLLIERY (MB 0474) Private Bag X1201 PULLENSHOPE 1096</p> <p>Lat: 26 00' Long: 29 36'</p> <p>Tel: (013) 296 5111 Fax: (013) 296 5108 X 266</p> <p><u>Coalfield</u> Witbank</p> <p>OPTIMUM SECTION</p> <p><u>Farm, District</u> Pullenshope 155 IS; Optimus 480 IS MIDDELBURG</p> <p>EIKEBOOM SECTION</p> <p><u>Farm, District</u> Eikeboom 466 JS; Arendsfontein 464 JS Sales for both Eikeboom and Optimum</p>	<p>Nos 2 and 4 seams; bituminous; strip mining with large walking draglines.</p> <p><u>Coal preparation</u> Crushing, screening and double stage washing.</p>	<p>Conveyor belt to Hendrina Power Station and rail to the Richards Bay Coal Terminal</p>

<p>19</p>	<p>POLMAISE COLLIERY (PTY) LTD POLMAISE COLLIERY (MB 1707) P.O. Box 4429 MIDDELBURG 1050</p> <p>Lat: 25 53' Long: 29 27'</p> <p>Tel: (013) 283 1401/3 Fax: (013) 283 1416</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Goedehoop 315 JS</p>	<p>Underground operation</p> <p>Bituminous</p> <p>Bord and pillar</p>	<p>Local sales and exports through Richards Bay Coal Terminal</p>
<p>20</p>	<p><u>Group</u> RIVERSDALE HOLDINGS (PTY) LTD PO Box 1774 EMPANGENI 3880</p> <p>Tel: (035) 870 0302 Fax: (035) 870 0805</p>		
<p>20.1</p>	<p>ZULULAND ANTHRACITE COLLIERY</p> <p>Lat: 28 14' Long:31 41' Tel:(035) 8700 081 Fax:(035) 8700702</p> <p><u>Coalfield</u> Nongoma</p> <p><u>Farm, District</u> Mahlabathini TRUSTLAND</p>	<p>Main Seam; anthracite;</p> <p><u>Coal preparation</u> Washing</p>	<p>Transported by rail; export and local sales</p>
<p>21</p>	<p>SACMH (PTY) LTD P/Bag X 10 LYNWOOD RIDGE 0040</p>		

	<p>Tel: (011) 748 2832 Fax: (011) 748 2828</p>		
21.1	<p>ILANGA COLLIERY (MB 3415) P O Box 1923 MIDDELBURG 1050</p> <p>Lat: 26 09' Long: 29 25'</p> <p>Tel: (013) 295 3263 Fax: (013) 295 3253</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Kleinfontein 49 IS</p>	<p>No 2 Seam; Bituminous; Opencast</p>	<p>Rail to export</p>
21.2	<p>UMLABU COLLIERY (MB 3771) P O Box 1923 MIDDELBURG 1050</p> <p>Tel: (013) 295 3263 Fax: (013) 295 3253</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm, District</u> Mooifontein 109 IT</p>	<p>Opencast and underground operations Bituminous Bord and pillar</p>	
22	<p>SASOL MINING (PTY)LTD</p> <p>Wholly owned by subsidiary of Sasol P/Bag X 1015 SECUNDA 2302</p> <p>Tel: (017) 614 1111/5005 Fax: (017) 614 5036/5016</p>		<p>Coal division delivers to two synfuel plants, Eskom and Export market</p>

	COLLIERIES		
22.1	<p>SIGMA MINE (MB 0584) P.O Box 32 SASOLBURG 9570</p> <p>Lat: 26 22' Long: 29 57'</p> <p>Tel: (016) 970 6414 Fax: (016) 973 3810</p> <p><u>Coalfield</u> Vereeniging – Sasolburg</p> <p><u>Farm, Distric</u> Saltberry Plain 137 Parys RD SASOLBURG</p>	<p>No's 2A, 2B & 3 seams; Bituminous</p> <p>Continuous miners for pillar extraction</p> <p>Bord and pillar mining</p> <p>Opencast</p> <p><u>Coal preparation</u> Crushing and dry screening</p>	Supplies Sasol Infracchem plant via conveyor belt
22.2	<p>SASOL MINE (MB 1460) P/Bag X 1015 SECUNDA 2302</p> <p>Lat: 26 33' Long: 29 06' Lat: 26 34' Long: 26 32' Lat: 26 32' Long: 29 20' Lat: 26 33' Long: 09 17'</p> <p>Tel: (017) 614 5015 Fax: (017) 614 5016</p> <p><u>Coalfield</u> Highveld</p> <p><u>Collieries</u> BOSJESSPRUIT, BRANDSPRUIT (MB 1475) MIDDELBULT (MB 1496) TWISTDRAAI (MB 1488) SYFERFONTEIN (MB 2543) TWISTDRAAI COLLIERY(MB 2798)</p>	<p>No 3 and 4 lower seams; Bituminous;</p> <p>Continuous miners for pillar extraction;</p> <p>Bord and pillar mining</p> <p>No 4 and 5 seams strip</p> <p>Underground</p> <p><u>Coal preparation</u> Crushing and wet screening Dense media separation</p>	<p>Supplies Sasol synfuels, eastern and western plants via conveyor belt</p> <p>Export market by Twistdraai Collieries.</p> <p>Conveyor belt, rail and ship sales to Eskom</p>

	<p><u>Farm, District</u> Brandspruit 318 IS, Middelbult 284 IS, Bosjesspruit 191 IS Goedehoop 290 IS, Frischgewaagd 294 IS, Groove 293 IS SECUNDA</p>		
23	<p>SHANDUKA COAL 23 Melrose Bld Melrose Arch MELROSE NORTH 2196</p> <p>PO Box 78902 SANDTON 2126</p>		
	<p><u>COLLIERY</u></p>		
23.1	<p>GRASPAN COLLIERY (MB 3413) P O Box 272 MIDDELBURG 1050</p> <p>Lat: 25 47' Long: 29 24'</p> <p>Tel: (013) 241 2500 Fax: (013) 241 2510</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Rietfontein, MIDDELBURG</p>	<p>No 1, 2, 3 and 4 Seams Metallurgical Bituminous; Opencast.</p>	<p>Transported by road and rail.</p>
23.2	<p>SIDE MINERALS – LEEUWFontein (MB 4218) Suite MW 113 P/Bag 1838 MIDDELBURG 1050</p> <p>Lat; 26 08' Long: 28 57'</p>	<p>Opencast and underground operations Bituminous Bord and pillar</p>	<p>Export and local sales</p>

	<p>Tel: (013) 244 8000 Fax: 086 605 2644</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Bankfontein 216 IR Leeuwfontein 219 IR, Uitkyk Welgelegen 221 IR</p>		
24	<p>SIYANDA RESOURCE 12th Floor, Nedbank Building 81 Main street MARSHALLTOWN</p>		
24.1	<p>KOORNFONTEIN MINES (MB 0048) P.O Box BLINKPAN 2250</p> <p>Lat: 26 05' Long: 29 08'</p> <p>Tel: (013) 295 3111 Fax: (013) 295 3101</p> <p>Blinkpan and Gloria Sections</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Broodsneyersplaats 25 IS, blesbokvlakte 24IS, Welverdiend 23 IS, Arberdeen 152 Is, Wilmansrust 47 IS, Driefontein 153 IS, Geluk 26 IS MIDDELBURG</p>	<p>No 2 seam, Bituminous</p> <p>Merchanised bord and pillar</p> <p><u>Coal preparation</u> Crushing, screening and washing</p>	<p>Sales through Gloria and Blinkpan Sections</p> <p>Transported by rail, Exports steam coal</p>
25	<p>SLATER COAL P O Box 684 DUNDEE 3000</p>		<p>Rail to KwaZulu/Natal</p> <p>Local sales by road. Rail to Export</p>

	<p>Tel: (034) 218 1367/212 1455 Fax: (034) 212 1232</p>		
25.1	<p>AVIEMORE AND MAGDALENA COLLIERY (MB 3600) P O Box 684 DUNDEE 3000</p> <p>Tel: (034) 218 1367/212 1455 Fax: (034) 212 1232</p> <p><u>Coalfield</u> Klip Rivier</p> <p><u>Farm, District</u> Magdalena 7574 Morgenstond 3347</p>	<p>Bituminous Opencast operation Conventional bord & pillar Gus/Alfred combination</p> <p><u>Coal preparation</u> Processing of all coal from both mines through the Dundee Coalfields Processing Plant. Also calcining of anthracite</p>	<p>Rail to KwaZulu/Natal local sales by road. Rail to Export.</p>
26	<p>SNR PLC ELITHENI COLLIERY (MB 4540) 130 Cape Road Milpark PORT ELIZABETH 6001</p> <p>Tel: (041) 374 0842 Fax: (041) 374 0856</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Macubeni Lot 3 Guba Hoek Area</p>	<p>Opencast operation Anthracite</p>	<p>Local sales</p>
27	<p>SPRINGLAKE HOLDINGS LIMITED P O Box 6070 RIVONIA 2128</p>		

	Tel: (011) 706-1644 Fax: (011) 706-1594		
	COLLIERY		
27.1	SPRINGLAKE COLLIERY (MB 3335) PO Box 43 DUNDEE 3000 Lat: 28 03' Long: 30 08' Tel: (034) 621 6000 Fax: (034) 621 2170 <u>Coalfield</u> Klip River <u>Farm, District</u> Lenteplaas, Spiesdale, Carnavon GLENCOE	Bottom seam; anthracite; mechanised bord and pillar. <u>Coal preparation</u> Washing. Gus seam; Anthracite; Conventional bord & pillar; Gus seam	Road and rail dispatches.
28	STUART COAL DELMAS (MB 3205) Lat: 26 08' Long: 28 46' Tel: (013) 665 1360/1362 Fax: (013) 665 1347 <u>Coalfield</u> Witbank <u>Farm, District</u> Weltevreden DELMAS	No 2 seam; bituminous; Opencast with conventional equipment. <u>Coal preparation</u> Crushing, screening and washing with dense medium cyclone and drum.	Transported by road;
29	SUDOR COAL Private Bag X30500 HOUGHTON 2041 Tel: (011) 642 2020 Fax: (011) 642 5410		

<p>29.1</p>	<p>HALFGEWONNEN COLLIERY (MB 3799) Private Bag X7260 WITBANK 1035</p> <p>Lat: 26 12' Long: 29 31'</p> <p>Tel: (013) 690 3316 Fax: (013) 690 3322</p> <p><u>Coalfield</u> Bethal</p> <p><u>Farm, District</u> Halfgewonnen 190 IS ERMELO</p>	<p>Opencast Bituminous coal</p> <p><u>Coal preparation</u> Crushing and screening</p>	<p>Transported by road</p>
<p>30</p>	<p>SUMO COAL P O Box 2906 RIVONIA 2128</p> <p>Tel: (011) 784 8940 Fax: (011) 784 3963</p>		
	<p><u>COLLIERIES</u></p>		
<p>30.1</p>	<p>KOPERMYNE COLLIERY (MB 1630)</p> <p>Lat: 25 49' Long: 29 41'</p> <p>Tel: (013) 246 1037</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm, District</u> Kopermyn 435 JS MIDDELBURG</p>	<p>No. 2 seam, bituminous; Opencast, conventional mining</p> <p><u>Coal preparation</u> Dense medium drum cyclone and spirals</p>	<p>Exported through Maputo and Durban.</p>

31	<p><u>Group</u> TOTAL COAL SA (PTY) LTD P O Box 2344 SAXONWOLD 2132</p> <p>Tel: (011) 441 6800 Fax: (011) 880 0245</p>		
	<p><u>COLLIERIES</u></p>		
31.1	<p>FORZANDO COAL MINES (PTY) LTD (MB 2996)</p> <p>Lat: 26 14' Long: 29 32'</p> <p>Tel: (011) 441 6800 Fax: (011) 880-0245</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Weltevreden 193 IS, Bankpan BETHAL MIDDELBURG</p>	<p>No 4 Lower seam; bituminous; bord and pillar.</p> <p><u>Coal preparation</u> Heavy medium separation plant</p>	<p>Marketing: Total Coal International, Paris & Total Energy Service Hong Kong.</p>
31.2	<p>DORSTFONTEIN COAL MINES (MB 3308)</p> <p>Lat: 26 13' Long: 29 17'</p> <p>Tel: (011) 441 6800 Fax: (011) 880 0245</p> <p><u>Coalfield</u> Highveld</p> <p><u>Farm, District</u> Dorstfontein 71-IS</p>	<p>No 2 seam; bord and pillar.</p> <p><u>Coal preparation</u> Heavy medium separation plant.</p>	<p>Metallurgical inland sales with access to private siding</p>

<p>32</p>	<p>UMCEBO MINING (PTY) LTD P.O. Box 14212 LERAATSFONTEIN 1038</p> <p>Tel: (013) 295 5926 Fax: (013) 295 5925</p> <p><u>Collieries:</u></p> <p>DOORNRUG COLLIERY (MB 3071) GROOTPAN COLLIERY (MB 3416) KLEINFONTEIN COLLIERY (MB 3947) MIDDELKRAAL COLLIERY (MB 4335) MOOIFONTEIN COLLIERY (MB 3412) NOWESCO COLLIERY (4533) STRATHAE COLLIERY (1727) ONVERDACHT COLLIERY (MB 4400)</p> <p><u>Coalfields</u> Wibank and Highveld</p> <p><u>Farms, Districts</u> Doornrug 302 Js, Rondebult 303 JS, Grootpan 456 Js, Kaalplats 453 JS, Klippan 452 JS, Wonderfontein 428 JS, Kleinfontein 49 IS, Middelkraal 50 IS, Speekfontein 336 JS, Brakfontein 264 IR, Strethae 496 JS, Springbok</p>	<p>Opencast and underground operations Bituminous Bord and pillar</p>	<p>Export sales through Richards Bay Coal Terminal. Local sales to other industries and Eskom</p>
<p>3</p>	<p>WAKEFIELD INVESTMENTS (PTY) LTD P O Box 2184 SAXONWOLD 2132</p> <p>Tel: (011) 880 3155 Fax: (011) 880 3322</p>		
	<p><u>COLLIERIES</u></p>		
<p>33.1</p>	<p>BANKFONTEIN COLLIERY (MB 4218)</p> <p><u>Coalfield</u> Witbank</p>	<p>No 2 Seam Opencast.</p>	<p>Transport by road and rail; Local and export sales.</p>

	<p><u>Farm, District</u> Bankfontein 216 IR. Witbank</p>	<p><u>Coal preparation</u> Crushing, washing, cyclones.</p>	
33.2	<p>LAKESIDE COLLIERY (MB 4218)</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Welgelegen 221 IR Delmas</p>	<p>No 2 seam; bituminous opencast underground bord and pillar</p> <p><u>Coal preparation</u> Crushing, washing, drum and cyclones</p>	Transport by road and rail; Local and export sales.
33.3	<p>MIDDELBURG TOWNLANDS (MB 4218) P O Box 96 KENDAL 2225</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Middelburg Town & Townlands 287 JS</p>	<p>Nos 1 & 2 seam; Bituminous opencast.</p> <p><u>Coal preparation</u> Crushing, washing, drum cyclones and spirals</p>	
34	<p>WERM MINING (PTY) LTD LANGKLOOF MINE (MB 2650) P.O.Box 1845 MIDDELBURG 1050</p> <p>Lat: 25 37' Long: 30 02'</p> <p>Tel: (013) 282 7161 Fax: 086 537 6088</p> <p><u>Coalfield</u> Witbank</p>		

	<p><u>Farm, District</u> Langkloof 356 JT</p>		
35	<p>WOESTALLEEN COLLIERY (PTY) LTD (MB 1963) P O Box 1639 MIDDELBURG 1050</p> <p>Lat: 25 56' Long: 29 37'</p> <p>Tel: (013) 246 6809 Fax: (013) 246 6808</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Woestalleen 477 JS, Kromdraai 486 JS MIDDELBURG</p>	<p>No 2 and 2A seams; bituminous, metallurgical and steam; opencast.</p> <p><u>Coal preparation</u> Coal preparation plant. HMS cyclone, drum and spiral</p>	<p>Transported by road and rail; local sales to industry and sales through Durban, Maputo and Richards Bay</p>
36	<p>WORLDWIDE COAL CAROLINA (Pty)Ltd Postnet Suite 145 P/Bag 9924 SANDTON 2146</p> <p>Tel: (011) 783 6210 Fax: (011) 783 6493/4</p>		
36.1	<p>GROENVALLEI COLLIERY (MB 2798) P/Bag X 9924 SANDTON 2146</p> <p>Lat: 30 08' Long: 26 04'</p> <p>Tel: (013) 690 3450 Fax: (013) 690 3455</p>	<p>Opencast operation Bituminous</p>	<p>Local sales and exports through Richards Bay Coal Terminal</p>

	<p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Groenvallei 40 IT</p>		
36.2	<p>HAARLEM COLLIERY (MB 4474)</p> <p>Tel: (013) 690 3450 Fax: (013) 690 3455</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Haarlem 39 LT</p>		
37	<p>XSTRATA plc Panton House 25 Haymarket London Swiy 4EN United Kingdom</p> <p><u>Operating Company</u></p> <p>XSTRATA COAL Suite 19 P/Bag X 1 Melrose Arch 2076</p> <p>Tel: (011) 772 0600 Fax: (011) 684 1405</p>		
	<u>COLLIERIES</u>		
37.1	<p>IMPUNZI COLLIERY DIVISION P/Bag X 7265 WITBANK 1035</p>		<p>Transported by rail, Export sales. Eskom sales by road</p>

	<p>Tel: (013) 690 5111 Fax: (013) 690 5003</p>		
	<p>SOUTH WITBANK COLLIERY (MB 0598) Part of Tweefontein Division</p> <p>Lat: 26 08' Long: 29 08'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Blesbokfontein 38 IS Frischgewaagd 60 IS Blesbokfontein 31 IS OGIES</p>	<p>No 4 seam bituminous mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing: Drum, cyclones, spirals.</p>	<p>Transported by rail; export and local sales Eskom sales.</p>
	<p>TAVISTOCK COLLIRY (MB 0633)</p> <p>Lat: 26 08' Long: 29 11'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Blesbokfontein 38 and 31 IS Hartebeesfontein 3915 Roodepoort 40 IS OGIES</p>	<p>No 4 seam; bituminous, mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing. Larcodem, cyclones.</p>	<p>Transported by rail and road; export sales and Eskom sales</p>
	<p>ARTHUR TAYLOR COLLIERY (ATC) (MB 1272)</p> <p>Lat: 26 05' Long: 29 11'</p> <p><u>Coalfield</u> Witbank</p>	<p>No 2 and 4 seams; bituminous; mechanised bord and pillar; continuous miners.</p>	<p>Transported by rail.</p>

	<p><u>Farm, District</u> Blesbokfontein 31 IS WITBANK</p>	<p><u>Coal preparation</u> Washing: Drums, cyclones,</p>	
	<p>ARTHUR TAYLOR COLLIERY OPENCAST MINE (ATCOM) (MB 2659) Lat: 26 06' Long: 29 13'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Kromfontein 30 IS WITBANK</p>	<p>Opencast with dragline.</p> <p><u>Coal preparation</u> Washing: Drums, cyclones and spirals.</p>	Transported by rail
37.2	<p>TWEEFONTEIN COLLIERIES DIVISION (MB 0164) P/Bag X352 COALVILLE 1033</p> <p>Tel: (013) 686 3300 Fax: (013) 686 3360</p>		
	<p>BOSCHMANS COLLIERY (MB 3198) Lat: 26 02' Long: 29 07'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Boschmansfontein 12 IS Tweefontein 13 IS WITBANK</p>	<p>Nos 2 and 4 seams; mechanised bord and pillar. pillar extraction and small opencast.</p> <p><u>Coal preparation</u> Washing and screening.</p>	Transported by rail and road local and export sales.

	<p>WATERPAN COLLIERY (MB 1170)</p> <p>Lat: 26 00' Long: 29 09'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Waterpan 8 IS Vlaklaagte 330 JS WITBANK</p> <p>² With Boschmans Colliery</p> <p>Lat: 26 02' 38" Long: 29 07' 28"</p>	<p>No 4 seam; bituminous mechanised bord and pillar and opencast.</p> <p><u>Coal preparation</u> Washing and screening</p>	<p>Transported by rail and road export and Eskom sales</p>
	<p>WITCONS COLLIERY (MB 0729)</p> <p>Lat: 26 05' Long: 29 08'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Zaaiwater 11 IS Blesboklaagte 31 IS WITBANK</p> <p>GOEDEGEVONDEN COLLIERY (MB 3599)</p> <p>Lat: 26 05' Long: 29 03'</p> <p><u>Coalfield</u> Witbank</p> <p><u>Farm, District</u> Goedgevonden 10 IS Zaaiwater 11 IS Oogiesfontein 4 IS</p>	<p>No 2 seam; bituminous, mechanised bord and pillar.</p> <p><u>Coal preparation</u> Washing and screening.</p> <p>2,4 and 5 seams; bituminous; Opencast.</p> <p><u>Coal preparation</u> Toll-washing and screening</p>	<p>Transported by road and rail; local and export sales.</p>

<p>37.3</p>	<p>MPUMALANGA COLLIERIES DIVISION P O Box 448 ERMELO 2350</p> <p>Tel: (017) 861 8000 Fax: (017) 861 3394</p>		
	<p>SPITZKOP COLLIERY (MB 0602)</p> <p>Lat: 30 58' Long: 26 21'</p> <p><u>Coalfields</u> Ermelo</p> <p><u>Farm, District</u> Kafferspruit 274 IS Waterval 244 IS Klipstapel 243 IS ERMELO</p>	<p>No's B and C seams bituminous mechanised bord and pillar and opencast.</p> <p><u>Coal preparation</u> Washing and screening</p>	<p>Transported by road and rail; local and export sales.</p>
	<p>TSELENTIS COLLIERY (MB 1087)</p> <p>P O Box 448 ERMELO 2350</p> <p>Lat: 30 00' Long: 26 17'</p> <p>Tel: (017) 861 3691 Fax: (017) 861 3724</p> <p><u>Coalfield</u> Ermelo</p> <p><u>Farm, District</u> Botharust 211 IS Klipstapel 243 IS Lilliput 83 IT Smutsoog 214 IS</p>	<p>Nos B and C seams; Truck and shovel.</p> <p><u>Coal preparation</u> Washing and screening.</p>	<p>Transported by road and rail, local and export sales.</p>

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INDEX OF COAL PRODUCERS

A	Pages
ANGLO AMERICAN PLC	1
ANGLO COAL DIVISION	1
ANKER HOLDINGS BV	7
ANKER COAL AND MINERALS HOLDING SA (PTY) LTD	7
ARNOT COLLIERY	14
ARTHUR TAYLOR COLLIERY OPENCAST MINE (ATCOM)	36
ARTHUR TAYLOR COLLIERY (ATC)	36
AVIEMORE AND MAGDALENA COLLIERY	27
B	
BANDYWINE VALLEY INVESTMENT (PTY) LTD	11
BANK COLLIERY	1
BANKFONTEIN COLLIERY	32
BENICON	8
BHP BILLITON SA LTD	9
BLACK WATTLE COLLIERY	11
BOSCHMANS COLLIERY	37
BSM MINING/NUCOAL MINING JV	12
C	
COASTAL FUELS (PTY) LTD	12
D	
DELMAS COAL	19
DOORNRUG COLLIERY	31
DORSTFONTEIN COAL MINES	31
DOUGLAS COLLIERY	9
DROOGVALLEI COLLIERY	12
E	
EASTSIDE COAL COMPANY	15
ELANDSFONTEIN COLLIERY	8
ELITHENI COLLIERY	28
EXXARO RESOURCES	13
EYETHU COAL (PTY) LTD	16

F	
FORZANDO COAL MINES	30
G	
GELUK MINE	21
GLISA COLLIERY	14
GOEDEGEVONDEN COLLIERY	38
GOEDEHOOP COLLIERY	2
GOLFVIEW COLLIERY	8
GRASPAN COLLIERY	26
GREENSIDE COLLIERY	3
GROENVALLEI COLLIERY	34
GROOTGELUK COAL MINE	15
GROOTPAN COLLIERY	31
H	
HAARLEM COLLIERY	34
HALFGEWONNEN COLLIERY	29
HOMELAND, MINING & ENERGY (PTY) LTD	17
I	
IKHWEZI COLLIRY (PTY) LTD	18
ILANGA COLLIERY	23
IMPUNZI COLLIERY DIVISION	35
INGWE COAL CORPORATION LTD	11
ISIBONELO COLLIERY	3
K	
KANGRA COAL (PTY) LTD	18
KENDAL COLLIERY	17
KHUTALA COLLIERY	10
KLEINFONTEIN COLLIERY	31
KLEINKOPJE COLLIERY	4
KLIPSPRUIT COLLIERY	11
KOORNFONTEIN MINES	27
KOPERMYNE COLLIERY	30
KRIEL COLLIERY	4
KUYASA MINING (PTY) LTD	18

L

LAKESIDE COLLIERY	32
LANDAU COLLIERY	5
LEEUEW MINING AND EXPLORATION	19
LEEUEW VAALKRANTZ COLLIERY	19
LEEUEWPAN COAL MINE	16
LEEUEWPOORT COLLIERY	16

M

MAFUBE	5
MASHALA RESOURCES (PTY) LTD	20
MATLA COLLIERY	13
MIDDELBURG MINE	10
MIDDELBURG TOWNLANDS	33
MIDDELKRAAL COLLIERY	31
MIMOSA COLLIERY	21
MOOIFONTEIN COLLIERY	31
MPUMALANGA COLLIERIES DIVISION	38

N

NEW CLYDESDALE COLLIERY	15
NEW DENMARK COLLIERY	6
NEW VAAL COLLIERY	6
NKOMATI ANTHRACITE	8
NORTHERN COAL (PTY) LTD	21
NORTHFIELD COLLIERY	17
NOWESCO COLLIERY	31

O

ONVERDACHT COLLIERY	32
OPTIMUM COLLIERY	22
OPTIMUM HOLDING	22

P

PAARDEPLAATS COLLIERY	12
POLMAISE COLLIERY (PTY) LTD	22

R

RIVERSDALE HOLDINGS (PTY) LTD	23
-------------------------------	----

S

SACMH (PTY) LTD	23
SASOL MINE	25
SASOL MINING (PTY) LTD	24
SAVMORE COLLIERY	18
SHANDUKA COAL	25
SIDE MINERALS-LEEUEWFFONTEIN	26
SIGMA COLLIERY	24
SIYANDA RESOURCES	26
SLATER COAL	27
SNR PLC	28
SOUTH WITBANK COLLIERY	35
SPITZKOP COLLIERY	38
SPRINGLAKE COLLIERY	28
SPRINGLAKE HOLDINGS	28
STRATHAE COLLIERY	31
STUART COAL DELMAS	29
SUDOR COAL	29
SUMO COAL	30

T

TAVISTOCK COLLIERY	36
TOTAL COAL SA (PTY) LTD	30
TSELENTIS COLLIERY	39
TSHIKONDENI COAL MINE	16
TWEEFFONTEIN COLLIERY DIVISION	37

U

UMCEBO MINING (PTY) LTD	31
UMLABU COLLIERY	24

W

WAKEFIELD INVESTMENTS (PTY) LTD	32
WATERPAN COLLIERY	37
WERM MINING (PTY) LTD	33
WESSELTON MINE	20
WITCONS COLLIERY	38
WOESTALLEEEN COLLIERY	33
WORLDWIDE COAL CAROLINA (PTY) LTD	34

X

XSTRATA plc 34

XSTRATA COAL 35

Z

ZULULAND ANTHRACITE COLLIERY 23

Appendix 1

SOUTH AFRICAN COAL EXPORTING COMPANIES/COLLIERIES

1. ANGLO COAL DIVISION

P.O. Box 61587

MARSHALLTOWN

2107

Tel: (011) 638 9111

Fax: (011) 638 3194/4608

2. INGWE COAL CORPORATION LTD

P.O.Box 61820

MARSHALLTOWN

2107

Tel: (011) 376 911/

(013) 653 1374 /1100

Fax: (011) 838 7190/834 4799

3. BLACK WATTLE COLLIERY

P.O.Box 1704

MIDDELBURG

1050

Tel: (013) 243 5840

Fax: (013) 243 5861

4. COASTAL FUELS (PTY) LTD

P.O.Box 1050

RIVONIA

2128

Tel: (011) 705 2241

Fax: (011) 705 2270

5. EASTSIDE COAL COMPANY

P.O.Box 3185

WITBANK

1035

Tel: (013) 690 3131

Fax: (013) 656 4374

6. EUROCOAL (PTY) LTD

Postnet Suite 151

Private Bag X 1866

MIDDELBURG

1051

Tel: 086 110 5770

Fax: 086 110 5771

7. EXXARO RESOURCES

P.O.Box 9229

PRETORIA

0001

Tel: (012) 307 3000

Fax: (012) 307 3122

8. LEEUW MINING AND EXPLORATION

P.O.Box 61693
MARSHALLTOWN
2107

Tel: (011) 638 2414
Fax: (011) 638 5778

10. MASHALA RESOURCES (PTY) LTD

P.O.Box 413800
CRAIGHALL
2024

Tel: (011) 268 6080
Fax: (0110) 268 6078

11. OPTIMUM HOLDING

Private Bag X 1201
PULLENSHOPE
1096

Tel: (013) 296 5111
Fax: (013) 296 5108

12. POLMAISE COLLIERY (PTY) LTD

P.O.Box 4429
MIDDELBURG
1050

Tel: (013) 283 1401
Fax: (013) 283 1416

13. RIVERSDALE HOLDINGS (PTY) LTD

P.O.Box 1774
EMPANGENI
3880

Tel: (035) 870 0302
Fax: (035) 870 0805

14. SA COAL MINING HOLDING LTD

Private Bag X 10
LYNWOOD RIDGE
0040

Tel: (011) 748 2832
Fax: (011) 748 2828

15. SASOL MINING (PTY) LTD

Private Bag X 1015
SECUNDA
2302

Tel: (017) 614 1111
Fax: (017) 614 5036

16.SLATER COAL

P.O.Box 684

DUNDEE

3000

Tel: (034) 218 1367

Fax: (034) 212 1232

17. SUMO COAL

P.O.Box 2906

RIVONIA

2128

Tel: (011) 784 8940

Fax: (011) 784 3963

18. TOTAL COAL SA (PTY) LTD

P.O.Box 2344

SAXONWORLD

2132

Tel: (011) 441 6800

Fax: (011) 880 0245

19. UMCEBO MINING (PTY) LTD

P.O.Box 14212

LERAATSFONTEIN

1038

Tel: (013) 295 5926

Fax: (013) 295 5925

20. WAKEFIELD INVESTMENTE (PTY) LTD

P.O.Box 2184

SAXONWORLD

2132

Tel: (011) 880 3155

Fax: (011) 880 3322

21. WORLDWIDE COAL CAROLINA (PTY) LTD

Postnet Suite 145

Private Bag X 9924

SANDTON

2146

Tel: (011) 783 6210

Fax: (011) 783 6493/4

22. XSTRATA COAL

Suite 19

Private Bag X 1

MELROSE ARCH

2076

Tel: (011) 772 0600

Fax: (011) 684 1405

Appendix 2
SOUTH AFRICAN COAL EXPORTING AGENCIES

1 ANKER COAL AND MINERAL HOLDINGS SA (PTY) LTD

P O Box 4929
MIDDELBURG
1050

Tel: (013) 282-6226
Fax: (013) 243-4767

2. COAL PROCUREMENT SA

P.O Box 958
PARKLANDS
2121

Tel: (011) 788 0960
Fax: (011) 788 3095

3. GLENCORE SA (PTY) LTD

P.O.Box 78902
SANDTON
2142

Tel: (011) 302 2300
Fax: (011)883 4503

4. KANGRA COAL PTY LTD

P O Box 745
PIET RETIEF
2380

Tel: (017) 826
5280/1/2/3
Fax: (017) 826-5284

5. SPRINGLAKE HOLDING LTD

P.O.Box 6070
RIVONIA
2128

Tel: (011) 706 1644
Fax: (011) 706 1594

Appendix 3
SOUTH AFRICAN ANTHRACITE PRODUCERS

Name of Colliery	Coalfield	Contact Details
1. Elitheni	Witbank	SNR PLC 130 Cape Road Milpark PORT ELIZABETH 6001 Tel: (041) 374 0842 Fax: (041) 374 0856
2. Magdalena & Aviemore Colliery	Kliprivier	SLATER COAL P O Box 684 DUNDEE 3000 Tel: (034) 218-1367/212-1455 Fax: (034) 212-1232
3. Nkomati Anthracite	Kangwane	Benicon Coal P.O.Box 2244 WITBANK 1035 Tel: (013) 691 1144 Fax: (013) 691 1148
4. Springlake Colliery	Klip River	Springlake Holding Ltd P.O.Box 6070 RIVONIA 2128 Tel: (011) 706 1644 Fax: (011) 706 1594
5. Vaalkrantz Colliery	Vryheid	Leeuw Mining and Exploration P.O Box 61693 MARSHALLTOWN 2107 Tel: (011) 638 2414 Fax: (0110) 638 5778
6. Zululand Anthracite Colliery	Nongoma	Riversdale Holdings (Pty) Ltd P.O.Box 1774 EMPANGENI 3880 Tel: (035) 870 0320 Fax: (035) 870 0805

Appendix 4
SOUTH AFRICAN COAL FIELDS MAP



Appendix 5a & 5b
STATISTICAL DATA
SOUTH AFRICAN COAL SALES

YEAR	SALES	YEAR	SALES
1885-89*	0	1959	35,556,135
1890-94*	767,890	1960	38,067,490
1895-1899*	1,819,638	1961	46,156,840
1900-1904*	3,331,432	1962	41,014,900
1905-1909*	4,720,517	1963	41,857,890
1910-1914*	7,274,769	1964	44,109,306
1915	7,512,734	1965	47,584,183
1916	9,076,804	1966	46,922,274
1917	9,417,308	1967	48,327,311
1918	8,953,734	1968	50,562,352
1919	9,311,384	1969	51,196,749
1920	10,406,431	1970	53,124,789
1921	10,336,992	1971	56,981,846
1922	8,829,902	1972	57,187,846
1923	10,808,751	1973	61,548,554
1924	11,330,157	1974	64,631,333
1925	11,790,697	1975	69,120,924
1926	12,457,157	1976	75,721,232
1927	12,065,621	1977	85,004,282
1928	12,156,897	1978	85,686,907
1929	12,619,450	1979	98,220,051
1930	11,887,425	1980	113,083,437
1931	10,556,797	1981	129,905,377
1932	9,659,233	1982	140,333,887
1933	10,456,042	1983	144,610,277
1934	11,896,707	1984	161,315,800
1935	13,297,307	1985	172,000,537
1936	14,508,713	1986	176,208,529
1937	15,163,438	1987	172,570,739
1938	15,905,357	1988	183,607,676
1939	16,476,923	1989	179,922,793
1940	17,173,142	1990	184,448,080
1941	18,333,470	1991	181,869,225
1942	20,046,128	1992	179,217,628
1943	20,214,572	1993	184,001,530
1944	22,649,927	1994	193,662,615
1945	23,097,284	1995	205,710,319
1946	23,250,425	1996	214,331,804
1947	23,103,284	1997	223,936,923

1948	23,558,488	1998	224,381,261
1949	24,425,902	1999	221,260,398
1950	25,736,105	2000	224,519,089
1951	25,835,122	2001	224,374,421
1952	27,075,247	2002	222,038,018
1953	27,617,726	2003	236,430,342
1954	27,913,645	2004	246,318,785
1955	30,105,477	2005	245 091 923
1956	32,268,583	2006	245,091,923
1957	34,188,841	2007	247,666,356
1958	36,233,818		
GRAND TOTAL UP TO 2006: 6, 982 BILLION TONS			

WORLD PROVEN COAL RESERVES, 2007

COUNTRY	COAL		
	Mt	%	Rank
USA	112,261	26,1	1
China	62,200	14,4	2
India	52,240	12,1	3
Russia	49,088	11,4	4
Australia	37,100	8,6	5
Kazakhstan	28,170	6,5	6
South Africa	27,981	6,5	7
Ukraine	15,351	3,6	8
Colombia	6,578	1,5	9
Poland	6,012	1,4	10
Canada	3,471	0,8	11
Indonesia	1,721	0,4	12
Other	28,723	6,7	-
TOTAL	430,896		-

Source: BP Statistical Review of World Energy, June 2008.

Appendix 5c

PRODUCTION AND EXPORTS OF COAL PRODUCING COUNTRIES, 2007

COUNTRY	PRODUCTION			EXPORTS		
	Mt	%	Rank	Mt	%	Rank
China	2549,1	39,3	1	53,7	5,9	1
USA	1052,0	16,2	2	53,4	5,9	2
India	484,4	7,5	3	1,2	0,1	12
Australia	395,3	6,1	4	243,6	26,9	3
Russia	313,7	4,8	5	100,7	11,1	5
Indonesia	259,2	4,0	6	202,2	22,3	4
South Africa	247,7	3,8	7	67,7	7,5	6
Poland	147,8	2,3	8	11,8	1,3	10
Kazakhstan	86,4	1,3	9	23,0	2,5	9
Colombia	71,7	1,1	10	67,2	7,4	7
Ukraine	59,0	0,9	12	3,4	0,4	11
Canada	69,4	1,1	11	30,8	3,4	8
Other	752,3	11,6	-	47,7	5,3	-
TOTAL	6844,0	100		906,4	100	

Source: Coal Information 2008, International Energy Agency – OECD/IEA, 2008
 Mineral Economics Directorate, Department of Minerals and Energy

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The list of analytical methods and coal standards are in spreadsheet format and will be printed separately

Please refer to the Excel spreadsheets provided for the data on pages 54 to 73

Table 5
LIST OF STANDARD METHODS AND OTHER REFERENCES

Analysis/Requirement	Standard Method/Reference	Title
Sampling and sample preparation	SABS 0135 Part I and Part II	Code of Practice for the sampling of coal and preparation
Calorific Value	ISO 1928	Solid mineral fuel – determination of the gross calorific value
Gross Calorific Value	By calculation	Calorific value (MJ/kg) – (0,095 X % total sulphur)
Moisture in sample analysis	SABS 924	Moisture content of coal sample intended for general analysis
Ash	ISO 1171	Solid mineral fuel – determination of ash content
Volatile matter	ISO 562	Hard coal and coke – determination of volatile matter
Fixed carbon	By calculation	FC = 100% - % (moisture + ash + volatiles)
Total Sulphur	ASTM D4239	Sulphur in the analysis sample of coal and coke
Carbon, Hydrogen, Nitrogen	ASTM D5373	Instrumental determination of carbon, hydrogen and nitrogen
Oxygen	By difference	O = 100% - (moisture + ash + C + H + N + total sulphur)
Ash fusion temperature	ISO 540	
Ash Oxides	ASTM D3682	Major and minor elements in coal and coke by atomic
Preparatyion for petrographic analysis	ISO 7404 - 2	Methods for the petrographic analysis of bituminous coal
Maceral analysis	ISO 7404 - -3	Methods for the petrographic analysis of bituminous coal
Vitrinite random reflectance	ISO – 7404 - 5	Methods for the petrographic analysis of bituminous coal
Lond wave (Fluorescence Relative Intensity if Vitrinite)	In-house method	Detection of the incipient oxidation of coal petrographic analysis
Classification of coal	ENERGY/WP.1/ R5.050	International Classification of Seams Coal

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