



Glossary of Terms and Acronyms

GLOSSARY OF TERMS AND ACRONYMS

4E	Platinum, palladium, rhodium and gold
6E	Platinum, palladium, rhodium, gold, ruthenium and iridium
ABET	Adult Basic Education and Training
AIDS	Acquired Immune Deficiency Syndrome
Andisa	Andisa Treasury Solutions (Proprietary) Limited
Anglo Platinum	Anglo Platinum Limited
API4 index	Argus Platts Index (Richards Bay Coal Terminal free on board rate – \$/tonne)
ARM	African Rainbow Minerals Limited
ARM BBEE Trust	ARM Broad-Based Economic Empowerment Trust
ARM Mining Consortium	ARM Mining Consortium Limited
ARM Platinum	African Rainbow Minerals Platinum (Proprietary) Limited
ARMI	African Rainbow Minerals & Exploration Investments (Proprietary) Limited
ART	Antiretroviral treatment
ASSMANG	Assmang Limited
ASSORE	Assore Limited
BBBEE	Broad-Based Black Economic Empowerment
BEE	Black Economic Empowerment
Beeshoek (Mine)	Beeshoek Iron Ore Mine
Black Scholes	A mathematical model of the market for an equity
Btu – lb	British Thermal Unit per pound
C1 cost	Cash cost net of revenue from by-products
Capex	Capital expenditure
Cato Ridge Works	Cato Ridge Ferromanganese Works
CEC	Copperbelt Energy Corporation
CO ₂	Carbon dioxide
COM	Chamber of Mines
Companies Act	Companies Act, No. 61 of 1973, as amended
Conops	Continuous operations
Corporate Laws Amendment Act	Corporate Laws Amendment Act, No. 24 of 2006
CPI	Consumer Price Index
CPIX	Consumer Price Index excluding interest
CSA	Coal Supply Agreement
CSI	Corporate Social Investment
DBSA	Development Bank of Southern Africa Limited
DEAT	Department of Environmental Affairs and Tourism
DME	Department of Minerals and Energy
DMR	Department of Mineral Resources
DoL	Department of Labour
DRC	Democratic Republic of the Congo
dti	Department of Trade and Industry
DTJV	Douglas Tavistock joint venture
DWAF	Department of Water Affairs and Forestry
Dwarsrivier (Mine)	Dwarsrivier Chrome Mine
DWEA	Department of Water and Environmental Affairs
EBIT	Earnings before interest and tax
EBITDA	Earnings before interest, tax, depreciation and amortisation, excluding exceptional items and income from associates

GLOSSARY OF TERMS AND ACRONYMS continued

EE	Employment Equity
EIA	Environmental Impact Assessment
ELA	Environmental Law Association
Employment Equity Act	Employment Equity Act, No. 55 of 1998
EMPR	Environmental Management Programme Report
Environmental Conservation Act	Environmental Conservation Act, No. 73 of 1989, as amended
ETDP	Education, training and development practices
F2008	Financial year starting 1 July 2007 ending 30 June 2008
F2009	Financial year starting 1 July 2008 ending 30 June 2009
F2010	Financial year starting 1 July 2009 ending 30 June 2010
FAPA	Ferro Alloys Producers' Association
FCTR	Float Characterisation Treatment Rates
FOB	Free on board
FOG	Fall of ground
FOR	Free on rail
FTSE	Financial Times and London Stock Exchange
GAR	Gross as received
GHG	Greenhouse gas
GJ	Gigajoules – unit of measure for energy
Gloria (Mine)	Gloria Manganese Mine
Goedgevonden/GGV	Goedgevonden Thermal Coal Project
GRI	Global Reporting Initiative
g/t	Grams per tonne
H1	First six months of financial year
H2	Second six months of financial year
ha	Hectare
Harmony Gold	Harmony Gold Mining Company Limited
HDSA	Historically Disadvantaged South African
HIV	Human immune-deficiency virus
IAS	International Accounting Standards
ICMM	International Council on Mining and Metals
IDP	Integrated Development Plan
IFRIC	International Financial Reporting Interpretations Committee
IFRS	International Financial Reporting Standards
ILO	International Labour Organisation
Implats	Impala Platinum Holdings Limited
IRS	Impala Refining Services Limited
I & AP	Interested and affected parties
ISO	International Organisation for Standardisation
JIBAR	Johannesburg Interbank Agreed Rate
JORC Code	Australian Institute of Mining and Metallurgy Joint Ore Reserves Committee Code
JSE	JSE Limited – Johannesburg Stock Exchange
JV	Joint Venture
Kalplats AOI	Kalplats Area of Influence
Kalplats Project	Kalplats Platinum Project
Kg	Kilogram
Khumani (Mine)	Khumani Iron Ore Mine

King II	King Report on corporate Governance in South Africa 2002
King III	King Report on Governance for South Africa 2009 and the King Code of Governance Principles
KPI	Key Performance Indicator
kt	Kilo tonne (thousand tonnes)
kV	Kilovolt
kWh	Kilowatt hour
Labour Relations Act	Labour Relations Act, No. 66 of 1995, as amended
LED	Local Economic Development
LoM	Life of Mine
LTI	Lost Time Injury
LTIFR	Lost Time Injury Frequency Rate – A rate expressed per million man hours for a work-related injury that results in the employee being unable to attend work at his/her place of work, performing his/her assigned duties on the next calendar day (whether a scheduled work day or not) after the day of injury. If the appointed medical professional advises that the injured person is unable to attend work on the next calendar day after the injury, regardless of the injured person's next rostered shift, a lost time injury is deemed to have occurred.
Machadodorp Works	Machadodorp Ferrochrome Works
MDALA	Mpumalanga Department of Agriculture and Land Administration
Merensky	Merensky Reef
MHSA	Mine Health and Safety Act, No. 29 of 1996, as amended
Mining Charter	Broad-Based Socio-Economic Empowerment Charter for the South African Mining Industry
MJ	Megajoule
MMZ	Main Mineralised Zone
Modikwa (Mine)	Modikwa Platinum Mine
MPRDA	Minerals and Petroleum Resources Development Act, No. 28 of 2002, as amended
MQA	Mining Qualifications Authority
MSB	Massive Sulphide Body
mt	Metric tonnes
Mt	Million tonnes
National Environmental Management Act	National Environmental Management Act, No. 107 of 1998
National Environmental Management: Air Quality Act	National Environmental Management: Air Quality Act, No. 39 of 2004
National Environmental Management Amendment Act	National Environmental Management Amendment Act, No. 62 of 2008
National Heritage Resources Act	National Heritage Resources Act, No. 25 of 1999
National Water Act	National Water Act, No. 36 of 1998, as amended
Nchwaning (Mine)	Nchwaning Manganese Mine
NIHL	Noise-induced hearing loss
Nkomati (Mine)	Nkomati Nickel and Chrome Mine
Nkomati Project	Nkomati Large Scale Expansion Project
Norilsk	Norilsk Nickel
NPI	Nickel Pig Iron
NUM	National Union of Mineworkers
NUMSA	National Union of Metal Workers
OHSAS	Occupational Health and Safety Assurance System
oz	Ounce
pa	Per annum

GLOSSARY OF TERMS AND ACRONYMS continued

PCB	Participating Coal Business: Xstrata Coal South Africa existing operations excluding Goedgevonden
PCMZ concentrator	Chromititic Peridotite Mineralised Zone concentrator
PCR	Chromititic Peridotite
Pension Funds Act	Pension Funds Act, No. 24 of 1956, as amended
PGMs	Platinum Group Metals
PLA	Platinum Australia
Q1	First Quarter
Q2	Second Quarter
Q3	Third Quarter
Q4	Fourth Quarter
RBCT	Richards Bay Coal Terminal
RIFR	Reportable Injury Frequency Rate
SAMREC Code	South African code for Reporting Mineral Resources and Mineral Reserves
Securities Services Act	Securities Services Act, No. 36 of 2004
SETA	Sector Education and Training Authority
SHE	Safety, Health and Environment
SME	Small and Medium-sized Enterprise
SMME	Small, Medium and Micro Enterprise
STC	Secondary Tax on Companies
STI	Sexually Transmitted Infection
t	Tonnes
TB	Pulmonary tuberculosis
TEAL	TEAL Exploration & Mining Incorporated
TFR	Transnet Freight Rail
tpm	Tonnes per month
TRP	Two Rivers Platinum
TSX	Toronto Stock Exchange
Two Rivers (Mine)	Two Rivers Platinum (Proprietary) Limited
UASA	United Association of South Africa
UG2	Upper Group Number 2 Reef
Vale	Companhia Vale do Rio Doce
VCT	Voluntary counselling and testing
WUL	Water Use Licences
XCSA	Xstrata Coal South Africa
XSA	Xstrata South Africa
ZCCM-IH	ZCCM Investment Holdings Plc