

REFERENCES

Anglo American Corporation of S.A. Ltd. (1995) *EMPR for Western Deep Levels Limited & Elandsrand Gold Mining Company Ltd*, pp 12, 18, 21, 56, 65

AngloGold, (2001) *EMPR Amendments*, pp18

AngloGold Ashanti (2005) *2004 Annual Report*, www.anglogoldashanti.co.za, downloaded on 27/04/05

AngloGold Ashanti (2005) *2004 Report to Society*, www.anglogoldashanti.co.za, downloaded on 28/08/05, pp 2-3

Anglogold Internal Report: *Slimes Dam/Residue Deposition Report*, October 1997 – September 1998, pp 1 & 2

Ashton, P.J., D. Love, H. Mahachi, P.H.G.M. Dirks (2001). *An Overview of the Impact of Mining and Mineral Processing Operations on Water Resources and Water Quality in the Zambezi, Limpopo and Olifants Catchments in Southern Africa*. Contract Report to the Mining, Minerals and Sustainable Development (SOUTHERN AFRICA) Project, by CSIR-Environmentek, Pretoria, South Africa and Geology Department, University of Zimbabwe, Harare, Zimbabwe. Report No. ENV-P-C 2001-042.

Audouin, J. (1997) *Geophysical Study of Acid Rock Drainage in the City Deep Area, Johannesburg, Gauteng*, MSc thesis, University of the Witwatersrand, Johannesburg, South Africa pp 4, 10, 17, 19-20.

Baxter, R. (2003) *Strong Rand Batters Mining Industry*, a letter to the editor Business Day 24/10/03, p14

Blight, G. & J. du Preez (1997) *The escape of salt pollution from decommissioned gold residue deposits in South Africa*, The Journal of the South African Institute of Mining and Metallurgy, July/August 1997, pp 201-204.

Boer, R (1999) Personal Communication, rudyboer@iafrica.com

Bradshaw, A.D. (1980) *Restoration of Land*. 1st Ed, Blackwell Scientific Publications, London, pp 136-137.

Chamber of Mines of South Africa (2002) *Contribution of Mining & Minerals to Sustainable Development in South Africa*, www.bullion.org.za, downloaded on 27/04/05 pp 3

Chamber of Mines of South Africa (2004) *2003/2004 Annual Report*, www.bullion.org.za, downloaded on 27/04/05 pp4, 29

Colorado School of Mines. *Environmental Chemistry in Colorado, Toxic Mine Drainage Chemistry and Treatment; AMD Chemistry*, <http://www.mines.edu> downloaded 01/03/1999

Dalton, R, L. Abrahams & G. Morkel (Eds) (1998) *Juta's Statutes of S.A.- Agriculture, Fisheries, Forests & Water*, Vol , Juta & Co, Ltd, pp 460, 480

Dalton, R, L. Abrahams & G. Morkel (Eds) (1998) *Juta's Statutes of S.A.- Electricity, Energy & Mining, Labour & Transport*, Vol 4, Juta & Co, Ltd, pp 151

Department of Water Affairs and Forestry (1996) *South African Water Quality Guidelines* (2nd Ed) Vol 4: Agricultural Use: Irrigation,

Department of Water Affairs and Forestry (1996) *South African Water Quality Guidelines* (2nd Ed) Vol 7: Aquatic Ecosystems, pp 55 and 128

Department of Water Affairs and Forestry (1996) *South African Water Quality Guidelines* (2nd Ed) Vol 1: Domestic Use

Department of Water Affairs and Forestry (2004) *Development of a Charge System for Discharging Waste into Water Resources*, Newsletter no. 5

Department of Water Affairs and Forestry (2004) *National Water Resource Strategy*, 1st Ed, September 2004, pp15, 27 & 29

Drever, J.I.1982. *The Geochemistry of Natural Waters*, 3rd Ed, Prentice Hall, New Jersey, pp 11, 307

Environmental Data Interactive Exchange *South Africa: Find Your Niche*. <http://www.edie.net>, downloaded 14/07/02

Environmental Protection Agency (1995) *Tailings Containment*, June 1995, pp 3 & 4

Environmental Protection Agency (Office of Wastewater Management) *Hardrock Mining: Environmental Impacts*, <http://www.epa.gov/npdes/pubs/env.htm>, downloaded 28th August, 2005

Funke, J.W. (1990) *The Water Requirements and Pollution Potential of South African Gold and Uranium Mines*, Water Research Commission Report: KV 9/90, pp 144

Fuggle R.F. & M.A. Rabie (1992) *Environmental Management in South Africa*, 2nd Ed, Juta & Co, Ltd, Johannesburg, pp 18

Fertilizer Interpretation, <http://www.greenair.com/interpri.htm>, downloaded 30/08/2000

Friend, J.F.C & R. E. Loewenthal (1992) *Stasoft III- Computer Programme for Chemical Conditioning of Low to Medium Salinity Waters*, prepared for the Water Research Commission, Pretoria, pp 1.1

Hounslow, A.W. (1995) *Water Quality Data - Analysis and Interpretation*, CRC PressBoca, Ranton, Florida, pp 87-89

Geldenhuis S.J.J & D.P. Harpley (1989) *Waste Disposal, Ground Water Quality and Rehabilitation, a South African Perspective*, Proceedings of the 5th Biennial Symposium of the Ground Water Division, Geological Society of South Africa, 31 July-4 August, 1989, Council of Mineral Technology, Randburg, South Africa

Geller, W, H. Klapper and W. Salomons (Eds) (1998) *Acidic Mining Lakes*, Springer-Verlag Berlin Heidelberg, Germany, pp 197, 199

ILWIS Dept. (1997) *The Integrated Land & Water Information System – User's Guide*, International Institute for Aerospace Survey & Earth Sciences, Netherlands, pp 191, 235, 238

Jensen, J.R. (1996) *Introductory Digital Image Processing, a Remote Sensing Perspective*, 2nd Ed, Prentice Hall, New Jersey, pp37-40.

Kenyon, K. (1999) Personal Communication, Kkenyon@anglogoldashanti.co.za

Khanna, T. (2000) *Mining and the Environmental Agenda*, the Journal of the South African Institute & Metallurgy, Jan/Feb 2000, pp 46

Kyeyune, S.K (2001) *Impacts of Acid Mine Drainage on the Kromdraaispruit System*, MSc Thesis, University of the Witwatersrand, Johannesburg, South Africa, pp 115

Laberge Environmental Services (2001) *Cyanide – The Facts* Mining Environmental Research Group (MERG) Report 2001-2, www.emr.gov.yk.ca/mining/programs/merg, pp 3-4

Lillesand T.M & R.W. Keifer (1994) *Remote Sensing & Image Interpretation* 3rd Ed. John Wiley & Sons Inc. USA pp 63

Limpitlaw, D. (2003) *An Assessment of the Mining Impacts on the Environment in the Zambian Copperbelt*, PhD Thesis, University of the Witwaterand, Johannesburg, South Africa, pp 92

Liptrot, G.F. (1983) *Modern Inorganic Chemistry*, 4th Ed, Bell & Hyman, London, pp 176

Marsden, D.D.(1986) the current limited impact of Witwatersrand gold mine residues on water pollution in the Vaal river system, *Journal of the Institute of Mining & Metallurgy*, vol. 86, Dec, 1986, pp 481

Mbendi Information for Africa *South Africa-Mining: Gold Mining*, <http://www.mbendi.co.za>, downloaded on 26/05/04

McWhorter, D.B. (1989) *Tailings Disposal and Ground Water*, Proceedings of the 5th Biennial Symposium of the Ground Water Division, Geological Society of South Africa, 31st-4th August, 1989, Council of Mineral Technology, South Africa, pp 185-189

Miller, G.T. (1994) *Living in the Environment*. 8th Ed, Watsworth Publishing Company, California

Minerals Council of Australia (1997) *Minesite Water Management Handbook*, 1st Ed, Minerals Council of Australia, Australia, pp 15, 33, 80, 113

Moran, R. (2001) *More cyanide Uncertainties (Lessons from the Baia Mare, Romania)* Spill-Water Quality & Politics

NASA's Science Mission Directorate (2004) *Data and Service Workshop* presented at International Geoscience & Remote Sensing Symposium Conference, Anchorage, Alaska, 22nd Sept, 2004, pp 23

Oryx Environmental. (2003) - Arnot North EMPR

Pietersen, K (2005) *Groundwater Crucial to Rural Development*, Water Wheel, Vol. 4, No. 2, March/April 2005, pp 26

SA Waterbulletin (2000) *Benchmarking Water Services*, Water Research Commission, March/April 2000, pp 10

Schroeder, E.D. & G. Tchobanoglous (1985) *Water Quality*, Vol 1, Addison-Wesley Publishing Company, Inc., Canada, pp 91

SRK (1989) *Acid Mine Drainage Short Course*.pp 11-2, 1-11, 2-5

Supervising Scientist Group, May 1997, *Managing Sulphidic Mine Waste and Acidic Drainage*, <http://www.environment.gov.au/ssg/pubs/amd.html>

Thompson, J.G. (1980) Acid Mine Waters in South Africa, *Water S.A.* vol. 6, no. 3, pp130-133.

USGS (2003) Land Processes Distributed Active Archive Centre, *ASTER overview*, Sept, 2003

Water Research Commission (1995) **EMPR** (*Western Deep Levels & Elandsrand Gold Mine*) *Related to Surface Water*, pp G6, G16, G21 and G27

West Wits Operations (1999) Internal Report: *Slimes Dam/Residue Deposition Report* 17 pp 3 & 4

World Commission on Environment and Development (1987) *Our common future*, Oxford: Oxford University Press, p. 43.

World Summit on Sustainable Development, Business Day Event, Sandton, Johannesburg, 1-4 September 2002, pp 47-48