

## 11.0 REFERENCES

- Amedofu, G. K. 2002.** Industrial Noise Pollution and its Effect on the Hearing Capabilities of Workers. *African Journal of Health Science*.
- American Public Health Association. 1995.** Standard Methods for the Examination of Water and Wastewater.
- Agency for Toxic Substance and Disease Registry (ASTDR). 2002.** April
- Atobrah, K. 1980.** Groundwater Flow in the Crystalline Rocks of the Accra Plains, Ghana. Unpublished Ph.D Thesis. Princeton University, Department of Geological and Geophysical Sciences.
- Beier, P., M. Van Drielen and B. Kankam. 2002.** Avifaunal Collapse in West African Forest Fragments. *Conservation Biology* 16 (4): 1097- 1111.
- Birim North District Agricultural Development Unit. 2004.** Crop and Production Data for Birim North District. New Abirem. September.
- Blay, J. 2008a.** The Benthic Invertebrate and Fish Communities in the River Pra Basin in the Akyem Area (Ghana): October—November 2007, Wet Season. University of Cape Coast, Ghana. February.
- \_\_\_\_\_ **2008b.** The Benthic Invertebrate and Fish Communities in the River Pra Basin in the Akyem Area (Ghana): January 2008, Dry Season. University of Cape Coast, Ghana. May.
- Bredwa, Y. 2008.** Archaeological Survey at Akyem, Akyem Gold Project Area Eastern Region, Ghana. Prepared by Yaw Bredwa-Mensah (PhD), Department of Archaeology, University of Ghana, Legon-Accra for Geomatrix Consultants, Inc. April.
- Bucknam, C. H. 2002.** Newmont Standard ARD Waste Rock Evaluation Methods, Newmont Metallurgical Services. Englewood, Colorado
- Burge, P. 2002.** The Power of Public Participation. Acentech Incorporated. Proceedings of the 2002 International Congress and Exposition on Noise Control Engineering. Dearborn, Michigan. August 19-21.
- Business and Biodiversity Offset Programme (BBOP) Secretariat (Forest Trends, Conservation International and Wildlife Conservation Society). 2008a.** Draft Biodiversity Offset Design Handbook. BBOP reference: BBOP Rome 2008 Doc06 Draft Biodiversity Offset Design Handbook. Unpublished report to BBOP Advisory Committee. January.
- \_\_\_\_\_ **2008b.** Draft Community Biodiversity Offset Cost Benefit Handbook. BBOP reference: *BBOP Rome 2008 Doc09 Draft Community Biodiversity Offset Cost Benefit Handbook*. Unpublished report to BBOP Advisory Committee. January.
- Butler, I. and J. Harrod. 1989.** *In: Inorganic Chemistry, Principles and Applications*. Benjamin Cummings, California.

- Cavanaugh, W. and G. Tocci. 1998.** Environmental Noise, The Invisible Pollutant. Published in ESC, Volume I, Number I, Fall 1998, USC Institute of Public Affairs.
- Chamber of Mines of South Africa. 2005.** Website: [www.bullion.org.za](http://www.bullion.org.za)
- CIVA Innovation Management. 2005.** Golden Ridge Resources Limited, Akyem Gold Project, Draft Social Impact Assessment. February.
- Clear Creek Consultants, Inc. 2007.** Baseline Noise and Vibration Study, Spring and Fall 2007 Noise Level Measurements, Proposed Akyem Gold Mine Project, Ghana, Africa. December.
- \_\_\_\_\_ **2008a.** Newmont Golden Ridge Resources Limited Proposed Akyem Gold Mine Project – Ghana, Africa Meteorological Monitoring Program – Data Summary and Review: Year 2007.
- \_\_\_\_\_ **2008b.** Draft 2007 Baseline Surface Water Report, Proposed Akyem Gold Mine Project, Ghana, Africa. March.
- \_\_\_\_\_ **2008c.** Draft 2007 Spring and Seep Survey Data Report, Proposed Akyem Gold Mine Project, Ghana, Africa. March.
- \_\_\_\_\_ **2008d.** Draft Village Water Supply Data Report, 2007 Survey Summary, Akyem Project, Ghana, Africa. March.
- Conservation International. 2005.** Biodiversity Assessment of Newmont’s Gold Mining Site at Agyenua Forest Reserve. Unpublished report prepared for Newmont Ghana Gold Ltd. Accra, Ghana.
- \_\_\_\_\_ **2006.** Preliminary Report. Ajenjua Bepo and Mamang River Forest Reserves RAP Survey Ghana, West Africa. Unpublished report prepared for Newmont Ghana Gold Ltd. Accra, Ghana.
- Cox, P. 1989.** *In: The Elements: Their Origin, Abundance, and Distribution.* Oxford University Press. Oxford, UK.
- Donkor, A.K., J.C. Bonzongo, V.K. Nartey, and D.K. Adotey. 2006.** Mercury in Different Environmental Compartments of the Pra River Basin, Ghana. *Science of the Total Environment.* 368: 164-176.
- Edwards, Joseph D. 1999.** *Industrial Wastewater Engineering.* January
- Egan, M. 1988.** *Architectural Acoustics.* McGraw-Hill, Inc. 411 pp.
- Food and Agriculture Organization (FAO) of the United Nations. 1976.** *A Framework for Land Evaluation.* Soil Resources Development and Conservation Division. FAO, Rome.
- Feybesse, J. 1999.** *Tectonic Controls and Geometry of the Hydrothermally Altered and Mineralized Ore Bodies of the Kenbert Prospect; BRGM Consultant Report for Normandy LaSource S.A.S.*
- Geomatrix Consultants, Inc. 2007a.** Draft Final Baseline Technical Report Environmental Geochemistry, Ahafo Project. August.

- 
- \_\_\_\_\_ **2007b.** Draft Final Predictions of Water Quality Impacts, Ahafo South Mining Operations, Environmental Geochemistry Ahafo Project, Brong Ahafo Region, Ghana, West Africa. Prepared for Newmont Ghana Gold Ltd., Accra, Ghana. August.
- \_\_\_\_\_ **2007c.** Draft Baseline Technical Report Aquatic Resources, Ahafo Project Stage 2, Brong-Ahafo Region – Africa. Prepared for Newmont Ghana Gold Ltd., Accra, Ghana. May.
- \_\_\_\_\_ **2007d.** Draft Final Baseline Technical Report, Noise and Vibration, Ahafo Project Stage 2, Brong-Ahafo Region – Africa. Prepared for Newmont Ghana Gold Ltd., Accra, Ghana. January.
- \_\_\_\_\_ **2007e.** Technical Memorandum to Newmont Ghana Gold Ltd. from Cam Stringer and Amelia Tallman regarding Ahafo South Groundwater Dewatering Predictions. August 6.
- \_\_\_\_\_ **2008a.** Draft Final Baseline Technical Report – Flora, Akyem Project, Eastern Region, Ghana. Prepared for Golden Ridge Resources Ltd., Accra, Ghana. January.
- \_\_\_\_\_ **2008b.** Draft Final Baseline Technical Report – Fauna, Akyem Project, Eastern Region, Ghana. Prepared for Golden Ridge Resources Ltd., Accra, Ghana. January.
- \_\_\_\_\_ **2008c.** Draft Final Baseline Technical Report – Aquatic Resources, Akyem Project, Eastern Region, Ghana. Prepared for Golden Ridge Resources Ltd., Accra, Ghana. April.
- \_\_\_\_\_ **2008d.** Draft Final Baseline Technical Report – Heritage Resources Update, Akyem Project. Eastern Region, Ghana. Prepared in association with Dr. Kwaku Agyemang Mensah for Golden Ridge Resources, Ltd. April.
- \_\_\_\_\_ **2008e.** Draft Final Baseline Technical Report – Archaeological Resources, Akyem Project, Eastern Region, Ghana. Prepared for Golden Ridge Resources Ltd., Accra, Ghana.
- Geomatrix Consultants, Inc. and Soil Research Institute, 2008.** Draft Final Baseline Technical Report – Soil Resources, Akyem Project, Eastern Region, Ghana. Prepared for Golden Ridge Resources Ltd., Accra, Ghana. May.
- Ghana Chamber of Mines, 2001.** Environmental Guidelines for Mining in Production Forest Reserves in Ghana. May.
- Ghana Environmental Protection Agency (EPA). 1996.** Mining and Environmental Guidelines.
- \_\_\_\_\_ **2005.** Ambient Noise Guidelines.
- \_\_\_\_\_ **2008.** Reviewed Comments on Environmental Impact Statement, Akyem Project – April 2008 by Golden Ridge Resources Limited. August 18.
- Ghana Home Page. 2005.** Ghana Home Page website: <http://www.ghanaweb.com/GhanaHomePage/economy/tax.php>.
- Ghana Minerals Commission. 2005.** Internet website: [www.mincomgh.org/facts\\_and\\_fig/production\\_stats.html](http://www.mincomgh.org/facts_and_fig/production_stats.html)
- Ghana Minerals Commission and Watts, Griffin and McQuade, Inc. 1998.** Ghana Mining CD ROM, May 1998; Ghana Minerals Commission. Accra.

- Ghana Ministry of Lands, Forestry, and Mines. 1999.** Republic of Ghana. Managing Ghana's Wetlands: A National Wetlands Conservation Strategy. [http://www.ramsar.org/wurc/policy\\_ghana.htm](http://www.ramsar.org/wurc/policy_ghana.htm)
- \_\_\_\_\_. **2001.** Operational Guidelines for Mineral Exploration in Forest Reserves for Selected Companies (Draft). January.
- \_\_\_\_\_. **2002.** Forest Conservation Archives. Ghana: The Bushmeat Crisis. <http://forests.org/articles/reader.asp?linkid=17460>
- Ghana Statistical Service, 2002.** 2000 Population and Housing Census. Summary Report of Final Results. March.
- Ghana Wildlife Society. 2007.** Baseline Biodiversity Assessment for Flora and Fauna at the Akyem Study Area. Unpublished report prepared for Geomatrix Consultants, Inc.
- Golden Ridge Resources Limited (GRRL). 2004.** Akyem Project Scoping Report and Terms of Reference. Prepared by SGS Environment. July.
- \_\_\_\_\_. **2005a.** Draft Environmental Impact Statement, Akyem Project, Eastern Region Ghana, West Africa. Prepared by Maxim Technologies, Inc. April.
- \_\_\_\_\_. **2005b.** Revised Draft Environmental Impact Statement, Akyem Project, Eastern Region Ghana, West Africa. Prepared by Maxim Technologies, Inc. December.
- \_\_\_\_\_. **2006.** Final Environmental Impact Statement, Akyem Project, Eastern Region Ghana, West Africa. Prepared by Maxim Technologies, Inc. May.
- \_\_\_\_\_. **2008a.** Draft Environmental Impact Statement, Akyem Project, Eastern Region, Ghana. Prepared by Geomatrix Consultants, Inc. April.
- \_\_\_\_\_. **2008b.** Social Impact Assessment, Akyem Project. Prepared by Golder Associates Africa. May.
- Golder Associates Africa. 2004a.** Feasibility-Level Pit Slope Designs, Akyem Project, Ghana. September.
- \_\_\_\_\_. **2004b.** Hydrologic Conditions at Akyem. Draft Technical Memorandum. October 18.
- \_\_\_\_\_. **2006.** Ghana Pit Lake Study. Technical Memorandum. September 5.
- Gratwicke, B., B.E. Marshall, and T. Nhiwatiwa. 2003.** The Distribution and Relative Abundance of Stream Fishes in the Upper Manyame River, Zimbabwe, in Relation to Land Use, Pollutions and Exotic Predators. *African Journal of Aquatic Science*. 28(1): 25 – 34.
- Greenwood, N. and A. Earnshaw. 1997.** *In: Chemistry of the Elements*. 2nd edition, Butterworth, UK.
- Greene, R. and M. Greene. 1997.** Case Study: Noise Analysis of Operations from an Existing Mine at a Nearby Proposed Residential / Recreational Development. Woodward-Clyde International. Proceedings of the Institute of Noise Control Engineering. NOISE-CON 97 Conference. Pennsylvania State University. June 15-17.

- HDR Engineering, Inc. 2000.** Handbook of Public Water Systems, Second Edition.
- Hall, J. and M. Swaine. 1981.** Distribution and Ecology of Vascular Plants in Tropical Rain Forest. Forest Vegetation in Ghana. Geobotany I. Junk. The Hague. 383 pages.
- Hawthorne, W. 1995.** Ecological Profiles of Ghanaian Forest Trees. Overseas Development Administration. Forestry Department, Republic of Ghana. Tropical Forestry Papers 29, Oxford Forestry Institute, University of Oxford.
- Hawthorne, V. and M. Abu-Juam. 1995.** Forest Protection in Ghana with Particular Reference to Vegetation and Plant Species. IUCN Forest Conservation Programme. IUCN/ODA/Forest Department, Republic of Ghana.
- Huheey, J., E. Keiter and R. Keiter. 1993.** *In: Inorganic Chemistry: Principles of Structure and Reactivity.* 4th edition. Harper Collins. New York.
- International Cyanide Management Institute, ICMI. 2008.** Accessed at: <http://www.cyanidecode.org/signatorycompanies.php>
- International SOS, 2006.** Health Survey of Ghana. May.
- Ireland, T., P. Knoetze, D. Midot and G. Atule. 2001.** Discovery of the Akyem Gold Deposit, Ghana; New Gen Conference, Perth, Australia 2001.
- James, A. and M. Lord. 1992.** *In: Macmillan's Chemical and Physical Data.* Macmillan, London.
- Kaye, G. and T. Laby. 1993.** *In: Tables of Physical and Chemical Constants.* Longman, London. 15th edition.
- Knight-Piesold Pty Limited. 2002.** Environmental Scoping Document, East Ashanti Belt Gold Project, Akim Deposit. Ref. PE301-00013/2-1. July.
- \_\_\_\_\_ **2004.** Feasibility Study Update – Tailings Management, Raw Water Supply, Sediment Control, and Access Roads. Prepared for Lycopodium Pty Limited. October.
- \_\_\_\_\_ **2006.** Akyem Project Water Supply Bores Factual Report. Prepared for Lycopodium Engineering Pty. Ltd. July.
- Lagner, L. and C. Flather. 1994.** Biological Diversity: Status and Trends in the United States. USDA Forest Service. Gen. Tech. Report RM-244.
- Lescuyer, J. 1999.** Visit to Ghana Projects – Debriefing Report; Normandy LaSource Internal Memorandum.
- Logistics Direct. 2003.** Route Survey for Transportation of Materials from Ghana Seaports to Newmont Mining Corporation Mine sites at Abirem (Eastern region) and Kenyasi No. 1 (Brong Ahafo).
- Lycopodium Pty Limited. 2004.** Feasibility Study Update. Prepared for Golden Ridge Resources Ltd. November.

- McGraw-Hill. 1992.** Encyclopedia of Science and Technology. 7th edition. McGraw-Hill. New York.
- Ministry of Housing, Spatial Planning and Environment. 2004.** The New Dutchlist. Based on: Intervention Values and Target Values - Soil Quality Standards. Online at: <http://www.contaminatedland.co.uk/std-guid/dutch-l.htm> The Hague, The Netherlands.
- Monthel, J., P. Knoetze, G. Atule, E. Twuim and V. abd Bouchot. 2001.** Geological Studies for Resource Modelling at Golden Ridge (Kenbert), Ghana (Confidential); BGRM Internal Report RC-51067-FR; 23p. Consultant Report for Normandy LaSource S.A.S.
- Material Safety Data Sheets (MSDS). 2008.** No. H3803. Accessed online at <http://www.ilpi.com/msds/>
- National Institute for Occupational Safety and Health (NIOSH) Handbook, Centers for Disease Control Management. 2008.**
- Newfields. 2007.** Draft Health Impact Assessment NGGL Ahafo Phase 1 and 2. February.
- Newmont Golden Ridge Limited (NGRL). 2008.** Draft Environmental Impact Statement. Akyem Project. Eastern Region, Ghana. September.
- Newmont Mining Corporation (Newmont). 1991.** Environmental Mission Statement.
- \_\_\_\_\_ **2003a.** Report of Findings for Supply Chain Management in Ghana, Ahfo/Akyem Projects. Prepared by Don Burkett, International Logistics Manager. Denver, Colorado. April 16.
- \_\_\_\_\_ **2003b.** Health and Safety Training Program developed for Akyem Project.
- \_\_\_\_\_ **2005a.** Internal Memo from M. McComb to D. Brosnahan dated January 11.
- \_\_\_\_\_ **2005b.** Internal Data Provided by Charles Bucknam/Newmont Inverness as a Series of Excel Spreadsheets.
- \_\_\_\_\_ **2006a.** Comment Response Document, Public Consultation, Environmental and Social Impact Assessment, Ahafo South Project. Online at: [www.Newmont.com/en/operations/ghana/ahafo/docs](http://www.Newmont.com/en/operations/ghana/ahafo/docs)
- \_\_\_\_\_ **2006b.** Waste Rock and Tailing Geochemistry, Update – Ahafo South Project. April. Online at: [www.Newmont.com/en/operations/ghana/ahafo/docs](http://www.Newmont.com/en/operations/ghana/ahafo/docs)
- Obeng, H. 2003.** Series of the Pra River Basin. Council for Scientific and Industrial Research – Soil Research Institute. Kwadaso – Kumasi, Ghana. June.
- Oregon Department of Environmental Quality. 2007.** Guidance for Assessing Bioaccumulative Chemicals of Concern in Sediment (07-LQ-023A). Environmental Cleanup Program. Portland, Oregon, USA.
- Porterfield, W. 1984.** Inorganic Chemistry, a Unified Approach. Addison Wesley Publishing Co. Reading Massachusetts.
- rePlan Mining Consultants Ltd. (rePlan), 2007a.** Resettlement Action Plan V 1.0. January
- \_\_\_\_\_ **2007b.** Draft Social Impact Assessment 2007 Update.

- SGS Environment (SGS). 1998.** Golden Ridge Resources Ltd. Ajenjua Bepo Forest Reserve Assessment and Environmental Management Plan. Unpublished Report. Accra, Ghana.
- \_\_\_\_\_. **2000.** Rank Mining Company limited, Ntotoroso Gold Project, Environmental Impact Statement.
- \_\_\_\_\_. **2004a.** Baseline Survey – Flora. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2004b.** Baseline Survey – Fauna. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2004c.** Baseline Survey – Fisheries and Aquatic Resources. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2004d.** Baseline Survey – Climate. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2004e.** Baseline Survey – Soils of the Akyem Project Area. Prepared for Golden Ridge Resources Limited, Akyem Project. June.
- \_\_\_\_\_. **2004f.** Baseline Survey – Land Use. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2004g.** Baseline Survey – Hydrology. Prepared for Golden Ridge Resources Limited, Akyem Project. December.
- \_\_\_\_\_. **2005.** Baseline Survey – Hydrogeology. Prepared for Golden Ridge Resources Limited, Akyem Project. March.
- Tebea, I. 2005.** Personal Communication. Project Geologist, Golden Ridge Resources, Ltd. December.
- Thomas, D. 1991.** On Fruits, Seeds, and Bats. *Bats* 9(4):8-13.
- Tuttle, M. 1983.** Can Rain Forest Survive Without Bats? *Bats* No. 1: 1-2.
- U.S. Department of the Interior, Bureau of Land Management (BLM). 1996.** *Memorandum from BLM Director. Acid Rock Drainage Policy for Activities Authorized Under 43 CFR 3802/3809. Instruction Memorandum No. 96-97. April 2.*
- U.S. Department of Transportation (DOT). 1995.** Transit Noise and Vibration Impact Assessment, Final Report.
- U.S. Environmental Protection Agency (USEPA). 2004.** Federal Drinking Water Regulations, Primary and Secondary. 40 CFR Parts 141 and 143. October.
- World Health Organization (WHO). 1999.** Guidelines for Community Noise, Geneva. Edited by Birgitta Berglund, Thomas Lindvall, Dietrich H Schwela.
- \_\_\_\_\_. **2004.** Guidelines for Drinking-Water Quality. Third edition, Volume 1. Geneva.

**World Wildlife. 2003.** Eastern Guinean Forests (ATO 111).

[http://www.worldwildlife.org/wildworld/profiles/terrestrial/at/at0111\\_full.html](http://www.worldwildlife.org/wildworld/profiles/terrestrial/at/at0111_full.html)

**Wright, J. and D. Hastings. 1985.** Geology and Mineral Deposits of West Africa. Allen and Unwin, London.