



THE MSA GROUP - GOLD CAPABILITY STATEMENT



INTRODUCTION

The MSA Group has entrenched itself as a trusted and holistic, independent service provider and contractor over the past three decades. The MSA Group's track record is synonymous with quality, integrity and safety compliance.

The MSA Group provides specialist technical services to numerous international and local projects and has worked on five continents in more than 30 countries. The MSA Group's client base includes the largest multi-national mining companies and juniors listed throughout the world.



ISO 9001:2008 Certified



THE MSA GROUP'S GOLD EXPERIENCE

MSA has undertaken multiple gold exploration and evaluation programmes, from targeting and initial assessment to the execution and project management of multi-disciplinary programmes, through to geological and resource modelling.

MSA routinely prepares internationally compliant resource and reserve estimate statements and Competent/Qualified Persons Reports (QPR/CPR) for the purposes of listing on all major mining exchanges. MSA also undertakes and manages technical due diligence (DD) studies, project valuations according to international valuation standards (CIMVal, SAMVAL) and manages scoping, prefeasibility and feasibility studies.

CLIENTS



The MSA Group's recent gold clients include Goldfields Ltd, AngloGold Ashanti Ltd, Thani Emirates Resources Holdings Ltd, Savannah Gold Ltd, Blackthorn Resources Ltd, GP Minerals Ltd, Eastern Goldfields Ltd, Mining Mineral Resources sprl, West Wits Mining Ltd, New Dawn Mining Corp, Tawsho Mining Inc, Glencar Mining PLC, Wits Gold Ltd, Equeco Resources Ltd, Nyota Minerals Ltd, Somika sprl, Benu Gold Ltd, Erin Resources Ltd, Sunridge Gold Corp and Great Basin Gold Ltd.

RECENT PROJECT DETAILS AND LOCATION

The MSA Group routinely supports our client's exploration objectives with the following services:

- Desk top reviews and project assessment, ranking and targeting
- Remote sensing prospectivity studies: identification of alteration zones and structural controls on potential gold-bearing systems
- Project planning and project management
- Preparation and implementation of Standard Operating Procedures to ensure compliance
- Exploration project management including: soil and stream sediment geochemical surveys, ground magnetic and radiometric surveys, mapping, trenching and channel sampling, drill and geophysical contractor management, logging, sampling, laboratory management and QAQC in compliance with international reporting codes (SAMREC, JORC, NI 43-101)
- Database management
- Detailed structural geological mapping/interpretation
- Data interpretation and recommendations
- Independent technical/CP/QP for all international reporting codes
- Resource estimation in compliance with international reporting codes
- Due diligence, valuations, scoping and prefeasibility studies



RECENT PROJECTS

ARGENTINA

2007: Review of the mineral deposits of Argentina including epithermal gold and gold porphyry deposits.

BOTSWANA

2011: Compilation of NI 43-101 report on an operating gold mine

BURKINA FASO

2010: Technical and database management, CP signoff and resource estimation for an ongoing RAB/RC and diamond drilling programme

CAMEROON

2007: Prospectivity assessment of a gold property in Eastern Cameroon.

COTE D'IVOIRE

2009 / 2010: Execution of magnetometer and soil geochemical surveys and diamond core drilling programme.

DRC

2007: Shear-hosted mesothermal gold system related to Proterozoic mobile belts. Major activities included regional geological mapping and stream sediment sampling.
2009: CP oversight and technical support services in Katanga Province.
2010: Technical review for a gold exploration program near Kalemie in the Eastern DRC

RECENT PROJECT DETAILS AND LOCATION

EGYPT

2008 / 2009: Project management and execution of gold exploration programmes for two concessions in the Eastern Desert.

2007: Study on the mineral potential of Egypt with an emphasis on gold.

ERITREA

2008: Compilation of three NI 43-101 resource reports on gold-rich VMS deposits

ETHIOPIA

2011: Contract exploration services and CP supervision of three concession areas in west and northwest Ethiopia

GHANA

2010 - current: CP oversight, target generation, exploration programme design and techno-economic evaluation of early-stage exploration project

2009: Independent technical review of regolith-hosted gold prospect in southern Ghana

MALI

2010: Desktop assessment and technical review of a greenfields gold project in southern Mali

2008: Operated three concessions (Bokoro, Sanioumale, and Farasaba) in the southwest of the country and close to the border with Guinea. Remote sensing target generation and follow up RAB drilling through laterite cover.

MOZAMBIQUE

2008: Structural geological mapping and interpretations and reporting on the findings for the Manica Gold project in Mozambique.

NAMIBIA

2010: Desktop review, data compilation, field review and target generation in NW Namibia.

NIGERIA

2009 / 2010: NI 43-101 technical report on exploration stage gold projects in northern and western Nigeria.

2009: Soil and grab sampling programme, structural/geological mapping, data review/validation/management and drilling contractor procurement.

SOUTH AFRICA

2010 / 2011: Development and implementation of global ounce-reporting database

2010: Prospectivity and tenure assessment of gold dumps and tailings dams in the Witwatersrand basin using remote sensing technology to rapidly delineate and rank the dumps

2009 / 2010: Design and maintenance of a global production statistics database to aid executive decision making

2008: Drilling and resource delineation exploration program in the West Rand Basin.

2007: Regional grid-based soil geochemical and ground magnetic survey and geological mapping.

TANZANIA

2011: Desktop review and evaluation of early-stage exploration projects

2010 - current: Ongoing QP oversight and compilation of NI 43-101 reports

2008 - 2009: High level review of the potential of prospecting licences in Tanzania.

TURKEY

2010: High-level prospectivity assessment of several exploration licences

YEMEN

2008 / 2009: Project management of a major drill programme and district exploration at the Medden gold camp. Structural geological assessment of regional prospects. NI 43-101 report compilation.

RECENT PROJECT DETAILS AND LOCATION

ZAMBIA

2006-2009; 2011-current: Multiphase exploration drilling programme in an iron oxide-copper-gold district near Mumbwa.

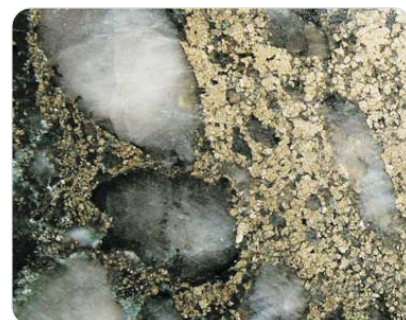
2011: NI 43-101 Technical Report on an operating gold mine

2009: Review and ranking of gold exploration properties in the Shurugwi-Gweru Greenstone Belt. Execution and management of trenching programme.

ZIMBABWE



Gold-bearing vein system, Egypt



Pyrite and gold-bearing conglomerate, Wits basin

SUMMARY OF RELEVANT EXPERTISE

Mike Robertson - BSc, MSc, Pr.Sci.Nat, MGSSA, MSAIMM, MSEG.

Mike has over twenty years of experience in mineral exploration. His experience covers the planning, execution and management of geological mapping programmes, geochemical sampling surveys, geophysical surveys, and drilling programmes encompassing core logging, sampling, evaluation as well as assay quality control and quality assurance, with an emphasis on compliance with various reporting codes. His consulting experience includes property reviews, exploration programme audits, due diligence audits, and independent technical and listing reports for base metal projects worldwide. Mike has a particular interest in the application of applied structural geology to understanding controls on ore genesis.

Rob Croll – BSc, MBA, GDE (Wits), AMP (Oxford), BLP (GIBS)

Rob Croll is a mining engineer with over 35 years experience in the South African and Global mining industry and is the head of MSA's Consulting services. Rob is a recognised expert mineral economist and mine valuation specialist and has worked in platinum, gold, uranium, diamonds and a range of other commodities. He can value mineral projects according to the three major international valuation codes; SAMVAL (South Africa), VALMIN (Australia) and CIMVal (Canada).

Mike Hall – BSc (Hons), MBA, MAusIMM Pr.Sci.Nat and MGSSA

Mike has over thirty years experience in project exploration design, management and operation for a broad variety of mineral deposit types and commodities, specialising in PGMs. This includes fifteen years hands-on and consulting experience on mineral resources and grade estimation, statutory reporting on exploration results and resources reporting to NI 43-101, JORC and SAMREC codes. He also has considerable experience in 3D orebody modelling and resource evaluation using Datamine and Vulcan software, as well as Whittle 4D/4X open-pit optimisation skills.

Dr Brendan Clarke – BSc (Hons), PhD, Pr.Sci.Nat

Brendan has experience in field and structural mapping in geological terranes throughout Africa. This experience includes structural analysis of complex orebodies, QA/QC of assay programmes, and the design, costing, management and implementation of exploration programmes. Specific exploration and structural geological consulting experience has been gained in the Bushveld Complex, Birimian terrains of West Africa, Katangan Copper Belt (DRC), Pan-African mobile belts (Nigeria) and Proterozoic belts in Yemen.



SUMMARY OF RELEVANT EXPERTISE

Brian Ruzvidzo – BSc, MGSSA.

Brian has nine years experience in the planning, organisation, coordination and control of all mine related geological and rock mechanics work, exploration programme management and setting up systems for the monitoring and control of grade. He also carried out structural mapping of underground areas and has had input into the design and implementation of support systems for mined out areas and rock mechanic structures such as pillar designs and monitoring systems.

Experience includes underground mapping, core logging and sampling, supervision of underground diamond drilling, updating of geological plans and sections, preparation of monthly and annual budgets for the geology section and drawing layouts for mining of all underground workings.

Loni Gallant – BSc (Hons), Pr.Sci.Nat, MGSSA.

Loni has three years of experience in Witwatersrand and Arabian-Nubian shield (in Ethiopia) hosted gold mineralisation. Field work included managing large drilling programmes, downhole surveys, geotechnical and geological logging, trench mapping and logging, managing core sampling and sample dispatch, data capture and management, and project reporting.

Jeremy Rusere – BSc, MSc, Pr.Sci.Nat and MGSSA

Jeremy has twelve years of multi-commodity exploration experience from grassroots to brown fields projects. Projects have included geological mapping over the Mont Gao iron ore deposit in Côte d'Ivoire, project management and field mapping in Nigeria, field mapping for alluvial diamonds in Chiadzwa, Zimbabwe, implementing NI 43-101 compliant exploration protocols for gold projects in Zimbabwe and regional geological mapping and first pass stream sediment sampling in the Democratic Republic of Congo. He has also worked as a senior geologist on several Zimbabwean gold mines.

Skills include project set up and supervision of drilling programmes (RC, percussion, auger and diamond drilling), chip, core and geotechnical logging, trench mapping, geochemical sampling, ground magnetic surveys, GIS, Geosoft Target and Gemcom modelling, mineral rights administration, mineral resource management and report writing.

Bruno Bvirakare – BSc (Hons), MGSSA, MGSZ

Bruno has thirteen years of exploration and mining experience including geological management of projects, target generation, quality control, litho-structural surface and underground mapping, soil and drainage geochemical surveys, ground magnetic and induced polarization surveys, diamond and reverse circulation logging and sampling, mineral resource/ore reserve estimation and reporting, and mining prefeasibility studies. His experience has been gained in the Archaean gold deposits in Zimbabwe and in Proterozoic deposits on the West African and Arabian shields. Bruno is also familiar with the requirements of the various reporting codes.

John Sexton – BSc, BCom, MB

John has 36 years experience in the valuation of mining projects gained through positions at Rand Mines, Goldfields and AngloGold Ashanti. He is a Qualified/Competent valuator in terms of the three major international valuation codes: SAMVAL, VALMIN and CIMVal and has undertaken financial modelling and valuation exercises on gold, diamond, platinum, uranium, ferrochrome and fluorspar mines in Africa, the Americas and Eurasia.