



THE MSA GROUP - PLATINUM GROUP METALS 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.



THE MSA GROUP'S PLATINUM GROUP METALS EXPERIENCE

The MSA Group has undertaken multiple platinum group metals (PGM) exploration and evaluation programmes, from targeting and initial assessment to the execution and project management of multi-disciplinary programmes. The MSA Group routinely executes internationally compliant resource and reserve estimate statements and has undertaken Competent/Qualified Person Reporting for companies listed on the Johannesburg, Toronto and Australian stock exchanges.

CLIENTS



Clients include Lonmin Platinum (Lonplats) (Pty) Ltd., Impala Platinum (Impala) (Pty) Ltd., Eastern Platinum Ltd. (Eastplats), African Rainbow Minerals (ARM) (Pty) Ltd., Northam Platinum Limited, Rio Tinto South Africa, Noril'sk Africa (formerly Lion Ore (Botswana) Ltd.), Lesego Platinum, Pan Palladium SA (Pty) Limited, Realm Resources Limited (Australia), Albidon (Zambia) Limited, Lion's Head (Pty) Ltd. and Hunter Dickinson Incorporated.

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
- Project planning and project management
- Preparation and implementation of Standard Operating Procedures to ensure compliance
- Placement of project geologists
- Core logging and sampling
- Data interpretation and recommendations
- Independent technical reports (NI 43-101, AIM, JORC, SAMREC)
- Mineral Project Valuations



RECENT PROJECTS

North-eastern Bushveld Complex: Management and operation of resource evaluation drilling programmes for the Merensky Reef and the UG2 Chromitite, mine geological services.

North-eastern Bushveld Complex: Brownfields exploration leading up to SAMREC compliant Inferred resource declaration for the Merensky and UG2 Chromitite reefs.

Northern Limb, Bushveld Complex: Brownfields exploration, on an historically-delineated disseminated and massive sulphide deposit. Geological modelling, resource estimation and preliminary project evaluation.

Western Bushveld Complex: Mineral resource and mineral reserve estimations and audits for Merensky Reef and UG2 Chromitite on an operating Bushveld Complex PGM mine.

SOUTH AFRICA

BURUNDI

BOTSWANA

Musongati Belt: Exploration programme design and management.

Ultramafic complexes: On-mine geological services and exploration management.



Core logging



Underground sampling



SUMMARY OF RELEVANT EXPERTISE

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. Mr Croll is a recognised expert mineral economist and mine valuation specialist and has worked in platinum, gold, uranium diamonds and a range of other commodities. Mr Croll can value mineral and mining projects according to the three major international valuation codes; SAMVAL (South Africa), VALMIN (Australia) and CIMVal (Canada).

John Guy Taylor – BEng (Hons)

John Guy Taylor is a mining engineer with over 25 years experience gained in the mining industry in Zimbabwe and South Africa. Mr Taylor has worked in a wide range of commodity and mining styles and has spent the last 8 years working predominantly on platinum mining.

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 Frieder Reichhardt – BSc, MSc, PhD, Pr.Sci.Nat, MGSSA and MGSG

Frieder has over twenty years of experience as an exploration and evaluation specialist with extensive experience in southern and western Africa. His experience includes all aspects relating to successful mineral exploration from target selection, project planning, management and evaluation. Frieder has worked on a wide range of commodities including precious metals, diamonds, vanadium and uranium.

Dr Brendan Clarke – BSc(hons), MSc, 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.

Neels van Rooyen – BSc, BSc Economy, Business Economy and Quantitative Management, Pr.Sci.Nat., MGSSA

Neels has thirty years experience in base and precious metal exploration projects in South Africa, including management of geochemical surveys, exploration and resource drilling and sampling, target selection and evaluation and data processing and computer modelling. He has also monitored ultra-deep drilling programmes. Neels has experience in mining geology, including underground and opencast mapping, grade control and sedimentological studies.

Sifiso Siwela – BSc (Hons), MGSSA, Pr.Sci.Nat.

Sifiso has considerable experience of Bushveld PGMs and chromitites. He has overseen geochemical and geophysical surveys and is experienced in all aspects of exploration drilling, including multi-rig planning and management, geotechnical logging and sampling. He has also been involved in underground drilling. Sifiso is familiar with Micromine and Datamine software and has managed Access-based geological databases including Datashed and GBIS.

In addition, The MSA Group can draw on a number of experienced project geologists for managing a variety of sampling and geophysical surveys, as well as R/C, RAB and core drilling programmes.