



# THE MSA GROUP - URANIUM 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 URANIUM EXPERIENCE

MSA has undertaken multiple uranium exploration and evaluation programmes, from the targeting, initial assessment and due diligence to the execution and project management of multi-disciplinary programmes.

MSA routinely executes internationally compliant resource and reserve estimate statements and has undertaken Competent/Qualified Persons Reports for the purposes of listing on all major mining exchanges.

## CLIENTS



The MSA Group's Uranium clients include Deep Yellow, URU Metals, Mantra Resources.

## 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
- Resource Estimation
- Independent technical reports (NI 43-101, AIM, JORC, SAMREC)
- Project Valuation



### RECENT PROJECTS

#### **NIGER**

**2011:** Ongoing CP reporting on uranium projects in Tim Merso Basin.

**2008:** Geological modelling and resources estimation.

#### **TANZANIA, ZAMBIA, MOZAMBIQUE**

**2011:** Review and generation of several uranium projects for Independent. Geological Report for proposed IPO on ASX.

#### **BOTSWANA**

**2010:** Technical due diligence over sandstone hosted uranium deposit.

**2010:** Technical due diligence over Witwatersrand uranium deposit.

**2009:** Geological modelling and resource estimation including a detailed study and re-evaluation of historical data. Ongoing CP reporting. Review of existing uranium projects.

**2008:** Desktop study reviewing historical feasibility studies of several uranium prospects. The re-evaluation of historical and pre-feasibility studies and initial geological modelling and resources estimation.

#### **SOUTH AFRICA**

**2009 / 2010:** Geological modeling and resource estimation over secondary and primary uranium deposits.

#### **NAMIBIA**

#### **ANGOLA**

**2008:** Desktop study targeting the uranium potential in Angola.

**2008:** Desktop study targeting the uranium potential in Mauritania as well as the review of prospecting licenses to formulate a NI43-101 compliant report.

**2007:** Peer review for an independent geological report covering several uranium licences in Mauritania required for an ASX listing.

#### **MAURITANIA**

#### **MOZAMBIQUE**

**2008:** Desktop study targeting the uranium potential in Mozambique.

## MALAWI

2008: Grass roots exploration in nepheline syenites and granitic gneisses, including stream sediment, rock and soil sampling and trenching.

## CZECH REPUBLIC

2007: Assessment of three uranium mines and the compilation of a report on the current and future uranium opportunities in the Czech Republic.



## SUMMARY OF RELEVANT EXPERTISE

**Mike Venter** – BSc (Hons), Pr.Sci.Nat, MGGSA and MSEG

### Principal Consultant - Uranium

Mike has more than eighteen years' experience in commodity research and evaluation, target generation and project start up, Competent Person Reporting, due diligence and listing reports for ASX and AIM. He is experienced in the planning and implementation of uranium, REO, precious base, industrial minerals and precious stone exploration projects in Sub Saharan Africa.

He has a solid background in the design of geochemical, geophysical (airborne and ground) surveys on a project specific as well as regional scale, including reporting to relevant Government Departments and Joint Venture partners. Mike's uranium experience over the last seven years includes the generation, exploration and management of several Karoo sandstone hosted uranium projects in the SADC region, as well as reporting as a Competent Person on various uranium projects throughout Africa.

**Mike Hall** – BSc (Hons), MBA, MGSSA and MAusIMM

### Consulting Geologist – Mineral Resources

Mike has over thirty years' experience in project exploration design, management and operation in a broad variety of mineral deposit types. 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 software, as well as Whittle 4D/4X open-pit optimisation skills.

Mike has carried out preliminary as well as detailed geological modelling and resource estimations for Unconformity hosted, lacustrine type and hard rock/alaskite/skarn uranium exploration projects in South Africa, Niger and Namibia.

**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 vast hands-on 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.

**Richard Wadley** – BSc (Hons), MSc (Min.Eng), Pr.Sci.Nat, FGSSA and FSAIMM

Richard has over thirty five years experience in the mining industry, including several years spent in comprehensive exploration programme management in offices remote from corporate centres. He is experienced in the fields of mineral economics analysis and the marketing of both services to the mining industry and of commodities to industrial consumers and new business developments. His exploration experience included seven years of field based uranium management and exploration in the alaskitic terrain of the Namibia and in Karoo sandstones for JCI in the 1970s and 1980s.

Richard has compiled numerous marketing strategies which have lead to the formulation of corporate growth strategies in the mining sector. He has been accountable for compiling, managing and leading teams responsible for the identification of new projects giving effect to corporate growth strategies.

Richard has been a representative on numerous public company boards both in South Africa and Australia, and has participated in new company formations, the creation of governance frameworks and the evaluation of the economic merits of a large number of diverse project proposals. Richard has participated in the selection of optimal suites of projects, in the presentation of company results and of corporate philosophy to many groups of local and international investors and has also assumed an editorial role in annual reports and other report compilations.