

SURGO MINING & INDUSTRIAL PROJECTS

Our Vision is to be the

Mining Contractor of Choice





WELCOME TO OUR COMPANY

SurgoMining is a 100% black owned mining company. We employ skilled, semi-skilled and novices from the local community, including women. We transfer skills to our employees. We support community social upliftment. We support the Mining Charter.

OUR SERVICES

1. Conventional and trackless stoping and development, using remote controlled drill jigs
2. Haulage Maintenance and Repairs.
3. Cover Drilling.
4. Raise Boring up to 4,2 meter diameter.
5. Building Underground Infrastructure e.g. Refuge Bays and Waiting Places.
6. Winch Erecting and Reclamation.
7. Building Surface Infrastructures e.g. Change Houses, Offices, Workshops, etc.
8. Secondary Support and long anchors up to 6M

MINING CONTRACTS

GLENCORE OPERATIONS: KROONDAL MINE

Currently busy with a Volume Based Contract @ 18 - 22kt per month. It also includes Secondary Support, Long Anchors, Reclamation, Roadway Maintenance and Construction. Contract with Glencore commenced in 2017 and is on going.



SIBANYE-STILLWATER: K3 MINE

Contract was terminated in December 2019 with all other Contractors. The Volume Based Contract was 3kt/month. The Contract included Sweepings, Haulage Maintenance and Winch Erecting.



LANXESS CHROME MINE

Entire mine operated using Drill Jigs since 2015. The Mine was producing 90kt per month but the mine was placed on care and maintenance in 2018

We have been appointed to manage the entire Western Mine, which is under our own 3.1(a) appointee and 2.13.1 appointees assuming full engineering and mining spheres of the contract .

Rustenburg Chrome Mines is Trackless / Board and Pillar mining using Drill Jig Technology which is associated with improved safety and production efficiency.

Surgo has been awarded a 5 years contract and is scheduled to produce 30kt per month steady state.



SAMANCOR MOOINOI WCM

Currently busy with a volume base contract of 25- 30kt per month. It also includes Blasting , Drilling , Secondary support , Roadway maintenance and Construction. Contract with WCM Samancor commenced in 2022 and is on going.





SAFETY STATISTICS

1 LTI 2019, 2020,
2021 to date.

CONTRIBUTING FACTORS



THE REMOTE CONTROLLED

DRILL JIG (RCDJ)



Safe Working Environment

The Drill Jig Operator is behind the Drill Jig in a supported area.

Supported hanging wall consists of Safety Nets, Jacks and Roof Bolts.

Safer working conditions and better hanging wall stability.



Ease of Use

Minimal physical effort to drill.

Jig is self propelled and suspended from a mono rail.

Uses standard pneumatic rock drills.

Can be operated by inexperienced drillers.

Makes it viable for Women in Mining.



The Benefits

In line thrust.

Improved face advance.

Improved crew efficiency.

Improved hanging wall and foot wall conditions.

Accurate drilling.



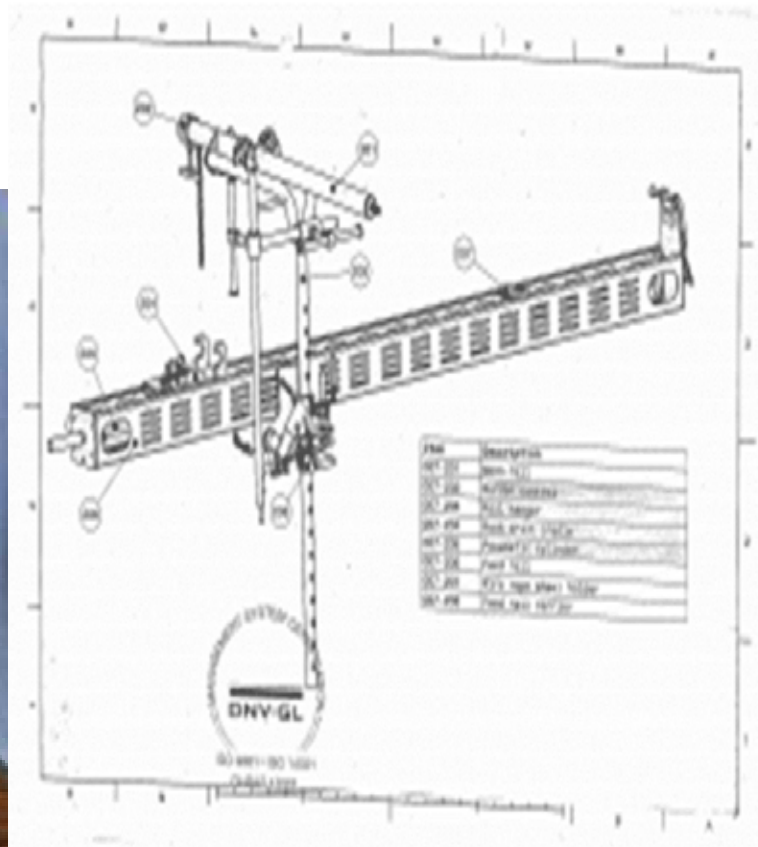
DRILL JIG TECHNOLOGY

The drill jig technology enables Surgo Mining to hire core mining labour from within the communities opposed to recruiting outside mine areas.

Our employees positive morale is our main competitive advantage. This is created by:

- Employee safety and security
- Employee relations stable environment
- High employee morale due to constant engagements
- Employee increased sense of ownership
- Learnership program and promotions
- Employee safety and security
- Highly qualified senior personnel in all departments
- Easily adaptable mobile drill jig
- Easily transportable mobile drill jigs
- Employee multi-skilling programs
- Team Management Systems

JIG DIAGRAM & SPESIFICATIONS



ITEM	DATA
Weight excluding rockdrill	42kg's.
Rockrill	Standard S215 rockdrill.
Boom length	1.5m to 3m.
Mono rail length	2 to 3.5m (depending on requirements).
Suspension method	Hung from roofbolts (depending on Rock Engineers recommendations).
Set-up time	10-12 minutes.
Drilling time/hole	6 to 8 minutes (2.4m blast hole).
Set up time between holes	1 minute.
Compressed air	Standard rockdrill requirements.



JIG INSTALLATION

SEQUENCE

- 1.** The Mono Rails are suspended from roof bolts with 16mm chain fastened to each end of the Mono Rail.
- 2.** The T-Piece end of the Mono Rail is inserted into the slot of the next Mono Rail and levelled.
- 3.** The Burden Control is slid over the Mono Rail from the up dip side.
- 4.** The Hanger Assembly is now suspended from the Mono Rail.
- 5.** The Boom is then suspended to the Hanger Assembly and Locking Pins are installed to prevent horizontal movement once thrust is applied.
- 6.** The Rockdrill is then fitted onto the Saddle Clamp fitted to the Boom and Stabilizing Rod is fastened to hanging wall to prevent vertical movement once thrust is applied.
- 7.** All services are connected to Rockdrill and Remote Control Unit.
- 8.** The jumper is installed in the Rockdrill and End Plate through the Collaring Bush and Safety Pins are installed.
- 9.** Set-up is complete and drilling can commence.

MANAGEMENT

CEO

CHIEF EXECUTIVE OFFICER

ANDREW MOSIME

B Tech HR Degree

Busy studying LLB with UNISA

MDP – School of Business Leadership – WITS

Dispute Resolution Certificate – Stellenbosch



COO

CHIEF OPERATING OFFICER

HARRY VAN VUUREN

Snr. Mining Diploma – Wits School of Mines

Mine Managers Certificate - Wits School of Mines

MDP - School of Business Leadership - UNISA

Snr. Management Diploma – School of Business leadership – UCT

Mine Overseers Certificate

35 years experience at Senior Management level up to General Manager Level in Gold and Platinum Mines.



REFERENCES

Glencore Mines

Berlinda Mosesane | Mine Manager | 084 440 3196

Sibanye-Stillwater, Marikana Division, K3 Mine

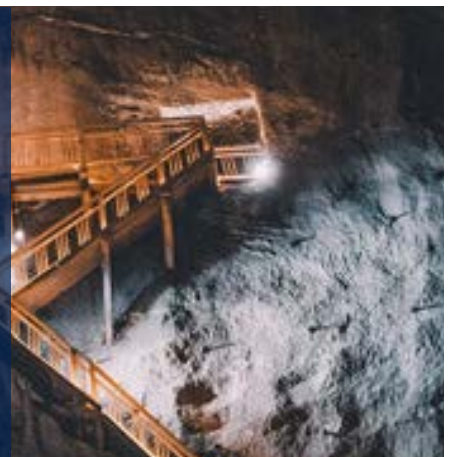
Charles Martin | Senior Operations Manager | 083 455 7175

Rustenburg Chrome Mine (RCM)

Johan Crafford | CEO | 083 6000 508

Samancor Mooiwoo WCM

PG Smit | General Manager | 083 256 9980



Contact Us

Harry van Vuuren | COO | 066 281 8190
harry@surgomining.co.za

Andrew Mosime | CEO | 072 174 4454
andrew@surgomining.co.za

