

**SGNCO**   
GREEN RESOURCES PTY LIMITED

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**COPPER, NICKLE, GOLD,  
PBM AND RARE EARTH  
ORE REPORT**

**PL2687/2023  
INSIGHT**





# INTRODUCTION

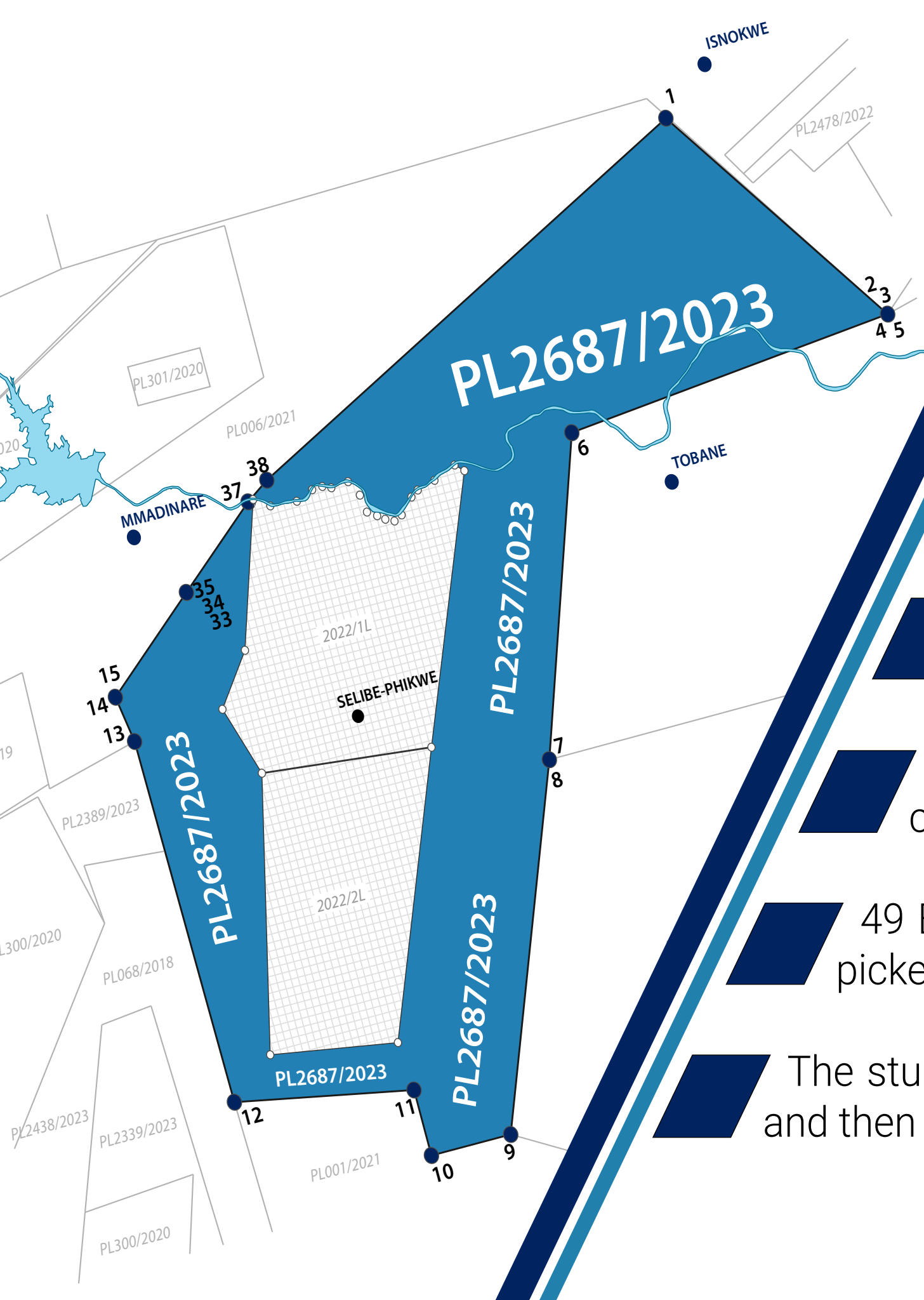
The company was founded in 2001 by Mr. Sandeep Garg near the state capital of India at Gurgaon. The company then began to diversify its activities internationally and establish foreign branches and partners. This supports SGNCO Green Resources Limited in offering unrivaled memo management services to its customers worldwide. SGNCO Green Resources Limited continues to explore potential markets to expand its network through annexations.

SGNCO Green Resources Proprietary Limited, a company formed under the laws of Botswana and having its registered office at Unit-2, Loapi House, Plot-1272, Old Lobatse Road, Gaborone, Botswana has recently acquired Prospecting Permit for a potential Copper-Nickle-Gold Ore mining concession in the Dikoloti area of Selebi-Phikwe region which lies North-East of the Capital Botswana.



# PROSPECTING LICENSE

## PL-2687/2023



The concession is around 400Kms North East of the Capital of Botswana.

The concession surrounds BCL Limited's, three Nickle mines which has been into production for decades.

Historically a lot of Exploration Work has already been done on the allotted concession.

49 Bore Holes were drilled to study the mineralization and soil sample were picked from hundreds of spots.

The studies were conducted by SNOWDEN Mining Consultants in the year 2004 and then corroborated again by MSA Group PTY LTD in the year 2014.



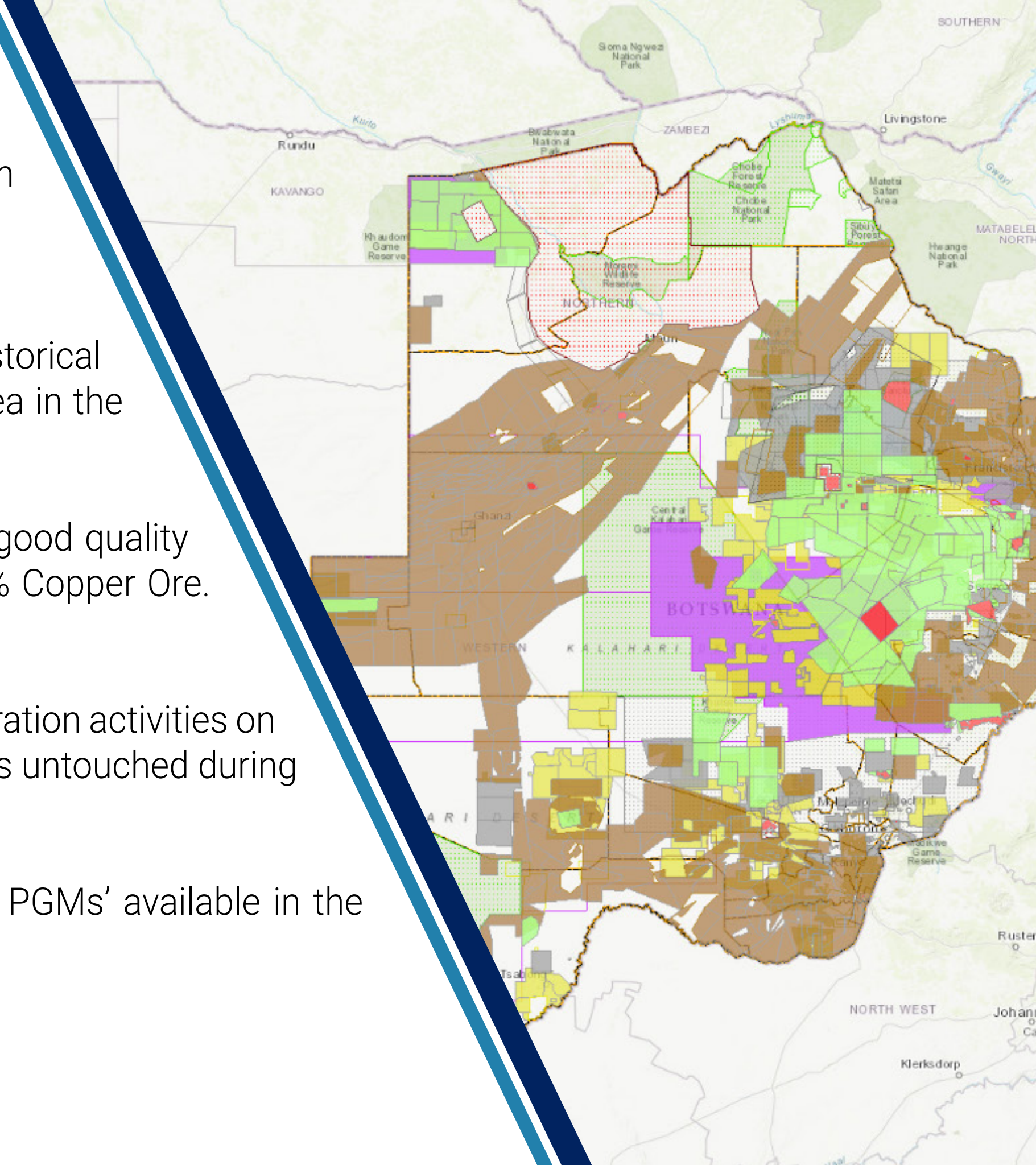
The PL 2687/2023 is spread across 615 Sq.KM which can be verified at Botswana Government's portal <https://portal.miningcadastre.gov.bw/page/mappublic>

SGNCO Green Resources PTY LTD has acquired the Historical Data for all the studies conducted on majority of the area in the allotted concession.

Historical reports show a proven resource of 4.5MT of good quality Ni-Cu ore with an average of 0.64% Nickel Ore and 0.5% Copper Ore. Cut off being considered at 0.4%.

These numbers will further be improved with more exploration activities on the North-East area of the concession which majorly was untouched during the historical studies.

The historical studies didn't take into consideration the PGMs' available in the ore.



# CURRENT STATUS OF THE PROJECT

Historically, a mine layout and schedule were completed using the Deswik CAD suite of software. The mine was planned to produce approximately 0.5 MT of Ore per annum for approximately eight years, producing some 3.5 MT of ore. The metal delivered to the processing plant is estimated as follows:

**Nickel: 16,959 T | Copper: 14,164 T | Platinum: 14,481Oz | Palladium: 66,785Oz**

SGNCO Green Resources Limited has picked up a few samples from the surface of the concession and the results are promising and corroborates the historical data acquired by SGNCO.

## TEST RESULTS

| PARAMETER (ON DRY BASIS)     | OBSERVATION | PROTOCOL/TEC. USED             | PARAMETER (ON DRY BASIS)     | OBSERVATION | PROTOCOL/TEC. USED                        | PARAMETER (ON DRY BASIS) | OBSERVATION | PROTOCOL/TEC. USED             |
|------------------------------|-------------|--------------------------------|------------------------------|-------------|---|--------------------------|-------------|--------------------------------|
| Aluminum (as Al), % By Mass  | 9.0         | IS:1527-1972,RA 2022           | Copper (as Cu), mg/kg        | 462         | IS:1527-1972,RA 2022 & ICP-OES            | Nickel (as Ni), mg/kg    | 170         | IS:1527-1972,RA 2022 & ICP-OES |
| Iron (as Fe), % By Mass      | 12.4        | IS:1527-1972,RA 2022           | <b>Silver (as Ag), mg/kg</b> | <b>6</b>    | <b>IS:1527-1972,RA 2022 &amp; ICP-OES</b> | Sulphur (as S), mg/kg    | 70          | IS:1527-1972,RA 2022 & ICP-OES |
| Calcium (as Ca), % By Mass   | 1.5         | IS:1527-1972,RA 2022 & ICP-OES | <b>Gold (as Au), mg/kg</b>   | <b>5</b>    | <b>IS:1527-1972,RA 2022 &amp; ICP-OES</b> | Boron (as B), mg/kg      | 25          | IS:1527-1972,RA 2022 & ICP-OES |
| Silica (as Si), % By Mass    | 25.5        | IS:1527-1972,RA 2022           | Platinum (as Pt), mg/kg      | BDL         | IS:1527-1972,RA 2022 & ICP-OES            | Arsenic (as As), mg/kg   | BDL         | IS:1527-1972,RA 2022 & ICP-OES |
| Potassium (as K), % By Mass  | 2.3         | IS:1527-1972,RA 2022 & ICP-OES | Vanadium (as V), mg/kg       | 19          | IS:1527-1972,RA 2022 & ICP-OES            | Chromium (as Cr), mg/kg  | 156         | IS:1527-1972,RA 2022 & ICP-OES |
| Phosphorus (as P), % By Mass | 0.04        | IS:1527-1972,RA 2022 & ICP-OES | Rubidium (as Rb), mg/kg      | 75          | IS:1527-1972,RA 2022 & ICP-OES            |                          |             |                                |

**Apart from the regular Nickle and Copper Ore, the results were very promising on the Prescence of Gold, Silver and other rare earth elements.**



Even without considering value of Gold, Silver and other PGM elements, on today's metal rate, the mine has the potential to generate US\$ 545,866,900.00 worth of revenue.

| <b>FINANCIAL METRICS</b> | <b>TOTAL/AVERAGE</b> | <b>UNITS</b> |
|--------------------------|----------------------|--------------|
| EBITDA                   | 92,714,373.31        | US\$         |
| Gross Cashflow           | 42,104,864.11        | US\$         |
| Net Cashflow             | 32,841,794.00        | US\$         |
| Pre-Tax NPV (10%)        | 18,045,547.91        | US\$         |
| Pre-Tax IRR              | 34.4                 | %            |
| Post-Tax NPV (10%)       | 13,499,419.51        | US\$         |
| Post-Tax IRR             | 30.4                 | %            |
| Operating Margin         | 44.6                 | %            |
| Payback Period           | 4                    | Years        |

The project is feasible as per the feasibility study done by MSA Group PTY LTD and thus No further Feasibility Study is required.

SGNCO Green Resources PTY LTD has already commenced the process of applying for Environmental Impact Assessment and Surface Rights.

Estimated time frame for securing EIA & Surface rights is 04 months and SGNCO anticipates another 02 months to apply & secure Mining License.

SGNCO anticipates starting commercial exploitation of the said permit by Mid 2024.

# FUNDS REQUIREMENT

## PHASE 01

During Phase - 1, SGNCO plans to prepare and sell Ore Concentrate and we anticipate a requirement of around US\$ 4,000,000.00 (\$ Four Million), breakup of which is as below:

- US\$ 1,000,000.00 for Concentrate Plant Equipment
  - US\$ 1,000,000.00 for Setting up a full Laboratory for testing of the mined ore
- US\$ 1,000,000.00 for required Infrastructure, including camp offices, making in-mine roads, getting electricity and water connection till site.
- US\$ 1,000,000.00 for getting the company listed on Alternative Investment Market (AIM)

## PHASE 02

During Phase - 2, SGNCO plans to process the concentrate and produce the actual metal onsite. The exact fund requirement during the phase – 2 will be made available during the due course of time.



# FINANCIAL HIGHLIGHTS

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# SGNCO'S MINING EXPERIENCE



Mr. Sandeep Garg is the Sole Director and 100% Share Holder of SGNCO Green Resources PTY LTD which can be verified on the CIPA Website (<https://www.cipa.co.bw>)

Mr. Garg is an Electrical Engineer, a Registered Chartered Engineer and a seasoned Entrepreneur with over Three Decades of Experience in metals and minerals.

Mr. Garg has the experience of starting and managing Iron Ore Mines in one of the world's most difficult terrain.

The mine produced, sized and transported around 30,000MT of high-quality ore monthly.

Mr. Garg owns and manage one of India's biggest pre-shipment inspection agencies which is authorized by Director General Foreign Trade India for India bound cargo as well as SIRIM; a Malaysia Government agency for Malaysia Bound shipments. The agency is also well trusted in UAE, Bangladesh, Pakistan and many other countries.

Mr. Garg owns and operate a state of the art recycling unit in India manufacturing aluminum and copper alloys ingots.

SGNCO has a team of experienced Geologist and mining professionals who are competent to turn around similar projects.





# SGNCO

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If you have any questions,  
please get them answered  
in person or through email



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