

Nickel

South Africa

TSX-V: ZBNI, OTC: ZBNIF

Zeb Nickel Corp.

“Resources for the Clean Energy Revolution”



ZEB NICKEL
Corp

Zeb Nickel Corp. explores for and develops projects related to the supply of metals critical for the electric vehicle and clean energy revolution. The company's flagship project is the [Zeb Nickel Project](#) located approximately 9 km northeast of the mining town of Mokopane in the Limpopo Province of South Africa. The project is in an area known for its world-class **platinum group element-nickel-copper** (“PGE-Ni-Cu”) deposits, including Ivanhoe Mines’ Platreef Project and Anglo-American Platinum’s Mogalakwena mine, which is the world’s largest open pit platinum mine. These two deposits together contain over 27% of the top ten known global nickel sulfide resources.

INVESTMENT HIGHLIGHTS

Prime location in World Class Mining District

Located on the Northern Limb of the Bushveld Complex in South Africa, a **world-class PGE and critical metal mining district**, The Project is directly adjacent to and up-dip of Ivanhoe Mines’ Platreef Project and along Strike of Anglo Platinum’s Mogalakwena Mining Complex and hosts similar styles of mineralization.

Advanced nickel sulfide deposit with four stacked de-risked Zones

- 12 870 m diamond drilling (38 holes) completed with multiple Ni-PGE mineralized horizons identified.
- **Zone 1** – Shallow [historical resource](#)* of 1.6 billion tons @ 0,25% Ni, ore containing close to 4 million tons of nickel. Based on recent drilling, indications are that there are **higher Ni grades** at depth.
- **Zone 2** – Higher-grade **Ni-Cu-PGE** mineralisation with 3,5 km strike and open at depth.
- **Zone 3** – Massive sulphide Ni-PGE target associated with ultramafic plumbing system.
- **Zone 4** – High-grade **gold** mineralisation.

“Green” Nickel Produced in an Environmentally Friendly Manner

- The Project offers an opportunity for low-cost nickel production using established flotation technology in an environmentally friendly manner.
- Environmental studies show limited impact in an established mining area.
- South Africa is global leader in renewable energy potential – lowest CO2 per pound nickel production potential.

Multipronged Exploration Program

Future exploration to simultaneously target higher-grade Ni-PGE mineralization in the footwall, massive sulfide target generation across the project area and declare a higher-grade Ni resource with PGE credits.

Security of Tenure

- Mining Right application accepted – final stages of granting; once granted secures rights for a further 30 years.
- Private landownership over the whole project area.
- 4,660 Ha of license area.

Highly Experienced Team

Top tier Board and Management team with impressive track record in the mining industry.

Management & Directors

James Nieuwenhuys	CEO
Richard Montjoe	VP Exploration
David Cross	CFO
Tom Panoulis	VP Corporate Development & Director
Alex Spiro	Director
John Zorbas	Director

Latest Announcements

06/12/23	Zeb Nickel Announces Management Change – James Nieuwenhuys as the new CEO
12/05/23	Exploration Drilling Commenced at Zeb Nickel Project Area
19/04/23	Airborne Geophysical Survey to be Conducted over the Zeb Project Area
07/02/23	Higher-grade nickel zone identified at Zeb

Key Financials

Fully Diluted Shares Outstanding	57.7M
Share Price: Year high-low	\$0.07-\$0.31

Major Shareholders

Institutional & Retail	~23%
Management & Insider ownership	~77%



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* **Zeb 1** Historical Resource Disclaimer
please visit <https://zebnickel.com/zebediela-ni-pge-project/>



Zeb Nickel Project – “Zeb”



Zeb Nickel Project

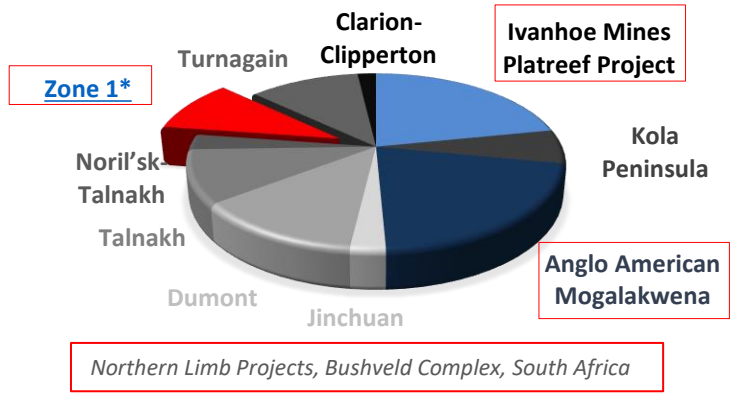
The Zeb Nickel project contains a **historical nickel sulfide resource (Zone 1)** that has significant upside potential with **unexplored areas** and 3 other **higher-grade zones** which are **open at depth**. Further exploration drilling should result in a higher-grade Ni-Cu-PGE resource across Zone 1 and Zone 2.

The Project has excellent infrastructure:

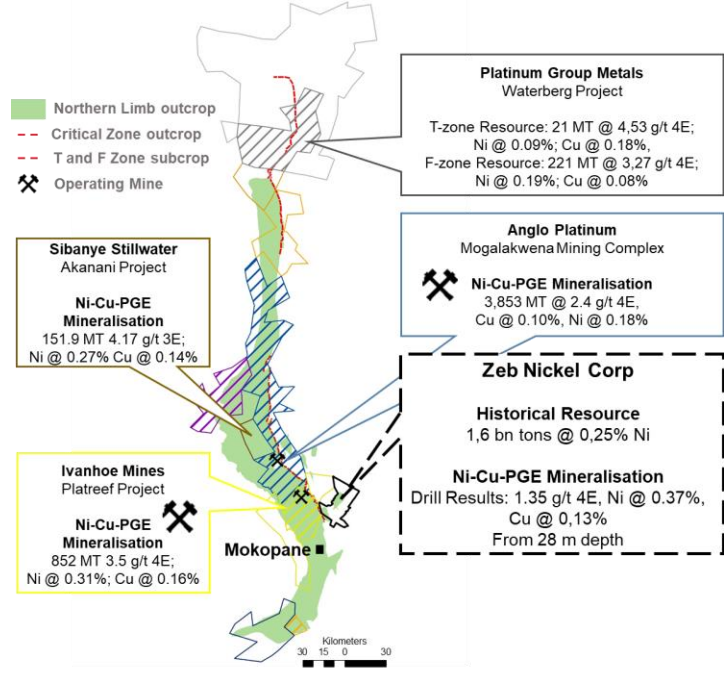
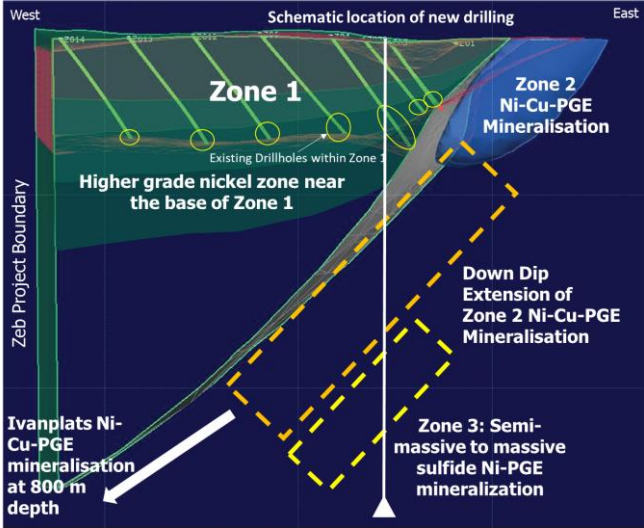
- Road access
- Water accessible
- Power nearby

Zeb Nickel Corp. has completed a phase 2 drilling program which has identified areas of **higher-grade Ni-Cu-PGE mineralization** in the footwall to the historical resource along 3.5 km of strike.

The next phase of exploration will consist of diamond exploration drilling targeting areas of higher-grade Ni-Cu-PGE mineralization (Zone 2) beneath Zone 1 and use modern geophysics techniques to rapidly explore for massive sulphide nickel mineralization across the Project area (Zone 3). Exploration will also determine the extent of the high-grade gold mineralisation and result in a maiden resource.



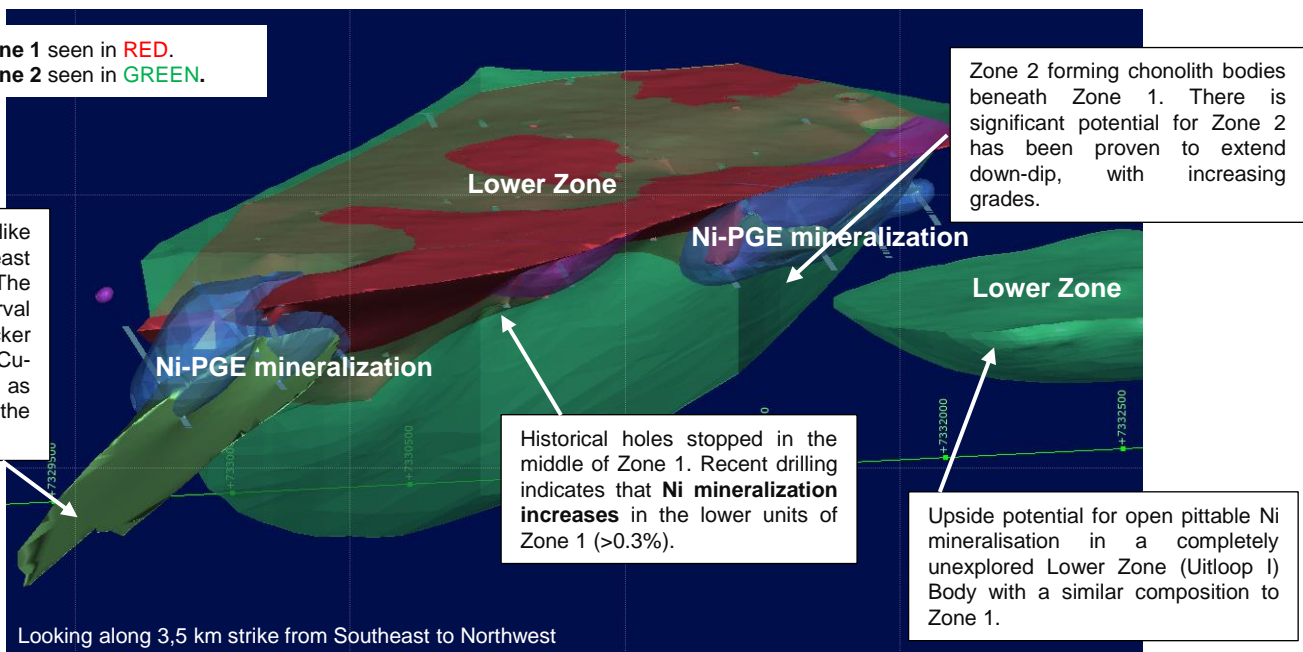
50% of the world's largest nickel sulphide deposits by contained nickel are located in the Northern Limb. Indications from recent drilling are that Ni-Cu-PGE mineralization in the footwall to the historical resource at Zeb could be the highest grade of these deposits.



Zeb Model Shows Huge Upside Potential

Mineralization within **Zone 1** seen in **RED**.
Mineralization within **Zone 2** seen in **GREEN**.

Zone 2 forming sheet-like bodies on the southeast side of the Zone 1. The Zone 2 mineralized interval tends to be much thicker and have higher Ni-Cu-PGE grades down dip as seen elsewhere in the Northern Limb.



Zone 2 forming chonolith bodies beneath Zone 1. There is significant potential for Zone 2 has been proven to extend down-dip, with increasing grades.