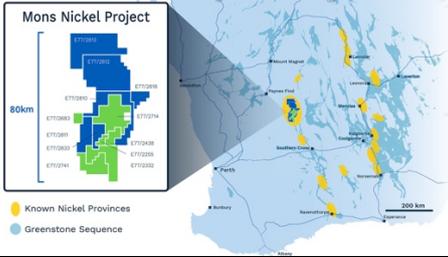


COMPANY OVERVIEW / FLAGSHIP PROJECT

Nimy Resources Limited (ASX: NIM) is Western Australian-focused mineral exploration company. NIM's key asset is the Mons Nickel Project. All licences are 100% held by Nimy Pty Ltd and no third-party royalties are present. The Mons Nickel Project consists of six granted exploration licences covering 202 graticular blocks (~600km²) and six exploration licence applications covering 390 graticular blocks (1,161km²) over a continuous north-south strike of approximately 80km. Once granted, the 12 contiguous exploration tenements will cover 1,761 km².



Nimy Resources' shares started trading on the Australian Securities Exchange (ASX) on 22 Nov 2021 after raising \$6.4 million (32.2 million NIM shares at \$0.20 per share).

KEY ELEMENTS OF NIMY RESOURCES' STRATEGY

1. Advance the Mons project using best practice exploration techniques, currently undertaking some extensive geophysical surveys to generate and refine targets ahead of drilling
2. Systematically explore for new prospects
3. Identify opportunities for partnerships with mid-tier and major mining companies
4. Evaluate the gold potential within the Mons nickel project

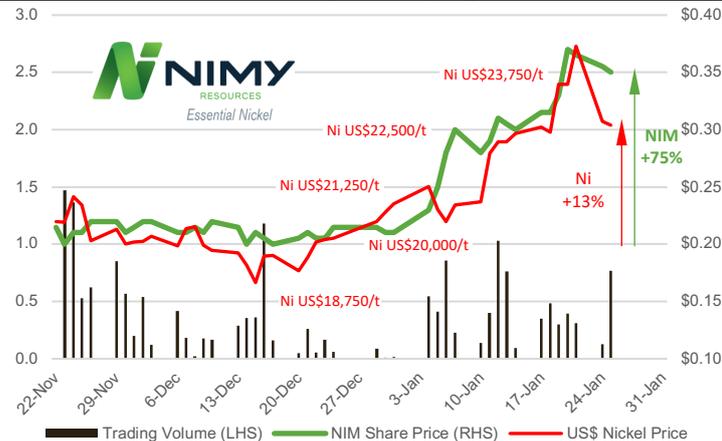
KEY OUTCOMES IF SUCCESSFUL

1. Confirm the prospectivity of a new nickel sulphide province
2. Discover significant nickel sulphide resources: either in the form of disseminated sulphide mineralisation or some massive sulphide deposits, potentially attracting the interest of some mid-tier or major mining companies
3. Add significant shareholder value through evaluation and development of one or more nickel/gold mineral resources

CORPORATE OVERVIEW (AUD)

Shares	114.3 million shares
Unquoted Options	5.15 million options @ \$0.30, exp. 24 Sep 2024 3.65 million options @ \$0.35 exp. 24 Sep 2025 3.65 million options @ \$0.40 exp. 24 Sep 2026
Share Price	\$0.365 (as at 21 st January 2022)
Market Cap.	\$41.7 million
Cash	\$6.4 million (from IPO in November 2021 @ \$0.20)

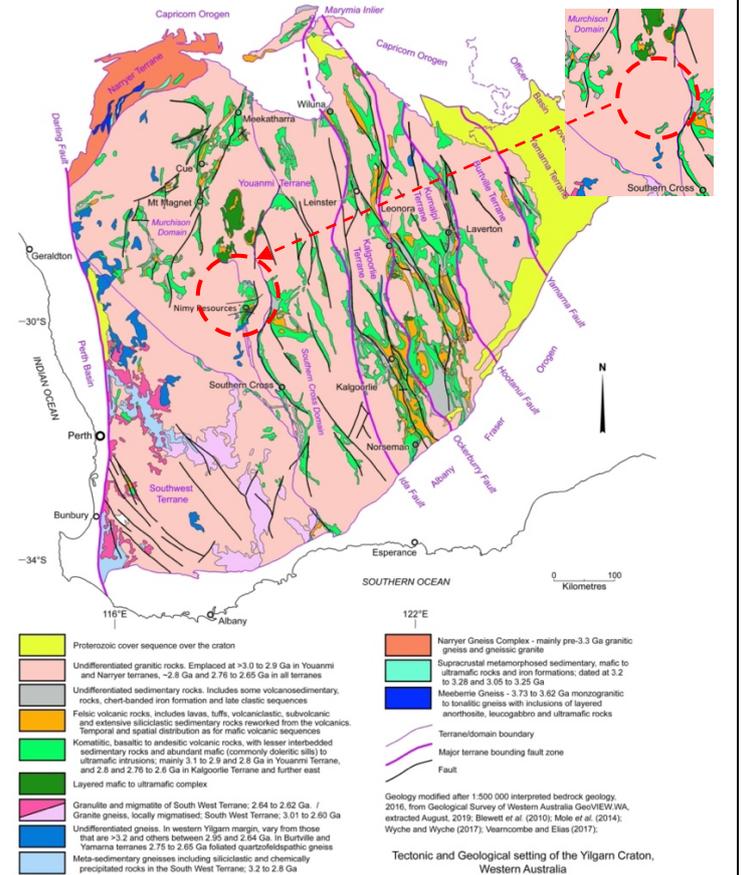
- ⇒ Successful Initial Public Offering (IPO)
- ⇒ Highly leveraged to exploration success
- ⇒ Well funded for its exploration programs



- ⇒ NIM share price displays some correlation with nickel price
- ⇒ Leverage: NIM ~5x Ni from \$0.20/US\$20,000t baseline

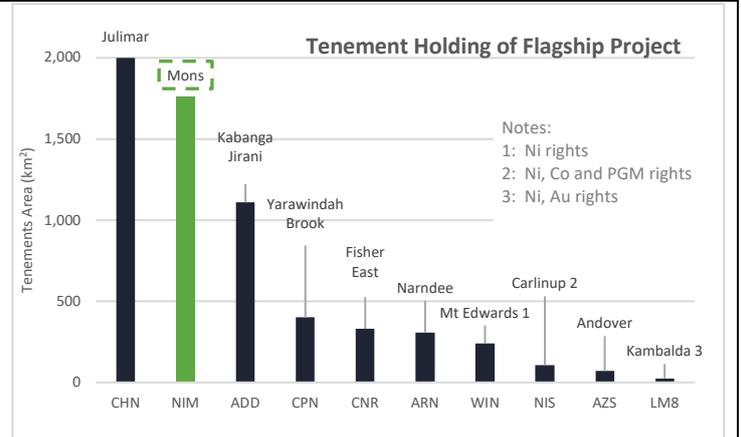
MONS NICKEL PROJECT LOCATION and GEOLOGY

The Mons Nickel Project is located in the north of the Central Wheatbelt district of Western Australia, approximately 70km north-east of Wialki. The project is located within the Youanmi Terrain of the Yilgarn Craton of Western Australia on the boundary of the Murchison and Southern Cross Domains. **Importantly, NIM identified a sequence of mafic/ultramafic intrusive rocks, which hadn't been previously mapped by the WA Geological Survey. See the map insert showing the original WA Geological Survey map from 1919.**



- ⇒ First mover advantage in a large section of a greenstone belt
- ⇒ Highly prospective geology for nickel, gold and copper
- ⇒ Underexplored (because previously unknown) greenstone district with large discovery potential, examples:
 - Chalice Mining (ASX: CHN): Julimar discovery in Western Yilgarn
 - De Grey Mining (ASX: DEG): Hemi discovery in Pilbara Craton
 - Gold Road Resources (ASX: GOR): Gruyere discovery in Yarmarna Belt

STRATEGIC TENEMENT HOLDING



- ⇒ Large strategic tenement holding
- ⇒ More opportunities for large and/or multiple discoveries

EXPLORATION WORK COMPLETED

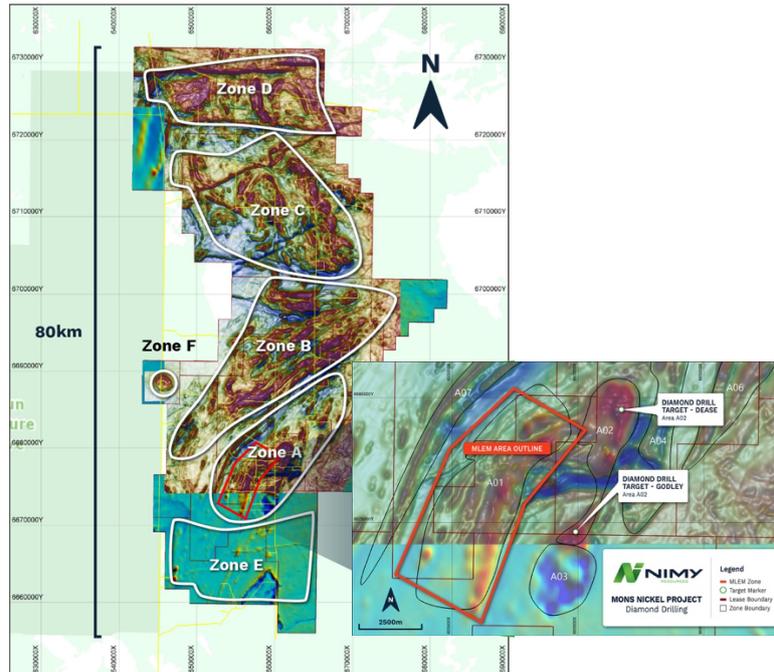
Geochemistry	<ul style="list-style-type: none"> Large scale surface geochemical exploration with 2,320 soil samples and 22 rock chip samples
Mapping	<ul style="list-style-type: none"> Detailed geological mapping
Geophysics	<ul style="list-style-type: none"> Updated aerial magnetics interpretation High-resolution ground magnetics fixed loop EM <p>⇒ Identification of conductive trends</p>
Geology	<ul style="list-style-type: none"> Detailed geology modelling through geochemistry analysis Geochemical and petrography analysis indicate three potential styles of nickel sulphide mineralisation (see Deposit Styles)
Drilling	<ul style="list-style-type: none"> Re-analysis of previous shallow drilling programs Targeted reverse circulation (RC) drilling <p>⇒ Intercepts of large-scale, thick flow mafic /ultramafic sequence</p>
Possible Deposit Styles	<ul style="list-style-type: none"> Kambalda-style komatiite high grade massive nickel sulphide deposits (most deposits of the Norseman-Wiluna belt) Forrestania style dunite-hosted nickel deposits. Forrestania has a mineral resource of 2.3 Mt @ 4.6% Ni for 103,000 t Ni, operated by Western Areas Ltd (ASX: WSA) currently subject of a take-over by IGO Limited (ASX: IGO) Low grade, high tonnage disseminated nickel deposit such as the Mt Keith mine operated by BHP (224 Mt @ 0.53% Ni for 1.19 Mt Ni) Shear hosted gold mineralisation Porphyry copper mineralisation

- ⇒ Preliminary exploration tools successfully deployed
 ⇒ Potential for a district scale fertile zone
 ⇒ Multiple nickel sulphide deposit styles to be discovered

NICKEL EXPLORATION STRATEGY

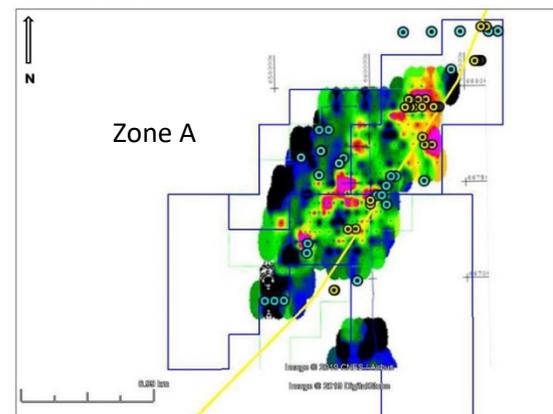
Geophysics	<ul style="list-style-type: none"> Testing the vertically stacked mafic/ultramafic sequence using the proven electromagnetic technique of Moving Loop EM (MLEM), which is the industry standard technique for bedrock conductor plate identification Aeromagnetic surveys – to be flown to complete the tenements coverage of high-resolution magnetic imagery, which will also assist in gold exploration
Geochemistry	<ul style="list-style-type: none"> Geochemical analysis of soil samples across the greater MLEM area to fine tune the conductor plate prior to drilling Regional sampling and regolith identification programs to expand the knowledge of the overall tenement holding
Drilling	<ul style="list-style-type: none"> Diamond and RC drilling to identify bedrock conductor plates from the MLEM results targeting nickel sulphide mineralisation
Staged Program	<ul style="list-style-type: none"> The above exploration tools will be staged across six zones, A to F. The zones have been defined based on the geological setting. Exploration results from one zone will enable the refinement of the exploration model at each stage further increasing the effectiveness of the programs across each of the zones and the overall tenement package

- ⇒ Current best industry standard for nickel sulphide exploration
 ⇒ Staged approach to optimise exploration expenditure



GOLD EXPLORATION STRATEGY

Figure 3.5 Heat map for anomalous auger gold, with yellow button = 5ppb to 83 ppb gold, blue button = bismuth surface anomaly and yellow line is greenstone magnetic boundary with greenstone (west) and granite (east)



Southeast-northwest fault coincides with gold anomalies

Geological Setting	<ul style="list-style-type: none"> The Mons Nickel Project is located on the boundary of the Youanmi and the Southern Cross Terrain with the Yilgarn Craton, which hosts many economic gold mines
Exploration Model	<ul style="list-style-type: none"> The current exploration modelling is based on the Penny gold mine (132km to the north) as the lithology and structure are similar. <ul style="list-style-type: none"> Penny Gold Mine: project acquired in 2020 (via Spectrum Metals' take-over for \$231m in cash and shares) and developed by Ramelius Resources Ltd (ASX: RMS) with mineral resource of 620,000t @ 15 g/t Au for 300,000 oz gold contained and ore reserve of 500,000t @ 14 g/t for 230,000 oz gold contained Youanmi Gold Project, 70% owned by Rox Resources Ltd (ASX: RXL) with a mineral resource estimate of 18.1 million tonnes @ 2.85 g/t for 1.7 million oz of gold contained

- ⇒ Early days but promising with potentially some high-grade gold discoveries down the track