

# ASX Listing Presentation

ACN 647 455 105

NORDICNICKEL, COM



#### **Disclaimer and Forward Looking Statements**

The release, publication or distribution of this presentation in certain jurisdictions may be restricted by law and therefore persons in such jurisdictions into which this presentation is released, published or distributed should inform themselves about and observe such restrictions.

#### DISCLAIMER

This presentation is for informational purposes only and does not constitute an offer to sell, or solicitation to purchase, any securities. Any failure to comply with these restrictions may constitute a violation of applicable securities laws. In providing this presentation Nordic Nickel Limited ("NNL") ACN 647 455 105 and its subsidiaries has not considered the financial position or needs of the recipient. Persons needing advice should consult their stockbroker, bank manager, solicitor, attorney, accountant or other independent financial and legal advisors.

#### FORWARD LOOKING STATEMENTS

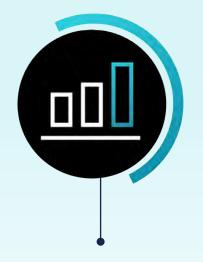
Various statements in this presentation constitute statements relating to intentions, future acts, events and exploration targets. Such statements are generally classified as "forward looking statements" and involve known and unknown risks, uncertainties and other important factors that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed herein. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates" and similar expressions are intended to identify forward-looking statements. NNL caution shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of NNL only as of the date of this presentation. The forward-looking statements made in this presentation relate only to events as of the date on which the statements are made.

#### **COMPETENT PERSON**

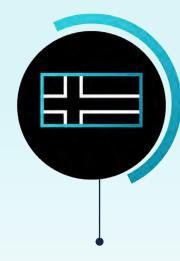
The information in this report that relates to exploration results is based on, and fairly represents, information and supporting documentation compiled by Lachlan Rutherford (PhD, MBA). Dr Rutherford is a competent person who is a member of the Australian Institute of Mining & Metallurgy, and a consultant to the Company. Dr Rutherford has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a competent person as defined in the 2012 edition of the JORC Code. Dr Rutherford consents to the inclusion of the matters based in this Presentation on his information noted in the form and context in which it appears.

### Critical minerals at a critical time





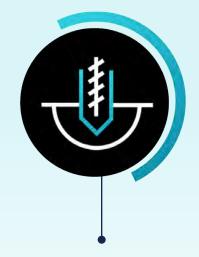






Demand for high purity, class 1 nickel sulphides expected to grow to 1.8Mt by 2040 (representing a 13.5% CAGR with 95% going to EV's)<sup>1</sup> Securing supply in Europe of battery minerals is a strategic priority. Finland is incentivising battery minerals projects through a National Battery Strategy.

Robust legal & permitting regime, with high environmental standards ensuring best practice ESG responsibility and product traceability, to the benefit of all stakeholders. Central Lapland Greenstone Belt (CLGB) of Finland is highly prospective for high purity, class 1 nickel sulphides and other metals critical to decarbonisation.



Nordic Nickel has rights over 425km<sup>2</sup> of exploration and reservation tenements in CLGB.



## Nordic Nickel Limited

Sec

±20 84 10.00



#### Highly prospective, drill ready exploration pipeline in Finland

- Nordic Nickel Limited (ASX:NNL) has secured a district scale holding of previously explored and highly prospective nickel sulphide tenements in the world class Central Lapland Greenstone Belt (CLGB) of Finland.
- In partnership with local stakeholders, NNL will utilise modern exploration techniques on drill ready targets, intending to expand known mineralisation and ultimately develop traceable, sustainably sourced, low carbon, high purity, class 1 nickel sulphides and other battery minerals.
- NNL has raised AU\$12,000,000 to commence the diamond drilling and geophysical exploration program.
- NNL offers attractive opportunities for growth over the short, medium and long term due to:
  - Enormous growth in class 1 nickel demand forecast from electrification of transportation sector;
  - Comprehensive drill ready exploration targets with impressive historic intersections;
  - ✓ Supportive mining jurisdiction with first class partners in country;
  - Early engagement with Finnish partners and local stakeholders based on the commitment that the project must offer net benefits to the local municipality, to Finland and to the global need for these critical metals;
  - Experienced corporate and technical team.

### Finland - Central Lapland Greenstone Belt



### One of the most active geological districts in the world for nickel sulphide

- One of largest Paleoproterozoic greenstone belts globally
- Focus of much of the nickel exploration activity in Finland over the past 10 years.
- CLGB is increasingly populated by mid to large cap miners.
- Home to world class gold and base metal deposits including:
  - 7.4Moz Kittilä gold mine (Agnico-Eagle)
  - 307Mt Kevitsa Ni-Cu-Au mine (Boliden)
  - 44Mt Sakatti high grade Cu-Ni-PGE project (Anglo American)
- CLGB geology extends to Russia's Pechenga Greenstone Belt, host to several more Ni-Cu sulphide deposits.



### Projects



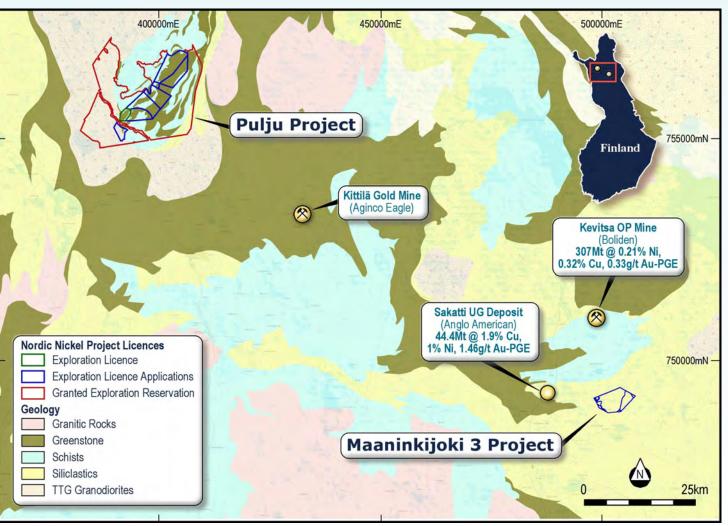
#### Focused on highly prospective Central Lapland Greenstone Belt

#### Pulju Nickel Project (100%)

- Extensive, nickel-rich cumulate system.
- Wide intersections of near surface disseminated nickel sulphides with high grade massive sulphides encountered.
- Previous shallow drilling only.

#### Maaninkijoki 3 (MJ3) Nickel Project

- Proximity and similar ultramafic lithologies to Sakatti deposit.
- Promising magnetic, gravimetric and geochemical surveys.
- Right to earn a 75% interest.



### Experienced & dedicated Nordic Nickel team





#### Marcello Cardaci

#### Non-Executive Chairman

- Former partner of Gilbert & Tobin's Corporate Advisory Group.
- 25 years' experience advising public and private equity fund raisings, M&A and divestment.
- Extensive experience on capital raisings, takeovers, schemes of arrangements and joint ventures.
- Current directorships include ASX listed Altamin Limited and Manhattan Corporation Ltd.
- Holds degrees in Law (BJuris, LLB) and Commerce (BCom).



#### Todd Ross

#### Managing Director & CEO

- Over 23 years' experience in finance, derivatives and corporate advisory within the Natural Resources sector.
- Former Managing Director and Head of Western Australia for BNP Paribas.
- Specialist in project and acquisition financings across range of commodities across multiple jurisdictions.
- Previous roles include Senior Positions at BNP Paribas, Westpac, Royal Bank of Canada, CBA and Oakvale Capital.
- Holds a Bachelor of Business from Edith Cowan University and a Graduate Diploma in Applied Finance & Investment from FINSIA.



#### Robert Wrixon

#### Executive Director

- Over 20 years' experience in corporate strategy, mining M&A and mineral exploration.
- Director of Starboard Global Ltd, private equity and incubation of projects in the metals and mining sector.
- Current directorships include Rafaella Resources Ltd, Emmerson PLC.
- PhD in mineral engineering from the University of California, Berkeley.



#### Juho Haverinen

#### Non-Executive Director

- Over ten years' experience in planning and overseeing mineral exploration in Finland.
- Currently Head of Exploration for Magnus Minerals Oy.
- Significant experience in Finland conducting exploration joint ventures with major multinational mining companies.
- Member of the Board of the Finnish Mining Association (FinnMin) from 2016-21 and a Board member of Magnus Minerals Oy.
- Holds both BSc and MSc degrees in Geology from the University of Helsinki.



#### Aaron Bertolatti

#### Company Secretary & CFO

- Qualified Chartered Accountant and Company Secretary with over 15 years' experience.
- Significant experience in the administration of ASX listed companies, corporate governance and corporate finance.
- Previously CFO of Highfield Resources Ltd and American Pacific Borates Ltd.

### Key Partners in Finland

#### In-country experts

- Drill rigs in Finland are in exceptionally high demand.
- Nordic Nickel has partnered with leading Finnish drilling Company Kati Drilling.
- Secured exclusive use of new diamond drill rig for a 3-year period.
- Ensures drilling can progress at the projects on desired timelines.
- **Magnus Minerals** is a leading private Finnish geological consulting company with decades of experience in community engagement and exploration management in Finland.
- Magnus is both a major shareholder and a provider of in country technical geological and exploration services to Nordic Nickel.









## Capital Structure at IPO

### Capital Structure at IPO



## Clean structure with strong investor and broker support

The Company has raised A\$12,000,000 at A\$0.25 for 48,000,000 shares.



Shares on issue and Market Capitalisation								
	Maximum (A\$12M)							
Offer price per share	\$0.25							
SHARES								
Shares currently on issue	67,225,006							
Shares to be issued	48,000,000							
Total Shares on Issue	115,225,006							
Other Securities								
Options	13,750,000							
Capitalisation Metrics								
Gross Product of Offer	A\$12,000,000							
Market Capitalisation (undiluted)	A\$28,806,252							
Enterprise Value	A\$16,806,252							



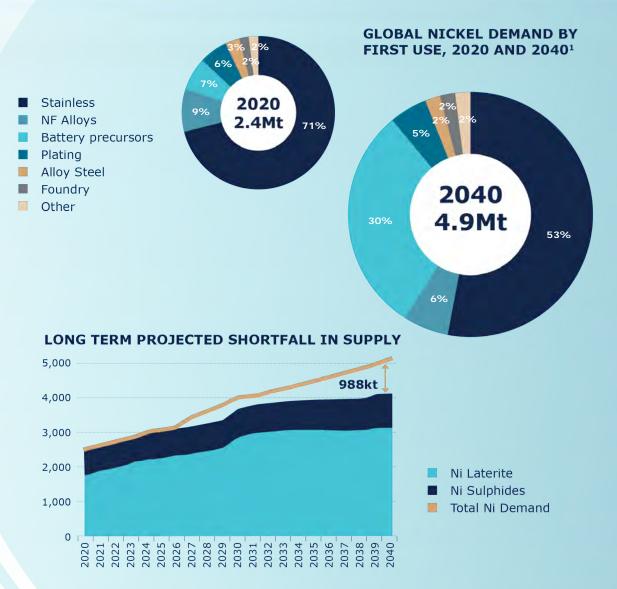
## Market Fundamentals

### **Compelling Market Fundamentals**



### Forecast strong growth in NiS demand driven by the energy transition

- Energy transition to decarbonise and reach net zero by 2050 leading to unprecedented demand for battery metals.
- Electrification of transport sector expected to see EV sales exceed 49 million by 2040<sup>1</sup>.
- Majority of nickel market growth coming from batteries (requiring class 1 nickel) rather than stainless steel.
- Total nickel consumption to reach 5Mt by 2040 of which 36% (1.8Mt) required from class 1 nickel sulphide for EV (CAGR of 13.5%)<sup>1</sup>.
- 10 probable new mine projects by 2025 adding 175kt nickel. Only 5 are nickel sulphides<sup>1</sup>.
- Structural deficit in nickel market post-2027<sup>1</sup> must be filled by significant new discoveries.



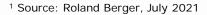
### Europe a hub for Ni and Batteries

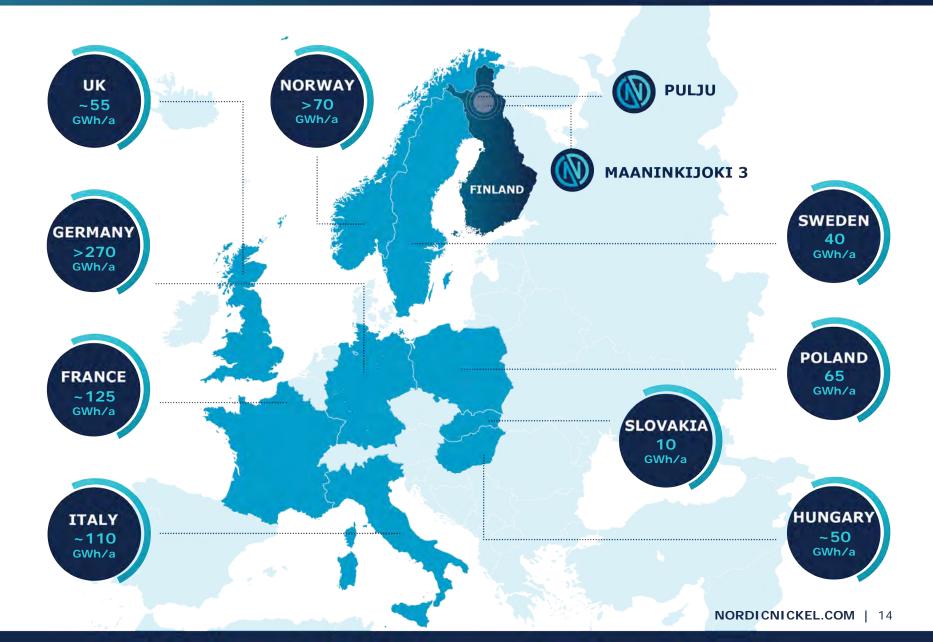


Europe is the fastest growing region for battery cell production

More than **1,000 GWh/a** capacity announced to 2030<sup>1</sup>

Gigafactory commitments in Nordic Region alone account for over 20% of planned battery cell production in Europe





### Nordic Region vital for Ni Matte and Ni Cathode



Ni-Cu-Zn-

Ni-Cu-Au

Ni 66,0000tpa

Ni 37,000tpa

Ni 19,000 tpa

6.25Mtpa

Со

Sotkamo

Sodankyla

elter Capacity

BASF

40 GWh/a

60 GWh/a

2022

Ni-Zn-Co-Cu

Ni-Cu-Ag-Au

Significant existin mining, refining and smelting capacity in the region

Finland and Norway host the entirety of European Ni smelting/refining capacity

ng J						×				Finland – Nickel Mines Company Mine Lo			
					and the second s		2		Terrafame	Talvivaara	So		
						5			Boliden	Kevitsa	So		
	Norway –	Battery Productio	n Capacity		and the first of t								
	Company	Construction Date	Capacity	•		1. A A A A A A A A A A A A A A A A A A A		0	Finland – Re	finery & Smelte	er Capac		
	Freyr	2023	40 GWh/a	-	5				Company	Location	Metal		
	Morrow	2024	32 GWh/a		5		Mary -		Nornickel (refinery)	Harjavalta	Ni-Co		
	Panasonic	ТВА	ТВА			-100			Terrafame	Sotkamo	Ni-Zn-		
		748		<u> </u>	Õ				(smelter, refinery)	Sotkamo	M-Zn-		
	Norway – Re	efinery Capacity				1		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Boliden (smelter)	Harjavalta	Ni-Cu-		
r	Company	Location	Metals	Capacity				~_{}^ ^ ^ ^	Jervois Mining	Kokkola	Со		
9	Nikkelverk	Kristiansand	Ni-Cu-Co Refinery	Ni, 92,000tpa	5.5				1.				
						•			Finland – Ca	thode Plant Cap	bacity		
	2				Sweden – I	Battery Production	Capacity		Company	Construction Date	n c		
					Company	Construction Date	Capacity		Johnson Matthey	2024	3		

Northvolt 1

Northvolt 2

2021

2024

30.000tn

~400k EV units

### Finland

## All the ingredients across battery metals value chain

- One of the first countries in the world to unveil a National Battery Strategy.
- Prospective geology in all battery metals, world class infrastructure and a skilled labour force.
- Stable and supportive government with well established mining industry and credit rating of AA+.
- Ranked in top 10 of 2020 Fraser Institute's Annual Survey of mining investment attractiveness.
- Already hosts two globally significant nickel mines.



Source: Finland National Battery Strategy 2025 (Jan 21)

"We are eager to build dialogue with other countries on halving transport emissions by 2030 and, in connection to this goal, on developing a sustainable battery industry. Responsible operations, traceability, safety and carbon neutrality are guiding principles for the Finnish battery sector – from minerals to recycling."

Minister of Economic Affairs Mika Lintilä



## Pulju Project

### Pulju Project



# One granted EL, seven ELAs with large reservation area. Community engagement has commenced.

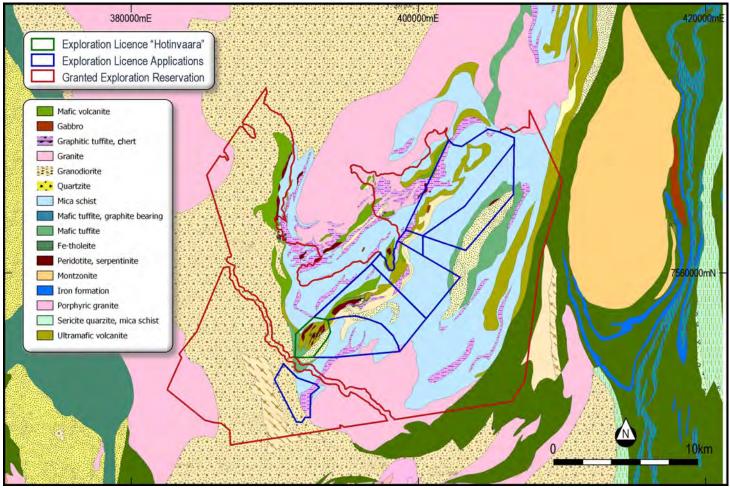
- Widespread nickel sulphide mineralisation based on historic drilling, within a district scale land package.
- Under-explored Central Lapland Greenstone Belt (CLGM) known to host world class nickel sulphide deposits.
- 51 holes drilled at the Hotinvaara prospect within Pulju Project by Outokumpu (1982-1998) looking for near surface nickel – historic assay database only became available in 2021.
- Dual exploration targets:
  - near surface disseminated nickel sulphides, with widespread thick (>100m) intersections already drilled; and veins already intersected
  - ii. deeper high grade massive sulphide lenses, with high Ni tenor.
- Previous drilling mostly shallow, with no downhole EM, so modern geophysics will provide significant additional information.



### Pulju Regional Geology



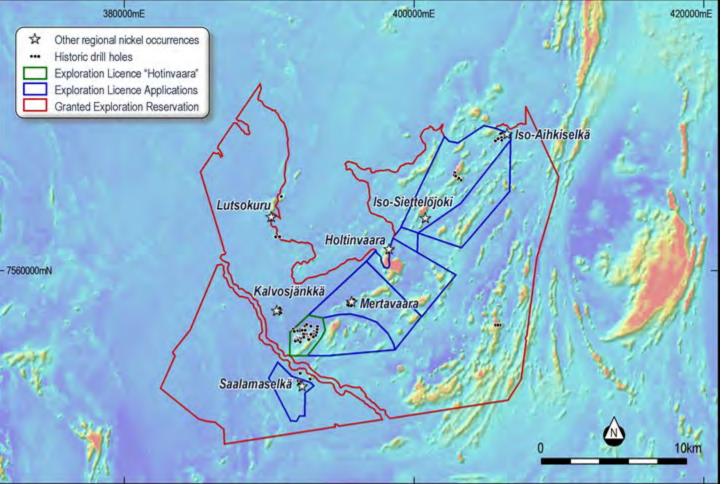
- Mafic-ultramafic lithologies interpreted to be similar to the host rock at the Sakatti deposit.
- Nickel occurrences throughout the belt - coincident with the ultramafic host rocks.
- Nordic Nickel has rights over most of the greenstone belt at Pulju (395km<sup>2</sup>).
- Primary focus initially on the granted Hotinvaara Licence area, and the "Eastern Limb" of the Pulju greenstone belt.



Source: GTK regional geology map

### Pulju Regional Magnetics

- Nickel occurrences at Pulju are both coincident with the ultramafic lithologies and generally associated with magnetic highs.
- Magnetic anomalies correlate to the ultramafic rocks and represent ~25km of continuous prospective strike along the Eastern Limb alone.
- At Sakatti, the main massive sulphide lens lies near the basal contact of the cumulate sequence which is yet to be tested at Pulju.



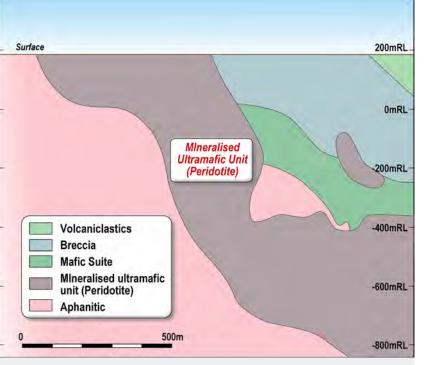
Source: GTK regional magnetic survey

### Pulju - A Sakatti Analogue?



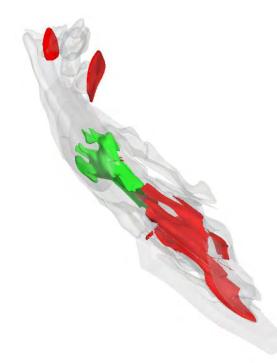
#### Similarites mean exploration strategies from Sakatti are applicable at Hotinvaara

- Accumulations of disseminated nickel found near surface at both projects.
- Massive sulphide intersections encountered amongst disseminated nickel.
- NiS blebs observed to be increasing in size as depth increases at Hotinvaara.
- Downhole EM was utilised to track massive sulphides deeper at Sakatti (yet to be extensively undertaken at Pulju).



Long section of Sakatti orebody showing lateral and depth extent of the main mineralised ultramafic (Peridotite) unit (view is approximately to the south)

Source: Brownscombe et al, 2015



Plunge –04 Azimuth 234

3D image of Sakatti orebody showing Red: Massive Sulphides, Grey: Disseminated Sulphides, Green: Stockwork vein sulphides (view is approximately to the south)

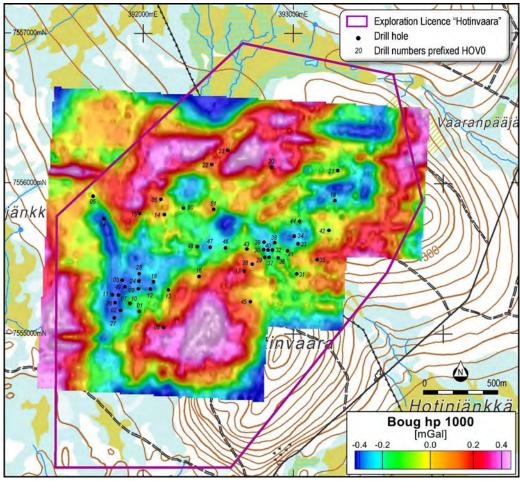
Source: Pelayo Barron Thesis, 2020

### Pulju: Historic Drilling Locations



#### Historic drilling within the Hotinvaara licence

- Outokumpu drilled 51 holes between 1982 and 1998.
- Focus was near surface nickel targets for open pit operations.
- NNL has access to old core and pulps at Finnish National Core Archive.
- Re-sampling and re-assaying of all holes has been completed and compared to the historic results.
- Almost all holes were drilled to 200-300m depth and none incorporated downhole geophysics.
- Many holes terminated in mineralisation due to Outokumpu's sole focus on open pit potential.
- Hotinvaara represents 5km<sup>2</sup> (less than 2% of Pulju Project).



Source: Company gravimetric survey; GTK historic drilling datset.

Location of historic drilling at the Hotinvaara licence, shown over gravity survey. Almost all the historic drilling was inclined, at a dip of 60 degrees.

### Pulju: Historic Drill Results from Hotinvaara



#### Selected near surface disseminated nickel intersections\*

97m @ 0.33% Ni from 102m in HOV-007 incl. 18m @ 0.70% Ni from 163m; and incl. 2.2m @ 1.33% Ni from 169.5m

122m @ 0.25% Ni from 33m in HOV-009

108m @ 0.26% Ni from 98m in HOV-010

74m @ 0.25% Ni from 148m in HOV-011

109m @ 0.25% Ni from 41m in HOV-014

76m @ 0.24% Ni from 37m in HOV-018

67m @ 0.21% Ni from 115m in HOV-022

96m @ 0.27% Ni from 150m in HOV-026

83m @ 0.22% Ni from 139m in HOV-028

50m @ 0.28% Ni from 101m in HOV-030 incl. 2m @ 1.19% Ni from 142m

36m @ 0.33% Ni from 172m in HOV-032

79m @ 0.26% Ni from 60m in HOV-034

141m @ 0.27% Ni from 86m in HOV-040

#### 143m @ 0.21% Ni from 161m in HOV-043

56m @ 0.28% Ni from 66m n HOV-49

#### Massive sulphide intersections\*

0.26m @ 9.61% Ni, 0.17% Cu and 0.36% Co from 147.37m in HOV-032

0.90m @ 4.98% Ni, 0.03% Cu and 0.14% Co from 190.40m in HOV-032

1.56m @ 1.88% Ni, 0.03% Cu and 0.06% Co from 193.3M in HOV-037

0.17m @ 2.78% Ni, 0.02% Cu and 0.08% Co from 44.8m in HOV-038

0.32m @ 5.03% Ni, 0.06% Cu and 0.24% Co from 45.7m in HOV-039

0.13m @ 3.79% Ni, 0.07% Cu and 0.11% Co from 398.95m in HOV-040

0.85m @ 1.72% Ni, 0.02% Cu and 0.05% Co from 182.3m in HOV-043

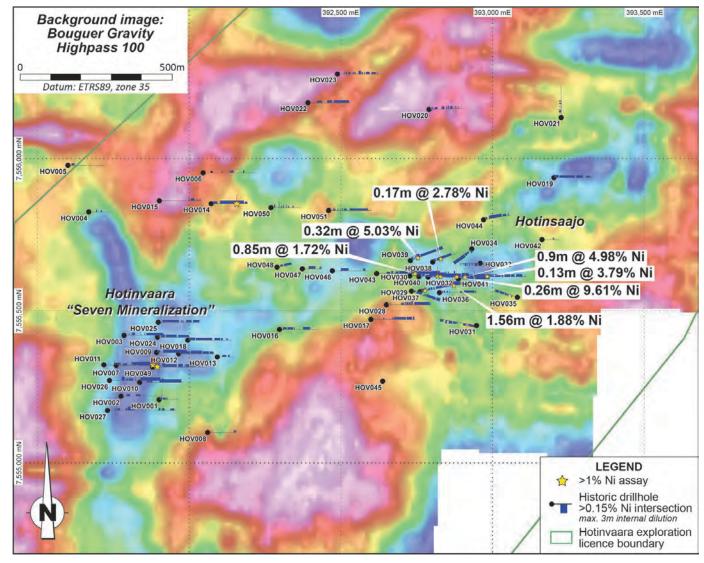
- Near surface disseminated nickel sulphide mineralisation is widespread, remaining open along strike and at depth.
- Massive sulphide intersections are high grade and yet to be fully surveyed by downhole EM – NNL surveyed 3 holes during 2021.
- NNL has commenced a JORC compliant resource estimation based on available information –
  - exploration target completed;
  - On average, 78% of total nickel assays contained in sulphides based on over 300 Niin-S assays to date;
  - Additional chemical and mineralogical analysis underway and will be incorporated prior to finalisation of the JORC resource.

\* Complete set of historic drilling results available in the ITAR section of the Company's IPO Prospectus dated 8 April 2022

### Pulju: Drill traces with Ni assays over gravity



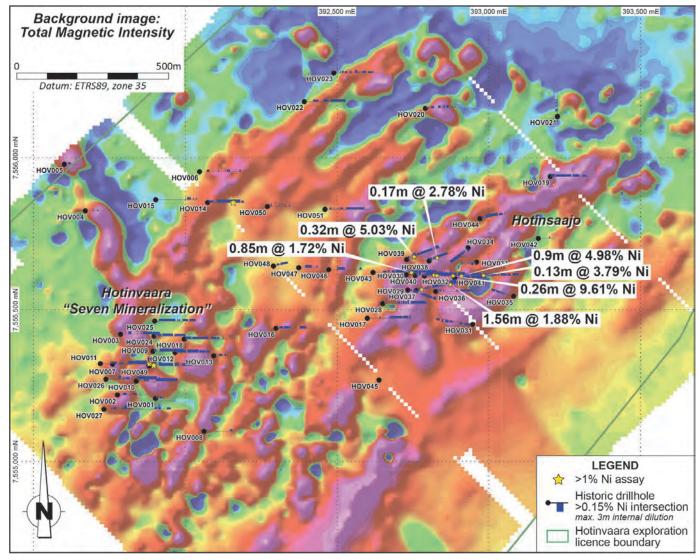
- Previous drilling focused on areas of lower gravity response (nickel mineralisation associated with serpentinisation in the shallow host rock).
- Step out drilling along the gravity low channels has the potential to expand the near surface mineralisation zones.



Source: Company gravimetric survey; Company core sample assays; GTK historic drilling dataset.

### Pulju: Drill traces with Ni assays over magnetics

- Higher grade nickel mineralisation has good correlation with the stronger magnetic highs.
- Geophysics is a powerful tool at Pulju: the company is not drilling blind in the upcoming drill program.



Source: Company ground magnetic survey; Company core sample assays; GTK historic drilling dataset.

### Hotinvaara Cross Section and Conceptual Exploration Target



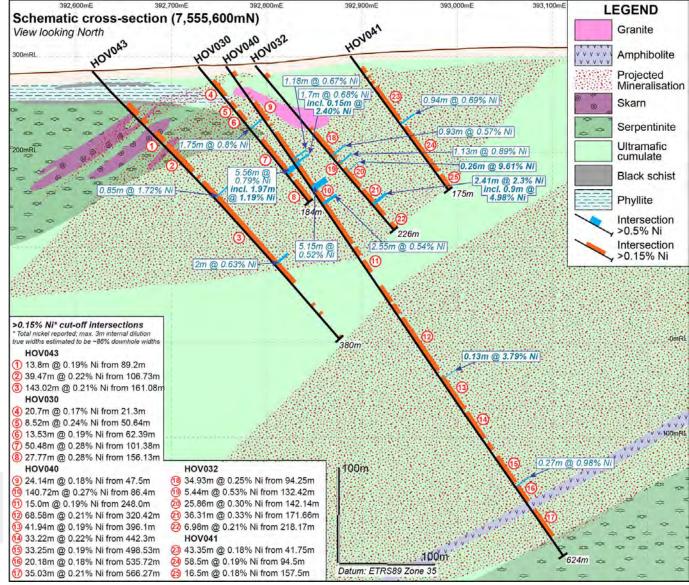
A conceptual Exploration Target for the Hotinvaara licence area has been compiled based on drilling to date additional infill and extensional drilling is required to confirm validity of this conceptual Exploration Target:

 150-180Mt @ 0.22-0.27% Ni and 94– 114ppm Co for 323,000-482,000 tonnes contained Nickel and 13,800-20,700 tonnes contained Cobalt.

The potential quantity and grade of this Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

> Schematic geological cross section from Hotinsaajo area within the Hotinvaara licence\*

\* Complete set of historic drilling results available in the ITAR section of the Company's IPO Prospectus dated 8 April 2022

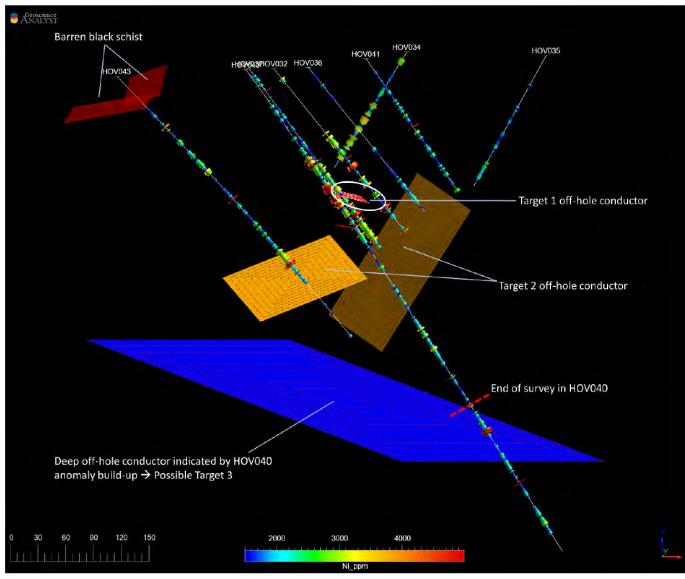


Source: Company core sample assays; GTK historic drilling dataset; Company core logging.

### Hotinvaara Borehole EM (BHEM) Results



- 12-15 drillholes remain open for BHEM at Hotinvaara, only 3 surveyed to date, all in the Hotinsaajo area.
- High conductance off-hole conductor (35m x 35m) located in front of HOV-40 at 155m depth
  - intersects the 5% Ni massive sulphide intersection in HOV-32.
- High conductance off-hole conductor on northern side of measured drillholes is modelled at 200m depth.
- Continuation of projected conductivity is demonstrated, the mineralisation extends below current extent of drilling.
- Remaining open holes will be surveyed during the summer of 2022.

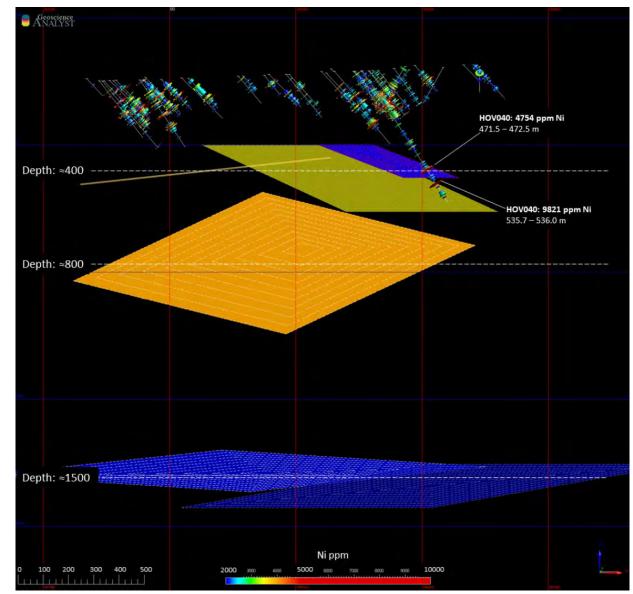


Source: Company borehole EM surveys x 3; Company core sample assays; GTK historic drilling dataset.

### Hotinvaara Fixed Loop EM (FLEM) Results



- Two large FLEM loops undertaken in December 2021.
- Large deep-seated conductors observed at about 400m, 800m and 1500m depth.
- Deepest historic drillhole (HOV040) reaches 550m vertical depth and was terminated still within the mineralized ultramafic cumulate.
- Conductor at 400m depth (blue plate) correlates well with the deeper plate identified from BHEM results, and is underlain with a larger, slightly deeper target (green plate).
- Conductor at 800m depth (yellow plate) is large (1.2km x 1km).
- Flat lying conductor(s) at 1500m may be at the base of the cumulate layer.

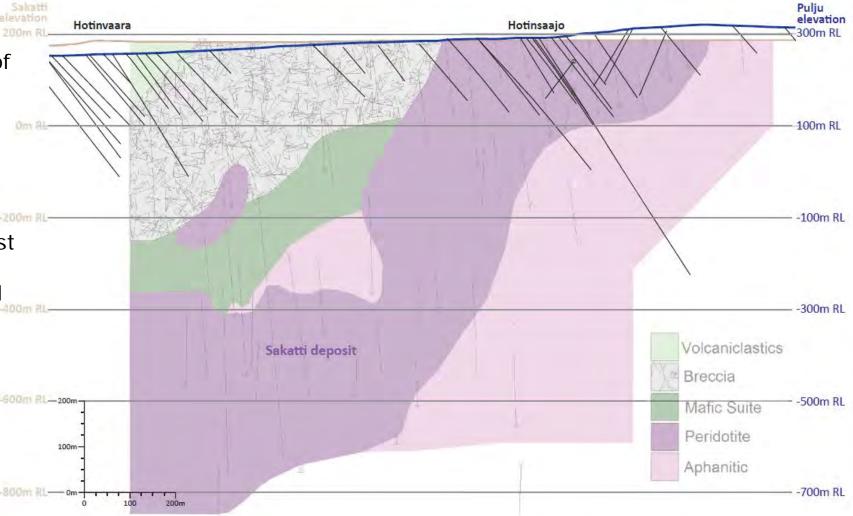


Source: Company FLEM survey; Company core sample assays; GTK historic drilling dataset. NORDI

### Historic Drilling at Hotinvaara vs Sakatti long section



- At Sakatti, the main part of the deposit lies between 600-900m below surface.
- Drilling at Hotinvaara has yet to test any deeper targets.
- It is intended to drill at least two vertical stratigraphic holes early in the Pulju drill program to provide better lithological information at depth.



Sakatti - W-NW to E-SE section (view is approximately to the north) Pulju - W-SW to E-ENE section (view is approximately to the north)



## Maaninkijoki 3 (MJ3) Project

### Maaninkijoki 3 Project

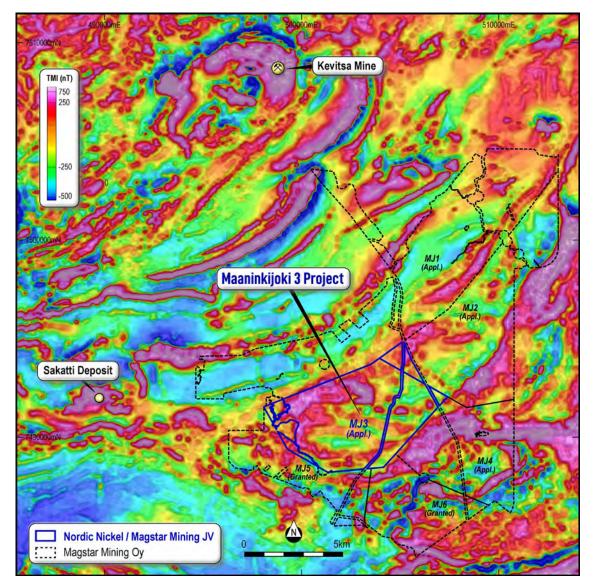
#### 30km<sup>2</sup> exploration licence application

- NNL has an earn-in agreement over MJ3 to acquire up to 75% of project in two stages.
- MJ3 is prospective for either intrusive hosted or komatiite hosted magmatic nickel sulphide mineralisation.
- Proximity to Sakatti deposit, and the potential for buried intrusive systems similar to Sakatti or Kevitsa, make for a compelling exploration play.
- As with Pulju, once MJ3 licence is granted, plan is for early community engagement alongside Finnish partners and stakeholders.



### Maaninkijoki 3 Project





- MJ3 contained the highest copper and nickel anomalies in the region based on recent baseof-till geochemical sampling by Anglo American.
- Region has mining and development activity:
  - Ni-Cu-Co-PGE mining operations at Kevitsa (Boliden)
  - Ni-Cu-Co-PGE development at Sakatti (Anglo American)
- The tenements surrounding MJ3 are also likely to become highly active for exploration:
  - Magstar have informed NNL that MJ1 and MJ2 are now also subject to an earn-in agreement with a third party.
  - MagStar also intend to drill at MJ6 commencing September 2022.

Source: GTK regional magnetic survey survey; TUKES tenement data.

## Commitment to ESG and widespread community benefit



- Nickel, copper and cobalt are critical for decarbonising the economy through high end batteries for electric vehicles. To maximise net benefits, upstream exploration and production must also be managed as responsibly as possible.
- Nordic Nickel is committed to discovering and developing sustainably and ethically sourced, traceable battery minerals based on best practice Environmental, Social and Governance (ESG) principles.
- To ensure transparent, measurable and responsible operations, Nordic Nickel has commenced ESG reporting using leading impact and ESG measurement platform **Socialsuite** and will make disclosures against the World Economic Forum's ESG framework.
- To be a success, a project must deliver net benefits to the world, the country and local community.



#### **Environmental**

- Finland has strong rule of law and a robust environmental regime; ideal jurisdiction for ensuring upstream sustainability and downstream traceability.
- Initial meeting held with the Lapland Centre for Economic Development, Transport and the Environment (ELY) regarding Pulju.



#### Governance

- Finland's clear permitting regime is built around strong governance.
- ESG framework using the **Socialsuite** platform will allow for transparent and comprehensive reporting.



#### Social and Community

- Both directly and through its partners in Finland, NNL has held preliminary meetings with stakeholders to ensure early and active community and stakeholder engagement.
- Local Level: Initial meetings held with the local reindeer herding communities, the Lapland ELY Centre and the local municipality at Kittilä (for Pulju).
- **National Level:** Meetings held with the Finnish Safety and Chemicals Agency (TUKES), Forestry Department (Metsähallitus, the owners of the land at Pulju).

Socialsuite



## 2022/2023 Plan

### Targeting Bonanza Massive Sulphides

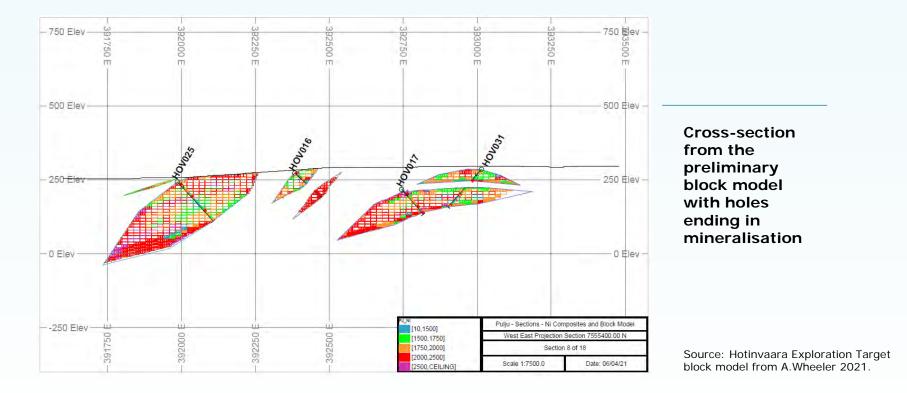




- Targeting both near surface and deeper massive sulphides.
- High-grade massive and semimassive nickel sulphide intersections found at relatively shallow depths are to be tracked using BHEM.
- Deeper FLEM targets to be refined using lithological cross sections, mapping of existing massive sulphides intersected to date, Moving Loop EM and stratigraphic drill holes plus further downhole EM in summer 2022.
- Stratigraphic holes will test the base of the cumulate layer when drilling commences in January 2023.

### **Expand Near Surface Resource**

- Targeting lateral and depth extensions to expand the existing near surface disseminated nickel sulphide resource.
- Mineralisation is open in multiple directions. A near surface "Kevitsa-style" resource is targeted.
- Extensions and additional targets of near surface nickel mineralisation are expected to be coincident with known magnetic highs and gravity lows.
- Most of the historic holes ended in mineralisation, so extensions at depth will be tested.





### **Exploration Plan**



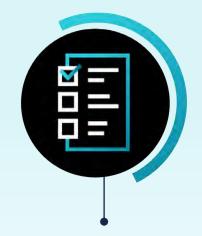


Using industry bestpractice, **enabled by early and transparent community engagement**, the Company will explore the Pulju Project using modern techniques to optimise the probability of discovering economic quantities of critical metals such as Nickel and associated minerals including Copper and Cobalt.



#### **Spending A\$6M-7M** on exploration drilling and geophysics at Pulju over the next 24mths.

**Detailed geophysical exploration** program at Maaninkijoki 3 to define initial drill targets.



#### 2022 plan for Pulju summarized as follows:

- Preliminary metallurgical (chemical and mineralogical) analysis (AZTEC).
- Maiden near surface Ni resource estimate for Hotinvaara.
- Re-logging, sampling and assaying of the Pulju core outside of Hotinvaara (6 other drilled Ni occurrences, approx 30 holes).
- Complete downhole EM surveys on the remaining 10-12 open holes at Hotinvaara.
- Moving Loop EM to clarify the near surface massive sulphides indicated by previous drilling and the downhole EM.
- Combine the Slingram, BHEM, FLEM and MLEM results to complete a 3D EM profile map of Hotinvaara for the drill program set to commence in January 2023.
- Plan is to drill throughout the entire 2023 at Hotinvaara (approx. 20,000m)



Level 12, 197 St Georges Terrace Perth, Western Australia 6000 info@nordicnickel.com NORDICNICKEL.COM

**Contact Information** 

Todd Ross Managing Director