



# METALS FOR THE NEW GREEN ECONOMY

NOV 2021



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UNLESS OTHERWISE INDICATED, NICKEL CREEK PLATINUM CORP. HAS PREPARED THE SCIENTIFIC AND TECHNICAL INFORMATION IN THIS PRESENTATION (COLLECTIVELY, THE "TECHNICAL INFORMATION") BASED ON INFORMATION CONTAINED IN (I) THE COMPANY'S NEWS RELEASE DATED SEPTEMBER 25, 2018 ["NICKEL CREEK PROVIDES UPDATE ON NICKEL SHAW PROJECT"] INCLUDING THE UPDATED RESOURCE ESTIMATE ("THE RESOURCE") AS PREPARED BY JOHN MAREK RM-SME, PROFESSIONAL ENGINEER YUKON TERRITORY, AND (II) THE COMPANY'S PRIOR TECHNICAL REPORT, ENTITLED, "2017 MINERAL RESOURCE ESTIMATE ON THE WELLGREEN NI-CU-PGM PROJECT, YUKON CANADA", DATED EFFECTIVE JUNE 26, 2017 AND PREPARED BY JOHN MAREK, P. GEO., INDEPENDENT MINING CONSULTANTS INC., LYN JONES, P. ENG., AGP MINING CONSULTANTS INC., GORDON ZUROWSKI, P. ENG., AGP MINING CONSULTANTS INC., AND HEIDA MANI, MSC., MBA, GEMS, ALL OF WHOM ARE INDEPENDENT QUALIFIED PERSONS IN ACCORDANCE WITH NI 43-101, AND (III) THE COMPANY'S NEWS RELEASES DATED MARCH 1, 2017 ["WELLGREEN PLATINUM ANNOUNCES RESULTS OF METALLURGICAL TESTWORK"] AND JULY 10, 2018 ["NICKEL CREEK SUCCEEDS AT SEPARATING NICKEL AND COPPER CONCENTRATES FOR NICKEL SHAW PROJECT"] (COLLECTIVELY, THE "DISCLOSURE DOCUMENTS"). THE DISCLOSURE DOCUMENTS ARE AVAILABLE UNDER THE COMPANY'S PROFILE ON SEDAR AT [WWW.SEDAR.COM](http://WWW.SEDAR.COM). FOR READERS TO FULLY UNDERSTAND THE INFORMATION IN THIS PRESENTATION, THEY SHOULD READ THE DISCLOSURE DOCUMENTS IN THEIR ENTIRETY, INCLUDING ALL QUALIFICATIONS, ASSUMPTIONS AND EXCLUSIONS THAT RELATE TO THE INFORMATION SET OUT IN THIS PRESENTATION THAT QUALIFIES THE TECHNICAL INFORMATION. READERS ARE ADVISED THAT MINERAL RESOURCES ARE NOT MINERAL RESERVES BECAUSE THEY DO NOT HAVE DEMONSTRATED ECONOMIC VIABILITY. THE DISCLOSURE DOCUMENTS ARE EACH INTENDED TO BE READ AS A WHOLE, AND SECTIONS SHOULD NOT BE READ OR RELIED UPON OUT OF CONTEXT. THE TECHNICAL INFORMATION IS SUBJECT TO THE ASSUMPTIONS AND QUALIFICATIONS CONTAINED IN THE DISCLOSURE DOCUMENTS.

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ALL FIGURES ARE EXPRESSED IN **US DOLLARS** UNLESS OTHERWISE NOTED.

# WHY NICKEL CREEK PLATINUM?



Nickel Shāw Project hosts the Wellgreen deposit, one of the world's **largest undeveloped nickel-copper sulphide and platinum-group metals deposits.**



**Strong support from the Kluane First Nation and the government** in Canada's Yukon Territory, a **safe mining jurisdiction.**



Canada's Yukon Territory has **excellent infrastructure and route to market access.**



Nickel sulphide deposits remain the **world's most environmentally friendly source of Class I Nickel supply** for batteries and the new green economy.



Large 146 km<sup>2</sup> land package with massive nickel sulphide targets found along a **highly prospective 18-km trend.**



Solid long-term backing from **large institutional shareholders.**

“Mining companies out there, **please mine more nickel.**”

– Elon Musk, Tesla CEO

## 50% more nickel

(or ~1.25 million tonnes) needed by 2025  
to meet EV growth and normal uses

## 85% more nickel

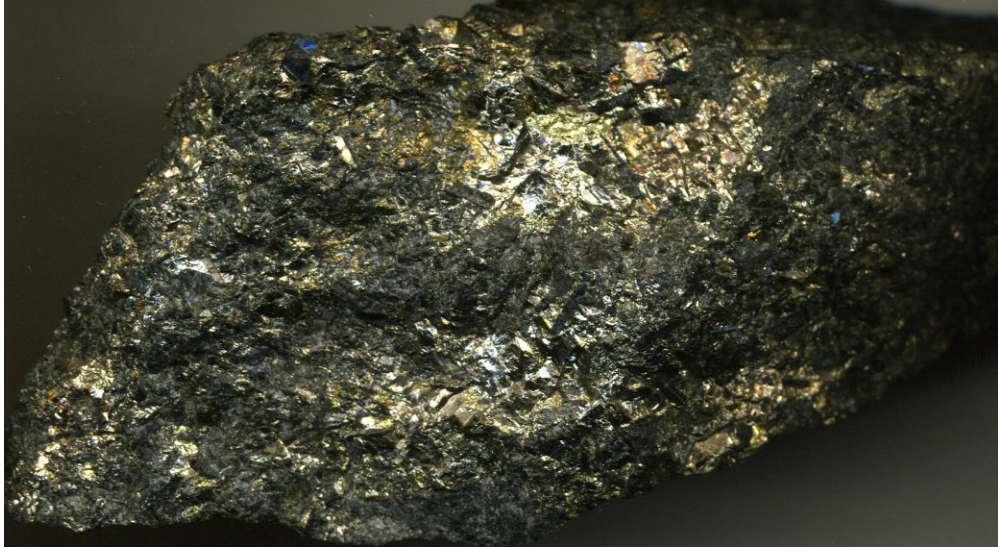
(or ~2.1 million tonnes) needed by 2030  
to meet EV growth and normal uses

### METALS TESLA NEEDS TO BUILD 20M CARS A YEAR

Tesla Production @ 20m	Material Required (t)	Production 2019 (t)	% of Production
Graphite	1,028,775	1,100,000	94%
Nickel	750,410	2,460,000	31%
Lithium	127,302	77,000	165%
Copper (vehicle)	1,820,000	21,000,000	9%
Manganese	20,811	19,000,000	+0%
Cobalt	68,315	122,000	56%
Aluminum (battery)	16,544	64,000,000	+0%
Aluminum (vehicle)	3,380,000	64,000,000	5%
MagREO (NdPr, Dy, Tb)	18,000	46,000	39%

Battery graphite, nickel, cobalt, lithium, manganese, MagREO (NdPr, Dy, Tb): Adamas Intelligence  
Production: USGS, BMO, Morgan Stanley, BP, Fitch, Excl. synthetic graphite  
Copper, aluminum (vehicle): UBS estimates of Chevy Volt

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## Benefits of low-grade nickel deposits ( $<1.0\%$ nickel)

- Large open-pit operations with potential for +30 years of production.
- Lower carbon footprint due to tailings carbon sequestration.
- Many of these projects are located in North America.
- Capable of producing battery-grade nickel.

**55% nickel**  
in contained value\*

**45% platinum-group  
metals/gold/copper/cobalt**  
in contained value\*

43-101 Resource Estimate												
Tonnes (000's)	Ni %	Cu %	Co %	Pt g/t	Pd g/t	Au g/t	Ni kt	Cu Kt	Co kt	Pt Moz	Pd Moz	Au Moz
MEASURED & INDICATED												
323,400	0.26	0.16	0.015	0.25	0.26	0.05	850	500	50	2.6	2.7	0.5
INFERRED												
108,100	0.29	0.15	0.016	0.26	0.28	0.04	313	163	17	0.90	1.00	0.1

Notes:

- Mineral Resources do not have demonstrated economic viability
- The Qualified Person for the Mineral Resources is John Marek RM-SME, Professional Engineer Yukon Territory
- Average grade calculations on this table are impacted by rounding.
- Tonnages are reported in units of 1,000 metric tonnes (Ktonnes)
- Contained Base Metal reported in units of 1,000 metric tonnes (Ktonnes)
- Contained Precious Metal reported in units of a million troy ounces, MMoz

- Metal Prices for Resources Determination in USD:
  - Nickel: \$8.25/lb, Copper: \$3.00/lb, Cobalt: \$24.00/lb
  - Platinum: \$1,200/troy oz, Palladium: \$900/troy oz, Gold: \$1,300/troy oz
- Net of Smelting (NSR) cutoff grades range from \$11.51 to \$11.74 U.S. Dollars
- \*Value of metal contained per tonne of rock using : \$8.50/lb Ni; \$3.50/lb Cu; \$20.00/lb Co; \$1,300/oz Pt; \$1,300/oz Pd; and \$1,700/oz Au



# ENVIRONMENT, SOCIAL AND GOVERNANCE (ESG) INITIATIVES

## ENVIRONMENT

- Reducing carbon footprint with LNG and renewable power generation
- Reducing impacts on water with tailings process water recycling and minimizing the volume of impacted water captured on site
- Baseline environmental programs continued since 2012 for water quality, climate, aquatic resources and wildlife
- Carbon dioxide absorption from tailings to reduce project towards zero carbon



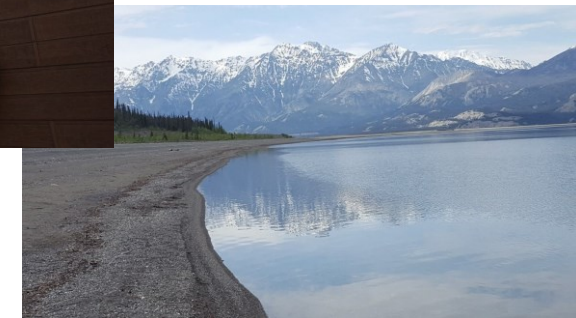
## SOCIAL LICENCE

- Strong partnership with Kluane First Nation including exploration cooperation agreement and joint advisory committee
- Community support initiatives focused on Kluane business development group and local hiring



## GOVERNANCE

- Established Board of Directors, Committees, and Policies including diversity commitments



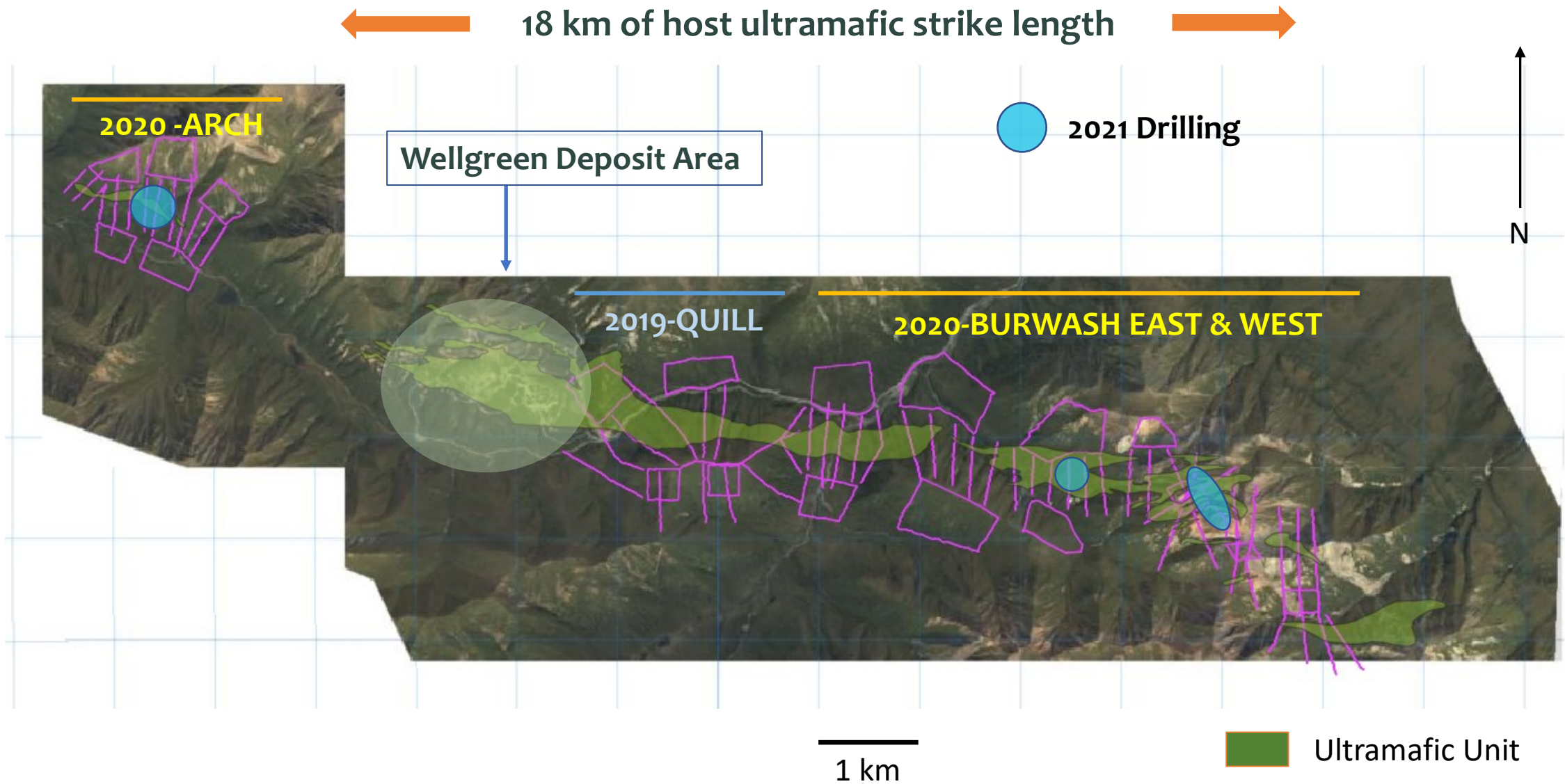
## Highly prospective 18-km trend on 146 km<sup>2</sup> total land package.

- Extensive geophysics work done on the property in 2019 and 2020.
- Numerous electromagnetic conductors detected potentially representing Ni-sulphide mineralization.
- Large drill-hole and surface sampling database.
- Extensive historic soil geochemistry with coincident Ni-Cu-PGE anomalies.
- Very limited drilling outside of Wellgreen deposit prior to 2021 exploration program.
- Class 4 permit in place for drill testing.



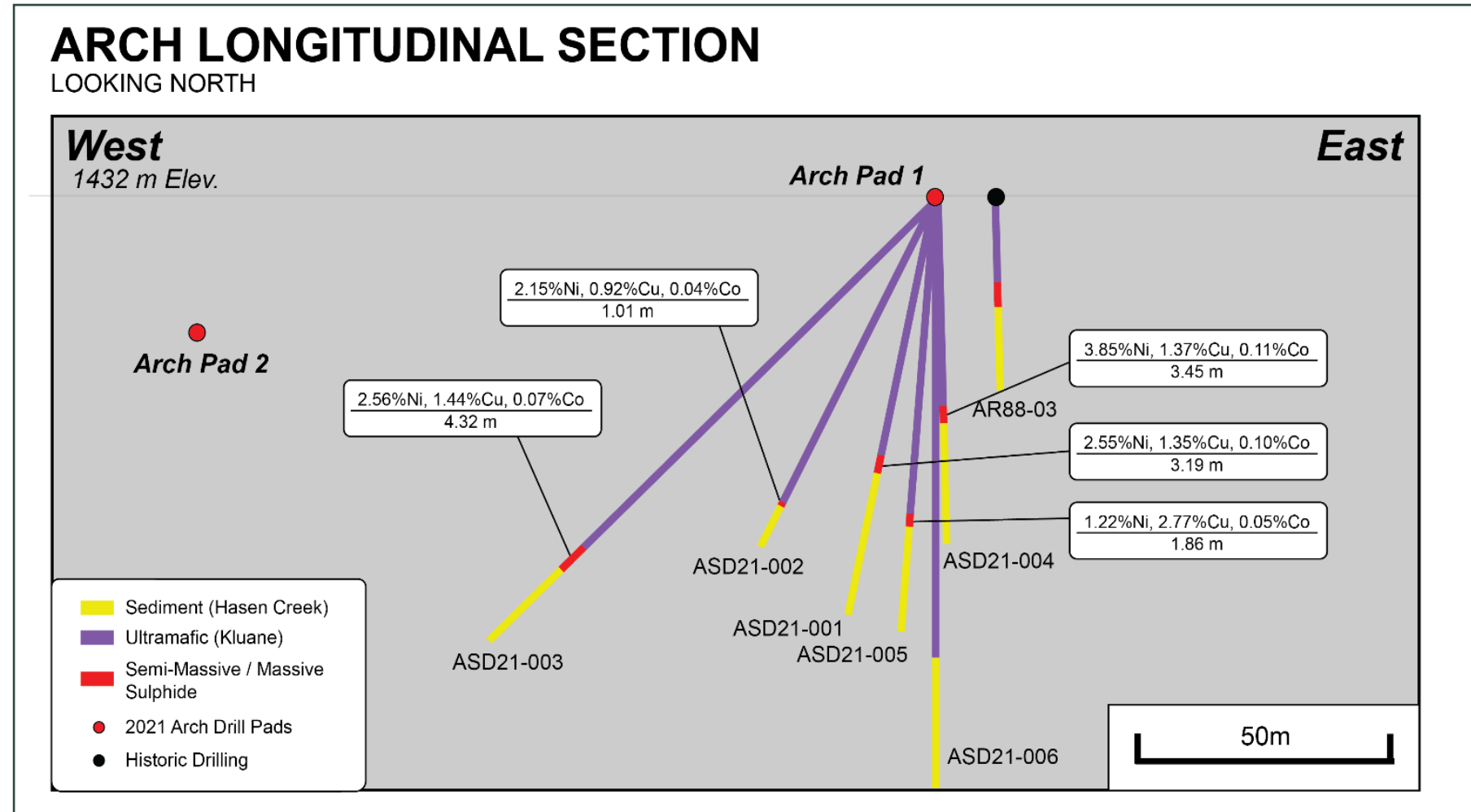


# 2019-2020 EM SURVEY COMPLETED OVER PROPERTY WIDE LAND PACKAGE



## 12 DRILL HOLES COMPLETED TOTALING ~1,250 METRES

- 4 of the 12 boreholes were surveyed by EM and several additional EM surface lines were completed in the Arch area.
- **Near surface massive sulphide nickel-copper mineralization intersected outside of the Wellgreen deposit.**
- Results from a further six holes as well as platinum-group-metal analytical results remain outstanding.



## SHAREHOLDER SUPPORT

- Large, strategic institutional shareholders
- 46% of shares held by three key institutions, with Electrum owning 31%

### SHARE INFORMATION (as of August 9, 2021)

**TSX: NCP, OTC: NCPCF**

Shares Outstanding	388.7 million
Stock Options	18.8 million
Stock Appreciation Rights (SARs)	2.2 million
Restricted Share Units (RSUs)	2.0 million
Deferred Share Units (DSUs)	1.9 million
Warrants	160.6 million
Fully Diluted (Excluding SARs)	572.0 million

### MARKET CAPITALIZATION

Share Price (November 8, 2021)	C\$0.10/share
Market Capitalization	C\$40.8 million

## MANAGEMENT

- Over 115 years of nickel mining industry experience in geology, finance, mining and metallurgical operations and marketing

## BOARD OF DIRECTORS

- Strong diversified board
  - Myron Manternach: +25 years finance and capital markets
  - Michelle Darling: +30 years H & R and Governance
  - Mike Sylvestre: +30 years mining operations and projects
  - Mark Fields: +30 years mineral exploration
  - Wayne Kirk: +35 years legal
  - David Peat: +35 years finance
  - Stuart Harshaw, CEO: +30 years mining operations and marketing



- ✓ Strong institutional shareholders
- ✓ Updated Resource Estimate with M&I after infill drill program completed
- ✓ Advanced metallurgy – mini pilot plant completed with saleable nickel and copper concentrates
- ✓ Internal mine planning & optimization studies completed
- ✓ Baseline environmental studies – water, wildlife, low carbon footprint
- ✓ Exploring large district potential – ground-based EM geophysics completed
- ✓ 2021 exploration program completed with massive nickel sulphide discovery; full results expected in Q4 2021



NICKEL  
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PLATINUM

# Questions?

**Stuart Harshaw**

President & CEO

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