



BAKER PRE-FEASIBILITY STUDY

EDMUND AINSCOUGH
Managing Director

HAYDEN BARTROP
Chief Financial Officer

May 2023

ASX: LM8

IMPORTANT NOTICE & DISCLAIMER



This Presentation has been prepared by employees of Lunnon Metals Ltd (“Lunnon”, “LM8” or “the Company”) on its behalf and is a summary only, and contains summary information about Lunnon and its activities, which is current as at the date of this Presentation (unless otherwise indicated), and the information in this Presentation remains subject to change without notice. The information in this Presentation is general in nature and does not purport to be accurate nor complete, nor does it contain all of the information that an investor may require in evaluating a possible investment in Lunnon, nor does it contain all the information which would be required in a disclosure document or prospectus prepared in accordance with the requirements of the Corporations Act. It has been prepared by Lunnon with due care but no representation or warranty, express or implied, is provided in relation to the accuracy, reliability, fairness or completeness of the information, opinions or conclusions in this Presentation by Lunnon or any other party. Reliance should not be placed on information or opinions contained in this Presentation. Certain data used in this Presentation may have been obtained from research, surveys or studies conducted by third parties, including industry or general publications.

This Presentation should be read in conjunction with the ASX Announcement dated 22 May 2023 entitled “Baker Preliminary Feasibility Study – A Rising Star in the Making”, including the Cautionary Statement and Forward Looking Statements sections in that announcement.

This Presentation contains certain "forward-looking statements" and comments about future matters. Forward-looking statements can generally, but not always, be identified by the use of forward-looking words such as, "expect", "anticipate", "likely", "intend", "should", "could", "may", "predict", "plan", "propose", "will", "believe", "forecast", "estimate", "target", "outlook", "guidance" and other similar expressions. Indications of, and guidance or outlook on, future expected exploration results or technical outcomes, production, earnings or financial position or performance are also forward-looking statements. You are cautioned not to place undue reliance on forward-looking statements. Any forward-looking statements in this Presentation are based on current interpretations, expectations, estimates, assumptions, forecasts and projections about the Company, its projects and assets and the market and industry in which it operates, as well as other factors that the Company's management believes to be relevant and reasonable in the circumstances at the date that such statements are made.

The forward-looking statements contained in this Presentation are not indications, guarantees or predictions of future performance or results and involve known and unknown risks and uncertainties and other factors, many of which are beyond the control of Lunnon, and may involve significant elements of subjective judgement and assumptions as to future events which may or may not be correct. These factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic factors, increased capital costs and operating costs, the speculative nature of exploration and project development (including the risks of obtaining necessary licenses and permits, diminishing quantities or grades of reserves and the ability to exploit successful discoveries), general mining and development operation risks, closure and rehabilitation risks, changes to the regulatory framework within which Lunnon operates or may in the future operate, environmental conditions including extreme weather conditions, geological and geotechnical events, and environmental issues, and the recruitment and retention of key personnel, industrial relations issues and litigation. Any such forward looking statements are also based on assumptions and contingencies which are subject to change, and which may ultimately prove to be materially incorrect, as are statements about market and industry trends, which are based on interpretations of current market conditions. All forward-looking statements made in this Presentation are qualified by the foregoing cautionary statements.

Lunnon is currently covered by research analysts from four separate firms. In referencing their research, the Company does not endorse, confirm, or express a view as to the accuracy of the methodology applied or the estimations used by the four firms to arrive at their targets from their forecasts.

This presentation has been prepared by the Company based on information currently available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this Presentation. To the maximum extent permitted by law, none of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party, nor any other person accepts any liability for any loss arising from the use of this Presentation or its contents or otherwise arising in connection with it, including without limitation, any liability arising from fault or negligence on the part of any such party. To the maximum extent permitted by law, Lunnon and its directors, officers, employees, advisers and agents disclaim any obligation or undertaking to release any updates or revisions to information contained in this Presentation (including, but not limited to, any assumptions or expectations set out in the release). It should be read in conjunction with Lunnon's other periodic and continuous disclosure announcements lodged with the ASX from time to time, which are available at www2.asx.com.au or at <https://lunnonmetals.com.au/asx-announcements/>. The Competent Persons Statements at the end of this Presentation contain important details and should be read in conjunction with this disclaimer.



SCORE CARD SINCE IPO

GROWTH BY DISCOVERY

- **Baker** discovered¹
- MRE grown by 48,800t Ni metal²
- 125% increase³ @ A\$0.22/lb⁴
- **PFS/Initial Ore Reserve at Baker**

NEWS FLOW

- Drilled ~54km
- Reprocessed ~12km historical core

GROWTH BY ACQUISITION

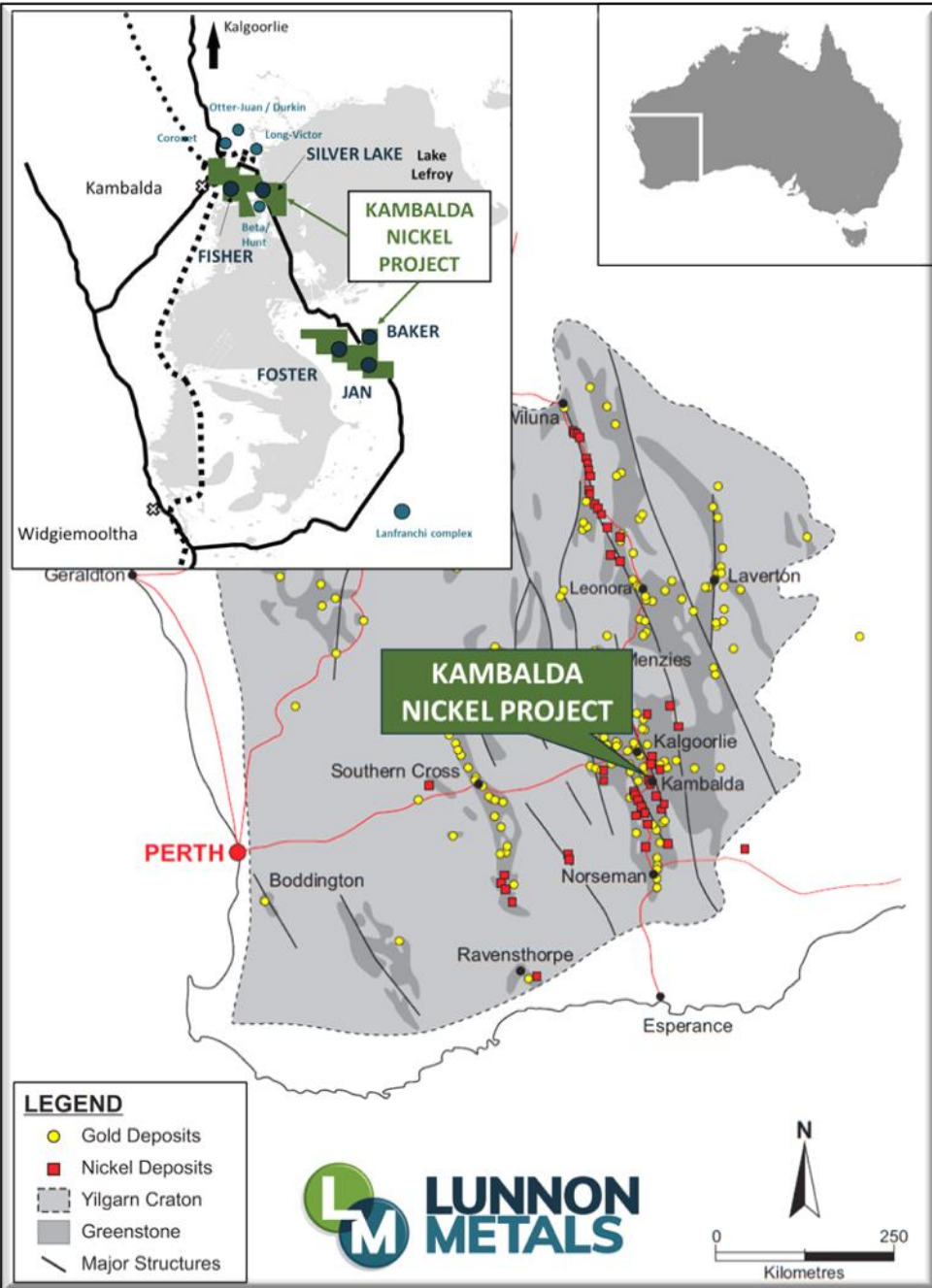
Acquired nickel rights to last two historical WMC nickel mines – Silver Lake & Fisher⁵

FUNDING

A\$30M capital raising successfully completed in April 2022

LEADERSHIP

Recruited executive team with requisite mining/development and operational background



1: Refer to ASX announcement dated 17 January 2022; 2: Refer to Slide 26 for full breakdown of Mineral Resource; 3: Refer to ASX announcement dated 31 March 2023; 4: Discovery cost calculation unaudited and as at 28 February 2023; 5: Refer to ASX announcement dated 12 April 2022.

LOCATED IN THE HEART OF KAMBALDA



Kambalda – a renowned nickel district

- 60 km south of Kalgoorlie, Western Australia.
- 1.6Mt nickel metal mined¹, unrivalled record of discovery

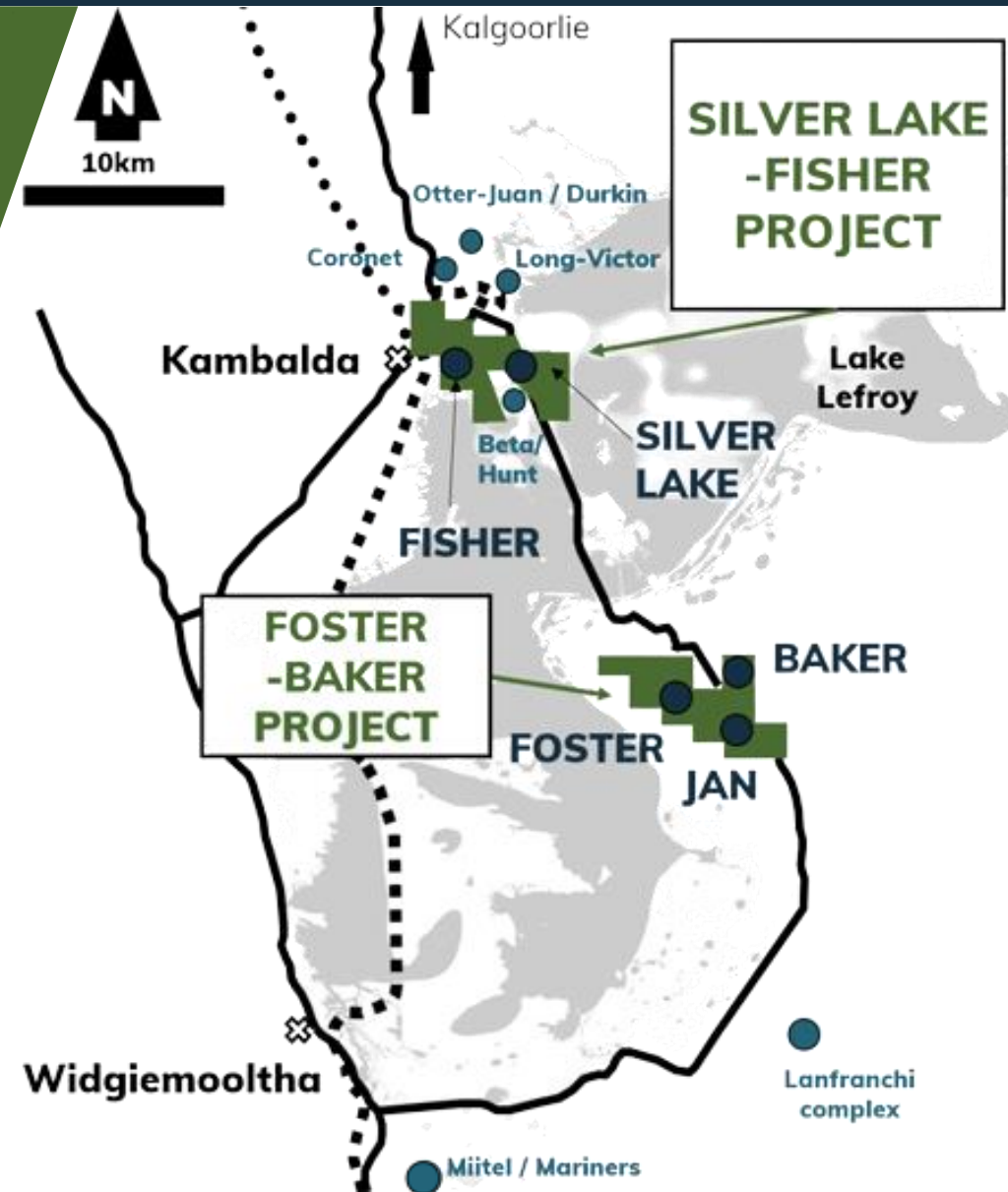
Kambalda Nickel Concentrator - 1.6Mtpa concentrator owned by BHP Nickel West, 25km to north of Baker

Lunnon Metals – 20 years in the making

- 4 historical mines, “sold with the gold” in 2001 by WMC to Gold Fields
- Missed last nickel boom (mid-late 2000’s)
- Goal to replicate MCR’s, IGO’s and PAN’s success in extending life of Kambalda assets
- Find new discoveries similar to recent success at Baker

Excellent local infrastructure and services:

- Accommodation;
- Power lines; and
- Airport
- Mining operations – St Ives (Gold Fields), Beta Hunt (Karora), Long-Durkin (Mincor)

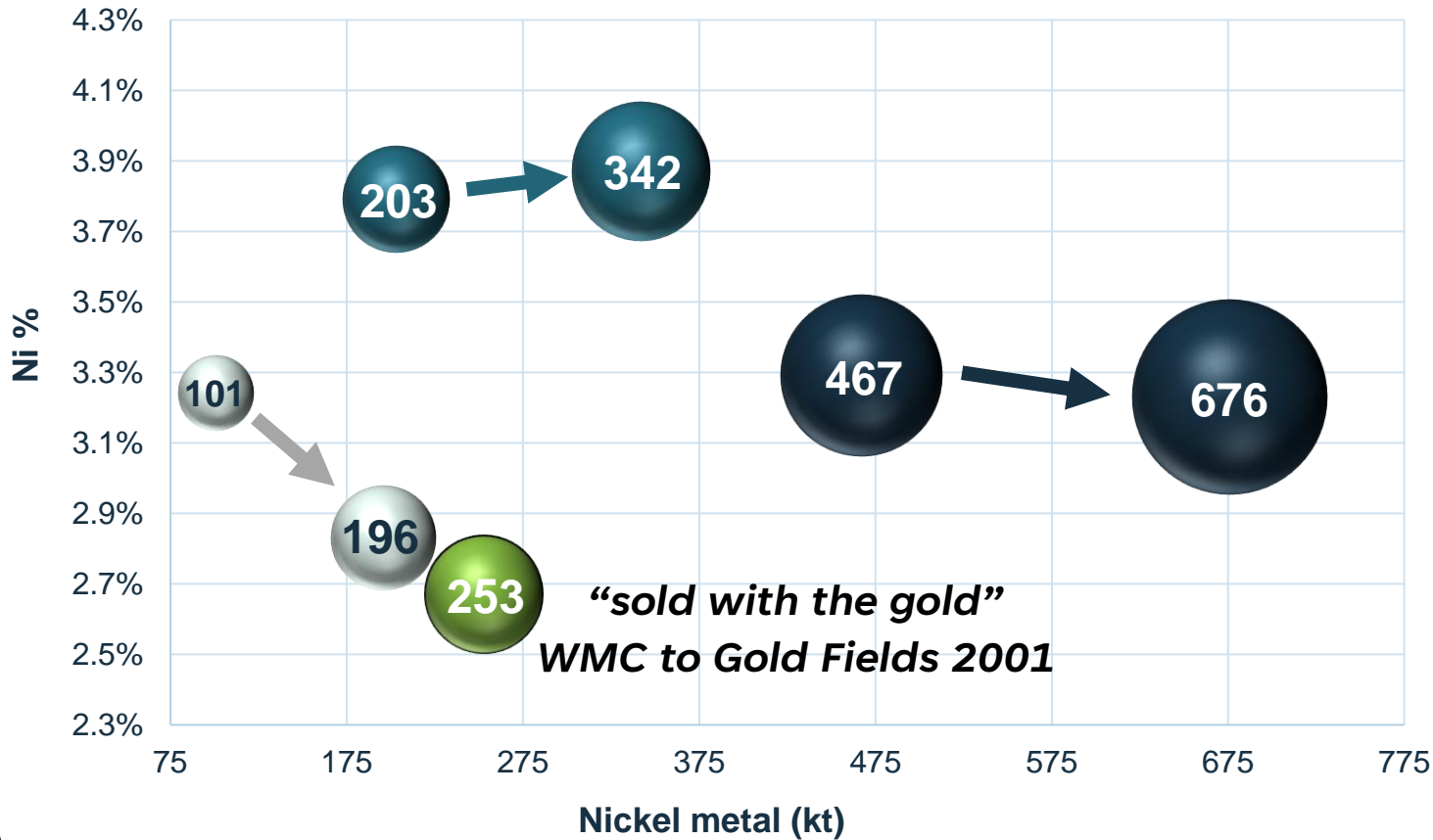


1: Sourced from historical WMC production records plus sum of relevant production from ASX company announcements

UNRIVALLED : KAMBALDA NICKEL DISTRICT



**Production - Peers' Assets[^]:
Pre-WMC sale vs Total Life of Mine to date**



- IGO – Long Shaft
- PAN – Lanfranchi
- MCR – Widgie/Nth Kamb
- LM8 – Silver Lake, Fisher, Foster & Jan

Past Nickel Production[^]

Mine	Shut by	Mt	% Ni	Ni kt
Silver Lake	1986	4.5	2.7	123
Fisher	1988	1.7	2.3	38
Foster	1994	2.4	2.6	61
Jan Shaft	1986	1.1	2.8	30
TOTAL**		9.6	2.6	253

****totals may not sum due to rounding**

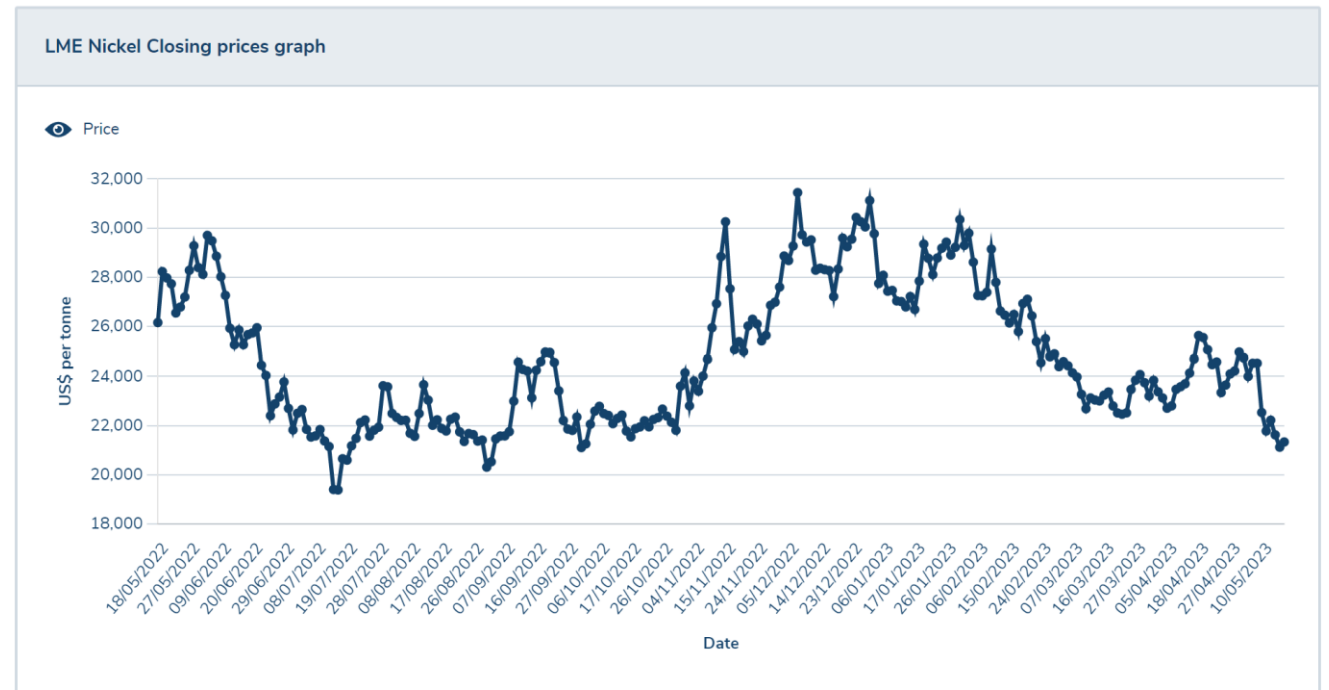
[^]source: historical WMC production records, sum of relevant production from ASX company announcements
 IGO/Long Shaft = pre-sale to MCR only
 bubbles scaled relative to 101kt (PAN – Lanfranchi)

BAKER PFS – STRATEGIC OBJECTIVES



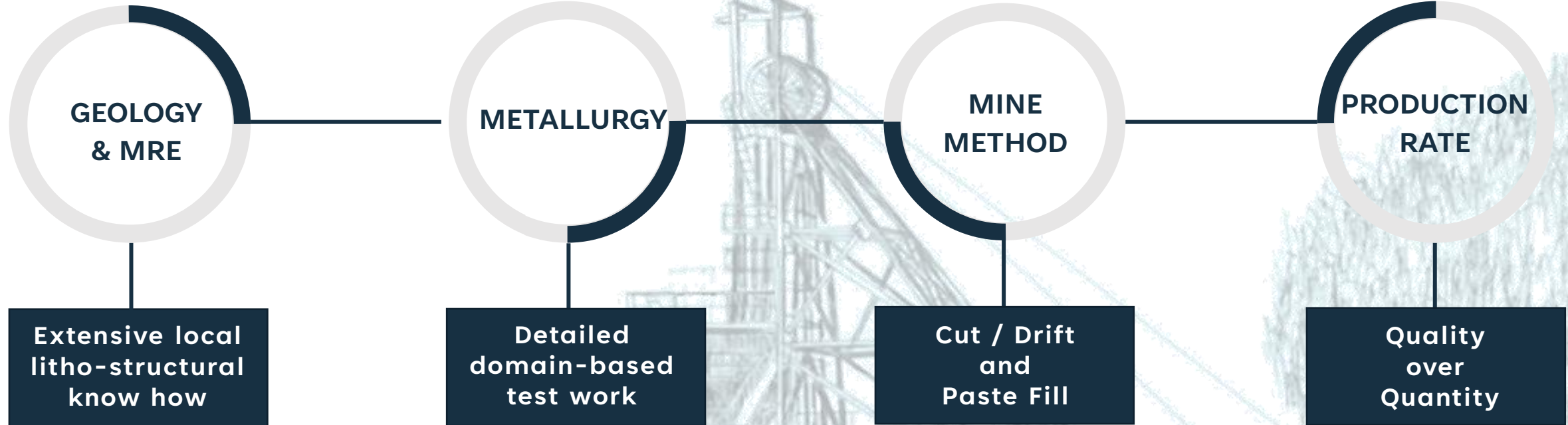
LESS THAN 18 MONTHS SINCE ITS DISCOVERY

- Declare initial Ore Reserves
- Demonstrate key LM8 value proposition
 - ✓ **LM8's tenure got 'sold with the gold', is under-explored and can deliver growth and discovery to match previous success in the unrivalled Kambalda nickel camp**
- Catalyst for detailed off-take discussions
- Assess future operational & funding tactics:
 - Baker first or Baker & Foster together
 - Scale, leverage and interaction with Foster MRE



KAMBALDA 'DNA' : DECADES OF EXPERIENCE

('Do Not Assume')



20km of surface drilling,
data density
unparalleled prior to
development start-up

Knowledge of
mineralisation,
weathering and post
Ni structures

Quality / accuracy of
deposit extraction,
preserve premium Ni
sulphide attributes

Goal is premium
concentrate
product

BAKER PRE-FEASIBILITY STUDY HIGHLIGHTS¹



- **Robust project economics** – Pre-tax NPV_g of \$164M, Free cash flow of \$196M, and 324% IRR²
- **Initial Probable Ore Reserve** of 612kt averaging 2.86% for 17.5kt contained nickel²
- **Low pre-production capex** of \$18.6M, maximum cash draw of \$26.4M including working capital³
- **A premium sulphide concentrate** – 14.6% Ni, Fe:MgO ratio of 18.8 and low arsenic of 440ppm
- **Significant upside potential** from initial base case outlined in PFS:
 - No inclusion of Inferred Minerals Resources at Baker;
 - Potential future extensions to Baker; the deposit remains open down plunge;
 - Potential future extensions at East Trough
 - Scale and synergies with Foster's Mineral Resources

1: For full details of the Baker Preliminary Feasibility Study refer to the ASX Announcement dated 22 May 2023. The PFS has been prepared to an overall accuracy of approximately -15% to +25%.
2: Refer to slide 29 for full details of the financial assumptions underpinning these numbers
3: Refer to slide 26 for a full breakdown of the Ore Reserves
4: Pre-production capital is to first stope ore, not commercial production. Maximum cash draw excludes corporate costs, ongoing exploration costs, and financing costs.

BAKER PRE-FEASIBILITY – HIGHLIGHTS^{1, 2}



Ore Reserve³

612kt
2.86% Ni
17.5kt Ni contained

LOM Physicals

Mining: 17,500 otpm
Ni in Conc: 15,970t
LOM: 35 months⁴

Free Cash Flow²

Pre-tax: \$196M
Post tax: \$145M

NPV₈

Pre-tax: \$164M²
Post tax: \$121M²

Premium Conc.

Grade: 14.6% Ni
Fe:MgO ratio: 18.8
Arsenic: 440ppm

Concentrate

Recovery to Conc: 91.2%
Ni Sold pa: 4,100t
By-products: \$14M

Operating Costs²

C1: \$279/t Ore Mined
AISC: \$340/t Ore Mined
AIC: \$371/t Ore Mined

IRR²

Pre-tax: 324%
Post tax: 219%

1: For full details of the Baker Preliminary Feasibility Study refer to the ASX Announcement dated 22 May 2023. 2: Refer to slide 29 for full details of the financial assumptions underpinning these numbers
3: Refer to slide 26 for a full breakdown of the Ore Reserves 4: From 1st stope production 5: Pre-production capital is to first stope ore, not commercial production.

Pre-Production Capex: \$18.6M⁵

Payback: 0.7 Years^{2,5}

PFS STUDY TEAM



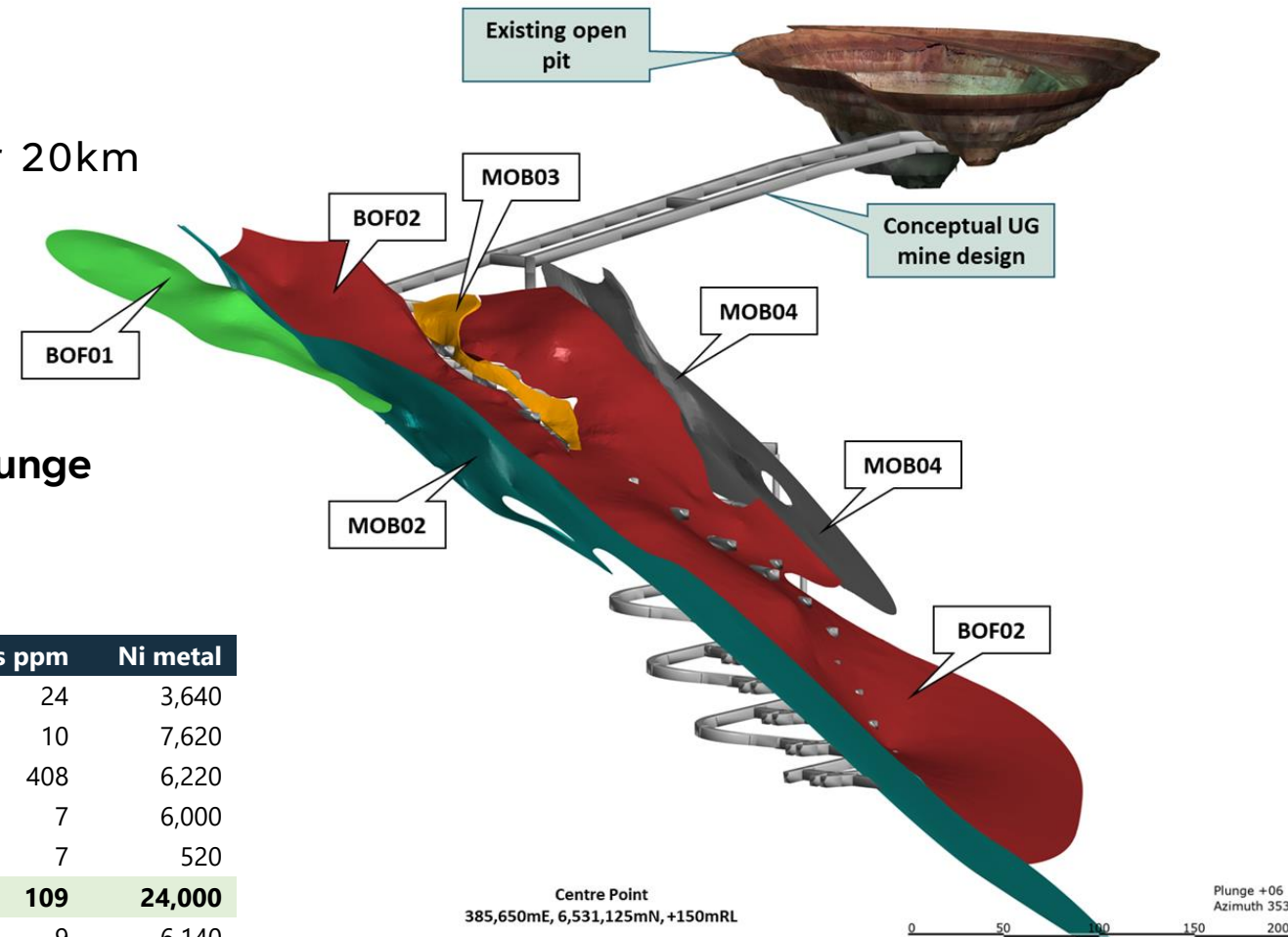
<p>Resource Estimation</p>	<p>Environmental Consulting</p>
<p>Geotechnical, Mining Engineering, Ore Reserve Estimation</p>	<p>Hydrogeological and Hydrological</p>
<p>Zero Based Mining Cost Estimation</p>	<p>Mining Cost Estimate</p>
<p>Metallurgical Consulting</p>	<p>Vegetation and Fauna Survey</p>
<p>Metallurgical Test-work</p>	<p>Waste Rock and Soil Classification</p>
<p>Financial Model</p>	<p>Paste-fill</p>
<p>Surface Infrastructure Estimate</p>	<p>Power and Dewatering</p>
<p>Heritage</p>	<p>Surface Haulage</p>

BAKER MINERAL RESOURCE



- Discovered in January 2022, no historical production:
 - 7.0m @ 9.22%, 8.0m @ 2.52% and 6.0m @ 3.67%¹
- December 2022 Mineral Resource based on over 20km of surface drilling²
- Drill Spacing: Indicated ~20m x 20m
Inferred ~40m x 40m
- Inferred Resource and deposit remains **open down plunge**
- Modelled arsenic in Mineral Resource model

Baker	tonnes	Ni %	Cu %	Co %	Pd g/t	Pt g/t	As ppm	Ni metal
BOF01	94,100	3.9	0.32	0.07	0.79	0.39	24	3,640
BOF02	277,600	2.8	0.21	0.05	0.49	0.20	10	7,620
MOB02	155,600	4.0	0.36	0.08	0.60	0.25	408	6,220
MOB03	82,200	7.3	0.64	0.13	1.29	0.50	7	6,000
MOB04	28,500	1.8	0.19	0.03	0.43	0.18	7	520
Indicated	638,000	3.8	0.32	0.07	0.66	0.28	109	24,000
BOF02	252,500	2.5	0.16	0.05	0.46	0.20	9	6,140
MOB04	38,500	1.7	0.30	0.03	0.41	0.17	7	660
Inferred	291,000	2.3	0.18	0.05	0.45	0.20	8	6,800
Total	929,000	3.3	0.27	0.06	0.60	0.25	77	30,800



1: Refer to ASX Announcement dated 17 January 2022
2: Refer to ASX Announcement dated 7 December 2022.

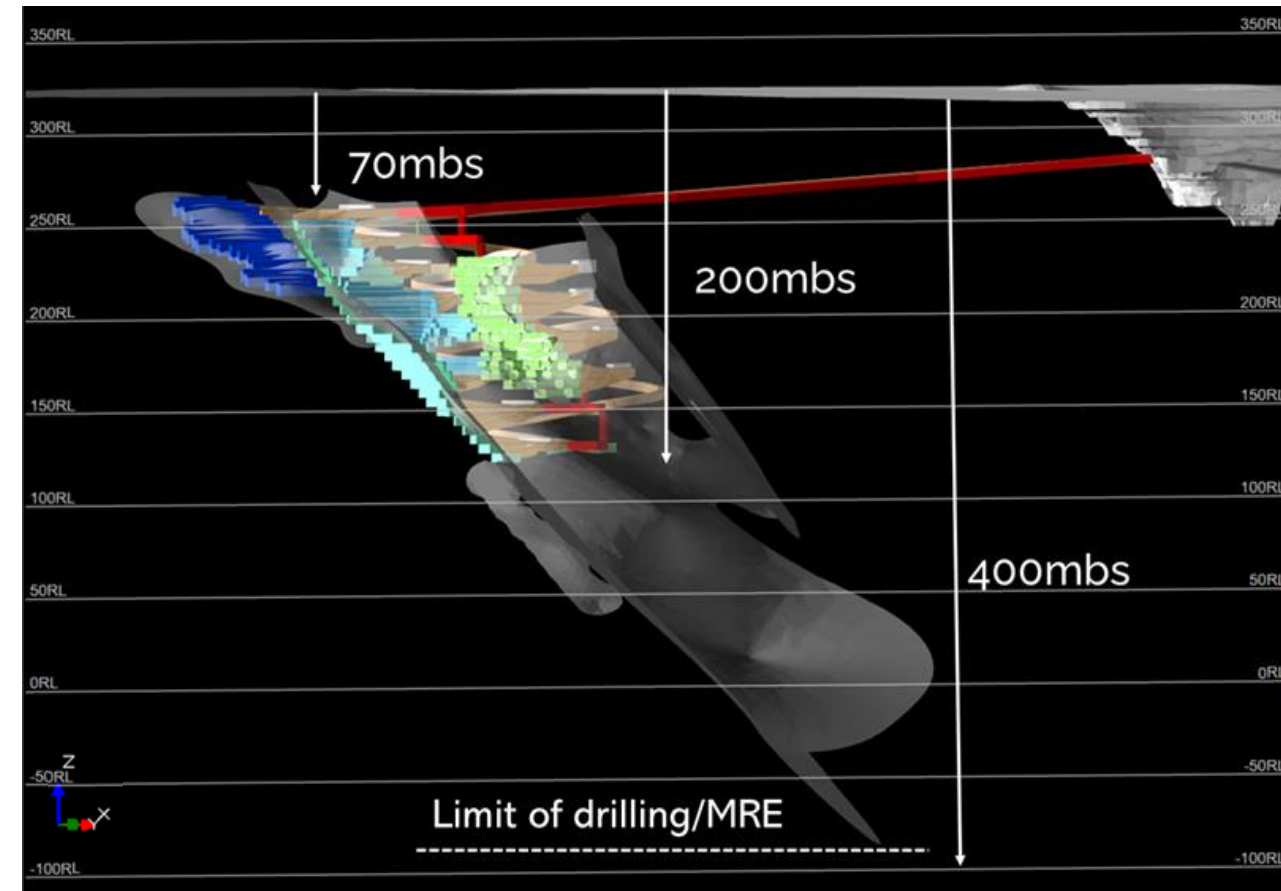
BAKER INITIAL ORE RESERVE



Less Than 2 Years Since Listing: Discovered, reported Mineral Resource and now initial Ore Reserve

- 612,000t @ 2.86% Ni for 17,500t of nickel metal¹
- 73% conversion of Indicated Resource²
- Underground mining operation:
 - targeted production of 15,000 tonnes of ore per month above 1.5% Ni
 - Contractor mining
- Surface haulage of ore to BHP's Kambalda Nickel Concentrator, approx. 25km north of Baker
- Detailed metallurgical & geotechnical analyses completed
 - Domain specific metallurgical testwork
 - Samples simulate mined diluted ore widths and weighted volumes
- Conservatively generates figures of a blended scenario

Ore Reserve extends to <200 metres below surface

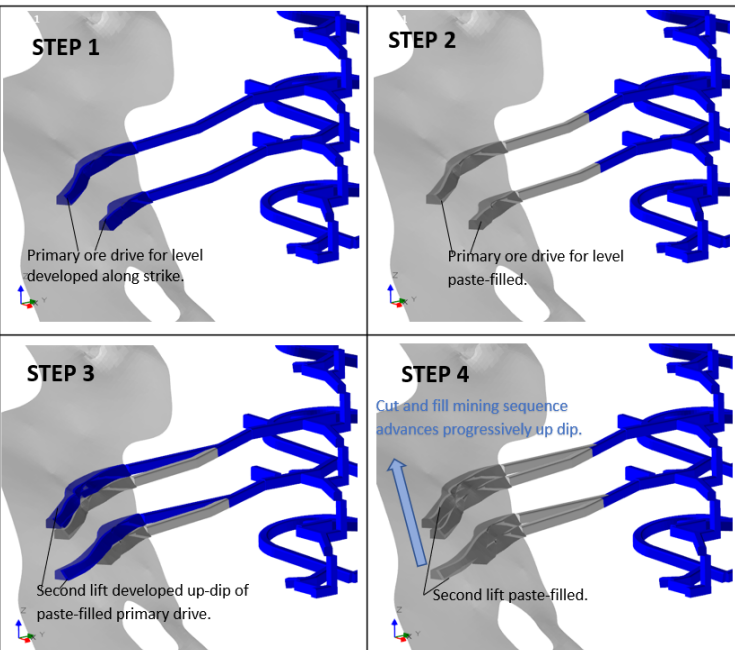
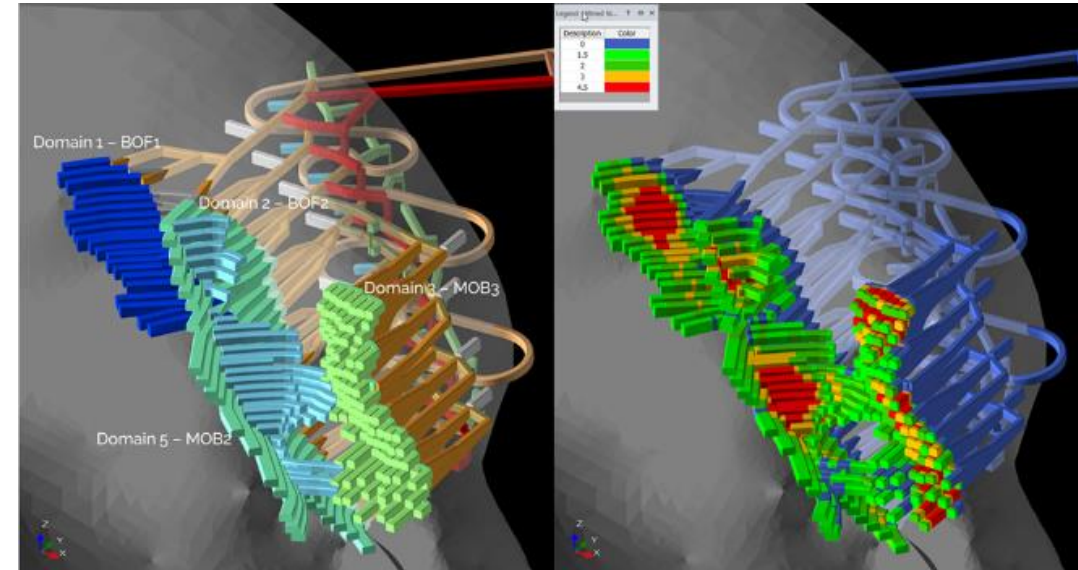


1: Refer to slide 26 for a full breakdown of the Ore Reserves

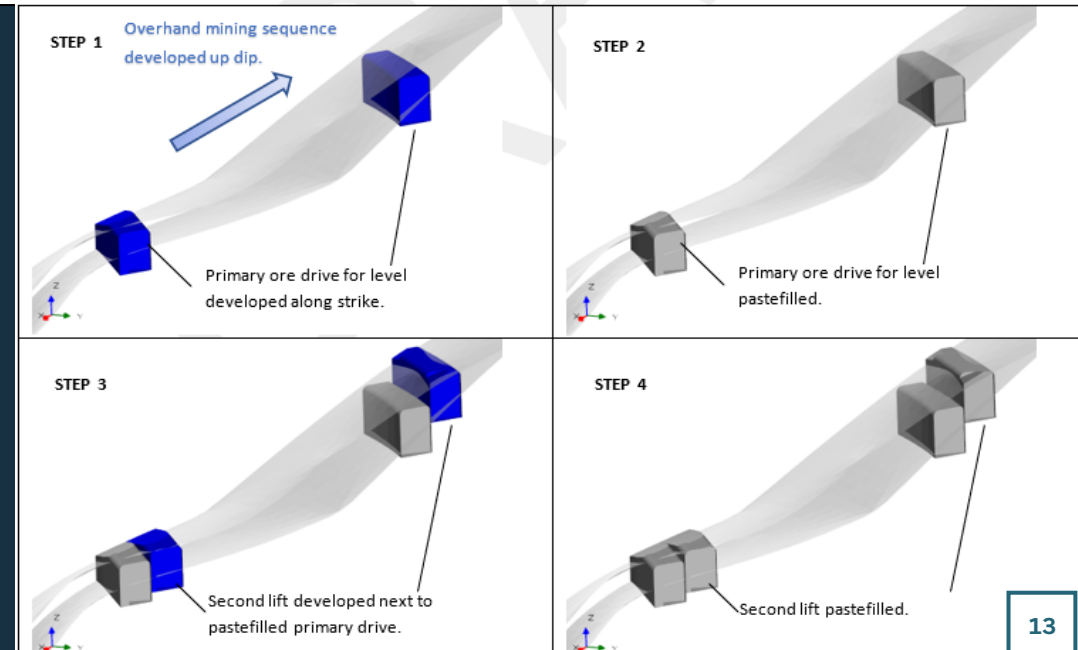
2: Refer to slide 26 for a full breakdown of the Mineral Resources

CUT / DRIFT AND FILL & CEMENT PASTE FILL

- Development intensive: focus is accuracy of extraction and minimising waste
 - Preserve premium concentrate: High Ni%, high Fe:MgO ratio and low arsenic
- Multiple access points early in the life – opportunities for blending / mining flexibility
- Nearly all capital development in “strong” footwall basalt



- Overhand cut and fill stoping (to left)
- Drift and fill stoping (to right)
- No long hole or open stoping planned
- Will “see” every ore face



SURFACE INFRASTRUCTURE AND PRE-DEVELOPMENT

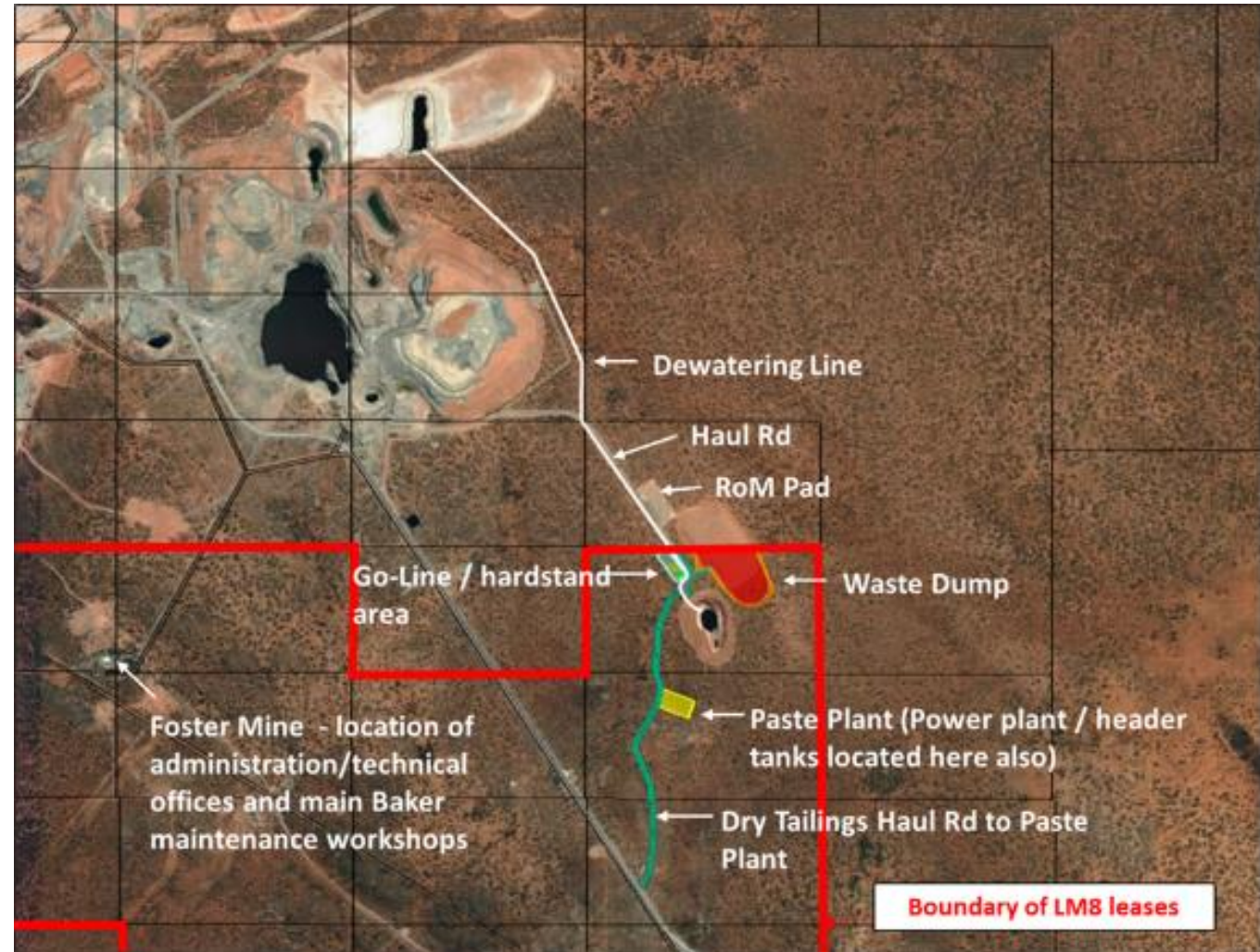


EXTENSIVE EXISTING INFRASTRUCTURE

- Waste and RoM pads from West Idough Pit
- Access and Haul roads
- Powerlines (11kv)
- Dewatering corridor
- Mine offices & workshop
- Fuel storage facility
- Ablutions etc

ADVANCED PROJECT APPROVALS

- Limited approvals still required¹



¹: Refer to slide 30 for further information on Project Approvals.

PROCESSING / OFF-TAKE

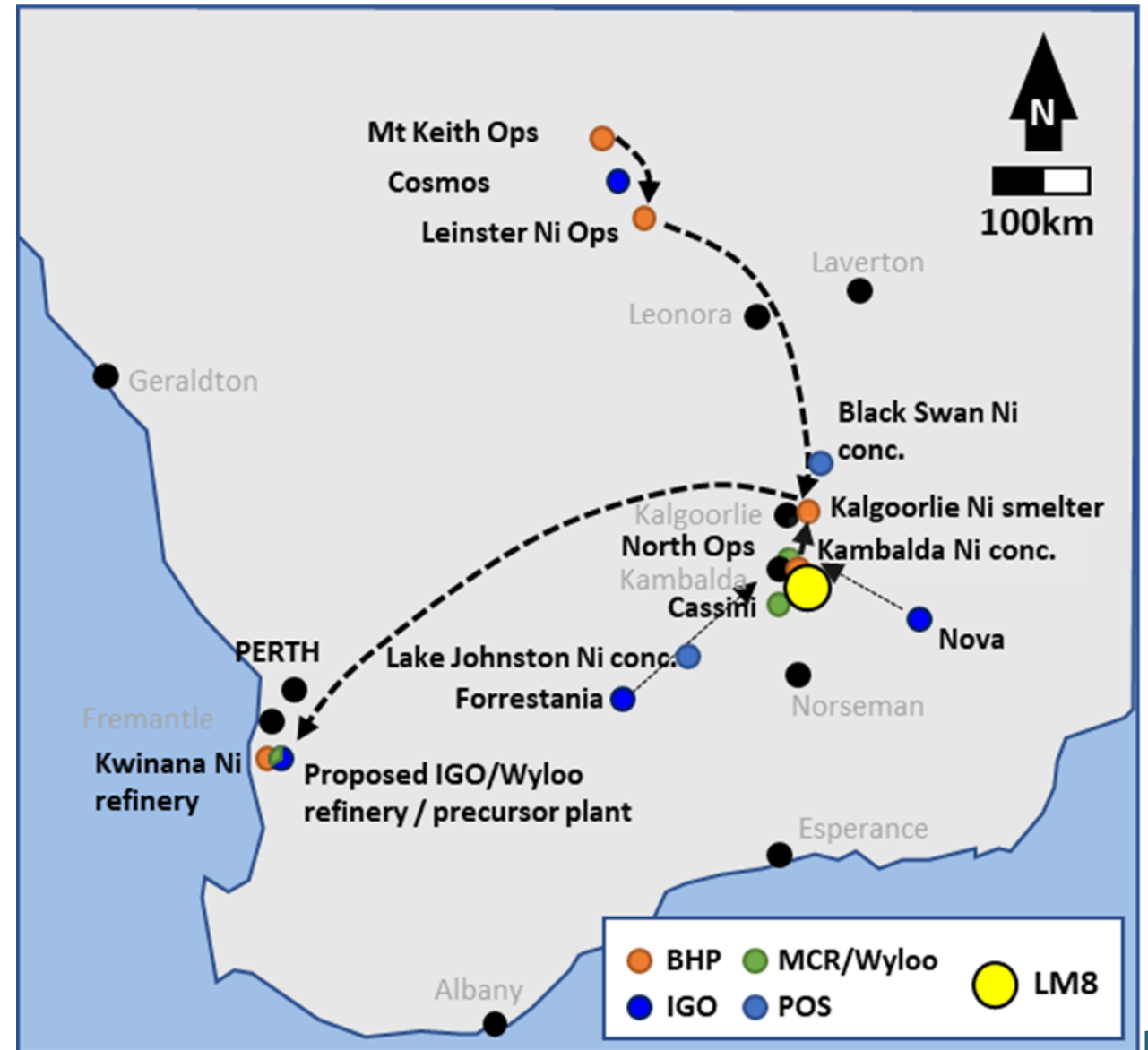


KEY STRATEGIC SOURCE OF NICKEL SULPHIDE CONCENTRATE

- Premium quality concentrate:

Parameter	Unit	Value
Average nickel grade	% Ni	14.6
Average copper grade	% Cu	1.3
Average cobalt grade	% Co	0.26
Average platinum grade	g/t Pt	0.58
Average palladium grade	g/t Pd	2.35
Fe:MgO ratio	ratio	18.8
Arsenic content	ppm	440

- BHP's Nickel West's Kambalda Concentrator just 25km to the north
- Nickel West retains offtake option (ROFR)
- Other plants:** Forrestania, Nova, Black Swan and Lake Johnston, Murrin Murrin
- Conservative estimate on payability and other commercially sensitive off-take terms



MAJOR OPERATING COSTS



FIRST PRINCIPLES, BENCHMARK & RFQ* APPROACH

Item	Total LOM A\$ Million	Unit Cost (A\$/t Ore Mined)	Unit Cost (A\$/lb Ni contained in concentrate) ¹
Mining	131.2	214	3.73
Processing (including Surface Haulage) ²	46.1	75	1.31
General & Administration ³	7.2	12	0.20
By-product credits ⁴	(14.0)	(23)	(0.40)
C1 Cash Cost	170.5	279	4.84
Royalties ⁵	18.4	30	0.52
Total Operating Costs	188.9	309	5.36
Sustaining Capital (incl. closure costs) ⁶	19.5	32	0.55
All-in Sustaining Costs	208.3	340	5.92
Pre-production Capital ⁶	18.6	30	0.53
All-in Costs	226.9	371	6.44

*Request for quotation from contractor.

Numbers may not add up due to rounding.

1: Nickel contained in concentrate is not equivalent to nickel payable. Nickel payable requires an assumption for payability percentage.

2: Processing costs exclude penalties, which are deducted from revenue. Processing costs (including surface haulage) would be deducted from revenue in any operating reporting.

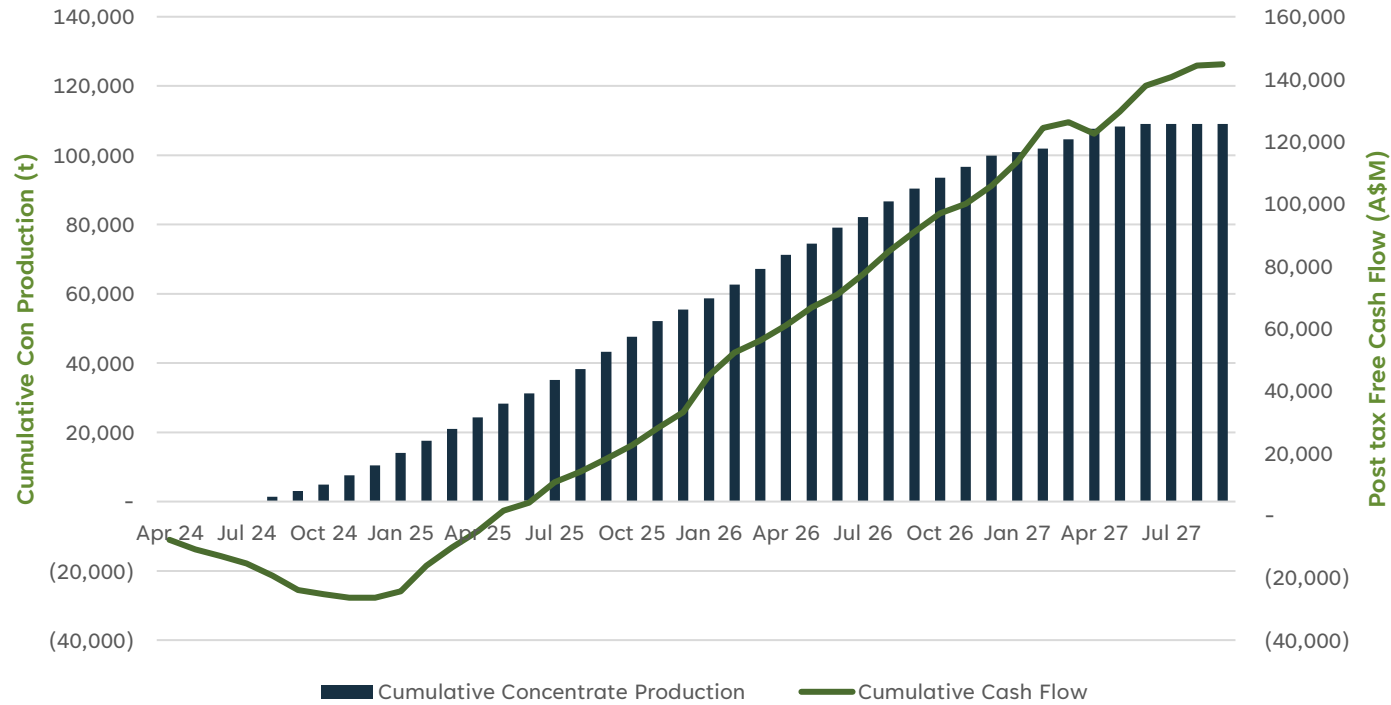
3: General & Administration includes an allocation of corporate costs for those directly working on the Project. It does not include a full allocation of corporate costs.

4: By-product credits are associated with the sale of copper, cobalt, platinum and palladium in the nickel concentrate.

5: Royalties includes an assumption for a royalty payable to the native title party. It does not include any assumption for a royalty to BHP in the event the offtake was not sold to BHP.

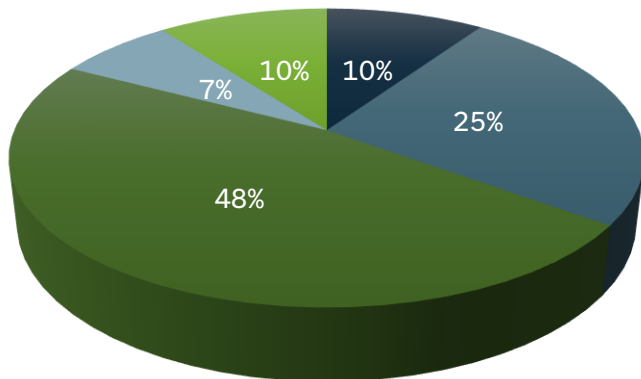
6: Pre-production capital is to first stope ore, not commercial production. Sustaining capital is capital with a useful life greater than 12 months after first stope ore, and includes closure costs

PFS FINANCIAL OUTCOMES#



Measure	Unit	Outcome
Nickel Contained in Concentrate	Ni Kt	15,970
Average Ni Sold Per Annum	t Ni pa	4,100
Gross Revenue ¹	A\$M	437
Operating Costs	A\$M	184
Pre-Production Capital Expenditure ²	A\$M	19
Total LOM Costs ³	A\$M	241
Free Cash Flow – Pre-Tax ⁴	A\$M	196
Free Cash Flow – Post Tax ^{4, 5}	A\$M	145
IRR (Pre-Tax)	%	324
IRR (Post-Tax) ⁵	%	219
NPV _{8%} (Pre-Tax) ⁶	A\$M	164
NPV _{8%} (Post-Tax) ^{5,6}	A\$M	121
Payback (Pre-tax)	Years	0.7

Pre-production Capital(\$18.6M)



- Foster Area (A)
- Baker Area (B)
- Lateral Capital Development
- Contingency (20% of A+B)
- Operating Cost (net revenue)

Refer to slide 29 for full details of the financial assumptions underpinning these numbers

- 1: Gross Revenue excludes any deduction of penalties from revenue and revenue credits to Pre-production Capital
- 2: Pre-production capital expenditure is to first stope ore, not commercial production
- 3: Total LOM Costs includes Operating Costs, Sustaining Capital, Closure Costs and Pre-production Capital.
- 4: Free Cash Flow is Gross Revenue (less penalties) minus Operating Costs, Capital Expenditure (Pre-production and sustaining), Royalties, and Closure Costs.
- 5: Post-tax includes an assumption of \$30M in accumulated tax losses to 31 March 2024 and 30% Corporate tax rate.
- 6: NPV is based on real cash flow forecasts and represents value as at projected start date of 1 April 2024.

Foster Area: Includes refurbishment of Foster workshop (including washdown pad) and establishment of ablation block
Baker Area: Establishment of access portal, dewatering infrastructure, primary ventilation fan, change rooms, washdown pad, service bay, diesel storage and associated hardstand areas
Lateral Development: Access decline, ventilation decline, cross-cuts, stockpiles and sumps
Operating Costs: Operating costs (including G&A) to reach first stope ore.



ACKNOWLEDGEMENT OF COUNTRY

At Lunnon Metals, we acknowledge the Traditional Owners of the land upon which we operate at Foster / Baker, the Ngadju people, and recognise their unique cultural heritage, beliefs and connection to these lands, waters and communities. We pay our respects to their Elders past, present and emerging.



Native Title
Aboriginal
Corporation

SENSITIVE TO BENEFITING THE COMMUNITIES WITHIN WHICH WE OPERATE

- **Environmental studies**
 - Extensive prior surveys, no issues
- **Low carbon emissions**
- **Local communities**
 - Favour residential vs FIFO
- **Aboriginal Cultural Heritage (ACH) and Native Title**
 - Ngadju have determined Native Title rights over the Baker Project
 - Working with Ngadju to negotiate Mining Rights and ACH agreement

Emission Type	Total Carbon Emissions (tonnes of CO2e)	Average Carbon Emissions (tonnes of CO2e per annum)	Carbon Intensity (tonnes of CO2e per A\$1M Gross Revenue)	Carbon Intensity (tonnes of CO2e per Ore Tonne Processed)
Scope 1	33,993	10,459	77.8	0.056
Scope 2	0	0	0	0
Total Scope 1 & 2	33,993	10,459	77.8	0.056

Key Environmental and Social PFS Outcomes	Unit	Outcome
LOM Royalties and Corporate Taxes	A\$M	69.1
Other LOM Expenditure	A\$M	222.9
Total Economic Value Add	A\$M	292.0

SIGNIFICANT UPSIDE POTENTIAL

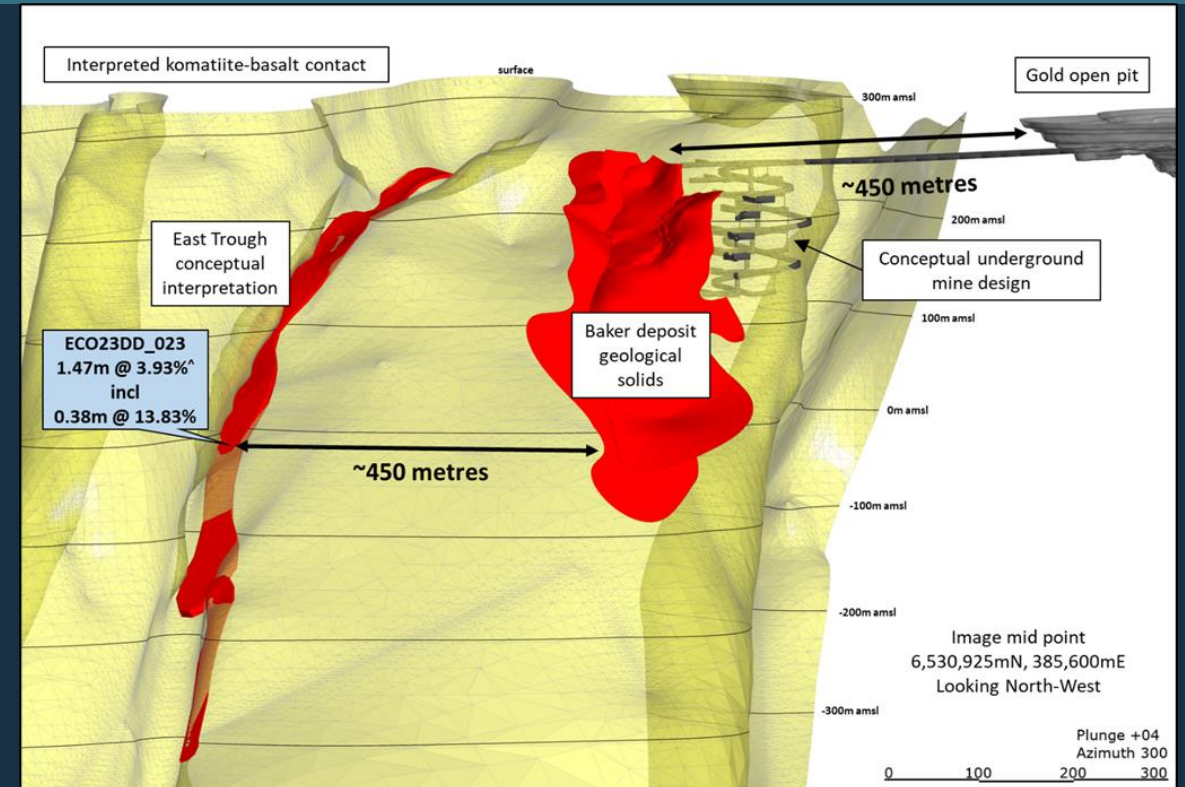
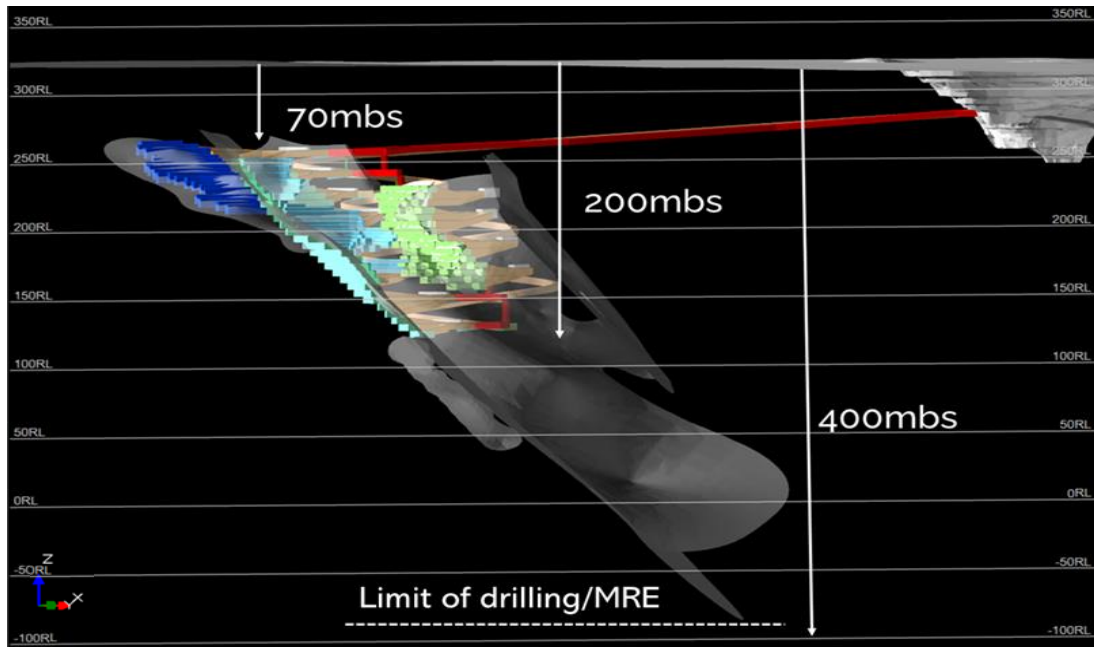


Baker Growth

- PFS considered Indicated MRE only
- Indicated extends to less than 200 metres below surface
- Inferred and deposit open down plunge
- “Contact” Ni sulphides identified

Foster: Scale & Synergy

- Foster host to 1.2Mt @ 3.2% Ni Indicated MRE¹
- Further 0.7Mt @ 2.5% Ni Inferred¹
- Located only 3km to west of Baker



East Trough Prospect

- Just 450m from Baker
- Emerging opportunity for extension to mine life

Exploration portfolio

- Exciting potential identified at Silver Lake
- 2D seismic “walk up” targets
- Long South Gap in “elephant country”

1: Refer to Slide 26 for full breakdown of Mineral Resource

FOSTER : 1.95Mt @ 2.9% Ni (57,000t Ni)*



>9km existing decline development

Permitted

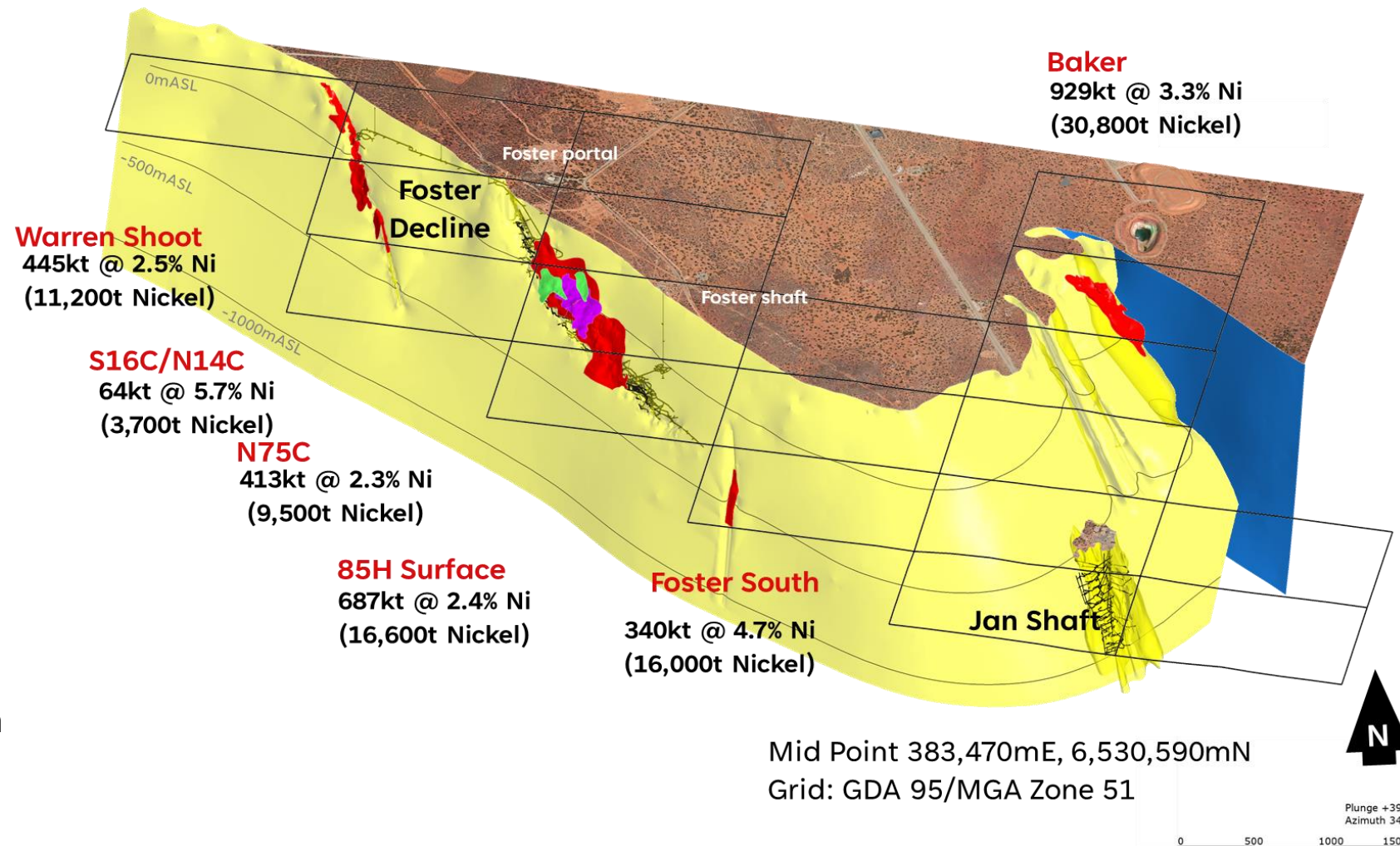
- Dewatering & water discharge
- Existing mining lease
- Key infrastructure in place

Mineral Resource

- Available over 500 vertical metres as workings accessed

PFS studies

- Explore option value of developing with, or after, Baker
- Geotechnical, metallurgical, mine design, mine rehabilitation and dewatering analysis
- Power cost key for dewatering

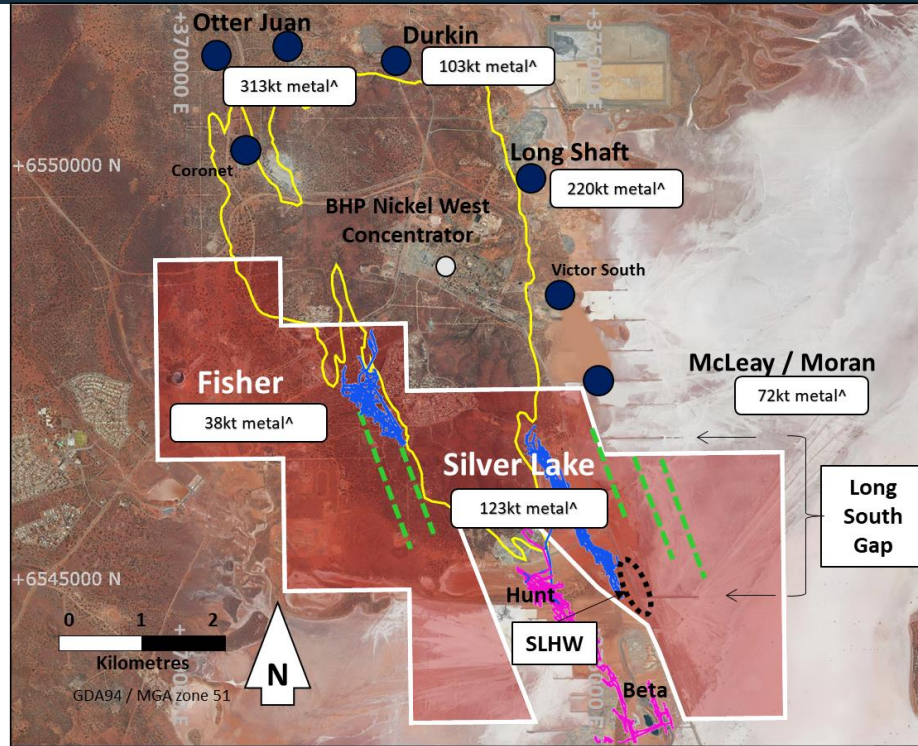


* refer Slide 26 for full breakdown of Mineral Resource

SILVER LAKE/FISHER : LONG SOUTH GAP

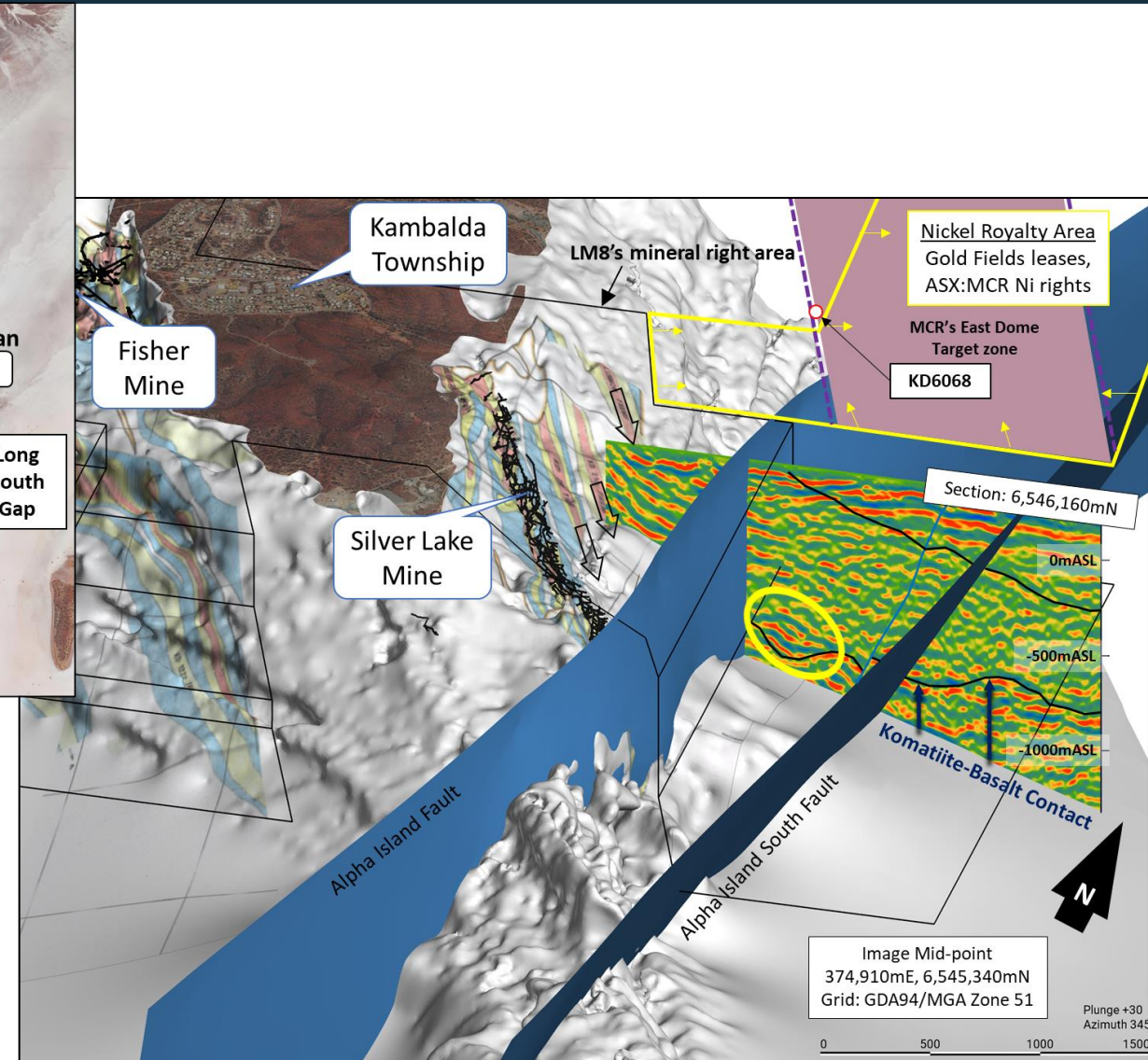


- Southern half of the famous Kambalda Dome
- Adjacent to >0.47Mt of past Ni production[^]
- 2-3km² “gap” with no deep drilling
- Directly along strike from ASX:MCR’s Long Operation (292kt metal produced)[^]



AND

- ASX:MCR’s exciting new East Dome Target Corridor[#]



[^] source: historical WMC production records plus sum of relevant production from relevant ASX company announcements
[#] <https://www.mincor.com.au/site/pdf/f6e77285-80e3-4934-8cd2-38fd1d907fcc/Targets-Statement.pdf>

FUTURE PLANS / NEXT STEPS



TO 31 DECEMBER 2023

- Commence PFS at Foster
 - Metallurgy, geotechnical and mine design for Warren, 85H, S16C/N14C, Foster South
 - Finalise cost to dewater/re-enter Foster decline
- Initiate offtake discussions for Baker
- Refine Baker PFS, engage with contractors, investigate power supply options
- Progress Ngadju discussions
- Continue regulatory approvals for Baker & Foster
- Ongoing KNP discovery program
 - Long South GAP (2D seismic)
 - East and West Trough (Baker area)
 - Historical Core Program
 - Complete 3D Seismic



LUNNON METALS OVERVIEW



Board



Liam Twigger
Non-Executive Chair



Ashley McDonald
Non-Executive Director



Ian Junk
Non-Executive Director



Deborah Lord
Non-Executive Director



Edmund Ainscough
Managing Director



Hayden Bartrop
Chief Financial Officer &
Company Secretary



Aaron Wehrle
Geology & Exploration
Manager



Helen Anderson
Manager - ESG



Nicole Jeanneret
Manager – Stakeholder
Relations/Corp Affairs

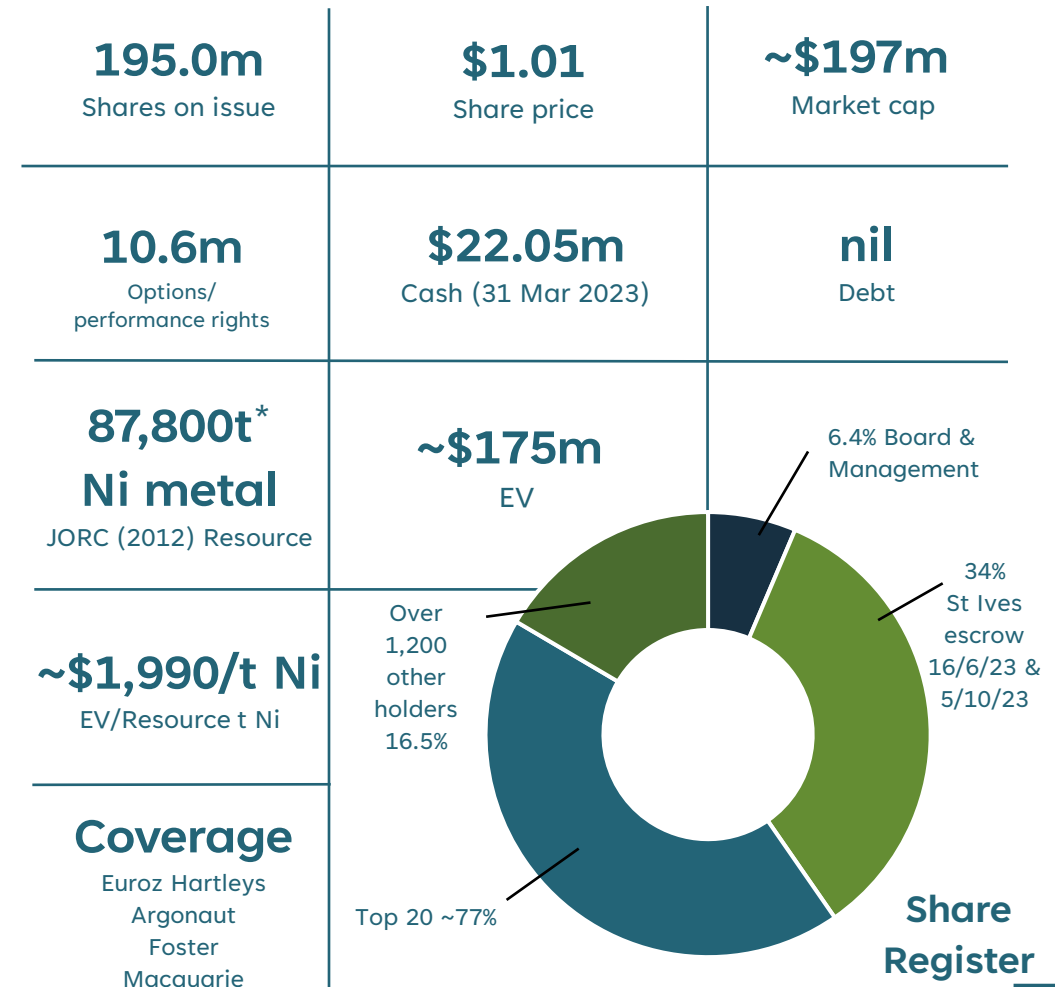


Max Sheppard
Development Manager

Executive

Corporate structure (ASX: LM8)

close on 18 May 2023



totals may not sum due to rounding

** refer Slide 26 for full breakdown of Mineral Resource*

INVESTMENT HIGHLIGHTS



Growth in forward facing commodity



- ✓ 4 historical Ni mines, 1 discovery
- ✓ Aggressive drill campaigns, making discoveries
- ✓ Increasing mineral resources
- ✓ Expanding asset base

Unparalleled Mining Address



- ✓ Long mining history
- ✓ Excellent local infrastructure & services
- ✓ Capital light
- ✓ Two concentrators only 25km & 125km by road

World-Class Ni province



- ✓ Globally significant nickel camp
- ✓ Kambalda - a premium address
- ✓ Unrivalled record of discovery
- ✓ Under-explored assets that missed last boom



IMPORTANT NOTICE

Competent Persons Statement



The information in this report that relates to nickel geology, nickel Mineral Resources, Exploration Target and Exploration Results, is based on, and fairly represents, information and supporting documentation prepared by Mr. Aaron Wehrle, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr. Wehrle is a full-time employee of Lunnon Metals Ltd, a shareholder and holder of employee options; he has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Wehrle consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Information in this report that relates to previous and new metallurgical test results is based on and fairly represents information and supporting documentation compiled by Mr Barry Clouett, a Competent Person who is principal of Clouett Consulting, a company engaged by Lunnon Metals Ltd. Mr Clouett is a Member of the Australasian Institute of Mining and Metallurgy. Mr Clouett is a Lunnon Metals Ltd shareholder. Mr Clouett has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2012 JORC Code. Mr Clouett consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which they appear.

The information in this report that relates to the mining, metallurgical and environmental modifying factors or assumptions as they have been applied to the Company's MREs and subsequent financial analysis is based on, and fairly represents, information and supporting documentation prepared by Mr. Max Sheppard and Mr. Edmund Ainscough, who are Competent Persons and Members of the AusIMM and full time employees of Lunnon Metals Ltd. Mr. Ainscough is a shareholder and both are holders of employee options/performance rights. Both employees have sufficient experience that is relevant to the style of mineralisation, the types of deposit under consideration, the activity that they are undertaking and the relevant factors in the particular location of the Baker deposit, the Foster mine and the KNP generally, to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Sheppard and Mr. Ainscough consent to the inclusion in this announcement of the matters based on their information in the form and context in which it appears.

The information in this report that relates to nickel Ore Reserves at Baker is based on information compiled by Mr. Sheppard, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Sheppard is a full-time employee of the Company and is the holder of employee options/performance rights. Mr. Sheppard has sufficient experience 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Sheppard consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

MINERAL RESOURCES AND ORE RESERVES REPORTING



This presentation contains references to Lunnon's Ore Reserves and Mineral Resources, which are shown in a detailed breakdown below.

Mineral Resources* as at 31 March 2023

	Cut-off (Ni %)	Indicated Ni			Inferred Ni			Total Ni		
		Tonnes	%	Ni Tonnes	Tonnes	%	Ni Tonnes	Tonnes	%	Ni Tonnes
FOSTER MINE										
Warren	1.0	345,000	2.6	8,800	100,000	2.4	2,400	445,000	2.5	11,200
Foster Central										
85H	1.0	387,000	3.3	12,800	300,000	1.3	3,800	687,000	2.4	16,600
N75C	1.0	270,700	2.6	6,900	142,000	1.9	2,600	412,700	2.3	9,500
S16C / N14C	1.0	-	-	-	64,000	5.7	3,700	64,000	5.7	3,700
South	1.0	223,000	4.7	10,500	116,000	4.8	5,500	340,000	4.7	16,000
Sub total		1,225,700	3.2	39,000	722,000	2.5	18,000	1,948,700	2.9	57,000
BAKER AREA										
Baker	1.0	638,000	3.8	24,000	291,000	2.3	6,800	929,000	3.3	30,800
Sub total		638,000	3.8	24,000	291,000	2.3	6,800	929,000	3.3	30,800
TOTAL		1,863,700	3.4	63,000	1,013,000	2.4	24,800	2,877,700	3.1	87,800

* Mineral Resources are inclusive of Ore Reserves

Ore Reserves as at 22 May 2023

Baker	tonnes	Ni %	Cu%	Co%	Pd g/t	Pt g/t	As ppm	Ni metal
Proved	-	-	-	-	-	-	-	-
Probable	612,000	2.86	0.24	0.052	0.49	0.20	110	17,500
Total	612,000	2.86	0.24	0.052	0.49	0.20	110	17,500



IMPORTANT NOTICE AND DISCLAIMER



Exploration Results Reporting

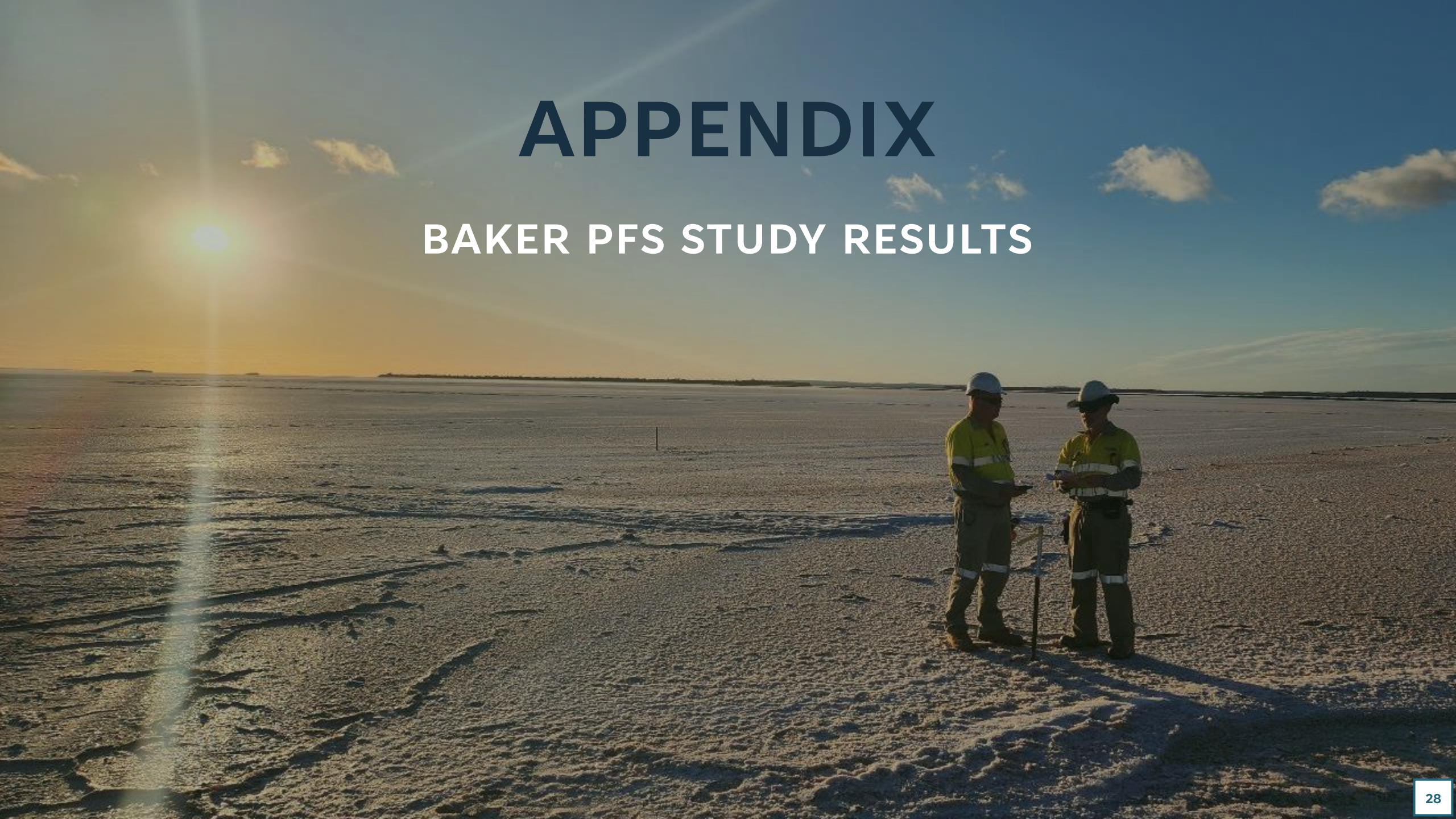
This presentation contains references to Lunnon's exploration results and previous announcements. The information in this presentation that relates to previous exploration results has been extracted from the following Lunnon ASX announcements, where full details including collar co-ordinates, significant assay tables and JORC Table 1, Sections 1 & 2, (and where required Section 3) can be found:

- East Trough Returns 2.0m @ 5.07% Ni (28 Sep 2021)
- East Cooee Records More High Grade Nickel (1 Oct 2021)
- More Nickel at East Cooee Hanging-Wall (19 Oct 2021)
- East Cooee - Exploration Update (Amended) (12 Nov 2021)
- RC Drilling Hits High Grade Nickel at Warren (19 Nov 2021)
- Re-assays Record Excellent Results for N75C (26 Nov 2021)
- Nickel Sulphides Keep Coming at Warren (2 Dec 2021)
- East Cooee Drilling Hits Massive Nickel Sulphides over 6m (3 Dec 2021)
- Logging Confirms Disseminated Nickel Sulphides at Foster (6 Dec 2021)
- KNP Programme Update, Warren Returns 8.72m @ 3.54% Nickel (4 Jan 2022)
- Foster Mine Update - N75C Delivers 7.7m @ 2.92% Nickel (6 Jan 2022)
- Baker Delights - 7m @ 9.22% Nickel (17 Jan 2022)
- Baker - 2.7m @ 10.72% Ni and 10m @ 6.82% Ni (20 Jan 2022)
- Multiple High Grade Nickel Hits at Baker (7 Feb 2022)
- Warren Update - Nickel Sulphides in Down Plunge Drilling (15 Feb 2022)
- Warren Wedge Another Winner (7 Mar 2022)
- WA Government EIS Hole Commences at Kenilworth (31 Mar 2022)
- Warren Wedges Continue to Impress (4 Apr 2022)
- Acquisition of New Nickel Rights Transforms Lunnon Metals (12 Apr 2022)
- N75C Demonstrates Upside of Historical Core Programme (22 Apr 2022)
- Warren Continues to Deliver High Grades at Kambalda (16 May 2022)
- Progress Update for Baker and Kenilworth (27 May 2022)
- Baker First-Time Mineral Resource Tops 15,000t Nickel Metal (14 Jun 2022)
- More Nickel Hits at Warren (05 Jul 2022)
- Baker Infill - Rising to the Top (11 Jul 2022)
- Baker Fires Up - Ni Grades Over 14% in Best Hole to Date (18 Jul 2022)
- Thick, High Grade Nickel Continues at Baker (02 Aug 2022)
- Diggers & Dealers 2022 Company Presentation (03 Aug 2022)
- Northern Lines at Baker Continue to Deliver (22 Aug 2022)
- Baker RC Programme Results Complete (29 Aug 2022)
- Baker Initial Metallurgical Tests Complete (1 Sep 2022)
- Baker Diamond Hole Delivers 6.0m @ 10.95% Ni (28 Sep 2022)
- Company Presentation at 2022 Australian Nickel Conference (06 Oct 2022)
- WA Government EIS Hole Completed at Kenilworth (20 Oct 2022)
- Exploration Target Estimated For Silver Lake (25 Oct 2022)
- Baker Drill Programme Concludes with 9.45m @ 6.94% Ni (3 Nov 2022)
- Latest Assay Results and Update at Warren (14 Nov 2022)
- Foster Nickel Mine - 85H Drilling Results (24 Nov 2022)
- Fabulous Baker Buys Lunnon to 79,300 tonnes of nickel metal (07 Dec 2022)
- Historical Core Programme Adds to Foster Mineral Resource (11 Jan 2023)
- Early Success at Somerset and Warren Programme Concludes (06 Feb 2023)
- Foster 85H Returns Excellent Metallurgical Results (08 Feb 2023)
- Baker Twin Holes Confirm Continuity of Nickel Mineralisation (20 Feb 2023)
- Re-assays Confirm WMC Drilling at Silver Lake Hanging Wall (03 Mar 2023)
- 2D Seismic Trial Kicks Off At Long South/Silver Lake Gap (10 Mar 2023)
- Warren Mineral Resource Increases to 11,200t Contained Ni (31 Mar 2023)
- Baker Pre-Feasibility Study Nears Completion (05 Apr 2023)
- East Trough Records Massive Nickel Sulphides Near Baker (19 Apr 2023)
- 2D Seismic Survey Delivers High Quality Drill Targets (21 Apr 2023)

Copies of these announcements are available at www.asx.com.au or <https://lunnonmetals.com.au/asx-announcements/>. Lunnon confirms that it is not aware of any new information or data that materially affects the information included in those announcements and, in relation to the estimates of Lunnon's Ore Reserves, Mineral Resources and exploration results, that all material assumptions and technical parameters underpinning the estimates in the announcement continue to apply and have not materially changed. Lunnon confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those announcements.

APPENDIX

BAKER PFS STUDY RESULTS



KEY FINANCIAL ASSUMPTIONS



Assumption	Unit	Assumption Value	Spot Price or Current Rate (as at 18 May 23)
Nickel Price ¹	US\$/t	24,000	21,334
Copper Price ¹	US\$/t	7,500	8,302
Cobalt Price ¹	US\$/t	40,000	34,930
Platinum Price ¹	US\$/oz	850	988
Palladium Price ¹	US\$/oz	1,250	1,356
AUD:USD	A\$1:US\$	0.68	0.66 ²
Inflation [#]	%	0	7.0% ³
Discount Rate	%	8	N/A
Model Start Date [#]	Date	1 April 2024	N/A
Corporate Tax Rate ⁴	%	30	30
Accumulated Tax Losses ⁵	A\$M	30	N/A
Diesel Price (after rebate) ⁶	A\$/litre	1.32	1.39
State Royalties ⁷	% of contained metal	2.5	2.5

Unless otherwise stated, all financial values are as of calendar quarter 2, 2023. No allowance has been made for escalation or inflation. Model start date is for project commencement and NPV calculation.

1: Commodity prices assume a flat price over the LOM. Spot Prices are the 3 month delivery closing price specified by the LME on the relevant date for nickel, copper and cobalt. Spot prices are the EUR – PM specified on the relevant date for platinum and palladium by the LME.

2: The spot price for AUD:USD is the rate as at 4pm Sydney Time on the specified date published by the Reserve Bank of Australia.

3: The current rate of inflation is based on the Consumer Price Index, Australia for the 12 months to the March 2023 quarter, published by the Australian Bureau of Statistics.

4: Corporate tax rate is 25% if aggregated turnover is less than A\$50M in any financial year. No assumption has been made for the 25% rate.

5: Accumulated tax losses is an estimate of tax losses to 31 March 2024 and is not based on audited numbers or completed tax returns.

6: The diesel fuel rebate for liquids fuels for other business uses (excluding travelling on public roads) to 30 June 2023 is currently 47.7c per litre. The current rate of diesel is the Regional Average retail rate for diesel in Western Australia for the week 8 May 2023 – 14 May 2023 by Fuel Watch (WA), less the current diesel fuel rebate.

7: State royalties are calculated on the value of the contained metal, not the payable metal.



PROJECT APPROVALS



Mining Lease & Mining Proposal

- 100% granted Mining Leases
- PFS will inform the Mining Proposal
- Minimal regulatory hurdles left

Third party access

- Access agreements already in place for all key infrastructure
- Dumps, RoM, access corridors secure

Financial Investment Decision Pre-requisites

- Incorporate Foster PFS results
- Negotiate / execute offtake
- Secure contractor rates/availability
- Complete regulatory approvals

Native Title & Aboriginal Heritage

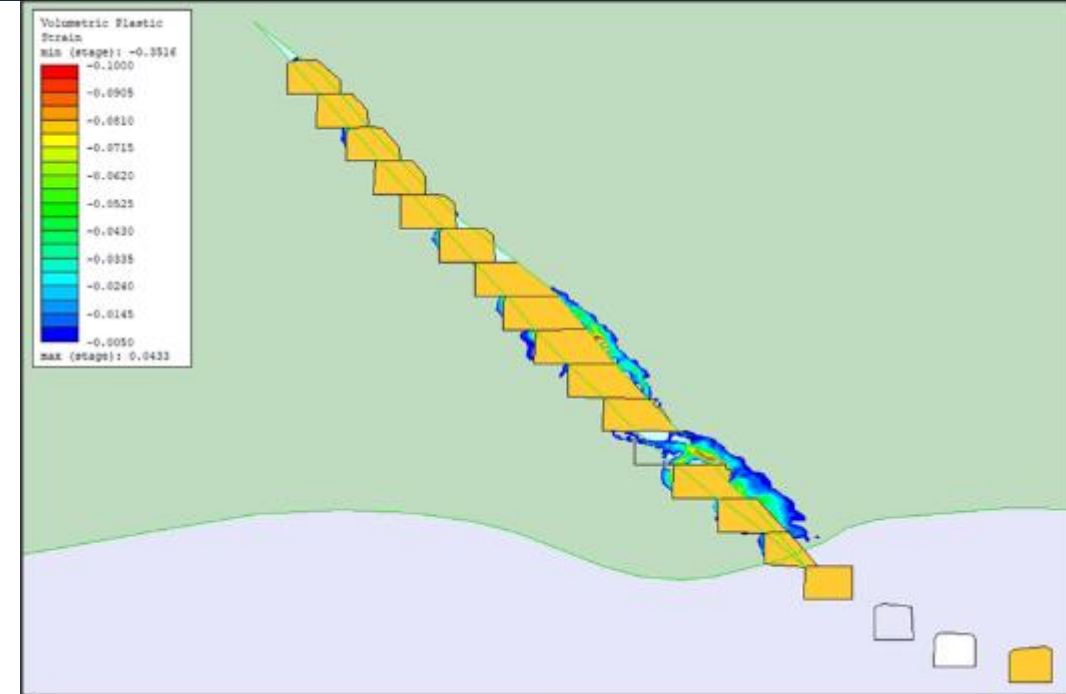
- Ngadju title determined
- LM8 negotiating agreement
- Mutually beneficial, includes bullet and annual payments tba

Environmental

- The following already permitted:
 - Licence to Take Water
 - Prescribed Premises Licence (*discharge mine dewatering*)
- Less than 10 hectares to be cleared

>20KM OF DRILLING, ENVIABLE DATA DENSITY PRE-START UP

- Nearly all capital development in “strong” footwall basalt
- Modelling drove mine method choice
- Metallurgy testing at domain and deposit levels
- Test samples select to mirror average Ni grades and reflect diluted mining widths
- Premium concentrate, high in saleable Ni, Cu, Co +/- Pd/Pt
- High S% and Fe:MgO ratios
- Low in deleterious elements e.g. As



Result	Ore Domain Specific Metallurgical Samples					BMC
	MOB02	BOF02	MOB03A	MOB03B	BOF01	Average
Head Grade (%Ni)	3.8	2.94	7.43	6.76	4.27	2.81
Recovery (%Ni)	92.1	83.4	94.2	95.9	91.8	86.0
Concentrate Grade (% Ni)	14.7	17.7	14.3	13.7	14.2	16.9
Concentrate Grade (% Cu)	1.00	1.93	1.00	2.96	1.52	1.53
Concentrate Grade (% Co)	0.29	0.32	0.23	0.20	0.25	0.30
Fe:MgO (in Concentrate)	27.6	11.1	19.1	17.0	16.3	16.8
As (ppm) (in Concentrate)	271	<20	<20	<20	319	95

KAMBALDA

AN UNRIVALLED DISCOVERY RECORD



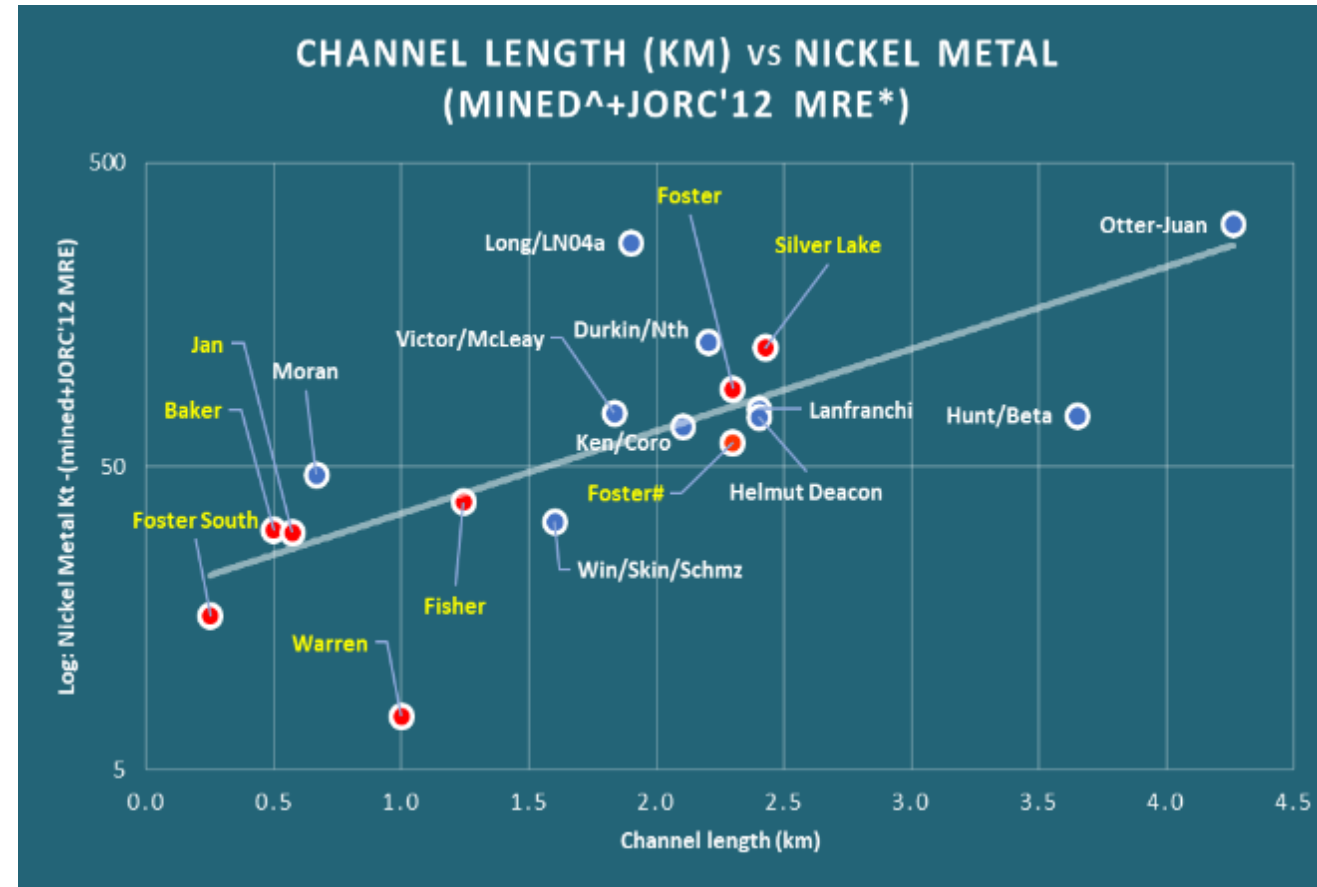
Channel length vs nickel metal

Direct correlation

- Known channel length is a function of time/exploration effort...
- ...which also drives metal discovered or mined
- 5 of the 6 “shortest” length channels sit within LM8’s portfolio
- Why? Due principally to:
 - just having been discovered (Baker); or
 - having missed out on years of modern exploration

Foster & Silver Lake

- Currently, two of the best endowed channels
- But a large “gap” exists between Silver Lake and Otter-Juan/Long



[^]source: historical WMC production records and sum of relevant production from ASX company announcements, private, internal research of Kambalda deposits’ physical characteristics.
 *MRE: sum of relevant ASX company JORC Code (2012) statements.
 Foster#: MRE at IPO and prior to post IPO work program.