

## QUARTERLY ACTIVITIES REPORT

24 JANUARY 2023

For the period ended 31 December 2022

---

### HIGHLIGHTS

- **Updated Mineral Resource Estimate (MRE) for Baker materially increased to 929,000 tonnes at 3.3% nickel for 30,800 contained nickel tonnes<sup>1</sup>**
- **Baker Indicated Resource:**
  - **grades 3.8% Ni<sup>2</sup> and represents 78% of contained nickel metal**
  - **now nearly three times larger and 37% higher grade than reported in June 2022**
- **Baker confirmed as cornerstone asset less than 12 months after first high-grade nickel assays heralded its discovery on 17 January 2022**
- **Culmination of 15km reverse circulation (RC) and 4.8km of diamond drilling (DD) at Baker since Initial Public Offering (IPO)**
- **Warren channel discovery programme continues to deliver significant nickel sulphides**
- **Exploration Target estimated at Silver Lake Hanging Wall after completion of acquisition of new nickel rights from Gold Fields Ltd at Silver Lake and Fisher**
- **Metallurgical programmes at Baker, 85H and Warren in full swing with permitting activities advancing smoothly**

---

### CORPORATE

- 31 December 2022 cash balance of \$25.1 million (30 September 2022: \$27.5 million)
- Hayden Bartrop commenced as Chief Financial Officer on 3 January 2023
- Announcement of a Company-wide Incentive Scheme:
  - to align employees with the strategic goals of the Company and retain the leadership team
  - to seek to generate long-term shareholder value by setting significant performance hurdles that will have a beneficial and material impact on the Company's enterprise value
  - Managing Director to be invited to participate, subject to shareholder approval

---

<sup>1</sup> Refer to page 19 of this report for the MRE breakdown.

<sup>2</sup> Refer to the full Mineral Resource table on page 19 of this report for a detailed breakdown.

## MARCH QUARTER 2023 OUTLOOK

---

- Economic and technical studies to be the focus at the Baker deposit
- Baker studies will include mine design, scheduling, estimation of capital access costs and future operating costs of mining
- Initiate discussions with potential ore tolling and concentrate purchase partners with respect to the metallurgical recovery and payability terms of future Baker nickel sulphide production
- Target is the possible future declaration of a Probable Ore Reserve
- Continue to advance the Mining Proposal/Mine Closure Plan for Baker and Foster
- Warren MRE update once all high priority assays returned
- Award 3D seismic contract for Long South-Silver Lake "Gap"
- Drill test Silver Lake Hanging Wall Exploration Target
- Apply the Historical Core Programme (**HCP**) at Foster, Silver Lake and Fisher

Commenting on the December 2022 quarter, **Managing Director Ed Ainscough** said:

*"Since listing, each successive quarter to date has reached a fitting climax, underpinned by the discovery of Baker with first nickel sulphides logged (December 2021), completion of the first RC/DD programme (March 2022), first time Mineral Resource Estimate (**MRE**) for Baker in the June 2022 quarter and then Baker's best ever drill intercepts reported last quarter. To finish the December 2022 quarter and calendar year off with such a fabulous Baker MRE update delivering a total of over 30,000t of nickel metal at above 3.0% exceeded our expectations. After a short break to draw breath, the team is back in 2023 aiming to consolidate on this success and deliver on our new mission statement to **"Bring the Best of Kambalda to the Clean Energy Transition."***

Lunnon Metals Limited (**ASX: LM8**) (the **Company** or **Lunnon Metals**) is pleased to report on activities during the December 2022 quarter.

## KAMBALDA NICKEL PROJECT (KNP)

---

### Safety, Environment and Community

No significant safety or environmental incidents occurred during the quarter.

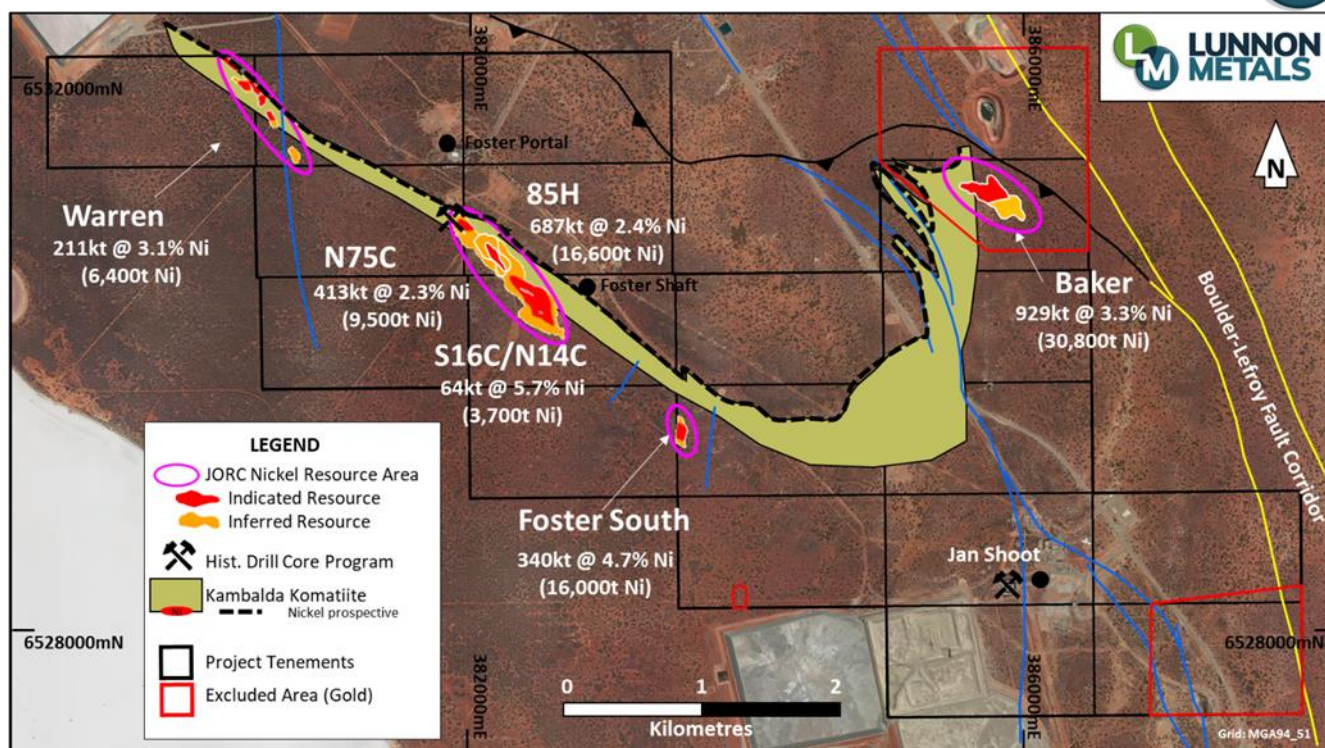
There was no material impact from Covid-19 on activities at the KNP or in the Perth office.

The Company continues to progress discussions with the Ngadju Native Title Aboriginal Corporation towards a formal agreement detailing the manner by which the Company and the Ngadju people can develop a mutually beneficial relationship if the Foster-Baker elements of the KNP progress towards development and future production.

### Drilling Programme Physicals

Total project to date drill metres stands at just over 46,500m, some 66% more metres than the original plan of 28,000m presented in the Company's June 2021 Prospectus. Approximately 2,250m of this total was completed in the December quarter, all DD, with 11 holes completed (15 holes in the September 2022 quarter) and no RC completed (compared to 17 holes during the previous quarter, when the Baker infill programme concluded).

Warren was the key focus of drilling activity in the December 2022 quarter. In total, over 9,400m (39 holes) have now been drilled into the Warren channel since the Company listed in June 2021, with a MRE update due once all high priority assay results are returned from the current campaign. The Company again highlights that all RC and DD holes completed which have intersected potentially economic mineralisation at Baker, Warren or Foster are subject to a programme of grouting from end of hole to above the nickel intercept of interest for future safety and operational control purposes.



**Figure 1:** Plan of the Foster-Baker component of the Kambalda Nickel Project showing location of reported programmes and the current Mineral Resource (as at 11 January 2022) represented in plan projection with addition of updated Baker Mineral Resource and S16C/N14C Mineral Resource figures.

## FOSTER-BAKER PROJECT – DISCOVERY PROGRAMME

### Baker Deposit

The December quarter was dominated by technical work relating to the planned update to the Baker MRE. This included a complete geological and lithostratigraphic re-interpretation based on the 15km of RC drilling and 4.8km of DD completed since June 2021, some 105 holes in total. The Company now considers Baker to be its cornerstone asset.

The new Baker MRE stands at **929,000 tonnes @ 3.3% nickel for 30,800 contained nickel tonnes**, comprising:

- 638,000 tonnes @ 3.8% Ni for 24,000 nickel tonnes in Indicated Resource; and
- 291,000 tonnes @ 2.3% Ni for 6,800 nickel tonnes in Inferred Resource.

As at the time of the Baker MRE announcement, the result increased Lunnon Metals' global MRE across the KNP to 2.6 million tonnes @ 3.1% nickel for 79,300 contained nickel tonnes<sup>3</sup>, a 23% increase in contained metal since the first-time Baker MRE was reported in June 2022. Since Lunnon Metals listed in June 2021, the global MRE at KNP has grown by 103% in contained nickel metal terms.

The Company reported that the aggressive drilling campaign had provided sufficient additional data to support a higher total tonnage being classified as an Indicated Resource within the MRE (up nearly threefold from June 2022) and a resultant higher proportion (78%) of Indicated Resource as compared to the lower confidence Inferred Resource category. The Indicated Resource grade has also improved by 37% to 3.8% Ni.

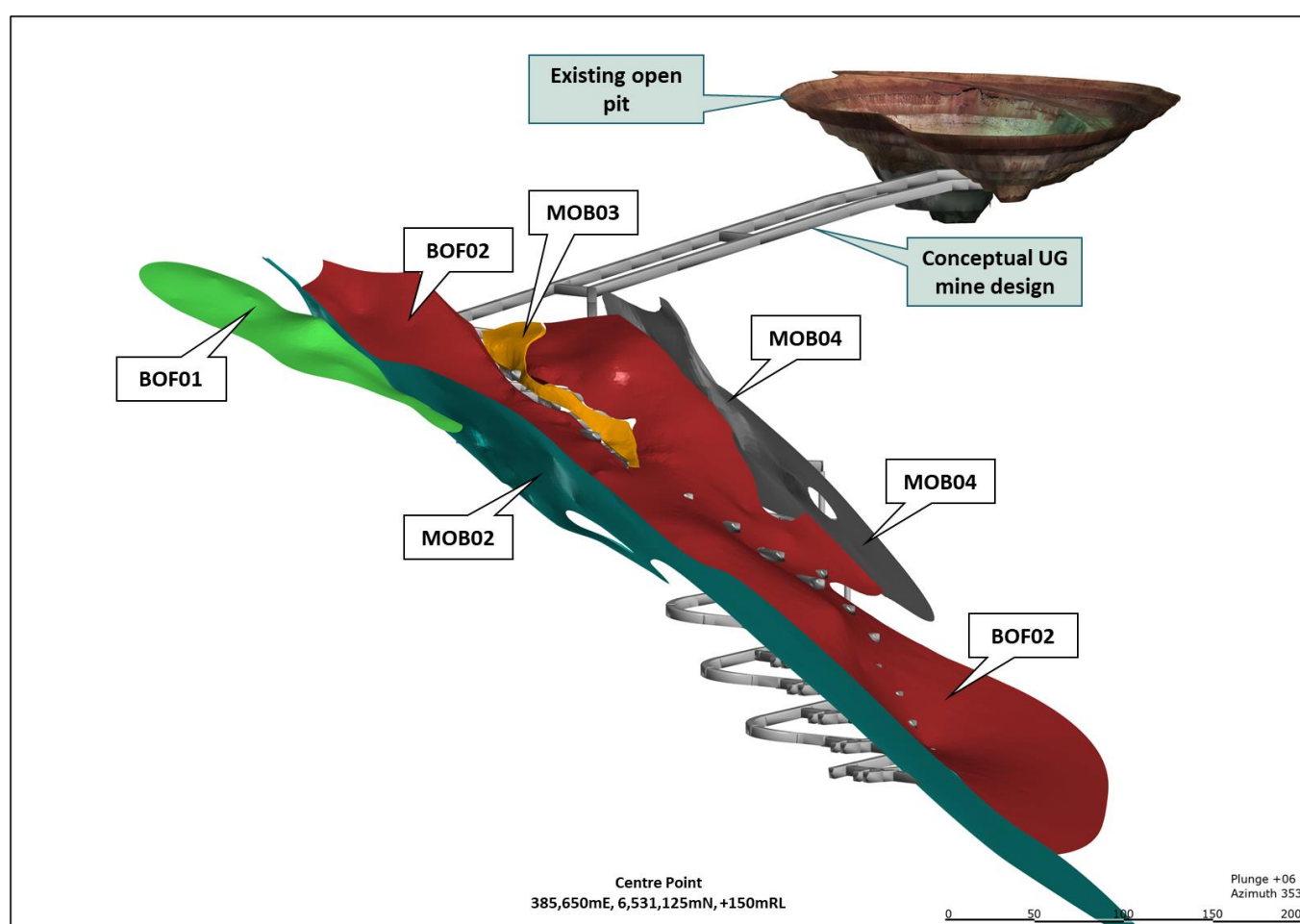
The Inferred Resource presents an opportunity for select infill drilling to grow the Indicated Resource further. However, although the Baker deposit is still open down plunge to the south east beyond the limits of the Inferred Resource, advancing the technical and mine design studies are now the priority for the Company. Baker's down

<sup>3</sup> The Company's global MRE across the KNP increased further following the MRE for S16C and N14C surfaces announced on ASX dated 11 January 2023. Refer to the Company's full Mineral Resource table on page 19 of this report for detailed breakdown as at 11 January 2023.

plunge potential is more accurately and efficiently targeted in a future underground development scenario, should it proceed. Full details of the MRE update at Baker are contained in the ASX announcement dated 7 December 2022.

The updated MRE positions the Company to fast track Baker by commencing mine design and scheduling in the March 2023 quarter. Metallurgical and geotechnical studies have been ongoing as the drilling programme and MRE update progressed. Coupled with significant advances on the permitting front, the Company is well placed to continue reporting steady progress at Baker throughout 2023 and towards a potential Final Investment Decision (**FID**).

As previously reported, in parallel to rapidly advancing Baker, the Company is progressing permitting activities to dewater Foster and possibly use neighbouring infrastructure such as the West Idough open pit (for the conceptual Baker decline portal location – see Figure 2 below), existing waste dumps and dewatering corridors.



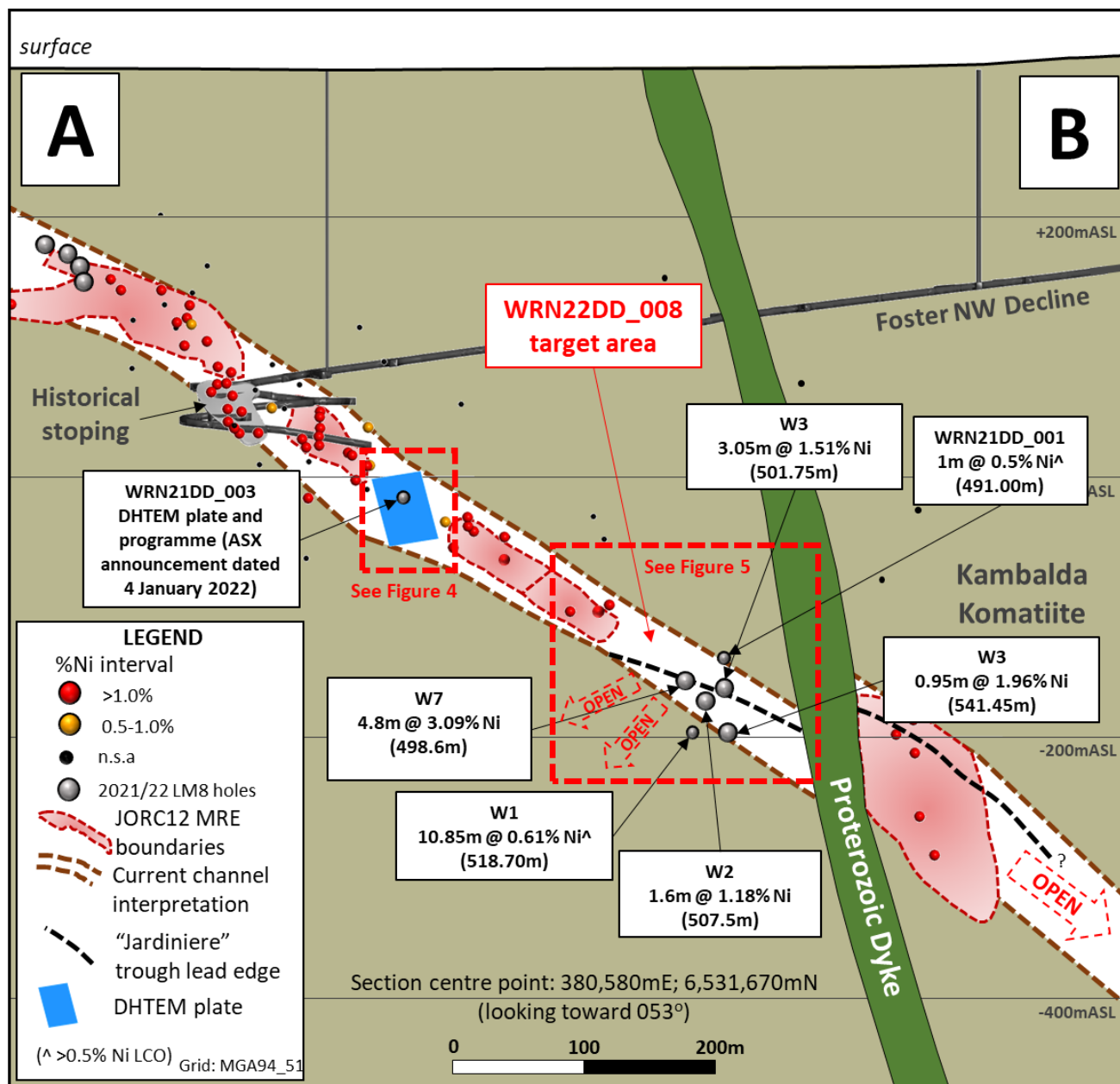
**Figure 2:** Isometric view of the Baker mineralised surfaces looking north – coloured solids represent modelled sub-domains as labelled and preliminary conceptual underground decline design commencing in the adjacent historical West Idough gold open pit.



## Warren Shoot

Lunnon Metals' programmes throughout 2022 at Warren have been designed to demonstrate that this separate channel has the potential to host substantially more than the current MRE of 6,400t<sup>4</sup> nickel. For comparison, the Foster channel, 1.5km to the immediate south-east, has an endowment of just under 107,000t of nickel at 2.92% Ni (>61,000t mined previously up to 1994 and 45,800t<sup>5</sup> in the Company's current JORC Code (2012) MRE).

The Company has targeted the prospective nickel contact between the very broad drill spacing left by WMC Resources Ltd (**WMC**) when the mine closed in 1994. Success at Warren may enable the Company to extend its grade estimation, with the objective of linking up and joining areas already reported in the MRE with those areas currently being successfully tested.



**Figure 3:** Long projection (looking northeast) of the Warren channel and inset figure locations of two main DD programmes conducted in 2022.

<sup>4</sup> Full details of the MRE reported at Warren were included in the Prospectus and associated ITAR lodged on the ASX on 11 June 2021. A full breakdown of the current KNP MRE is tabulated and appended to this report.

<sup>5</sup> Refer to the Company's full Mineral Resource table on page 19 of this report for detailed breakdown as at 11 January 2023..

The surface DD campaigns to date can be grouped into two separate programmes as follows:

### “Warren 3” Down-Hole Transient Electro-Magnetic (DHTEM) Plate

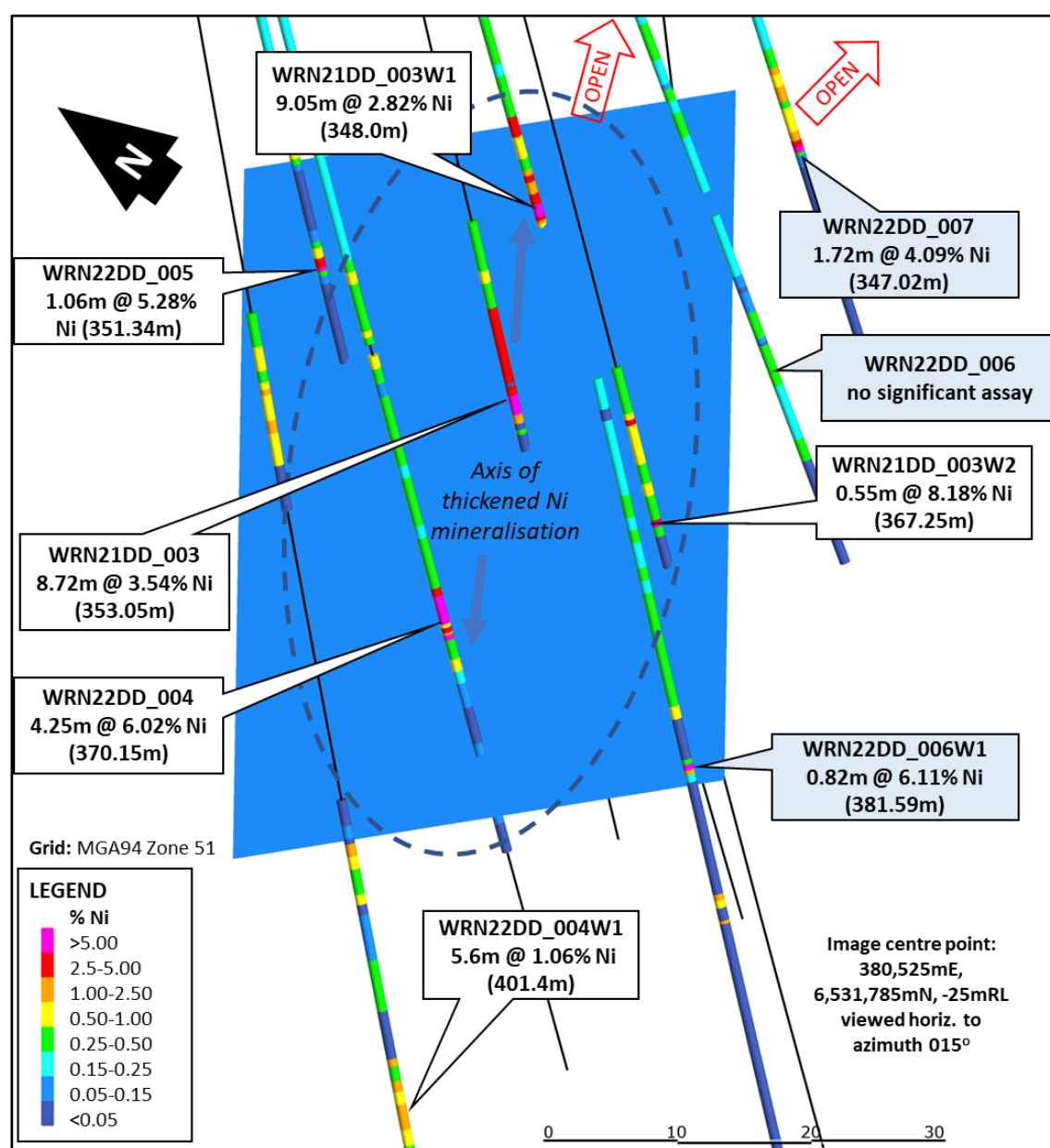
As reported at the start of the 2022 year, the 2021 DHTEM surveying of parent hole WRN21DD\_003 recorded a high conductance, late time response modelled as a 55m x 40m plate. Nickel sulphide mineralisation in that hole (8.72m @ 3.54% Ni reported 4 January 2022) and in the first wedge (W1) (9.05m @ 2.82% Ni reported 4 April 2022) coincided with this plate and was on the prospective komatiite-basalt contact. DD drilling ultimately recorded nine individual pierce points into the DHTEM plate target through the course of 2022, with assay results for the last holes received during the quarter as follows (above a 1.0% Ni cut off):

#### WRN22DD\_006W1

- 0.82m @ 6.11% Ni, 0.14% Cu, 0.08% Co, 1.45g/t Pd & 0.71g/t Pt (381.59m);

#### WRN22DD\_007

- 1.72m @ 4.09% Ni, 0.25% Cu, 0.10% Co, 1.41g/t Pd & 0.46g/t Pt (347.02m).



**Figure 4:** Isometric view of the “Warren 3” DHTEM conductive plate (looking north-northeast) showing all nine drill hole traces for Lunnon Metals’ programme – last reported assay results shaded blue background.



The DD campaign has identified an axis of thickened nickel sulphide mineralisation down the middle of the plate in the dip direction. Away from this long axis i.e. up and down the main channel plunge to the north and south, the nickel mineralisation narrows. The nickel shoot at this target position now presents as an irregular oval shaped pod with a current extent measuring over 90 metres x 50 metres, compared to the original surveyed 55 metres x 40 metres rectangular DHTM plate.

Mineralisation currently remains open up-dip above WRN21DD\_003W1 and WRN22DD\_007.

### **“Warren 1” Down-Plunge Drill Programme**

The other key programme at Warren during 2022 targeted nickel mineralisation adjacent to hole WRN21DD\_001 which intersected the Warren channel approximately 300m further down-plunge from the “Warren 3” DHTM Plate (see ASX lodgement dated 4 April 2022 for summary).

During the December quarter, 7 further DD holes were completed with the latest results reported on 16 December 2022. These holes were located up-plunge of an earlier result recorded in WRN21DD\_001W7 (**4.8m @ 3.09% Ni**)<sup>6</sup>. Assay results were returned for hole WRN22DD\_008 and associated wedges W1, W2, W3 and W5. Assay results above a 1.0% Ni cut off were:

#### **WRN22DD\_008W5**

- **7.48m @ 4.46% Ni, 0.44% Cu, 0.09% Co, 1.71g/t Pd & 0.58g/t Pt** (482.84m).

#### **WRN22DD\_008**

- **4.35m @ 1.24% Ni, 0.14% Cu, 0.03% Co, 0.44g/t Pd & 0.19g/t Pt** (503.55m);

#### **WRN22DD\_008W1**

- **2.50m @ 1.75% Ni, 0.19% Cu, 0.04% Co, 0.85g/t Pd & 0.17g/t Pt** (485.50m);
- **1.55m @ 2.95% Ni, 0.23% Cu, 0.06% Co, 0.98g/t Pd & 0.37g/t Pt** (499.45m);

#### **WRN22DD\_008W2**

- **1.50m @ 2.30% Ni, 0.29% Cu, 0.06% Co, 1.00g/t Pd & 0.39g/t Pt** (482.30m);
- **1.50m @ 4.99% Ni, 0.45% Cu, 0.09% Co, 1.78g/t Pd & 0.48g/t Pt** (500.56m);

#### **WRN22DD\_008W3**

- **1.30m @ 1.50% Ni, 0.17% Cu, 0.03% Co, 0.54g/t Pd & 0.26g/t Pt** (489.00m).

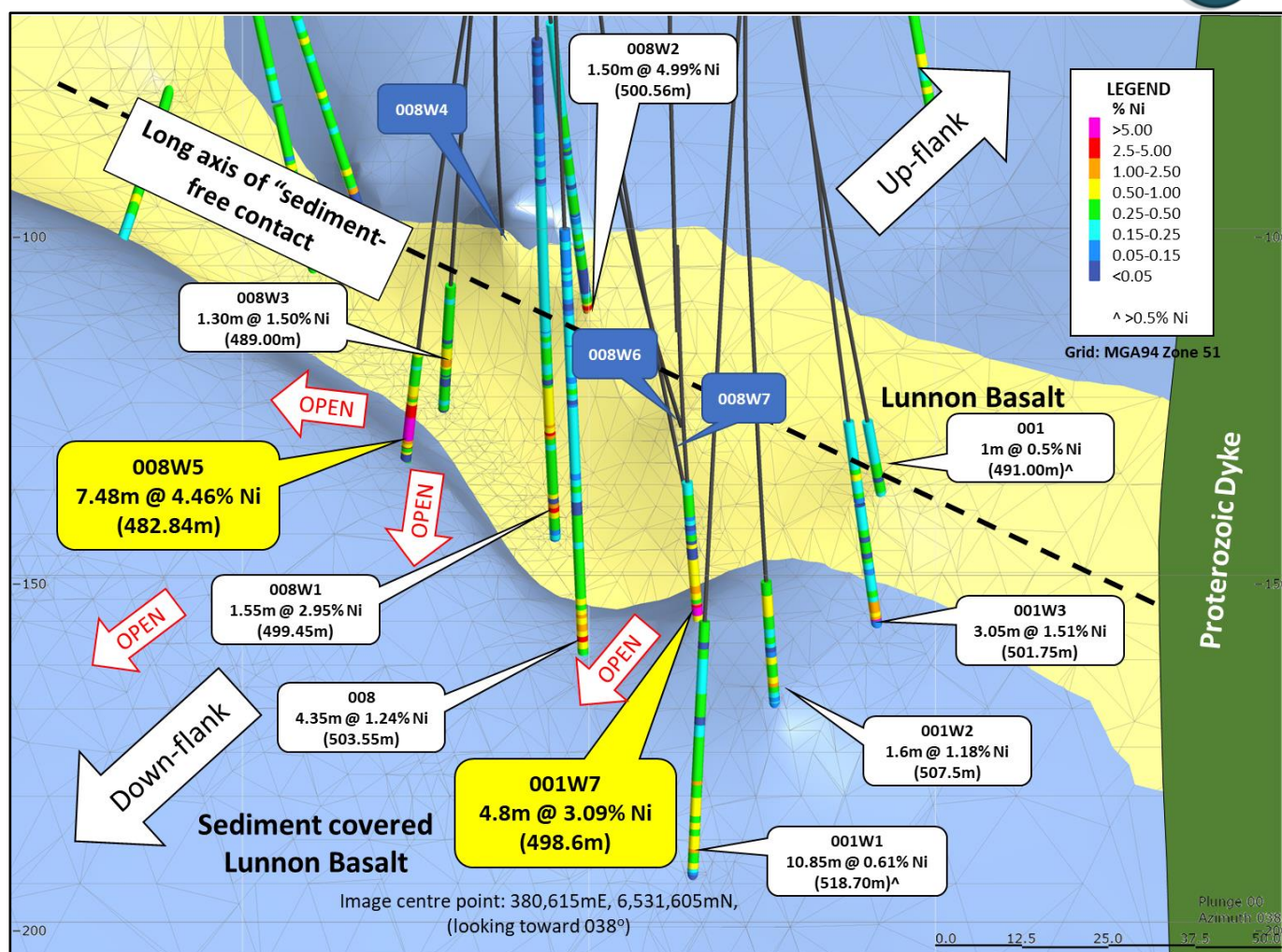
*Note: true widths are interpreted to be 75%-85% of drilled widths.*

Importantly, these new results included a further significant nickel sulphide intercept directly atop the sediment covered footwall basalt contact on the down-dip (or down-flank) side of the main interpreted channel position. This has the potential to open up a significant new exploration space for the Company as historically these positions were not considered to be prospective for nickel.

The planned update to the MRE will be conducted as soon as all assay results for high priority holes are returned. The Warren MRE update will include all drilling completed at Warren since the Company listed on the ASX (June 2021) and once complete, will be reported in the March 2023 quarter. Surface drilling at Warren has now paused pending this process.

Following the Warren MRE update, a review will be undertaken to assess the best means by which the exciting potential at Warren may be defined, including the possibility of a new exploration search space on the sediment covered flanks of the channel, taking into account the potential for future underground access to Warren via the Foster portal and decline.

<sup>6</sup> ASX announcement dated 4 April 2022



**Figure 5:** Isometric view of the Lunnon Metals' programme focussed on the down-plunge, WRN21DD\_001 area – pending assay results shaded blue background (prefixes for 001 holes are WRN21DD and for 008 holes, WRN22DD).

## KENILWORTH (WA EIS PROGRAMME)-SOMERSET-NORTH JAN

Deep DD data collection and reporting at the Kenilworth target, part of the Western Australian (WA) government's Exploration Incentive Scheme (EIS) programme was completed during the December quarter. The Company acknowledges the contribution of the WA government's EIS Grant towards the funding of this hole.

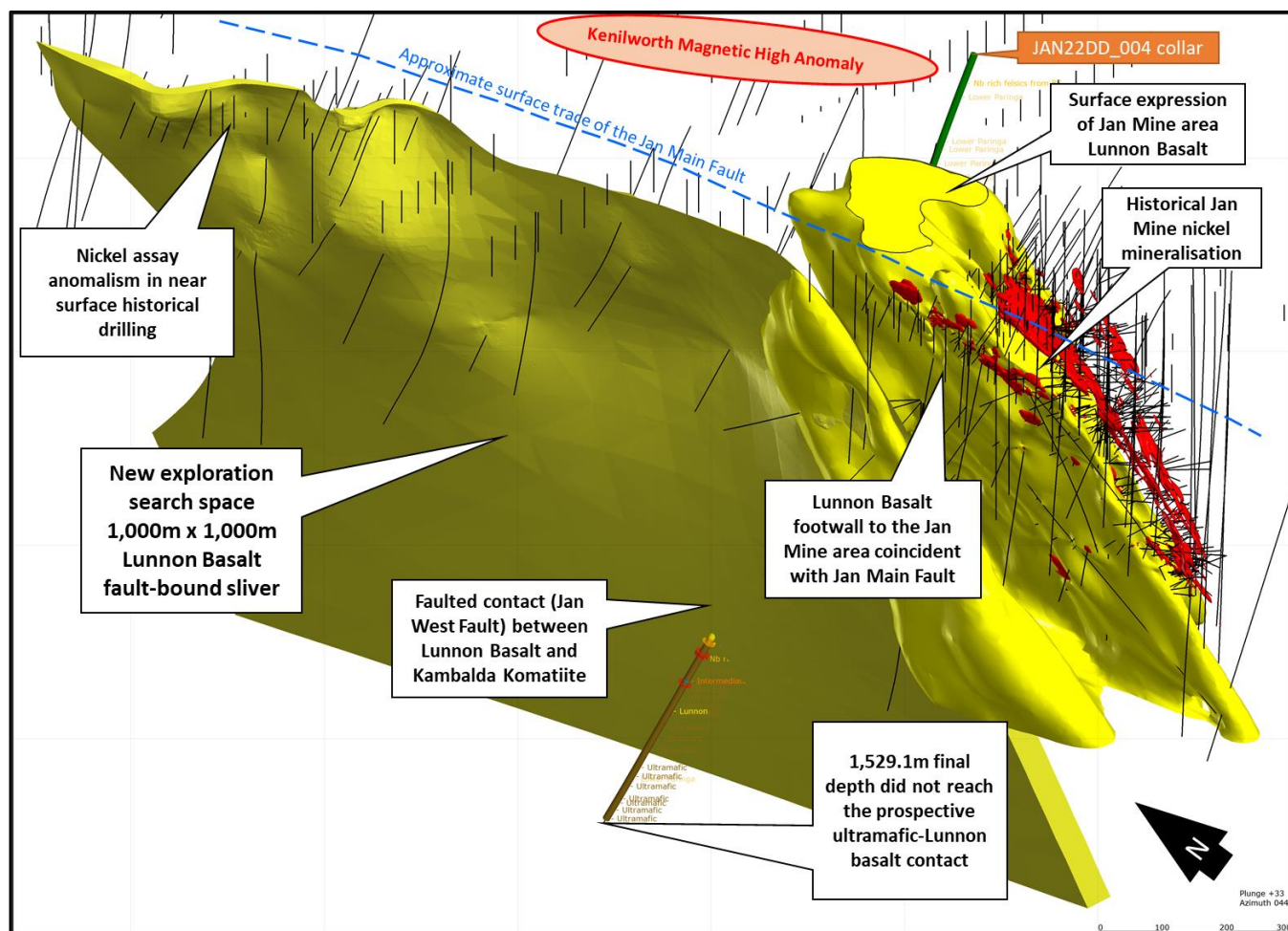
Drill hole JAN22DD\_004, drilled to a final depth of 1,529.1m, aimed to test and explain an 800m long, surface geophysical magnetic anomaly. It was suggested that the anomaly could be the result of either a massive sulphide deposit at depth on the nickeliferous komatiite-Lunnon Basalt contact, or a higher-level magnetic dolerite interpreted as a possible host rock for gold mineralisation within a structurally complex zone north of the historical Jan nickel mine.

Although extended beyond an initial design depth of 1,450m, the hole failed to intersect the komatiite-basalt contact before drilling difficulties ended the hole. Equally, no magnetic dolerite was intersected in the hole. As a result of this work, the most likely cause of the Kenilworth magnetic anomaly was suggested to be an easterly dipping magnetic dolerite (likely Defiance Dolerite) located immediately north of hole JAN22DD\_004, which was intersected near surface in the sighter hole programme (referenced in the December 2021 Quarterly Activities Report). Although not directly intersected in the EIS hole, the Defiance Dolerite remains a valid gold host rock in the area. The programme delivered several significant outcomes which have implications for ongoing nickel and gold exploration, including:

- Nickel prospectivity of the komatiite stratigraphy at depth



- Observation of important structures in the interpreted North Jan Thrust Complex
- Identification of basement Lunnon Basalt stratigraphy higher in the hole revealing potential new exploration search space



**Figure 6:** Isometric view looking downwards toward the north-east centred on 386,040mE and 6,529,150mN (GDA94 MGA zone 51) showing extrapolated 1,000m x 1,000m Lunnon Basalt sliver from JAN22DD\_004 drill hole intercept through to shallower historical drill holes closer to surface. It is now interpreted that this Lunnon basalt sliver extends northwards from the Jan Mine Lunnon Basalt footwall.

## FOSTER HISTORICAL CORE PROGRAMME (HCP)

The HCP was a key strategic programme in the Company's Prospectus and 2-Year Work Plan at the time of its IPO in June 2021.

### S16C/N14C

The HCP continued at Foster nickel mine, however, the exercise that was ongoing during the quarter relating to the S16C surface was expanded to include an adjacent sub-surface termed the N14C. Both these mineralised surfaces are in a "flanking" position up-dip from the main Foster nickel channel and at the base of the Kambalda Komatiite on the Lunnon Basalt footwall contact.

The S16C/N14C surfaces are on the footwall side of a later intrusive dyke which splits the surface from the N75C mineralisation (first-time MRE previously reported on 22 April 2022) which itself is on the hanging wall side of the same intrusive dyke. Both the N14C and S16C domains, while relatively narrow, are quite high grade owing to their position at the base of the typical komatiite mineralisation profile, i.e. against the footwall where the massive sulphides tend to accumulate.



Both the S16C and N14C have been previously mined, the N14C more so, and both mapped in underground backs mapping. The Company check logged and resampled a representative number of the intersecting holes during the quarter to verify the historical data, whilst collecting SG data at the same time from those same holes.

A MRE for S16C and N14C surfaces was reported post December quarter end by ASX announcement dated 11 January 2023, delivering an initial Inferred Mineral Resource of **64,000 tonnes at 5.7% nickel for 3,700 contained nickel tonnes** and increasing the total MRE accessible from the Foster nickel mine decline to 1.7 million tonnes at 3.0% nickel for 52,200 contained nickel tonnes<sup>7</sup>.

## SILVER LAKE-FISHER (SLF) PROJECT DISCOVERY PROGRAMME

---

The previously announced transaction to acquire nickel rights over the historical WMC nickel mines of Silver Lake and Fisher (see ASX announcement dated 12 April 2022) was completed in early October 2022. Silver Lake and Fisher nickel mines shut in 1986 and 1988 respectively having produced a total of over 161,000 tonnes of nickel metal up to that point. The mines and their associated prospective belts are located in the highly endowed Kambalda Dome, where over 1.1 million tonnes of nickel metal has been mined since the discovery of the Kambalda Nickel District by Dr Roy Woodall in January 1966. To the immediate north are the Northern Operations (Durkin North, Long Shaft) operated by Mincor Resources NL and to the south, the Beta/Hunt Nickel and Gold mine, operated by TSX listed Karora Resources.

The Company plans to execute a three-tiered programme designed to maximise the discovery potential of this new tenure, involving 3D seismic surveys, direct targeting of potential high-grade shoots within nickel mineralisation previously defined by WMC's DD (seeking to emulate the success the Company has achieved with the discovery of the Baker deposit on its southern project area) and application of the Company's HCP. The objective is to define and then grow a JORC Code (2012) compliant MRE at the SLF. The Company has access to up to 260km of historical Silver Lake and Fisher DD core stored at WMC/Gold Fields' previous Kambalda Core Farm and will target conversion of nickel sulphide mineralisation documented on geological plans, cross-sections and past WMC Kambalda Nickel Operations "Ore Reserves" plans to JORC Code (2012) compliant MRE.

### Silver Lake Hanging Wall Exploration Target

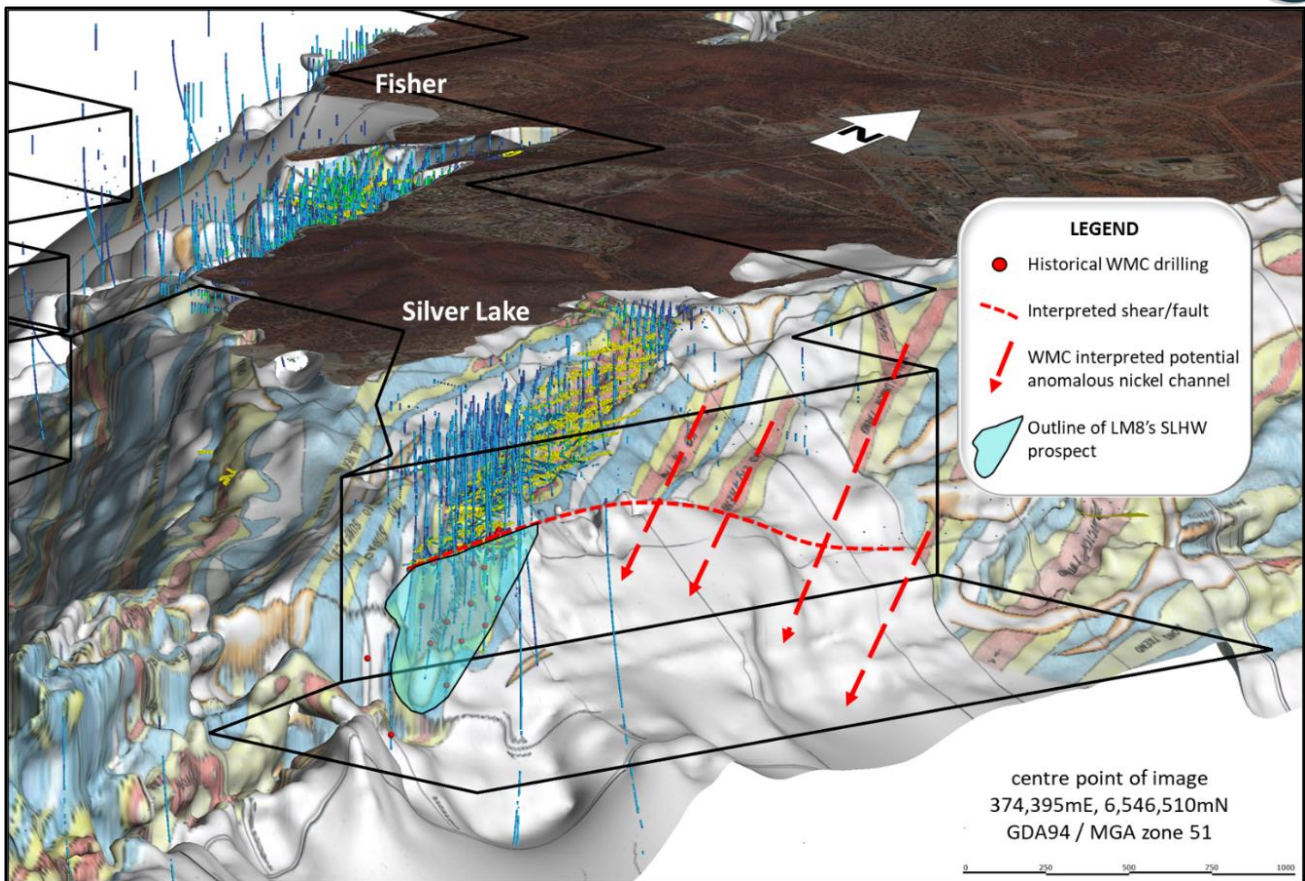
The Company identified an initial prospect, Silver Lake Hanging Wall (**SLHW**), that appeared to display key characteristics that were present at the Baker deposit prior to its discovery in December 2021/January 2022. An Exploration Target of between **approximately 0.65Mt and 1.3Mt grading between 1.3% Ni and 2.7% Ni** was subsequently estimated and reported during the December 2022 quarter<sup>8</sup>.

---

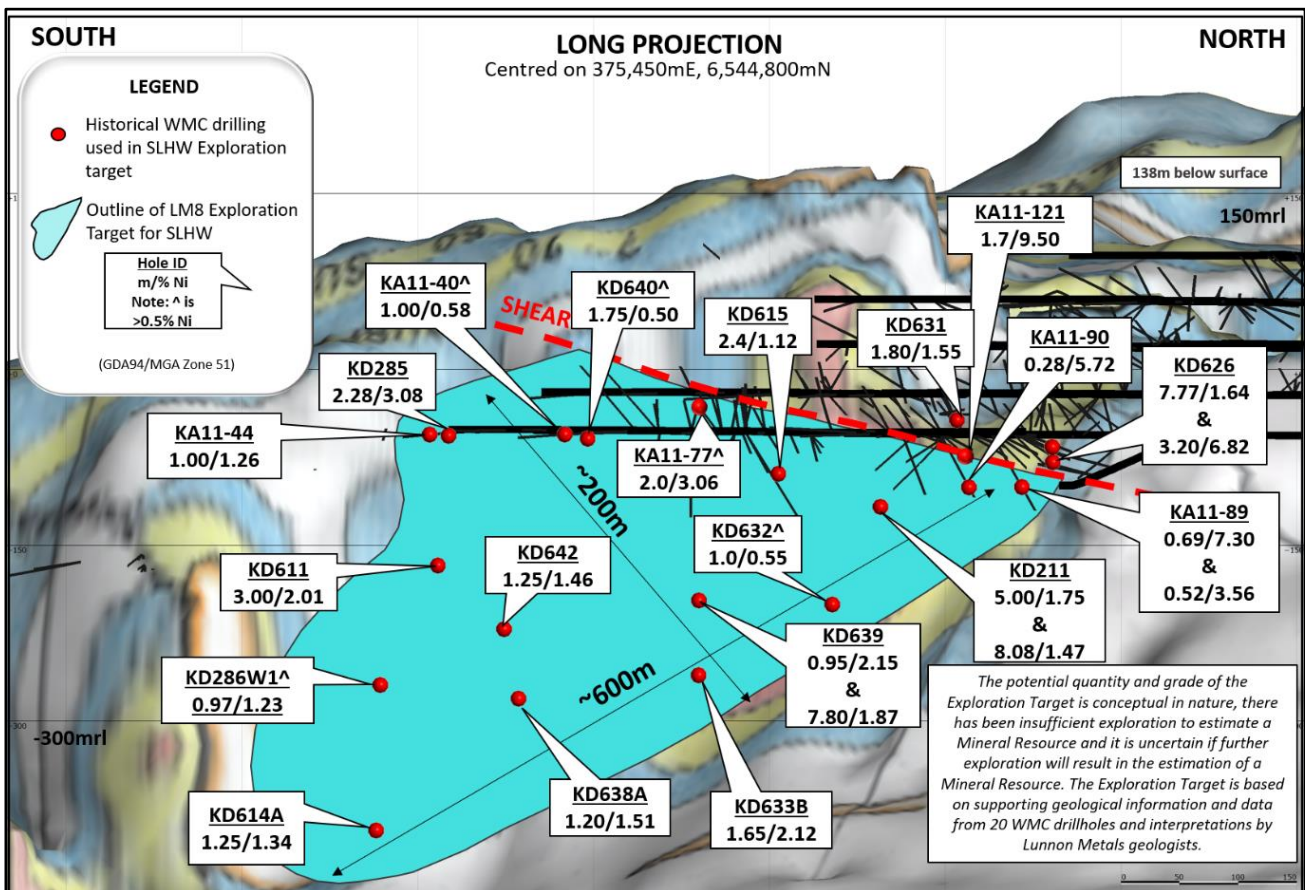
<sup>7</sup> A full breakdown of the current KNP MRE is tabulated on page 19 to this report.

<sup>8</sup> ASX Announcement dated 25 October 2022





**Figure 7:** Isometric view (looking down to the northwest) of the Silver Lake-Fisher project area highlighting interpreted nickel trends (sourced from 1990 WMC technical report), shears and the prospective SLHW Exploration Target.



**Figure 8:** Long projection of the newly identified prospective SLHW Exploration Target with previous WMC approx. 100m x 100m DD coverage annotated with key assay results greater than 1.0% Ni unless otherwise labelled.

The Company highlights that the potential quantity and grade of the Exploration Target stated above is conceptual in nature, that there has been insufficient exploration or historical data validation to estimate a Mineral Resource and it is uncertain if further exploration will result in a Mineral Resource. Figure 7 above details the location of the SLHW within the new nickel rights area at Silver Lake-Fisher.

The Company is currently reviewing the historical WMC DD holes (illustrated on Figure 8 above) for the purposes of check logging, cutting remaining core and re-assaying the key intervals. Surface DD holes have been planned, targeting possible high grade shoots that may be present within the SLHW surface with final hole designs to be decided once the re-assay results have been returned, as this may allow more detailed vectoring towards the possible high grade shoots. The Company is working through the approval steps in the governing mineral rights agreement with St Ives Gold Mining Co. Pty Ltd (**St Ives**) to access the surface area above the SLHW target to commence drilling.

Full details of the methodology adopted to estimate the Exploration Target are contained within the report lodged on the ASX on 25 October 2022.

### 3D Seismic Survey – Long South- Silver Lake “Gap”

The Company is also liaising with St Ives in relation to the planning and execution of a 3D seismic survey in the Long South-Silver Lake “Gap”, with the aim to initiate this exercise as soon as possible in 2023.

In the March 2023 quarter, the Company will trial a “mini vibro-seis” system that is mounted on a lake tracked vehicle, which will require two 2D seismic lines across the Silver Lake area. This will ensure that this technique is effective on, and through, the lake sediments prior to a final commitment to the fuller, 3D survey, which will likely carry an all-in-cost over \$1 million and take between 3 and 6 months to execute, collect and interpret the data.

Shown below is a slide reproduced from a 2012 presentation<sup>9</sup> by (at the time) Geoscience Australia’s (**GA**) Ned Stolz, detailing 3D seismic survey work completed by Independence Group NL (now IGO Limited) at their Long Operation in the June quarter of 2008 (now owned and operated by Mincor Resources NL). Results were forecast by Independence Group NL to be reported in the September 2008 quarter but little detail was provided with the last detailed mentioning of the survey outcomes made in that company’s March 2009 quarterly as follows:

*“Interpretation of the Long South 3D seismic survey data progressed during the quarter. The ultramafic basal contact was interpreted from the seismic volume, and work has begun on using seismic attributes and automated anomaly picking algorithms to identify responses potentially related to nickel sulphide mineralisation. Confidence in the migration and depth conversion processing has been increased by the close correspondence between the locations of strong reflectors and the known positions of underground workings”.*

As illustrated in the publicly available GA 2012 presentation, the potential nickel sulphide bearing “channel” was labelled and appears to be striking south-southeast directly towards the boundary between the tenement/rights held now by Mincor Resources NL and Lunnon Metals’ newly acquired nickel rights in the Silver Lake area.

Lunnon Metals objective is to acquire the new 3D seismic data, complete a full litho-stratigraphic / structural re-interpretation focussing on the approximate 2.5km<sup>2</sup> area termed the Long South-Silver Lake “Gap” and incorporate publicly available data relating to the hosting environment of the McLeay and Moran nickel deposits.

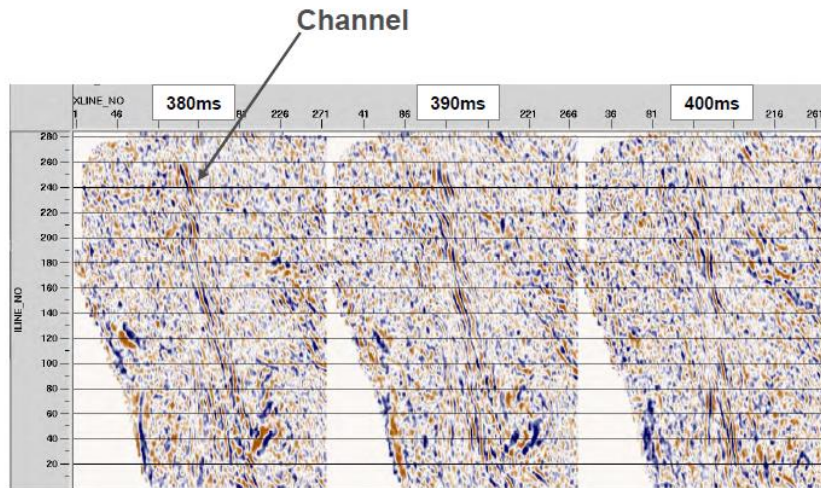
If the current 3D seismic survey results records any likely continuation of the channels annotated in the 2012 GA Long – Victor nickel mine survey, the Company would consider this a highly successful outcome that would greatly enhance the prospectivity of the acquired nickel rights.

<sup>9</sup> Stolz, N., 2012 Seismic Methods for Hard Rock Mineral Exploration; Geoscience Australia, Group Leader, Minerals and Natural Hazards Division, 34th IGC Brisbane, 2012, itself referencing Williams, P., Whitford, M., Kepic, A., and Urosevic, M., 2012, Recent experiences concerning the use of high definition seismic reflection applied to Komatiitic Nickel Deposits, Western Australia, 74th EAGE Conference & Exhibition, Copenhagen, Denmark, Extended Abstract

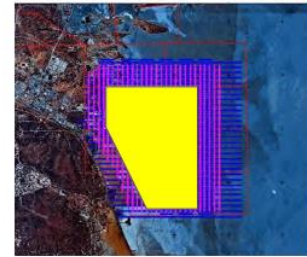


# Long - Victor Nickel Mine

## Time Slices from 3D Seismic Survey



(After Williams, Whitford, Kopic, and Urosevic, 2012)

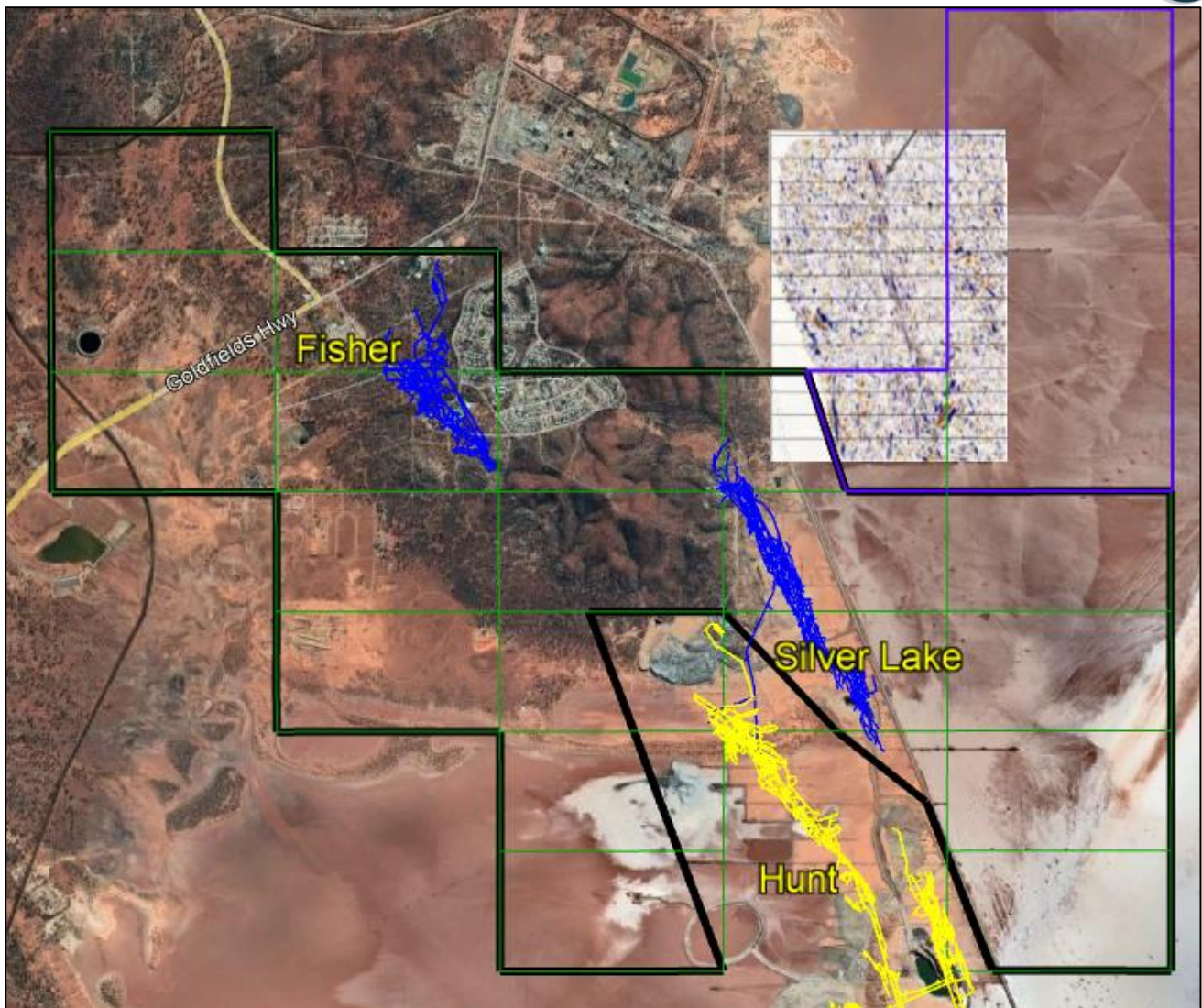


GEOSCIENCE AUSTRALIA

Commonwealth of Australia  
(Geoscience Australia) 2012

Seismic methods for hard rock mineral exploration; 34th IGC Brisbane 17

**Figure 9:** Slide excerpt from N. Stolz (Geoscience Australia) 2012 presentation titled "Seismic Methods for Hard Rock Mineral Exploration" – see Figure 10 below for approximate location of the left-most 380ms time slice.



**Figure 10:** Aerial photograph of Lunnon Metals' Silver Lake Fisher Project Area with 380ms "time slice" from Figure 9 spatially located.

## KNP SITE - GENERAL LOGISTICS

### Drill Rig Activity

Drilling continued throughout the period until break for the Christmas-New Year, generally utilising two drill rigs (an RC rig and a DD rig). Drilling will recommence in early 2023 following data review and target generation of the new exploration space identified in the Kenilworth EIS programme in the North Jan / East Cooe (East and West trough) areas, as well as high ranking prospects emanating from the first pass Silver Lake-Fisher target generation exercise on foot.

For future safety and operational reasons, any drilling that intersects potential nickel mineralisation at the Company's KNP project is grouted from below, to well above the identified nickel mineralisation. In this regard a second DD rig is often deployed at site to maintain this important safety related programme.

## ENVIRONMENT, SUSTAINABILITY AND GOVERNANCE (ESG)

### KNP Environment, Health and Safety

ESG activities at site continued to focus on review and improvement of the full suite of safety and environmental related procedures already developed for compliance with the Work Health and Safety Act 2020. A crisis management emergency response desk-top exercise was completed in the corporate office and will be replicated on site in the March 2023 quarter.

### KNP Permitting / Regulatory Framework

On the regulatory and technical study front, the status is as follows:

- 5C Licence to Take Water up to 4.0 GLpa granted during the quarter;
- Application for a Licence under Part V Division 3 of the Environmental Protection Act 1986, at the Baker Project for mine dewatering was submitted and is currently under DWER assessment;
- Application for a Licence under Part V Division 3 of the Environmental Protection Act 1986, at the Foster/Warren Project for mine dewatering was submitted and currently under DWER assessment;
- Draft Mining Proposal and Mine Closure Plan for Warren/Foster dewatering, decline re-entry, rehabilitation and underground exploration ready for submission to DMIRS;
- Draft Mining Proposal and Mine Closure Plan for Development of the Baker project currently being finalised and targeting submission to DMIRS; and
- Baker model and wireframes delivered to external mine design consultants to commence Ore Reserve estimation.

## CORPORATE

### Remuneration Review

During the quarter, the Company announced that as part of the remuneration review at the end of the 2021-2022 financial year, the Board of Lunnon Metals (**Board**) resolved to create a Short-Term Incentive (**STI**) and Long-Term Incentive (**LTI**) scheme under which employees and, subject to shareholder approval, directors may receive performance rights. The objectives in creating the incentive scheme include:

- Ensuring employee alignment with the strategic goals of the Company and long-term retention of the current team;
- Generating long-term shareholder value by setting significant performance hurdles that will have a beneficial and material impact on the Company's enterprise value; and
- Ensuring that Lunnon Metals is a preferred employer and is able to attract and retain professionals in the future in an increasingly competitive employment market.

The Board approved scheme involves the issue of performance rights, with each performance right representing the right to subscribe for, for no further consideration, one fully paid ordinary Lunnon Metals share. The performance rights will vest incrementally on the achievement of specified vesting criteria. The Company's Employee Awards Plan (the **Plan**) will govern the terms of the performance rights. The adoption of the Plan for the purposes of Listing Rule 7.2 Exception 13(b) received shareholder approval at the recent 2022 Annual General Meeting.

The Company also announced that its Managing Director, Mr. Edmund Ainscough, will be invited to participate in the Plan subject to shareholder approval. The key milestones to be achieved by the Company that will form the vesting criteria for Mr. Ainscough's performance rights have been approved by the Board and are as follows:



## STI Vesting Criteria

Achievement within 18 months from 1 January 2023 of:

- First time Proven and Probable Ore Reserve delineated for the Baker deposit (and any subsequent extensions) of at least 15kt contained nickel metal;
- Finalisation of commercial terms for ore tolling and concentrate purchase agreement, and grant of regulatory approval to commence development at the Baker deposit;
- Discovery of a new nickel deposit on any of the Company's properties; and
- Grant of regulatory approval of the Mining Proposal or plan for the Foster Nickel Mine including the dewatering programme.

## LTI Vesting Criteria

Achievement within 42 months from 1 January 2023 of:

- Absolute total shareholder return equivalent to 20% per annum or better;
- Relative total shareholder return at the 75th percentile or better (to be assessed against a minimum 10 strong peer group of ASX listed companies);
- Annualised Company production rate of at least 10kt nickel metal; and
- Delineate >150kt of contained nickel metal (above a 1.0% Ni cut-off) in total Mineral Resources, after any depletion.

An Extraordinary General Meeting (**EGM**) will be scheduled in the March 2023 quarter seeking shareholder approval in accordance with ASX Listing Rule 10.14 to approve the issue of the incentive package as outlined above to the Managing Director. The Notice of Meeting to the EGM will include all requisite further detail necessary under the ASX Listing Rules and Corporations Act to provide shareholders with all relevant details for consideration of the proposal.

## Cash Position

As at 31 December 2022, Lunnon Metals held approximately \$25.1 million (30 September 2022: \$27.5 million) in cash.

Full details regarding the Company's cash movements during the quarter can be found in the Appendix 5B accompanying this report. A summary of exploration expenditure is also included in Appendix 1 – Additional ASX Listing Rule Disclosures.

## Share Capital

As at 31 December 2022, the share capital of the Company was:

### Issued Shares

ASX Code	Description	Total Number
LM8	Listed Ordinary Fully Paid Shares	109,876,127
LM8AC	Unlisted Ordinary Fully Paid Shares (Escrowed to 16 June 2023)	63,629,002
LM8AK	Unlisted Ordinary Fully Paid Shares (Escrowed to 4 Oct 2023)	21,505,376
<b>Total</b>		<b>195,010,505</b>



## Other Securities

ASX Code	Description	Total Number
LM8AD	Unlisted Options (Expiring 9 June 2023, Ex \$0.45, Escrowed to 16 June 2023)	1,426,738
LM8AE	Unlisted Options (Expiring 22 Mar 2026, Ex \$0.05, Escrowed to 16 June 2023)	2,175,000
LM8AF	Unlisted Options (Expiring 22 Mar 2026, Ex \$0.05)	1,700,000
LM8AG	Unlisted Options (Expiring 25 Oct 2026, Ex Nil)	216,965
LM8AH	Unlisted Options (Expiring 16 Nov 2026, Ex Nil)	61,500
LM8AI	Unlisted Options (Expiring 28 Mar 2027, Ex Nil)	93,924
LM8AJ	Unlisted Options (Expiring 11 Feb 2026, Ex \$1.18)	950,000
<b>Total</b>		<b>6,624,127</b>

During the December 2022 quarter, and as reported in the September 2022 Quarterly Report, on 4 October 2022, the Company issued 21.5 million shares to major shareholder St Ives, a wholly owned subsidiary of Gold Fields Ltd, as consideration for the mineral rights acquired in the Silver Lake and Fisher transaction. These shares have been escrowed for a period of 12 months to 4 October 2023.

## ASX lodgements

An active news flow was maintained throughout the period with the following announcements lodged on the ASX.

- 16 Dec 2022 7.48m @ 4.46% Nickel Rounds Out 2022 at Warren
- 13 Dec 2022 Strategic Incentives Rollout for Lunnon Metals Staff
- 08 Dec 2022 Company Presentation
- 07 Dec 2022 Fabulous Baker Buys Lunnon to 79,300 Tonnes of Nickel Metal
- 24 Nov 2022 Foster Nickel Mine - 85H Drilling Results
- 15 Nov 2022 Chair's Address and MD Presentation - 2022 AGM
- 14 Nov 2022 Latest Assay Results and Update at Warren
- 03 Nov 2022 Baker Drill Programme Concludes with 9.45m @ 6.94% Ni
- 25 Oct 2022 Exploration Target Estimated For Silver Lake
- 24 Oct 2022 Quarterly Cashflow Report - September 2022
- 24 Oct 2022 Quarterly Activities Report - September 2022
- 20 Oct 2022 WA Government EIS Hole Completed at Kenilworth
- 06 Oct 2022 Company Presentation at 2022 Australian Nickel Conference
- 04 Oct 2022 Completion of Acquisition of New Nickel Rights

Compliance lodgements made to the ASX were as follows:

- 21 Nov 2022 Change of Address
- 15 Nov 2022 Results of Annual General Meeting
- 13 Oct 2022 Notice of Annual General Meeting/Proxy Form
- 10 Oct 2022 Change in substantial holding - St Ives
- 07 Oct 2022 Change in substantial holding - Bolong
- 06 Oct 2022 Ceasing to be a substantial holder - Mainglow
- 06 Oct 2022 Ceasing to be a substantial holder - Aurora
- 04 Oct 2022 Notification regarding unquoted securities - LM8
- 04 Oct 2022 Change of Director's Interest Notice - Ian Junk
- 04 Oct 2022 Change of Director's Interest Notice - Deborah Lord



Subsequent to the quarter's end, and up to the date of this Quarterly Report, the Company lodged the following announcements on the ASX.

- 11 Jan 2023 Historical Core Programme Adds to Foster Mineral Resource

For further information regarding the Company's activities please visit the website [www.lunnonmetals.com.au](http://www.lunnonmetals.com.au) or contact the Company, details below.

This Quarterly Report has been approved and authorised for release by the Board.

Edmund Ainscough  
Managing Director  
Phone: +61 8 6424 8848  
Email: [info@lunnonmetals.com.au](mailto:info@lunnonmetals.com.au)

## COMPETENT PERSONS' STATEMENT AND COMPLIANCE

The information in this announcement that relates to nickel and gold geology, nickel Mineral Resources, Exploration Results and the Exploration Target, is based on, and fairly represents, information and supporting documentation prepared by Mr. Aaron Wehrle, a Competent Person 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 a 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.

The information in this announcement that relates to the mining, metallurgical and environmental Modifying Factors or assumptions as they may apply to the Company's Mineral Resource Estimations is based on, and fairly represents, information and supporting documentation prepared by Mr. Aaron Wehrle and Mr. Edmund Ainscough, who are both Competent Persons and Members of the AusIMM, full time employees of Lunnon Metals Ltd, shareholders and holders of employee options; both have sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration, the activity that they are undertaking and the relevant factors, in particular in regard the location of the KNP, 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. Both Mr. Wehrle 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 that relates to the results from the initial nickel metallurgy test work referenced in Company announcements and in the pertinent announcement dated 1 September 2022, is based on, and fairly represents, information and supporting documentation prepared by Mr. Barry Cloutt, who is a Member of the AusIMM. Mr. Cloutt is an external and independent consultant to Lunnon Metals Ltd, and has sufficient experience that is relevant to the activity that 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. Cloutt consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

## MINERAL RESOURCES

The detailed breakdown of the Company's Mineral Resources as at 11 January 2023 is as follows:

Cut-off (Ni %)		Indicated Ni			Inferred Ni			Total Ni		
		Tonnes	%	Ni Tonnes	Tonnes	%	Ni Tonnes	Tonnes	%	Ni Tonnes
FOSTER MINE										
Warren	1.0	136,000	2.7	3,700	75,000	3.7	2,700	211,000	3.1	6,400
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		1,016,700	3.3	33,900	697,000	2.6	18,300	1,714,700	3.0	52,200
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		1,654,700	3.5	57,900	988,000	2.5	25,100	2,643,700	3.1	83,000

*Note: Figures have been rounded and hence may not add up exactly to the given totals.*



References in this announcement may have been made to certain previous ASX announcements, which in turn may have included Exploration Results, Exploration Targets and Mineral Resources. For full details, please refer to the said announcement on the said date. The Company is not aware of any new information or data that materially affects this information. Other than as specified in this announcement and mentioned announcements, the Company confirms it is not aware of any new information or data that materially affects the information included in the original market announcement(s), and in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.



## APPENDIX 1 – ADDITIONAL ASX LISTING RULE DISCLOSURES

### Compliance

For the purpose of ASX Listing Rule 5.3.1, net payments for exploration, evaluation and development during the December 2022 quarter totalled \$1.77 million, as detailed in the Company's accompanying Appendix 5B statement (exclusive of salaries). This total figure includes an amount of \$2.52 million for exploration that was capitalised. Excluding the movement of stamp duty previously paid in the September 2022 from expensed in September 2022 quarter to capitalised in December 2022 quarter<sup>10</sup>:

- exploration and evaluation expensed during the December 2022 quarter was \$0.38 million; and
- the capitalised exploration in the December 2022 quarter was \$1.39 million, which was principally drilling and associated costs at Baker related to the infill and extensional programme and Warren surface drilling.

A minor amount of \$20,000 for property, plant and equipment purchased directly in support of the site-based exploration programme was also capitalised. Details of exploration activities undertaken during the quarter are as described in the preceding quarterly report and this Appendix.

For the purpose of ASX Listing Rule 5.3.2, the Company confirms there were no substantive mining production and development activities undertaken during the quarter. Pursuant to ASX Listing Rule 5.3.3, the details of the mining tenements and the Company's beneficial percentage interest held in those Tenements at the end of the quarter is included in the Tables at the end of this Appendix and their location shown diagrammatically in Figure 11 and Figure 12 below.

Pursuant to ASX Listing Rule 5.3.4, the Company provides its actual expenditure grouped and categorised against the items presented in the two year "Use of Funds" statement in its IPO Prospectus. This table covers the period from the date of its admission to ASX Official List (being 16 June 2021) up to 31 December 2022 and presents the actual expense against the estimated 2-year expenditure on those item groupings. An explanation of any material differences follows the table. The table includes the impact of the \$30 million capital raising in April 2022 which was naturally not contemplated at the time of the IPO.

Table 1: Use of Funds comparison – IPO 16 June 2021 to 31 December 2022

Use of Funds	Prospectus estimate (2 years) \$ millions	Actual use (16 June 2021 – December 2022 quarter end) \$ millions	Variance \$ millions
Exploration at the Kambalda Nickel Project - nickel	8.8	13.06	(4.26)
Exploration at the Kambalda Nickel Project - gold	0.9	0.31	0.59
Re-establish surface infrastructure, cost/initiate dewatering	1.4	0.19	1.21
Corporate, administration and working capital	2.83	3.49	(0.66)
Expenses of the Offer	1.07	1.10	(0.03)
Proceeds from subsequent capital raising (net of fees/costs)	-	(28.35)	28.35

<sup>10</sup> Stamp duty of \$1.13 million was paid and expensed in operating activities exploration & evaluation in the September 2022 quarter. Following completion of the Mineral Rights Agreement on 4 October 2022, this stamp duty amount was capitalised in investing activities exploration & evaluation and a corresponding credit was made to operating activities exploration & evaluation in the December 2022 quarter, resulting in a positive movement to operating activities expenditure & evaluation of \$747,000 in the December 2022 quarter.

Use of Funds	Prospectus estimate (2 years) \$ millions	Actual use (16 June 2021 – December 2022 quarter end) \$ millions	Variance \$ millions
<b>Total<sup>^</sup></b>	<b>15.0</b>	<b>(10.20)</b>	<b>25.20</b>

<sup>^</sup>totals may not add up due to rounding; variance under spend is now shown as a positive to correctly accommodate and reflect the \$30m capital raising.

The Company continues to exceed the "Exploration at the Kambalda Nickel Project – nickel" and "Corporate, administration and working capital" expense categories reported in the "Use of Funds" statement.

This is again due to the discovery of the Baker Shoot and is funded by a \$30 million capital raising completed in April 2022. Once more, and as a direct consequence, the relevant site exploration and administration (staffing) levels are, and will likely continue to be, higher than originally planned in light of this success at Baker, the addition of new Nickel Rights acquired from St Ives at Silver Lake-Fisher and the funding available post April 2022, all material events not contemplated and/or provided for in the budget at the time of listing.

In relation to the main expense component, Exploration, both for nickel and gold at the KNP, just over 46,500m of drilling has now been completed as compared to the 2-year forecast of approximately 28,000m at the time of IPO; i.e., approximately 66% higher than the originally envisaged drilling metres have now been completed.

This significant over performance in drilling metres also continues to be primarily due to the discovery of the Baker Shoot and the relative ease of drilling this target with RC techniques due to its shallow depth. This has allowed the Company to aggressively advance its knowledge of this potential new source of nickel mineralisation in late 2021 and throughout 2022, now culminating in the reporting of an updated JORC (2012) MRE detailed in previous ASX announcements, specifically the announcement dated 7 December 2022.

Drilling activities continued throughout the December quarter albeit at reduced levels as compared to the period during the Baker deposit infill and definition. There was no RC drilling in the December quarter, however, when RC drilling and DD commences again in the March 2023 quarter, expense levels will also increase.

The overall expense in relation to the exploration and site-based programme since the Company's IPO has now reached \$13.56 million and therefore exceeds the original forecast total of \$11.1 million for the full two years post listing. This rate of expenditure has now exceeded the Company's original forecast after the first 18 months post IPO, once more due primarily to the discovery of Baker.

In light of the \$28.35 million (net of fees/GST) resulting from the successful capital raise in April 2022, this expenditure rate can be maintained, subject to the generation of new targets and ongoing positive results, beyond the previous plan contemplated in the IPO.

As in previous quarters, the timing of receipt of drilling and site support expense-based invoices already incurred may contribute to variance at the conclusion of the reporting quarter. There is no change in relation to the reconciliation of Expenses of the Offer at \$1.10 million (vs \$1.07 million estimated) previously reported. Fees attributable to the April 2022 capital raising were \$1.5 million plus GST.

In light of the discovery of Baker and the addition of the newly acquired rights at Silver Lake and Fisher, the Company has achieved and/or exceeded the business objectives underpinning the Use of Funds table in the Prospectus over the duration of the 2-year forecast period.

For the purpose of ASX Listing Rule 5.3.5, payments to related parties or associates of Lunnon Metals during the quarter totalled \$243,690. The payments were in respect of salaries, fees and superannuation to directors and a senior executive and office rental payments to Junk Super Pty Ltd, a related entity of non-executive director Ian Junk.

## Tenement Summary

**Current Foster/Jan components of the Kambalda Nickel Project** (All tenements are in location about 20km south from Kambalda – see Figure 11 below tables).

Tenement	Location	Nature of Interest*	Interest at beginning of quarter	Interest at end of quarter
M15/1546	Kambalda district, Western Australia	Granted, all mineral rights excepting rights to gold in the "Excluded Areas"	100% legal & beneficial interest	100% legal & beneficial interest
M15/1548	Kambalda district, Western Australia	Granted, all mineral rights excepting rights to gold in the "Excluded Areas"	100% legal & beneficial interest	100% legal & beneficial interest
M15/1549	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1550	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1551	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1553	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1556	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1557	Kambalda district, Western Australia	Granted, all mineral rights excepting rights to gold in the "Excluded Areas"	100% legal & beneficial interest	100% legal & beneficial interest
M15/1559	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1568	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1570	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1571	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1572	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1573	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1575	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1576	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest

Tenement	Location	Nature of Interest*	Interest at beginning of quarter	Interest at end of quarter
M15/1577	Kambalda district, Western Australia	Granted, all mineral rights excepting select rights to gold held by St Ives Gold Mining Co. Pty Ltd	100% legal & beneficial interest	100% legal & beneficial interest
M15/1590	Kambalda district, Western Australia	Granted, all mineral rights excepting rights to gold in the "Excluded Areas"	100% legal & beneficial interest	100% legal & beneficial interest
M15/1592	Kambalda district, Western Australia	Granted, all mineral rights excepting rights to gold in the "Excluded Areas"	100% legal & beneficial interest	100% legal & beneficial interest

\*St Ives retains rights to explore for and mine gold in the "Excluded Areas" on the Tenements as defined in the subsisting agreements between Lunnon Metals and St Ives. This right extends to gold mineralisation which extends from the Excluded Area to other parts of the Tenements with select restrictions which serve to prevent interference with, or intrusion on, Lunnon Metals' existing or planned activities and those parts of the Tenements containing the historical nickel mines. St Ives has select rights to gold in the remaining areas of the Tenements in certain limited circumstances as described in detail in the Company's Solicitor Report attached to the Prospectus submitted to the ASX dated 22 April 2021 and lodged with the ASX on 11 June 2021.

**Mineral Rights Agreement - Silver Lake/Fisher** (All tenements are in location in the immediate vicinity directly south from Kambalda see Figure 12 below table).

Tenement	Location	Nature of Interest*	Interest at beginning of quarter*	Interest at end of quarter*
ML15/0142	Kambalda district, Western Australia	Rights of access subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: Fisher mine portal. Access rights only – nickel rights held by BHP Nickel West Pty Ltd.
M15/1497	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1498	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1499	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 100 m ASL.
M15/1505	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1506	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1507	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 150 m ASL.
M15/1511	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1512*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from sea level.

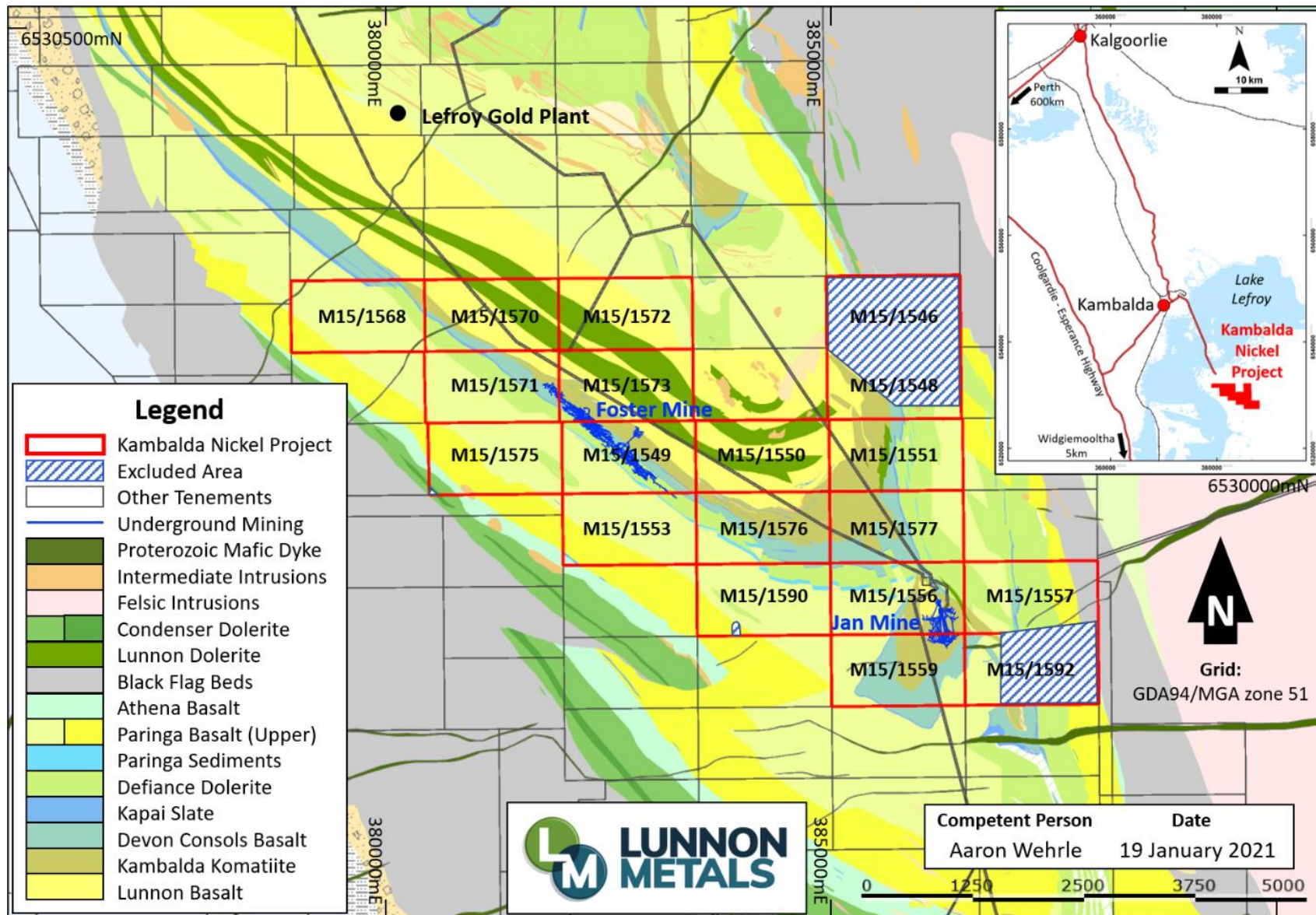


Tenement	Location	Nature of Interest*	Interest at beginning of quarter <sup>+</sup>	Interest at end of quarter <sup>+</sup>
M15/1513*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 150 m ASL (~425 m depth).
M15/1515*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1516*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1523	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 250 m ASL (~540 m depth).
M15/1524	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 250 m ASL (~540 m depth).
M15/1525	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 250 m ASL (~540 m depth).
M15/1526*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from 250 m ASL (~540 m depth).
M15/1528	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1529*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1530	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022– tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.
M15/1531*	Kambalda district, Western Australia	Mineral rights to nickel subject to deal announced 12 April 2022 – tenement held 100% by St Ives Gold Mining Co. Pty Ltd	nil	Beneficial: 100% of nickel rights from surface.

\* Denotes *portion of tenement excluded from Mineral Rights Agreement*

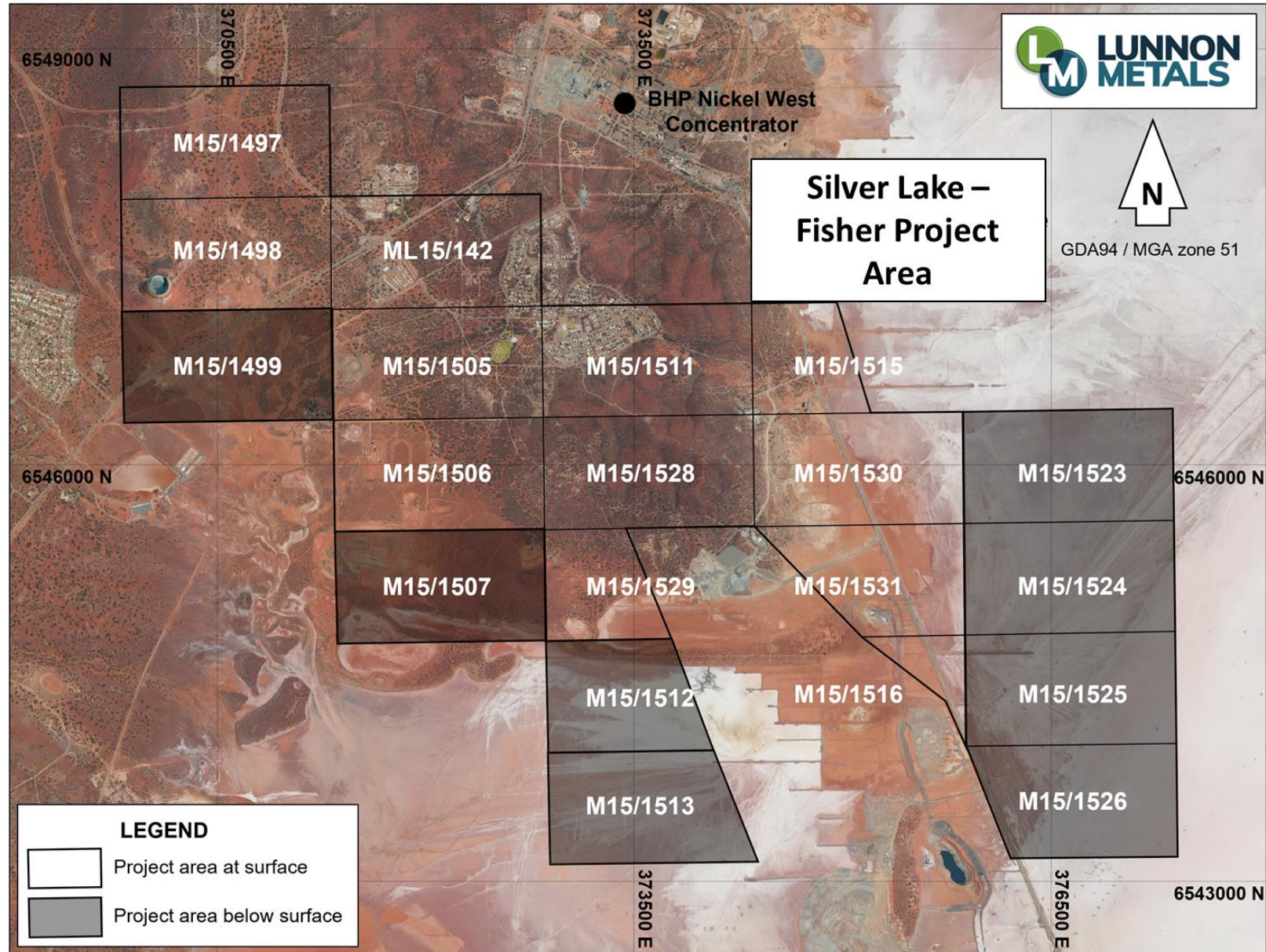
<sup>+</sup> *Mineral Rights Agreement completed on 4 October 2022.*

ASL – denotes above sea level. Surface elevations generally range from 290 m ASL to 300 m ASL for the tenements where the rights are from surface.



**Figure 11:** Tenement Map as released in the Solicitor's Report appended to the Company's Prospectus dated 22 April 2021 and announced to the ASX on 11 December 2021 – illustrating tenement IDs with historical mines and surface interpretative geology shown on the Foster-Baker project area.





**Figure 12:** Tenement Map announced to the ASX on 12 April 2022 – illustrating tenement IDs for Silver Lake-Fisher Project Area.