

17 FEBRUARY 2025

EXCELLENT GOLD RECOVERIES

KEY POINTS

- Sighter metallurgical test work completed on 13 samples from Lady Herial
- Gold mineralisation shown to be free milling with very high recoveries
- Average of 95% over test program, low reagent consumption
- Presence of coarse gold points to a significant gravity recoverable component

Lunnon Metals Limited (**ASX: LM8**) (the **Company** or **Lunnon Metals**) is pleased to report on initial sighter test work results for the Lady Herial prospect, part of the Kambalda Gold & Nickel Project (**KGNP**). Lady Herial is an outcropping to very shallow gold deposit with the potential to deliver low strip ratios in any future open pit giving the Company the opportunity to fast-track the deposit towards possible future production and cash-flow. The KGNP is well positioned to exploit the current gold price environment given it is on granted mining leases with an abundance of infrastructure nearby. This strategy would allow the Company to effectively self-fund its ongoing exploration program aimed at making significant gold discoveries from its portfolio of tenements in the heart of the St Ives camp.

A metallurgical test work 'sighter' program has been completed by independent consultants, Independent Metallurgical Operations Pty Ltd (**IMO**), based on reverse circulation (**RC**) material sourced from the 2024 drill program. The test work covered all weathering types and a range of gold grades, from 0.47g/t to 4.13g/t (as well as a program high 78.95g/t Au in test number LT15), reflecting the broad gold grade distribution recorded to date by Lunnon Metals' drilling. A series of bottle roll tests were completed at P80 passing 125 µm to simulate leach conditions over 48 hours and are considered sighter in nature.

Table 1: Metallurgical Test Work Program Results

Material type/average recovery %	Test No.	IMO Calc Grade (g/t Au)	IMO Assay Head Grade (g/t Au)	Recovery (%)	NaCN Consumed (kg/t)	Lime Consumed (kg/t)
	LT01	0.61	0.61	85.2	0.39	1.96
Oxide	LT02	1.30	0.92	91.5	0.56	2.84
90.5%	LT03	2.50	1.77	90.8	0.70	0.91
	LT04	3.50	4.26	94.3	0.38	4.78
	LT05	0.47	0.77	97.9	0.24	0.96
T 10 10 10 10 10 10 10 10 10 10 10 10 10	LT06	2.16	1.60	97.2	0.53	1.96
Transition 97.8%	LT07	2.56	2.28	96.1	0.27	1.40
97.6%	LT14	2.22	1.49	98.7	0.22	1.29
	LT15 ¹	78.95	131.80	99.3	0.15	1.36
	LT09	0.74	0.94	93.3	0.39	1.09
Fresh	LT10	1.29	2.74	96.1	0.21	1.16
95.9%	LT11	2.44	1.96	97.5	0.21	1.21
	LT12	4.13	4.19	96.6	0.30	2.15

¹ LT15 was completed with a gravity recovery step that yielded **80.1%** gravity recovery alone.



The test work program recorded high gold recoveries across all material types and grades (based on calculated head grades). A gravity separation step was only included in the case of sample LT15. This sample recorded a very high calculated grade of 78.95g/t Au and gravity recovery of a remarkable 80.1%. The overall recovery of 99.3% is one of the highest recoveries ever seen by the Company's metallurgical consultant, Mr. Barry Cloutt².

The result for sample LT15 provides further confirmation of the presence of significant coarse gold at Lady Herial, which explains the grade variability between the IMO assay values for this sample and the Lunnon Metals composite³. A coarse gold component is also considered to be the basis of the variability seen between IMO's calculated and head assay results across all grade ranges (see **Table 1**). This grade variation and coarse gold effect limits the ability to make direct comparison with the original RC intervals. The location of the RC holes from which metallurgical samples were taken is shown in **Figures 1 and 2** below. The individual 1.0m assay results for those RC intervals the subject of the test work are detailed in Annexure 2.

Given such a strong coarse gold component at Lady Herial the Company will investigate the opportunity to achieve even higher recoveries by including a gravity separation step in the process flowsheet in future testwork. Based on the extensive experience of Mr Cloutt and the Lunnon Metals management team at St Ives, which involved the processing of gold deposits in the immediate vicinity of the Foster-Baker project, gravity recoveries of between 30%-40% may be readily achievable. This outcome would greatly enhance the recovery and treatability of any future ore. The Company believes significant further improvements may also be possible with optimisation work around grind size, residence time and reagent usage.

Managing Director, Edmund Ainscough, commenting said:

"These results are another significant de-risking step completed at Lady Herial. The next step is to complete further test work which will be aligned with the process flow for the gold plant that this material ultimately ends up at. It is satisfying to know that based on the data available, and as expected after over 30 years' experience in this district, the Lady Herial gold mineralisation is a classic "St Ives" deposit; one that delivers free milling gold with high recoveries and low reagent consumption."

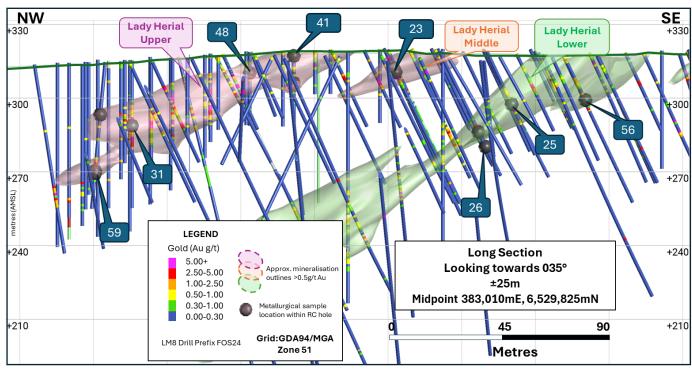


Figure 1: Isometric view of the Lady Herial system showing location of RC drill holes from which metallurgical samples were sourced relative to the depth profile of the deposit.

² Mr. Cloutt is an external consultant. In the late 1990s he was WMC Resources Ltd's Metallurgy Manager at St Ives Gold (1996), and later Production Superintendent/Nickel Concentrator Manager at Kambalda Nickel Operations.

³ LT15 was derived from RC hole FOS24RC_056 which assayed 182.58g/t Au for the two 1m intervals composited.



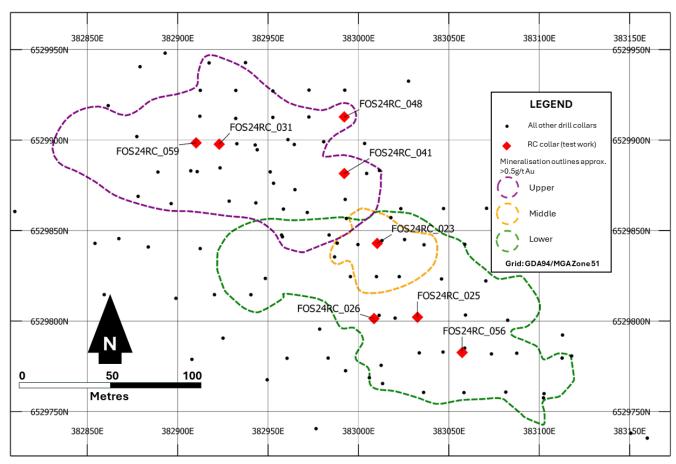


Figure 2: Plan view of the Lady Herial area highlighting spatial location of collar locations of RC drill holes from which metallurgical samples were sourced (with all other drill hole collar locations as at 31/01/2025).

LUNNON METALS 2025 GOLD PROGRAM

Given the many positive attributes of Lady Herial (grade, thickness, shallow depth and now excellent metallurgical properties), finding one or more similar deposits would be an excellent outcome for the Company and foreshadow a strong pipeline of potential future shallow gold open pits and the opportunity for strong associated cash flow that these open pits may have the ability to generate, once permitted and mined.

Importantly however, the Company's 2025 gold program is structured to achieve not only these short term goals but also to test the lease package for more significant gold discoveries capable of greater scale and longevity.

In 2025 the Company is targeting the following key events/milestones:

Lady Herial

- o Targeted infill and potentially grade control spaced drilling of other known and potential high-grade zones
- Complete Optical Televiewer surveys of the recent DD holes for detailed structural data (strike/dip of controlling structure)
- Thereafter, completion of a Mineral Resource estimation (MRE) at Lady Herial and potential open pit optimisation
- Progress discussions with third parties, including Gold Fields Ltd, in regard to ore purchase or toll treatment arrangements for the deposit
- Complete permitting of open pit development/mining proposal
- Assuming final financial modelling continues to be positive, scope, tender and award open pit mining contract



• Foster Gold Belt Prospects

- Following up drill testing of results reported at Guiding Star⁴
- o First pass testing for near surface opportunities at Koombana, Violet, Thelma and Hustler
- o Ranking of results and progressing the best prospects to follow a Lady Herial style program

• Lunnon Basalt / Sediment Opportunities

- Complete Optical Televiewer survey interpretations for the recent RC holes reported on 17 December 2024 for detailed structural data (strike/dip of controlling structure)
- o Plan and execute drilling to follow up those encouraging first pass RC drill results

Defiance West

- Completion of the WA government Exploration Incentive Scheme (EIS) funded two hole diamond drill program
- o Down hole Electro Magnetic survey testing of the initial holes
- o Assess results and plan next phase if warranted

• Paringa Domain and Kenilworth Corridor

 Early stage geochemical, geophysical and Historical Core Program assessment and targeting including follow up of early promising results reported in 2024 at Paringa West and Plentiful (see Figure 3 for location)

Business Development

Leverage off management's deep gold experience in the region and seek to add to the Company's portfolio
of gold prospects in the Kambalda/Widgiemooltha district

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

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⁴ See ASX announcement dated 13 January 2025.



BACKGROUND: ST IVES / KAMBALDA - ONE OF AUSTRALIA'S MOST PROLIFIC GOLD PRODUCTION CENTRES

The Kambalda / St Ives gold camp is one of Australia's most prolific gold production and discovery centres. Gold has been produced in the area since the discovery of the Red Hill gold mine in 1896 (adjacent to the Company's historical Silver Lake nickel mine at Kambalda). The area immediately encompassing and surrounding the Foster-Baker project (FBA) produced gold from the 1920s onwards, but this new goldfield came to real prominence in the early 1980s when WMC commenced dedicated gold production from the Victory-Defiance Complex immediately adjacent to the FBA, and the Hunt nickel mine next to Kambalda.

The St Ives Gold Mine was sold by WMC to Gold Fields Ltd (**Gold Fields**) in December 2001 after 5.6Moz⁵ of gold had been produced. With an expanded exploration budget requisite with being one of the world's major gold companies, Gold Fields has gone on to mine over 9.6Moz⁵ of gold itself and has found what is shaping to be the most significant discovery in the camp's history, the Invincible deposit (see **Figure 4**), suggesting that the biggest deposits are not always found first in the discovery cycle. The Company holds all mineral rights over the FBA, except gold in specific "Excluded Areas" (shown as red polygons on **Figure 3**).

The Company highlights that all gold prospects being tested and evaluated are 100% owned by Lunnon Metals. The FBA project is located on granted mining tenements with significant existing infrastructure in place. Nearby gold plants include the Lefroy, Lakewood and Higginsville Plants, with the Lefroy plant, a few kilometres to the north, notably owned and operated by the Company's major shareholder, Gold Fields.

The Lady Herial gold prospect is hosted in the Defiance Dolerite, a known favourable host for gold in the immediate vicinity of FBA at the Victory-Defiance gold complex a few kilometres to the north. High-grade quartz veins were mined in the 1920s at Lady Herial by prospectors (see ASX announcement dated 22 April 2024) with gold ore won from these workings treated at either the nearby historical State Battery or the privately owned lves Reward battery, the relic sites of which are both located on what are now Lunnon Metals' leases.

ABOUT THE KAMBALDA GOLD & NICKEL PROJECT (KGNP)

The Kambalda Gold & Nickel Project (**KGNP**) (shown in detail for the Foster-Baker Area in **Figure 3** and regionally in **Figure 4**) features approximately 47km² of tenements in the Kambalda Nickel District. KGNP is located approximately 570km east of Perth and 50-70km south-southeast of Kalgoorlie, in the Eastern Goldfields of Western Australia. KGNP comprises two project areas, Foster and Baker* (19 contiguous mining leases) and Silver Lake and Fisher* (20 contiguous mining leases). The world-renowned Kambalda Nickel District has produced in excess of 1.6 million tonnes⁷ of nickel metal since its discovery in 1966 by WMC Resources Ltd (**WMC**). In addition, over 15Moz of gold⁷ in total has been mined, making the Kambalda/St Ives district a globally significant gold camp in its own right.

The KGNP is assessed via public roads, well-established mine road infrastructure and the main St Ives causeway over Lake Lefroy. The KGNP is broadly surrounded by tenements held by St Ives Gold Mining Co. Pty Ltd (**SIGM**), a wholly owned subsidiary of Gold Fields Limited (JSE:GFI) and the Company's major shareholder.

*SIGM retains rights⁸ to explore for and mine gold in the "Excluded Areas" at the FBA, as defined in the subsisting agreements between Lunnon Metals and SIGM, and on the remaining area of the tenements, has select rights to gold in limited circumstances.

*The Company has the exclusive rights to nickel on 19 mining leases and related access rights on one additional tenure. Gold Fields retains the rights to the other minerals (except to the extent minerals occur in conjunction with nickel mineralisation or nickel bearing ore but excluding gold).

⁵ Sum of historical WMC production records to December 2001 and sum of Gold Fields Annual Report filings thereafter.

⁶ Refer to the Company's Prospectus (lodged 11 June 2021) for further details. Gold Fields St Ives has a right of first refusal on any gold offtake.

Gold: Sum of historical WMC production records to December 2001 and sum of Gold Fields' annual report filings thereafter. Nickel: Sum of historical WMC production records and relevant ASX company production figures.

⁸ Refer to the Company's Prospectus (lodged 11 June 2021) for further details. Gold Fields St Ives has a right of first refusal on any gold offtake.



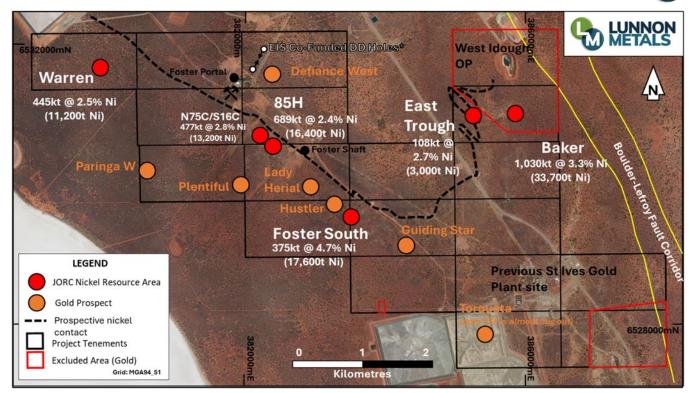


Figure 3: Foster-Baker Project Area showing nickel Mineral Resource⁹ positions and select gold prospects.

 $^{^{\}rm 9}~$ A full breakdown of the nickel Mineral Resource and Ore Reserve is contained on Page 10.



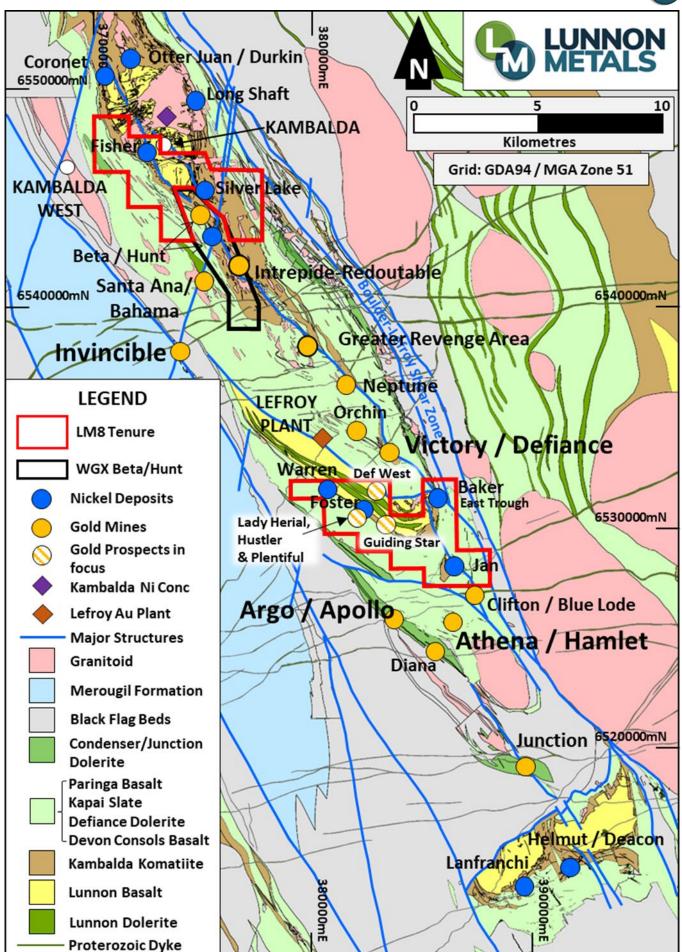


Figure 4: The KGNP (red outlines) with Kambalda / St Ives regional geology and location of key nickel and gold mines/infrastructure.



ANNEXURE 1: DRILL HOLE COLLAR TABLE

Hole ID	Easting	Northing	Elevation (m ASL)	Dip	Azimuth	EOH Drill Depth (m)	Hole Type	Grid
FOS24RC_023	383,017.8	6,529,835.4	319.7	-59.9	92.1	72.0	RC	MGA94_51
FOS24RC_025	383,040.1	6,529,794.6	319.0	-60.6	91.4	48.0	RC	MGA94_51
FOS24RC_026	383,016.1	6,529,793.8	318.7	-59.3	91.3	54.0	RC	MGA94_51
FOS24RC_031*	382,930.5	6,529,890.2	315.3	-90.0	0.0	60.0	RC	MGA94_51
FOS24RC_041	382,999.6	6,529,874.0	319.7	-90.0	0.0	30.0	RC	MGA94_51
FOS24RC_048*	382,999.6	6,529,905.2	318.8	-90.0	0.0	30.0	RC	MGA94_51
FOS24RC_056*	383,064.8	6,529,775.1	317.0	-60.0	91.7	24.0	RC	MGA94_51
FOS24RC_059	382,917.7	6,529,890.9	314.7	-83.9	272.6	60.0	RC	MGA94_51

All RC holes above previously reported to ASX on 01/10/2024 except:

ANNEXURE 2: INDIVDIUAL 1 METRES ASSAY INTERVALS FOR METALLURGICAL TEST WORK SAMPLES

Hole ID	From (drill depth) (m)	To (drill depth) (m)	Grade Au (g/t)	IMO Test Composite #	Cut-off Au g/t
FOS24RC_048	8	9	0.90	LT01	
FOS24RC_023	8	9	1.00	LT02	
FOS24RC_041	2	3	2.76	LT03	
FOS24RC_023	10	11	4.74	LT04	
FOS24RC_025	24	25	0.85	LT05	
FOS24RC_059	21	22	1.78	LT06	
FOS24RC_031	26	27	2.60	LT07	
FOS24RC_041	13	14	4.10	LT14	N/A
FOC34DC 0FC	20	21	350.00	1.715	
FOS24RC_056	22	23	15.15	LT15	
FOS24RC_026	44	45	0.64	LT09	
FOS24RC_026	37	38	1.92	LT10	
FOS24RC_059	45	46	2.36	LT11	
FOS24RC_059	44	45	4.84	LT12	

^{*} FOS24RC_31 (reported on 23/09/2024);

^{*} FOS24RC_48 (reported on 10/01/2024); and

^{*} FOS24RC_56 (reported in further detail on 10/01/2024).



COMPETENT PERSON'S STATEMENT & COMPLIANCE

Any information in this announcement that relates to nickel and gold geology, nickel Mineral Resources, Exploration Targets, Exploration Results and the Company's Historical Core Program, which includes the accessing, re-processing, re-logging, cutting and assaying of historical WMC Resources Ltd diamond core and the appropriateness of the use of this data and other historical geoscience hard copy data such as cross sections, underground level mapping plans, longitudinal projections and long sections, including commentary relying on personal experience whilst employed at Kambalda by WMC Resources Ltd and Gold Fields Ltd, 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/performance rights; 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 is the Company's principal Competent Person and consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Any information in this report that relates to directly to the current gold metallurgical testwork program, was 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 Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Cloutt consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Any information in this announcement that relates to the mining, environmental and infrastructure related modifying factors or assumptions, as they may apply was based on, and fairly represents, information and supporting documentation prepared by Mr. Wehrle, Mr. Max Sheppard and Mr. Edmund Ainscough. Messrs. Sheppard and Ainscough are also Competent Persons and Members of the AuslMM. Mr Ainscough is a full-time employee and Mr Sheppard is a permanent, part-time employee, both of Lunnon Metals Ltd. Both Messrs. Ainscough and Sheppard are shareholders and hold employee performance rights in Lunnon Metals Ltd. Messrs Wehrle, Sheppard and Ainscough have sufficient experience that is relevant to the style of mineralisation, both gold and nickel, the types of deposit under consideration, the activity that they are undertaking and the relevant factors in the particular location of the prospect areas, the historical Foster mine and the KGNP 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. Messrs. Sheppard, Wehrle and 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's details are as above and he 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

DISCLAIMER

References in this announcement may have been made to certain previous ASX announcements, which in turn may have included Exploration Results, Exploration Targets, Mineral Resources, Ore Reserves and the results of Pre-Feasibility Studies. 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 and Ore Reserves 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 Competent Person's findings in relation to the estimates of Mineral Resources and Ore Reserves have not been materially modified from the original announcements reporting those estimates.



MINERAL RESOURCES

The detailed breakdown of the Company's nickel Mineral Resources as at 30 June 2024, is as follows:

	M	easured N	Ni	li	ndicated	Ni		Inferred N	li		Total Ni	
	Tonnes	%	Ni Tonnes	Tonnes	% *	Ni Tonnes	Tonnes	% *	Ni Tonnes	Tonnes	% *	Ni Tonnes
FOSTER MINE												
Warren				345,000	2.6	8,800	100,000	2.4	2,400	445,000	2.5	11,200
Foster Central												
85H				395,000	3.2	12,800	294,000	1.2	3,600	689,000	2.4	16,400
N75C				271,000	2.6	6,900	142,000	1.9	2,600	413,000	2.3	9,500
S16C/N14C				-	-	-	64,000	5.7	3,700	64,000	5.7	3,700
South				264,000	4.7	12,400	111,000	4.7	5,200	375,000	4.7	17,600
Sub total				1,275,000	3.2	40,900	711,000	2.5	17,500	1,986,000	2.9	58,400
BAKER AREA												
Baker	110,000	3.4	3,700	622,000	3.7	22,900	298,000	2.4	7,100	1,030,000	3.3	33,700
East Trough				-	-	-	108,000	2.7	3,000	108,000	2.7	3,000
Sub total	110,000	3.4	3,700	622,000	3.7	22,900	406,000	2.5	10,100	1,138,000	3.2	36,700
SILVER LAKE												
25H				336,000	1.6	5,300	488,000	1.7	8,500	824,000	1.7	13,800
Sub total				336,000	1.6	5,300	488,000	1.7	8,500	824,000	1.7	13,800
FISHER												
F Zone				56,000	2.7	1,500	196,000	1.6	3,200	252,000	1.9	4,700
Sub total				56,000	2.7	1,500	196,000	1.6	3,200	252,000	1.9	4,700
TOTAL	110,000	3.4	3,700	2,289,000	3.1	70,600	1,801,000	2.2	39,300	4,200,000	2.7	113,600

Note: Figures have been rounded and hence may not add up exactly to the given totals. The Mineral Resource is inclusive of any reported Ore Reserves.

ORE RESERVES

The detailed breakdown of the Company's Baker Ore Reserve as at 30 June 2024, is as follows:

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

The Ore Reserve is reported using the Baker December 2022 Mineral Resource. The Ore Reserve was evaluated using a cut- off grade of 1.5% Ni, except for an incremental cut-off grade of 1.0% Ni for low grade development necessary for access to mining zones. The inputs used for the NPV in the Ore Reserve study were a A\$35,294/t nickel price (US\$24,000/t at US\$0.68: A\$1.00) and 8% discount rate. The Ore Reserve is predicated on processing future nickel ore through the Kambalda Concentrator, or other such third-party facility proximal to the KGNP. The BHP Nickel West Kambalda Concentrator will be on care and maintenance from October 2024, with the temporary suspension to be reviewed by BHP by February 2027.

See the Company's 2024 Annual Report (lodged on 16 September 2024) for the latest restatement of Mineral Resources and Ore Reserves.



JORC TABLE 1

The following tables address historical WMC and Gold Fields exploration activities/methods where relevant, Lunnon Metals' reverse circulation and diamond drilling program as well as covering the Company's Historical Core Program, again where relevant. Today's announcement only relates to metallurgical test work on RC drill samples.

SECTION 1: SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling	Nature and quality of sampling	All drilling and sampling are undertaken in an industry standard
techniques	(e.g., cut channels, random chips,	manner both by Lunnon Metals Ltd (Lunnon Metals or the Company)
	or specific specialised industry	since 2021 and historically by both Gold Fields Ltd (Gold Fields) from
	standard measurement tools	2001 to 2014 and WMC Resources Ltd (WMC) from 1966 to 2001
	appropriate to the minerals under	(collectively Previous Owners).
	investigation, such as down-hole	• Lunnon Metals' diamond drill (DD) and reverse circulation (RC) holes
	gamma sondes, or handheld XRF	are completed by Blue Spec Drilling Pty Ltd (Blue Spec) following
	instruments, etc.). These examples	protocols and QAQC procedures aligned with industry best practice.
	should not be taken as limiting the	• Any DD holes on the surface of the salt lake, Lake Lefroy, have been
	broad meaning of sampling.	drilled to date by Ausdrill Pty Ltd (Ausdrill), using a track-mounted
		lake rig.
	Include reference to measures	RC Lunnon Metals
	taken to ensure sample	• RC samples are collected directly into calico sample bags on a 1.0m
	representivity and the appropriate	basis from a cone splitter mounted on the drill rig cyclone. 1.0m
	calibration of any measurement	sample mass typically averages 3.0kg splits.
	tools or systems used.	Duplicate samples are also collected directly into calico sample bags
		from the drill rig cyclone, at a rate of 1 in every 25 samples and more
	Aspects of the determination of	frequently in the expected mineralised zones.
	mineralisation that are Material to	Sub-sampling techniques and sample preparation are described
	the Public Report. In cases where	further below in the relevant section.
	'industry standard' work has been	• Sample sizes are considered appropriate for the material sampled.
	done this would be relatively	• The samples are considered representative and appropriate for this
	simple (e.g. 'reverse circulation	type of drilling.
	drilling was used to obtain 1 m	RC samples are appropriate for use in a Mineral Resource estimate.
	samples from which 3 kg was	DD Lunnon Metals
	pulverised to produce a 30 g	• Core samples are collected with a DD rig typically drilling HQ (63.5mm
	charge for fire assay'). In other	core diameter) and/or NQ2 (51mm core diameter) either from surface
	cases more explanation may be required, such as where there is	or as tails from RC pre-collars. Occasionally PQ (83mm core diameter) is drilled in shallows holes which have the additional purpose of
	coarse gold that has inherent	collecting material and data for metallurgical and geotechnical studies
	sampling problems. Unusual	All DD core is stored in industry standard plastic core trays labelled
	commodities or mineralisation	with the drill hole ID and core depth intervals.
	types (e.g. submarine nodules)	Sub-sampling techniques and sample preparation are described
	may warrant disclosure of detailed	further below in the relevant section.
	information.	• Sample sizes are considered appropriate for the material sampled.
	anjormation.	• The samples are considered representative and appropriate for this
		type of drilling.
		DD core samples are appropriate for use in a Mineral Resource
		estimate.
		Historical data
		Sampling procedures followed by Previous Owners in the drilling,
		retrieval, and storage of air core (AC), RC and DD samples and core
		were in line with industry standards at the time.
		• Surface diamond drill obtaining NQ (48mm) and/or BQ (37mm)
		diameter drill core, were the standard exploration sample techniques
		employed by WMC. Underground DD was also used extensively in the
		operating environment, with drilling of both up and down holes,
		retrieving typically BQ diameter drill core and to a lesser extent AQ
		(22mm) diameter drill core.
		• The core trays were labelled with the drill hole number and numbered

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with the downhole meterage for the start of the first 1 m run and the end of the last 1 m run on the lip of the core tray and typically



Criteria	JORC Code explanation	Commentary
Sampling		included core blocks within the core trays demarcating the depth
techniques		meterage of rod pull breaks.
(continued)		The earlier drilling was collected in wooden, and hybrid wooden/stee
(continued)		core trays and occasionally depths recorded in feet.
		Handheld XRF
		Where a handheld XRF tool was used to collect any exploration data
		reported, it was done so to assess the levels of key elements such as
		nickel, chromium, copper and zinc. The individual XRF results
		themselves are not reported and any element ratios are used as a
		guide only for logging/ sampling and to assist vectoring to potential
		mineralisation. No XRF results are used in the MRE.
		Surface rock chip and grab Sampling
		• Rock chip samples are taken manually from outcrop exposures using
		geological pick / crack hammer while grab samples are collected from
		loose rock material proximal to its original source such as spoils from
		historical sample pits.
		• Larger rock samples may be reduced in size using geological pick /
		crack hammer for representative sample compositing purposes.
		 Individual samples comprise several rock chips / grab samples from
		, , ,
		the area of interest, typically totaling 1.0 to 3.0kg collected in pre-
		numbered calico bags.
		• The sampling methodology is considered to be appropriate for the intended purpose of the data.
		Sub-sampling techniques and sample preparation are described Sub-sampling techniques and sample preparation are described
		further below in the relevant section.
		Sample sizes are considered appropriate for the material sampled an
		the intended use of the assay data in exploration planning only.
		• The samples are not considered appropriate for use, and will not be
		used, in any resource estimate.
Drilling	Drill type (e.g. core, reverse	RC Lunnon Metals
techniques	circulation, open-hole hammer,	• RC holes are typically drilled with a 5 1/2-inch bit and face sampling
	rotary air blast, auger, Bangka,	hammer. Holes are drilled dry with use of booster/auxiliary air when/
	sonic, etc.) and details (e.g. core	ground water is encountered.
	diameter, triple or standard tube,	• In the case of short holes not likely to intersect the water table and
	depth of diamond tails, face-	thus not requiring the use of booster/auxiliary air, a 4-inch bit and fa
	sampling bit or other type,	sampling hammer may be used.
	whether core is oriented and if so,	DD Lunnon Metals
	by what method, etc.).	• Core samples are collected with a DD rig typically drilling HQ (63.5m
		core diameter) and/or NQ2 (51mm core diameter) from surface, or a
		tails from RC pre-collars, or as wedge holes off parent DD holes.
		Triple tube HQ drilling techniques may be used where maximum
		recovery and preservation of core is required through the weathered
		zone from surface until competent fresh rock ground conditions are
		reached.
		1
		To help accurately test the targets, "navi" or motor drilling is
		sometimes used over short runs to control the direction of the drill
		hole. In these instances, no drill core or sample is returned from that
		portion of the drill hole. No navi drilling is undertaken within expecte
		intervals of mineralisation.
		• Wedge holes, where present, utilise the parent hole to a given depth
		then branch off from the parent hole using either a casing wedge, a
		Hall-Rowe wedge, or a natural elbow, or navi bend, in the parent hole
		from where a lip can be cut with the diamond drill bit and the wedge
		hole drilled straight off the parent.
		The DD core is orientated during the drilling process by the drill
		contractor, using a down hole Reflex ACTIIITM Rapid Descent Digital
		Core Orientation Tool, and then reconstructed over zones of interest
		by Lunnon Metals field staff for structural and geotechnical logging.



Exchiniques (continued) Historical Surface D Completed by Previous Owners typically comprised HQ, NQ and BQ size drill core. Pre-collars to the surface diamond drillholes are typically PQ and HQ size and occasionally comprised RC drilling techniques. The pre-collars are not typically mineralised. Underground WMC DD was used extensively in the underground mining environments when present. Drilling included both up hole and downhole, retrieving typically 8G diameter drill core and to a lesser extent AQ diameter drill core. Although no documentation is available to describe the drilling techniques used by Previous Owners at the time it is understood that the various drilling types used conventional drilling methods consistent with industry standards of the time. Although no documentation is available to describe the drilling techniques used by Previous Owners at the time it is understood that the various drilling types used conventional drilling methods consistent with industry standards of the time. None of the historical WMC diamond drill core was oriented.	Criteria	JORC Code explanation	Commentary
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procedures employed by Previous Owners' geologists in the KGNP			
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Criteria	JORC Code explanation	Commentary
Logging (continued)		However, the WMC historical graphical hardcopy logs and other geoscientific records available for the project are of high quality and contain significant detail with logging intervals down to as narrow as 0.01 m.
		 The geological logs document lithology, textures, structures, alteration, and mineralisation observed in drill core captured both graphically and in a five-character logging code (Lunnon Metals notes that a previous logging legend employed at WMC's Kambalda nickel operations utilised a 3-letter code which is often represented on hard copy plans and cross sections of an older vintage and which was converted by WMC to the latter 5-character code at some later time). Stratigraphy is also captured in a three-character logging code. Sample intervals are recorded on the graphical log. These logging legends are well documented in lieu of a recorded procedure and are
		utilised by Lunnon Metals in current logging practices. • In regard geotechnical logging or procedures, there is no record of any formal relevant procedures or logging and based on personal experience of the Competent Person, such logging was not routinely completed prior to the introduction of Regulation 10:28 in the WA Mine Safety and Inspection Act, requiring the same in approximately 1996.
		Based on the personal experience of the relevant Competent Person to this announcement, having worked for WMC in Kambalda between 1996 and 2001, and Gold Fields between 2001 and 2006, it is known that the Previous Owners had a rigorous and regimented system for storing and archiving the graphical logs physically, microfilmed, and drafted on to master cross sections, plans, and long sections.
		• Starting in the early 2000s under Gold Fields ownership drillhole logging information was captured digitally via rugged tablet, field-based laptops (known as " Toughbooks ") using a newly developed inhouse (and industry standard) geological logging legend which was overseen by the Competent Person who was Exploration Manager for the St Ives Gold Mining Co Pty Ltd (SIGM) at that time.
		Both the graphically captured interval data and the more recently digitally captured geological logging information was stored in a secure digital database.
		Lunnon Metals sourced historical diamond core from the SIGM Kambalda core yard on Durkin Road where relevant to its investigations.
		 Optical Televiewer downhole surveys For additional information regarding Optical Televiewer surveys please refer to Table 1 section 2 'Other substantive exploration data' criteria. Surface rock chip and grab sampling
		 All rock chip / grab samples have been geologically described and recorded by a qualified geologist. The geological logging was to a level appropriate for exploration
		planning purposes. • Geological logging of the samples is qualitative in nature.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	 Lunnon Metals RC Dry RC samples are collected directly into calico sample bags on a 1.0m basis from a cone splitter mounted on the drill rig cyclone. 1.0m sample mass typically averages
• • • • • • • • • • • • • • • • • • • •	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	• Industry prepared certified reference material (CRM), or standard samples, of various grades appropriate to the mineralisation expected are inserted into the sample batches, approximately every 50 samples and more frequently in the expected mineralised zones.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Lunnon Metals prepared blank samples are inserted, approximately every 50 samples and more frequently in the expected mineralised zones. At present blank samples are prepared from CRM Bunbury



Criteria Sub-sampling techniques and sample preparation (continued)

JORC Code explanation

Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.

Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.

Whether sample sizes are appropriate to the grain size of the material being sampled.

Commentary

Basalt. In the past blanks were prepared from barren non-ultramafic RC chips as verified by laboratory analysis or barren non-ultramafic Proterozoic Dyke DD core acquired locally and verified by geological logging.

- Blank samples are prepared from barren reject RC chips as verified by laboratory analysis and geological logging.
- Duplicate samples are also collected from the drill rig cyclone, at a rate of 1 in every 25 samples and more frequently in the expected mineralised zones.
- After receipt of the RC samples by the independent laboratory the samples are typically dried and pulverised with >85% pulverised to 75micron or better. For sample weights > 3kg the sample is dried, split and pulverised up to 3kg.
- RC samples submitted for Chrysos PhotonAssayTM (PhotonAssay)
 method of gold analysis, are dried and crushed to ~2-3mm and
 loaded into 330mL plastic jars (typically 400-650g) ready for analysing.
 Lunnon Metals DD (and re-sampling of Historical DD where
 relevant)
- DD core samples are collected with a diamond drill rig drilling HQ and/or NQ2 size core. After logging, sample interval mark-up, photographing, and geotechnical rock property test work, selected sample intervals of drill core are cut in half along the length of the drill core with a diamond saw in a Discoverer® Automatic Core Cutting Facility using a Corewise Auto Core Saw.
- Typically, one half of the drill core is sent to the laboratory for assay and the other half retained in its original core tray.
- In zones of potential metallurgical interest, the half core sample is vacuum sealed and stored refrigerated for later use, the remaining half core is further cut into quarters with one quarter sent to the laboratory for assay and the remaining quarter retained in its original core tray.
- In the case of metallurgical 'twin' holes, the quarter core is sent to the laboratory for assay, while the remaining three quarters of core is vacuum sealed and stored refrigerated. No core is retained in its original core tray.
- Holes are marked-up and sampled for assaying over mineralised and surrounding intervals at a typical minimum sample interval of 0.3m to ensure adequate sample weight and a typical maximum sample interval of 1.0m, constrained by geological boundaries.
- Specific Gravity Sufficient density measurements are taken for each mineralised DD sample for the Lunnon Metals drill holes.
- Sample weights vary depending on core diameter, sample length and density of the rock. Regolith zonation is taken into account.
- Industry prepared certified reference material (CRM), or standard samples of various grades appropriate to the mineralisation expected are inserted into the sample batches, approximately every 50 samples and more frequently in the identified mineralised zones.
- Lunnon Metals prepared blank samples are inserted, approximately every 50 samples and more frequently in the identified mineralised zones. At present blank samples are prepared from CRM Bunbury Basalt. In the past blanks were prepared from barren non-ultramafic RC chips as verified by laboratory analysis or barren non-ultramafic Proterozoic Dyke DD core acquired locally and verified by geological logging.
- Field duplicate samples are collected at a rate of 1 in 25 samples, and more frequently in the identified mineralised zones, by cutting the core into quarters and submitting both quarters to the laboratory for analysis as two separate samples.
- In the case of the metallurgical holes no field duplicates are collected to preserve a consistent amount of core for metallurgical testwork.



Criteria	JORC Code explanation	Commentary
Sub-sampling		After receipt of the DD core samples by the independent laboratory the
techniques		samples are dried, crushed to ~2mm, and pulverised with >85%
and sample		pulverised to 75micron or better. For sample weights >3kg the sample
preparation		is dried, crushed to ~2mm, split, and pulverised up to 3kg.
(continued)		• DD core samples submitted for PhotonAssay method of gold analysis,
		are dried and crushed to ~2-3mm and loaded into 330mL plastic jars
		(typically 400-650g) ready for analysing.
		• Sample sizes are considered appropriate for the style of mineralisation
		Samples are submitted to Intertek Genalysis in Kalgoorlie for sample
		preparation i.e. drying, crushing where necessary, and pulverising. Pulverised samples are then transported to Intertek Genalysis in Perth
		for analysis.
		Historical data
		 All historical core that was relevant to the mineralisation drilled and sampled by WMC as sighted by Lunnon Metals was sawn with half or
		quarter core sampling practices. It is assumed that all samples
		otherwise contributing to any estimation of nickel mineralisation by
		Lunnon Metals were processed with this standard methodology.
		• In regard historical core if used in a future MRE, subsampling
		techniques for WMC drilled NQ and BQ and occasionally AQ size drill holes typically involved half and quarter sawn drill core with the
		quarter core dispatched for assaying in the case of NQ and BQ, and
		half core in the case of AQ.
		Portions of drill core distal to the main high-grade mineralisation were
		sometimes 'chip sampled' by WMC. Lunnon Metals has chosen not to
		utilise such samples in any estimation of grade or mineralisation.
		WMC typically sampled in interval lengths relevant to the underlying
		lithology and mineralisation such that sample interval lengths may
		vary from between minima of 0.05m and maxima up to 2.00m
		approximately within any mineralised zone.
		 Intervals of no mineralisation or interest were not sampled.
		Review of historical drill core by Lunnon Metals indicated that there were no areas of interest relevant to mineralisation that were not half
		or quarter core sawn and sampled by WMC and that the sample sizes
		were appropriate for the type, style and thickness of mineralisation
		being tested with sample breaks corresponding to lithological or
		mineralisation breaks being the norm. Although faded through time,
		sample depth intervals are evident as marked on the remaining half
		core as observed by Lunnon Metals and these correlate to sample
		interval depths in the original paper graphical drill logs and the
		historical database
		While the Previous Owners' procedures for logging, sampling,
		assaying and QAQC of drillhole programs was not available at the tim
		of this announcement it is interpreted that it was of high quality and i
		line with industry standards at that time.
		It is the opinion of the relevant Competent Person that the sample
		preparation, security, and analytical procedures pertaining to the
		above-mentioned historical drilling by Previous Owners were adequat
		and fit for purpose based on:
		 Both WMC and Gold Fields' reputation in geoscience, in WMC's case stemming from their discovery of nickel sulphides in Kambalda in the
		late 1960s;
		- identification of procedures entitled "WMC QAQC Practices fo
		Sampling and Analysis, Version 2 – adapted for St Ives Gold dated February 2001 and which includes practices for nickel; and
		 the first-hand knowledge and experience of the Competen Person of this announcement whilst working for WMC and Gold



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Criteria	JORC Code explanation	Commentary Surface reals white and grade complies
Sub-sampling		Surface rock chip and grab sampling
techniques		• As the rock chip / grab samples are intended for exploration planning
and sample		purposes only no Company sample preparation QAQC processes were
preparation (continued)		undertaken (insertion of CRM's or blanks). Laboratory QAQC protocols were utilized in the sample preparation and analysis phase.
(continued)		After receipt of the rock chip / grab samples by the independent
		laboratory the samples are dried, crushed to ~2mm, and pulverised
		with >85% pulverised to 75micron or better. For sample weights >3kg
		the sample is dried, crushed to ~2mm, split, and pulverised up to 3kg.
		Rock chip / grab samples submitted for PhotonAssay method of gold
		analysis, are dried and crushed to ~2-3mm and loaded into 330mL
		plastic jars (typically 400-650g) ready for analysing.
		Samples are submitted to Intertek Genalysis in Kalgoorlie for sample
		preparation i.e. drying, crushing where necessary, and pulverising.
		Pulverised samples are then transported to Intertek Genalysis in Perth
		for analysis.
Quality of	The nature, quality and	For both Lunnon Metals RC and DD (and re-assaying of Historical
assay data and	appropriateness of the assaying	DD where relevant) and surface rock chip / grab samples
laboratory	and laboratory procedures used	Samples are submitted to Intertek Genalysis in Kalgoorlie for sample
tests	and whether the technique is	preparation such as drying, crushing where necessary, and pulverising.
	considered partial or total.	Prepared samples are then transported to Intertek Genalysis in Perth
		for analysis.
	For geophysical tools,	• Samples are analysed for a multi-element suite (typically 33 or 48
	spectrometers, handheld XRF	elements) including, as a minimum, Ni, Cu, Co, Cr, As, Fe, Mg, Pb, S, Ti,
	instruments, etc., the parameters	Zn. Analytical techniques used a four-acid digest (with ICP-OES or ICP-
	used in determining the analysis	MS finish) of hydrofluoric, nitric, perchloric and hydrochloric acids,
	including instrument make and	suitable for near total dissolution of almost all mineral species
	model, reading times, calibrations	including silica-based samples.
	factors applied and their	Within nickel mineralised zones, the platinum group elements (Pd, Pt, Ax) are also applyed using a FOR sharps load collection fire assay.
	derivation, etc.	Au) are also analysed using a 50g charge lead collection fire assay method with ICP-MS finish.
	Nature of quality control	For the purpose of gold exploration, all samples have been typically
	procedures adopted (e.g.	submitted for 50g charge lead collection fire assay, while samples
	standards, blanks, duplicates,	specifically located in weathered regolith and mineralised zones are
	external laboratory checks) and	submitted for the same multi-element suite as above for the purpose
	whether acceptable levels of	of assessing potential gold path finder elements.
	accuracy (i.e. lack of bias) and	• From 2024 the Company has moved to Chrysos PhotonAssay TM
	precision have been established.	(PhotonAssay) as its preferred methods of gold analysis. PhotonAssay
	·	is a high-energy X-ray source that is used to irradiate large mineral
		samples, typically about 0.5 kg. The X-rays induce short-lived changes
		in the structure of any gold nuclei present. As the excited gold nuclei
		return to their ground state, they emit a characteristic gamma-ray
		signature, the intensity of which is directly proportional to the
		concentration of gold. The penetrating nature of PhotonAssay
		provides much higher energy than those used in conventional X-ray
		fluorescence (XRF), which provides a true bulk analysis of the entire
		sample. Samples are presented into a fully automatic process where
		samples are irradiated, measured, data collected and reported.
		These techniques are considered quantitative in nature. As discussed are in the case of reals bin (reals agreed as a few plants).
		As discussed previously, except in the case of rock chip/grab samples, CRM standard and blank complex are inserted by Lynnon Metals into
		CRM standard, and blank samples are inserted by Lunnon Metals into
		sample batches, and the laboratory also carries out internal standards in individual batches.
		The resultant Lunnon Metals and laboratory QAQC data is reviewed
		upon receipt to determine that the accuracy and precision of the data
		has been identified as acceptable prior to being cleared for upload to
		the project-wide Lunnon Metals KGNP Geobank® (Micromine)
		database (Database).



Criteria	JORC Code explanation	Commentary
Quality of	Joke Code explanation	Historical data
_		
assay data and		• There is no data available at the time of this announcement pertaining
laboratory		to the assaying and laboratory procedures nor the historical field or
tests		laboratory quality assurance and quality control (QAQC), if any,
(continued)		undertaken by Previous Owners' drilling programs in the KGNP area;
		however, it is expected that industry standards as a minimum were
		likely to have been adopted in the KGNP area and the analytical
		laboratory.
Verification of	The verification of significant	For both Lunnon Metals RC and DD
sampling and	intersections by either	Numerous DD twin holes of original RC holes, and DD wedge twin
assaying	independent or alternative	holes from original DD parent holes now completed at KGNP
	company personnel.	demonstrate acceptable correlation and verification of the associated
		significant nickel intersections reported. The distance between the
	The use of twinned holes.	original and twin holes typically ranges between 0.5m and 5.0m.
		Specific assayed gold interval samples nominated for verification are
	Documentation of primary data,	either re-split in the field via riffle splitter in the case of RC samples, or
	data entry procedures, data	in the case of DD core the remaining half of core from the core trays
	verification, data storage (physical	are sampled. These full intervals of duplicate samples are assayed via
	and electronic) protocols.	the original and/or alternative methods as a means of verifying the
		original gold assays.
	Discuss any adjustment to assay	Prior to drilling, all planned collar data is captured in a digital drillhole
	data.	collar register stored on a secure site-based server which is backed up
	autu.	to Perth based server continuously. The collar register is updated as
		drilling progresses and is completed.
		Sample intervals are captured in digital QAQC'd spreadsheets via
		Toughbooks. After internal sign-off, these digital sampling registers
		are saved by geologists in the designated folder on the server.
		After further data validation by the database administrator, the items
		in the upload folder are uploaded to a secure digital Database on a
		separate sequel sever.
		• Since September 2023 the data collected on the Toughbooks
		synchronises directly to the Database stored on a separate secure
		sequel server. A set of buffer tables store the data before the database
		administrator does a second validation of the data (driven by in-built
		validation rules in the Database) before loading to the production data
		tables.
		Assays from the laboratory are sent directly to the database
		administrator via a dedicated Lunnon Metals assays email address
		where they are all checked and verified by the Lunnon Metals
		database administrator before accepting the batches into the
		database.
		No adjustments are made to the original assay data. Only the Lunnon
		Metals database administrator has editable access to assay values
		stored in the Database and an internal periodic audit protocol is in
		place to verify Database assay values against original laboratory
		provided assay data.
		Historical data
		Diamond core data – across the KGNP, Lunnon Metals has undertaken
		exhaustive assessment of historical WMC underground and surface
		diamond drill core to inspect and visually validate significant drill
		assays and intercepts, and re-sample and re-assay to validate historical
		assay data in the KGNP Database.
		No significant or systematic inconsistencies have been identified and the Garage teach Paragraph and included in the project of the
		the Competent Person is satisfied that the original data in the project
		area is representative of the geology and mineralisation modelled;
		thus, no adjustments to assay data have been deemed necessary or
		made.



Criteria	JORC Code explanation	Commentary
Verification of		Twin holes of select historical WMC intercepts have now been
sampling and		completed and also demonstrate acceptable correlation and
assaying		verification of the associated historically significant nickel intersections.
(continued)		Lunnon Metals notes that the Kambalda style of nickel mineralisation
		is highly visible permitting the nickel grade to be relatively accurately
		estimated by experienced geologists to validate the laboratory assay
		grade; this is a practice that is not uncommon in the nickel mining
		= · · · · · · · · · · · · · · · · · ·
		industry.
		Surface rock chip and grab sampling
		No verification of sampling and assaying of surface rock chip/grab
		samples is undertaken
Location of	Accuracy and quality of surveys	General
data points	used to locate drillholes (collar and	• The grid projection is GDA94/ MGA Zone 51.
	down-hole surveys), trenches,	Diagrams and location data tables have been provided in the previous
	mine workings and other locations	reporting of exploration results where relevant.
	used in Mineral Resource	For both Lunnon Metals RC and DD
	estimation.	RC and DD hole collar locations are located initially by handheld GPS
		to an accuracy of +/- 3m. Planned resource drill holes are set out by a
	Specification of the grid system	licensed surveyor for better than 3m accuracy. Subsequently, drill hole
	used.	collar locations are then picked up by a licensed surveyor using DGPS
		methods following the completion of the drilling.
	Quality and adequacy of	• All drill holes are typically surveyed downhole at 5m intervals using the
	topographic control.	REFLEX gyro Sprint-IQ (north seeking gyro) system for both azimuth
		and dip measurements or the new REFLEX gyro OMNIx42, which is
		stated to have an even greater accuracy than the Sprint-IQ.
		Downhole surveys are uploaded by Blue Spec and Ausdrill to the
		IMDEXHUB-IQ, a cloud-based data management program where
		surveys are validated and approved by trained Lunnon Metals staff.
		Surveys can now be validated live and in 3D with the introduction of
		Seequent Central to the process, a cloud-based management system
		with direct integration between IMDEX and Leapfrog Geo (3D geology
		modelling software). Approved exports are then downloaded to the
		server and after additional QAQC checks and sign off the survey data
		<u> </u>
		is uploaded to the Database. The input file is the same file directly
		downloaded from the IMDEX hub, so data entry errors are eliminated.
		Historical data
		Historical methods of drill collar survey pick-up are not recorded
		however Previous Owners did employ surface surveyors dedicated to
		the collection of exploration collar data. The easting, northing and
		elevation values were originally recorded in local KNO ('Kambalda
		Nickel Operations') grid and later converted to the currently used
		GDA94/MGA Zone 51 grid. Both the original KNO grid coordinates
		and the converted coordinates are recorded in the Database. A
		representative number of historical drill collars were located in the
		field and their locations cross checked via differential GPS and/or
		handheld GPS to validate the Database collar coordinates.
		Historical hardcopy downhole survey data is generally available for the
		majority of surface drillholes and the records show that single shot
		magnetic instruments were used. A representative number of these
		hardcopy downhole survey records have been cross checked against
		the digital records in the Database.
		Downhole surveys of select historical surface DD have been conducted
		using modern gyro systems as described above and no significant
		errors or inconsistencies were deemed present.
		Lunnon Metals has corrected where necessary incorrect data in the Detalace where down hale measurements from the harden wideter
		Database where down hole measurements from the hardcopy data
		were incorrectly processed.



Criteria	JORC Code explanation	Commentary
Location of		No other significant errors or inconsistencies were deemed present or
data points		capable of being detrimental to any interpretation of gold or nickel
(continued)		mineralisation, including any MRE work.
(continued)		Surface rock chip and grab sampling
		• The rock chip / grab sampling points are located by handheld GPS to a
		typical accuracy of +/- 3m.
Data spacing	Data spacing for reporting of	For both Lunnon Metals RC and DD
and	Exploration Results.	• The RC and DD programs at KGNP comprise drillhole spacings that are
distribution		dependent on the target style, orientation and depth. Drillholes are
	Whether the drill spacing and	not necessarily drilled to set patterns or spacing at the exploration
	distribution is sufficient to	stage of the program.
	establish the degree of geological	Previous drill spacing varies greatly, again subject to the target style
	and grade continuity appropriate	dimensions, orientation and depth and inherent geological variability
	for the Mineral Resource and Ore	and complexity.
		· ·
	Reserve estimation procedure(s)	All holes have been geologically logged and provide a strong basis for
	and classifications applied	geological control and continuity of mineralisation.
		No sample compositing has been applied except at the reporting
	Whether sample compositing has	stage of drill intercepts within a single hole.
	been applied	Historical data
		• The typical spacing for the early WMC DD surface drill traverses varies
		but is typically approximately 200m to 400m apart with drillhole
		spacing along the traverses at 100m to 50m. In areas of shallower RC
		drilling this drill spacing is sometimes improved to 100m by 50m or
		even 50m by 50m.
		• The drill spacing for areas the subject of underground DD holes was
		variable but was on average spaced at approximately 20m along the
		strike of a mineralised zone with fans or rings of DD holes that deliver
		pierce points in the dip orientation at variable spacing, but typically
		10m to 20m apart.
		The drill spacing for the gold prospects reported, with both Lunnon
		Metals surface DD and RC and Previous Owners surface DD, RC and
		AC, is variable but ranges typically from 320m, 160m, 80m, 40m, to
		20m hole spacing depending on the maturity or state of advancement
		of the prospect by those Previous owners.
		Surface rock chip and grab sampling
		Not relevant to the reporting of rock chip / grab samples.
		• Spacing of sample location is arbitrary, and dependent on the surface
		exposures identified in the field.
		• The location, assay results and geological descriptions of the rock chip
		/ grab samples reported is not appropriate for use, and will not be
		used, in any mineral resource estimate
Orientation of	Whether the orientation of	The preferred orientation of drilling at KGNP is designed to intercept
data in	sampling achieves unbiased	the target approximately perpendicular to the strike and dip of the
relation to	sampling of possible structures	mineralisation where/if known. Subsequent sampling is therefore
	and the extent to which this is	· · · · · · · · · · · · · · · · · · ·
geological		considered representative of the mineralised zones if/when
structure	known, considering the deposit	intersected.
	type.	• In the broader project area, the majority of historical drill holes were
		collared vertically and lifted/drifted in towards close to perpendicular
	If the relationship between the	to the mineralisation with depth as the nickel contact was approached.
	drilling orientation and the	The chance of bias introduced by sample orientation relative to
	orientation of key mineralised	structures, mineralised zones or shears at a low angle to the drillhole is
	structures is considered to have	possible, however quantified orientation of the intercepted interval
	introduced a sampling bias, this	allows this possible bias to be assessed. Where drilling intercepts the
	_ · · · · · · · · · · · · · · · · · · ·	
	should be assessed and reported if	interpreted mineralisation as planned, bias is considered non-existent
	material.	to minimal.
		• Lunnon Metals does not consider that any bias was introduced by the
	1	orientation of sampling resulting from any particular drilling
		one traction of sampling resulting from any particular drining



Criteria	JORC Code explanation	Commentary
		Where drilling intercepts the interpreted mineralisation as planned,
		bias is considered non-existent to minimal.
Sample	The measures taken to ensure	Lunnon Metals RC
Sample security	The measures taken to ensure sample security	
		ties. The polyweave bags are in turn placed in bulka bags which are secured on wooden pallets and transported directly via road freight to the laboratory with a corresponding submission form and consignment note. • The laboratory checks the samples received against the submission form and notifies Lunnon Metals of any inconsistencies. Once the laboratory has completed the assaying, the pulp packets, pulp residues and coarse rejects are held in the laboratory's secure warehouse until collected by Lunnon Metals or approval is provided for them to be discarded. Historical data • There is no documentation which describes the historical sample handling and submission protocols during Previous Owners' drilling programs; however, it is assumed that due care was taken with security of samples during field collection, transport and laboratory analysis. The historical drill core remaining after sampling was stored and catalogued at the KNO core farm (now Gold Fields, SIGM core farm)
		and it remains at this location to the present day.
Audits or review	The results of any audits or reviews of sampling techniques and data.	 No external audits or reviews have been undertaken at this stage of the program. WMC Historical data Cube Consulting Pty Ltd (Cube) are independent of Lunnon Metals and have been previously retained by Lunnon Metals to complete the grade estimation for nickel mineralisation models and MRE exercises but also to review and comment on the protocols developed by Lunnon Metals to deal with, and thereafter utilise, the historical WMC Resources' data, in particular the re-sampling and QAQC exercise completed by Lunnon Metals such that the data is capable of being used in accordance with current ASX Listing Rules where applicable and JORC 2012 guidelines and standards for the generation and reporting of MREs. Cube has documented no fatal flaws in the work completed by Lunnon Metals in this regard.



SECTION 2: REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
Mineral	Type, reference name/number,	The property is located on granted Mining Leases. Although all the
tenement and	location and ownership including	tenements wholly or partially overlap with areas the subject of
land tenure	agreements or material issues with	determined native title rights and interests, the Company notes that
status	third parties such as joint ventures,	the original grant of the right to mine pre-dates 23 December 1996
	partnerships, overriding royalties,	and as such section 26D of the Native Title Act may be applied to
	native title interests, historical	exempt any future renewals or term extensions from the right to
	sites, wilderness or national park	negotiate in Subdivision P of the Act.
	and environmental settings.	Notwithstanding the above, on January 9 2025, the Company
		announced that it had executed a Mining Agreement with the Ngadju
	The security of the tenure held at	Native Title Aboriginal Corporation RNTBC (NNTAC), covering the
	the time of reporting along with	relevant parts of the KGNP that fall on Ndadju Determination Area
	any known impediments to	country. Significantly, the Agreement secures the renewal of the
	obtaining a licence to operate in the area.	Company's mining licences, delivering certainty beyond the current term ending in December 2025.
	the area.	The complete area of contiguous tenements on which the Silver Lake-
		Fisher project and rights is located is, together with the wholly owned
		Foster-Baker project area on the south side of Lake Lefroy, collectively
		referred to as the Kambalda Gold & Nickel Project ("KGNP") area.
		Gold Fields Ltd's wholly owned subsidiary, SIGM, remains the
		registered holder and the beneficial owner of the Silver Lake- Fisher
		area.
		Lunnon Metals holds:
		- 100% of the rights and title to the Foster-Baker (FBA) area of KGNP,
		its assets and leases, subject to certain select reservations and
		excluded rights retained by SIGM, principally relating to the right to
		gold in defined areas and the rights to process any future gold ore
		mined at their nearby Lefroy Gold Plant;
		- The FBA project area of KGNP comprises 19 tenements, each
		approximately 1,500 m by 800 m in area, and three tenements on
		which infrastructure may be placed in the future. The tenement
		numbers are as follows:
		M15/1546; M15/1548; M15/1549; M15/1550; M15/1551;
		M15/1553; M15/1556; M15/1557; M15/1559; M15/1568;
		M15/1570; M15/1571; M15/1572; M15/1573; M15/1575;
		M15/1576 M15/1577; M15/1590; M15/1592;
		and additional infrastructure tenements:
		M15/1668; M15/1669; M15/1670; and
		- 100% of the mineral rights to nickel and associated metals in the
		Silver Lake-Fisher (SLF) project area of KGNP, subject to the rights
		retained by SIGM as tenement holder and as detailed in the Mineral
		Rights Agreement (MRA). The tenement numbers are as follows (note
		select tenements are not wholly within the MRA area):
		M15/1497; M15/1498; M15/1499; M15/1505; M15/1506;
		M15/1507; M15/1511; M15/1512; M15/1513; M15/1515;
		M15/1516; M15/1523; M15/1524; M15/1525; M15/1526;
		M15/1528; M15/1529; M15/1530; M15/1531:
		and access rights to ML15/0142.
		There are no known impediments to potential future development or operations, subject to relevant regulatory approvals, over the leases
		where significant results have been reported.
		The tenements are in good standing with the Western Australian
		Department of Mines, Industry Regulation and Safety.
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Criteria	JORC Code explanation	Commentary
Exploration	Acknowledgement and appraisal	• In relation to nickel mineralisation, WMC, now BHP Nickel West Pty Ltd
done by other	of exploration by other parties.	and a wholly owned subsidiary of BHP Group Ltd, conducted all
parties		relevant exploration, resource estimation, development and mining of the mineralisation at Foster, Jan, Silver Lake and Fisher mines from establishment of the mineral licences through to sale of the properties to SIGM in December 2001. • Approximately over 550,000m of DD was undertaken on the properties
		the subject of the FBA and SLF area by WMC prior to 2001. • SIGM has conducted later gold exploration activities on the KGNP area since 2001, however until nickel focused work recommenced under Lunnon Metals management, no meaningful nickel exploration has been conducted since the time of WMC ownership and only one nickel focused surface diamond core hole (with two wedge holes), was completed in total since WMC ownership and prior to Lunnon Metals' IPO.
		 On the KGNP, past total production from underground mining in contained nickel metal terms by WMC was: Foster 61,129 nickel tonnes;
		- Jan 30,270 nickel tonnes;
		- Fisher 38,070 nickel tonnes; and
		- Silver Lake 123,318 nickel tonnes.
Geology	Deposit type, geological setting and style of mineralisation.	The KGNP area is host to both typical 'Kambalda' style, komatiitic hosted, nickel sulphide deposits and Archaean greenstone gold deposits such as routinely discovered and mined in Kambalda/St Ives district. The project area is host to nickel mineralisation and elements associated with this nickel mineralisation, such as Cu, Co, Pd and Pt and also gold mineralisation as evidenced by the past mining activities noted above.
Drillhole information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes: • easting and northing of the drillhole collar • elevation or RL (elevation above sea level in metres) of the drillhole collar • dip and azimuth of the hole • down hole length and • interception depth hole length	 Drill hole collar location and directional information has been provided within the body of related previous ASX reports and also within the relevant Additional Details Table in the Annexures of those reports. A representative proportion of historical drilling completed by Previous Owners as recorded in the drilling Database and relevant to the report, has been verified. Due to the long plunge extents and ribbon like nature of many of the known and potential nickel shoots at the KGNP, long projections are often considered the most appropriate format to present most results, especially if there are insufficient drill hole intercepts to present meaningful, true cross sections. Isometric and plan views are also utilised to place drill results in context if possible. In regard the gold prospects reported, plan, isometric, long projection and/or cross section views are presented if sufficient data or individual drill intercepts are present to make this meaningful. Cross sections are often only able to be presented once sufficient pierce points on the same section have been generated and the interpretation sufficiently well advanced to present such sections in a meaningful manner.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	 Grades have been reported as intervals recording down-hole length and interpreted true width where this estimation is able to be made. Any grades composited and reported to represent an interpreted mineralised intercept of significance are reported as sample-length weighted averages over that drill intercept. Nickel Exploration Results The Company currently considers that grades above 0.5% Ni and/or 1.0% Ni are worthy of consideration for individual reporting in any announcement of Exploration Results in additional details tables provided.



Criteria	JORC Code explanation	Commentary
Data		Composite nickel grades may be calculated typically to a 0.5% Ni cut-
aggregation		off with intervals greater than 1.0% reported as "including" in any
methods		zones of broader lower grade mineralisation.
(continued)		Other composite grades may be reported above differing cut-offs because in such assess the such off will be a positionally extended.
		however in such cases the cut off will be specifically stated.
		Reported intervals may contain minor internal waste (samples with
		values below stated cut-off grade) however the resultant composite
		must be greater than either the 0.5% Ni or 1.0% Ni as relevant (or the alternatively stated cut-off grade).
		As per other Kambalda style nickel sulphide deposits the Lunnon
		Metals composites reported may include samples of very high nickel
		grades down to lower grades approaching the 0.5% Ni or 1.0% Ni cut-
		off as relevant.
		No top-cuts have been applied to reporting of drill assay results and
		no metal equivalent values have been reported.
		Other elements of relevance to the reported nickel mineralisation,
		such as Cu, Co, Fe, Mg, Pd and Pt and the like, are reported where the nickel grade is considered significant, if they have been assayed.
		• Historical drilling in the project area was typically only assayed for Ni
		and less frequently for Cu, Zn and Co.
		Gold Exploration Results
		• The Company currently considers that grades above 0.5g/t Au and/or
		1.0g/t Au are worthy of consideration for individual reporting in any
		announcement of Exploration Results in additional details tables
		provided.
		• Composite grades may be calculated typically to a 0.5g/t Au cut-off
		with intervals greater than 1.0g/t reported as "including" in any zones
		of broader lower grade mineralisation.
		Other composite grades may be reported above differing cut-offs
		however in such cases the cut off will be specifically stated.
		Reported intervals may contain variable widths of internal waste
		(samples with values below stated cut-off grade) depending on the
		style of gold mineralisation being investigated however the resultant
		composite must be greater than either the 0.5g/t Au or 1.0g/t Au as
		relevant (or the alternatively stated cut-off grade).
		No top-cuts have been applied to reporting of drill assay results and
		no metal equivalent values have been reported.
		• Where present, historical SIGM drilling in the project area was typically
		only assayed for Au.
		Surface rock chip and grab sampling
		Only individual rock chip assay results have been released.
		Results have not been aggregated. No most loggiculant values are reported.
		No metal equivalent values are reported. Para the para forms of the parallel and the
		Results are from surface outcrops and / or existing historical sample
		pit spoils as relevant, no estimate of width or geometry of the sampled
		medium is provided
Relationship	<i>If the geometry of the</i>	In regard to nickel exploration, the general strike and dip of the
between	mineralisation with respect to the	Lunnon Basalt footwall contact and by extension any hanging wall
mineralisation	drillhole angle is known, its nature	related nickel mineralised surfaces, if present, are considered to be
widths and	should be reported.	well defined by past drilling which generally allows for true width
intercept		calculations to be made regardless of the density or angle of drilling.
lengths	If it is not known and only the	For nickel exploration in the broader project area, if possible due to
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	down hole lengths are reported,	the shallow depth, drillhole design has generally allowed drill holes to
	there should be a clear statement	intersect target surfaces at approximately perpendicular to the strike
	to this effect (e.g. 'down hole	of mineralisation.
	length, true width not known').	• In regard to the gold prospects reported, subject to the stage of
		maturity and thus understanding of the prospect and target
		mineralisation, again, if possible, drillholes are designed to intersect
	1	target surfaces at approximately perpendicular to the strike of



Criteria	JORC Code explanation	Commentary
Girceila	Tone code explanation	mineralisation. Earlier stage or conceptual gold targets however may
		not be sufficiently well understood to allow this to be the case.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.	Plans, long projections and sections, and isometric imagery where able to clearly represent the results of drilling, have been included in this report or previously been provided in prior lodged reports.
Balanced	Where comprehensive reporting of	Drill collar locations of Previous Owners Historical drilling and current
reporting	all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	 drilling completed by Lunnon Metals have been previously lodged on the ASX platform and all results of the drilling have also been previously reported. In relation to previous nickel MREs, some WMC Historical DD holes may have informed the margins, periphery or extents of the MRE, but themselves were not significantly mineralised.
Other	Other exploration data, if	The KGNP has a long history of geological investigation, primarily for
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	 Inte KGNP has a long history of geological investigation, primarily for nickel, but also gold to a lesser degree. Datasets pertinent to the KGNP that represent other meaningful and material information include: Geophysics - multiple ground and aerial based surveys of magnetic, gravity, Sub Audio Magnetics, electro magnetics, and down hole transient electromagnetic surveys along with more limited 2D and 3D seismic surveys. Geochemistry - nickel and gold soil geochemistry datasets across the KGNP and rock chip sampling in areas of outcrop. Select historical production data recording metallurgical performance of the mines located on the KGNP and the nickel metal delivered to the Kambalda Concentrator is also available in aggregated format. Nickel and gold metallurgical test work on drill core and RC samples from the KGNP is carried out by external consultants, currently Independent Metallurgical Operations Pty Ltd using methodologies consistent with the type of mineralisation encountered and the likely future processing route. In regard nickel, the Company has developed a testwork program that best approximates the treatment conditions at the Kambalda Concentrator. In regard gold, initial 'sighter' testwork is conducted on RC samples to characterise and confirm high level recovery and reagent usage parameters. Thereafter, DD core will undergo a testwork program aligned with the likely or potential chosen processing route, for example, the nearby Gold Fields' Lefroy Plant or other 3rd party plants in the Kambalda-Kalgoorlie-Coolgardie district. Geotechnical test work on drill core is carried out by independent consultants MGT involving on-site geotechnical logging of the DD core and off-site rock property testing of selected DD core samples. Downhole Transient Electro-magnetic (DHTEM) surveys, when conducted, use the DigiAtlantis system and DRTX transmitter. The readings are typically



Criteria	JORC Code explanation	Commentary
Other		The OTV survey generates an oriented 360-degree image of the
substantive		borehole wall by way of a CCD camera recording the image reflected
exploration		from a prism.
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data		ABIMS provide in-house OTV data interpretation techniques which include the street and first are described.
(continued)		include structural feature classifications along with structural feature
		dip and dip direction determination
		• The OTV wireline surveys in RC holes, if applicable, are particularly
		useful in defining geological and structural orientation data, data that
		is otherwise unobtainable from RC drill chips.
		Where completed, these OTV surveys can identify the downhole
		locations of geological and structural features potentially associated
		with gold mineralisation such as veining and shearing, such that the
		positions and intensity of these features can be reconciled with the RC
		chips used by the geologist for geological logging.
		• For nickel, the OTV surveys can identify the extents of the sulphide
		mineralisation, the down hole depths of other key contacts, and
		enabled the visual reconciliation of the 1m Ni assay results received
		with the apparent styles of nickel sulphide mineralisation imaged
		downhole and provided the orientation of important shear structures
		within the selected RC holes.
		If required, ABIMS are also used to collected down-hole imaging data
		using the latest generation ABI40 Acoustic Televiewer (ATV) and a
		customised logging vehicle. The ATV wireline survey in DD holes
		provides down-hole geological definition, geotechnical rock mass
		characterisation, determination of fracture frequency and orientation,
		and primary stress orientation. The ABI40 ATV generates an image of
		the drillhole wall by transmitting ultrasound pulses from a rotating
		sensor and recording the amplitude and travel time of the signals
		reflected from the drillhole wall. Data is transferred back to the surface
		via a wireline in real time. Such data collected is used by the
		Company's geologists in support of deposit geological and structural
		modelling and by geotechnical consultants for geotechnical
		assessment purposes.
		If required, Southern Geoscience Consultants Pty Ltd (SGC) provide an
		ultrasonic velocity meter for the collection of velocity data
		measurements on DD. Data from this coupled with density
		measurements will provide acoustic impedance information, enabling
		the reflectivity in the seismic section to be tied to the geology in the
		borehole.
Further work	The nature and scale of planned	• Since the Company's IPO, over 92,000m of either diamond or RC
	further work (e.g. tests for lateral	drilling has now been completed at FBA and SLF, primarily focused on
	extensions or depth extensions or	nickel exploration until a recent shift of focus on to gold.
	large-scale step-out drilling).	Over 25,000m of historical core has also been reprocessed in the
	<i>J</i> ,	Company's Historical Core Program (HCP).
		All Company work programs are continuously assessed against, and in
		comparison to, ongoing high priority programs elsewhere at the
		KGNP.
		Where activity or drilling relates to early-stage exploration, it is an
		iterative process with assay, geological, geochemical, geophysical and
		litho-structural observations and results all contributing to a
		continuous assessment of the merits of any particular target, and how,
		or whether, to continue to pursue further data and further definition,
		potentially by continuing to drill.
		Where drilling relates to an MRE, subject to further drilling results and
		success, the outcome of future metallurgical and geotechnical
		assessment, that MRE may be upgraded, in whole or in part.
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		• Thereafter, subject to positive ongoing results and external market and



Criteria	JORC Code explanation	Commentary
		future declaration of a Probable Ore Reserve from those portions of the MRE at the Indicated (or higher) classification. • Any such Ore Reserves then in turn may form the basis of technical and economic studies to investigate the potential to exploit those gold or nickel deposits in the future.