

27<sup>th</sup> November 2024

# HIGH GRADE GOLD ASSAYS EXTEND THYLACINE

- Latest batch of assay results from rockchips at the Thylacine Prospect return more high-grade gold, including:
  - 24JW113: 42.2g/t Au
  - 24DR644: 19.0g/t Au
  - 24DR639: 17.2g/t Au
  - 24DR808: 16.6g/t Au
  - 24DR643: 15.3g/t Au
  - 24DR645: 14.1g/t Au
- Initial samples from mineralised quartz veins to the northwest and east of Thylacine extend the prospect area to over 400m x 100m. A total of 15 mineralised veins have been mapped and sampled.
- Follow-up sampling at Tyson's Prospect returns high grade gold in samples of quartz veining, including:
  - 24DR787: 43.6 g/t Au
  - 24JW062: 9.3 g/t Au
- Heritage Survey currently scheduled for Q1 2025 with priority RC drilling to focus on the Thylacine and Siberian Tiger prospects.

Metal Hawk Limited (ASX: MHK, "Metal Hawk" or the "Company") is pleased to provide an exploration update for its 100% owned Leinster South project, located 30km south of Leinster, in the world-class Agnew-Lawlers region, Western Australian. Following the discovery of gold at Siberian Tiger less than four months ago ([see ASX announcement 5 August 2024](#)), Metal Hawk's field activities at Leinster South continue to identify more areas of significant outcropping high-grade gold mineralisation.

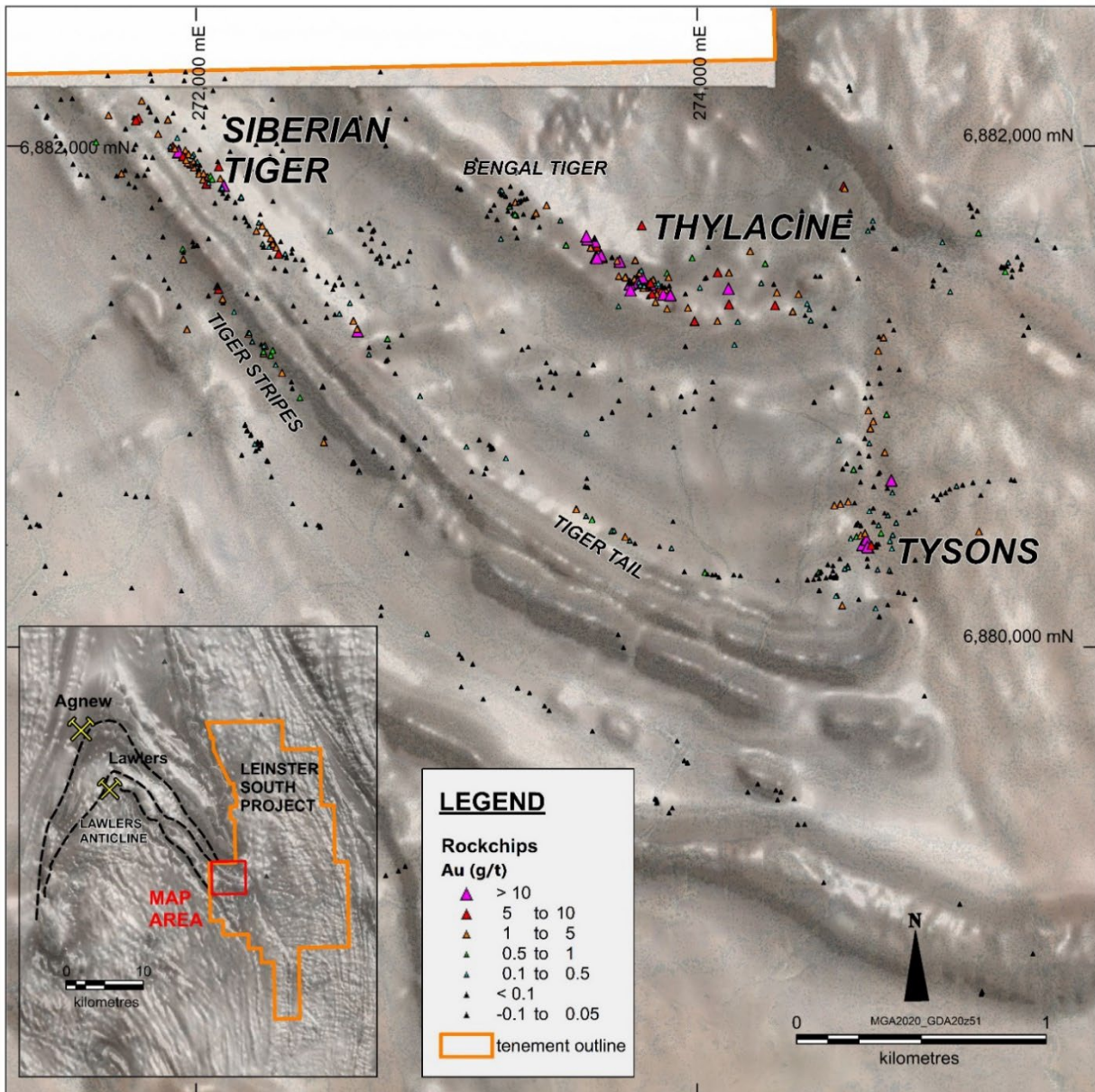
The second batch of rockchip results returned from the Thylacine Prospect have significantly expanded the mineralised footprint at the prospect, with several high-grade gold assays recorded from the recently sampled quartz veins.

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**Metal Hawk's Managing Director Will Belbin commented:** "The new gold assay results from Thylacine are exceptional. This prospect is shaping up to be a very compelling drill target, with multiple stacked gold-bearing quartz veins covering a significant area."

"Along with Siberian Tiger, we have two of the most exciting untested high grade gold prospects in Western Australia and we are looking forward to an extensive maiden drilling program at Leinster South early next year."



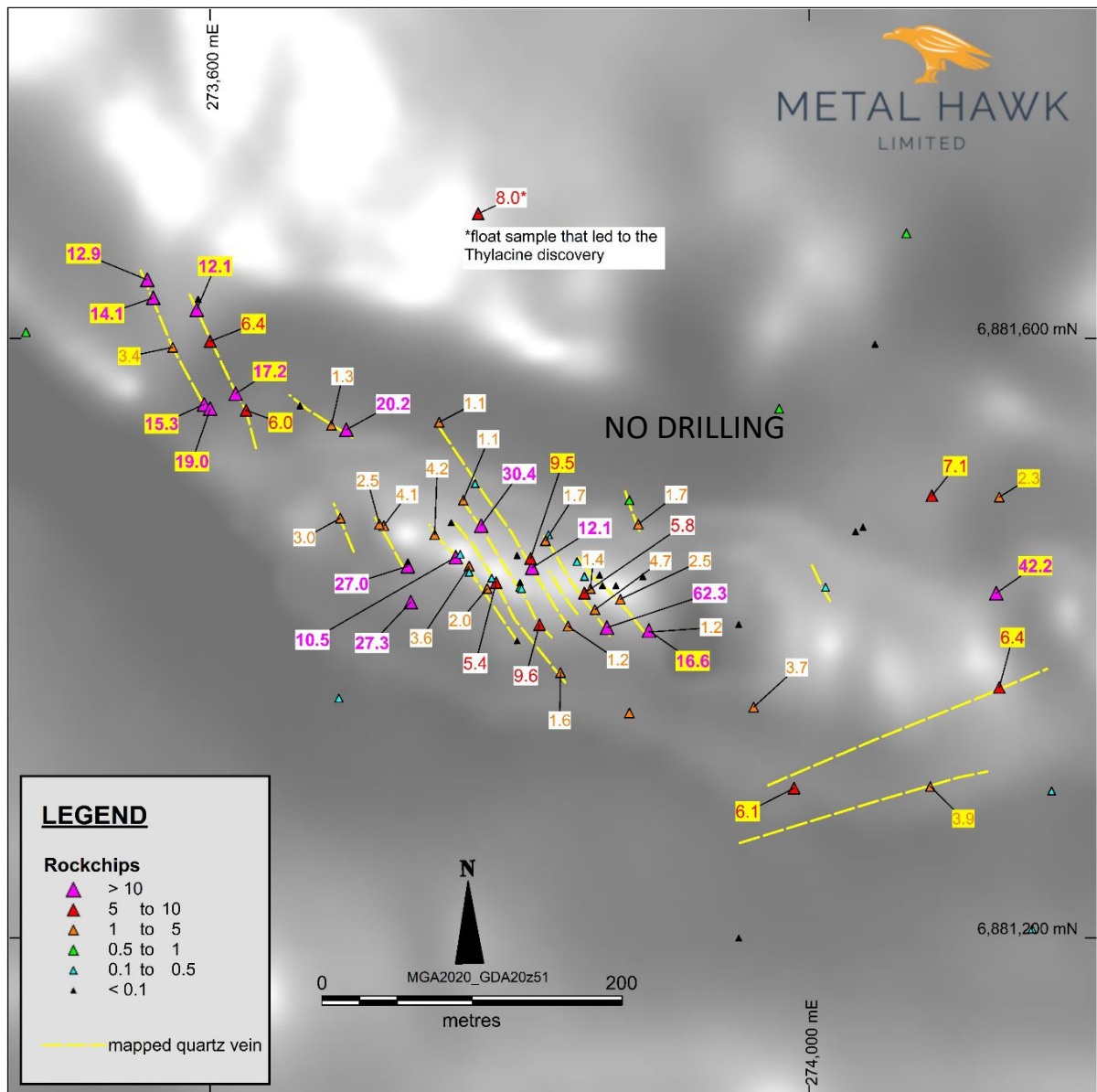
**Figure 1.** Leinster South project; main prospects, rock chip results, magnetics (TMI)

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## THYLACINE

The Thylacine Prospect is located approximately 1.5km ESE of Siberian Tiger on the parallel northern ESE-trending greenstone belt. Rockchip samples from Thylacine have returned several high-grade gold assays (up to **62.3g/t Au**) in multiple mostly sub-parallel NW-trending quartz veins. The gold mineralisation at Thylacine is very similar to Siberian Tiger, with abundant iron oxides forming bands and local zones of brecciation. Mapping and sampling at Thylacine have identified at least 15 closely spaced and stacked steeply dipping mineralised quartz veins.

The latest round of results includes high grade gold assays from the two northwestern-most veins at Thylacine, returning an average grade of 10.6g/t Au from the 10 samples taken (Figure 2). The distribution of high-grade rockchip assays and quartz veins extends the prospect to a footprint of 400m x 100m.



**Figure 2.** Thylacine Prospect – rockchip results over magnetics. New results highlighted yellow.

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**Figure 3.** Thylacine oxide-rich rockchip sample 24DR644 from NW quartz vein grading **19.0 g/t Au**

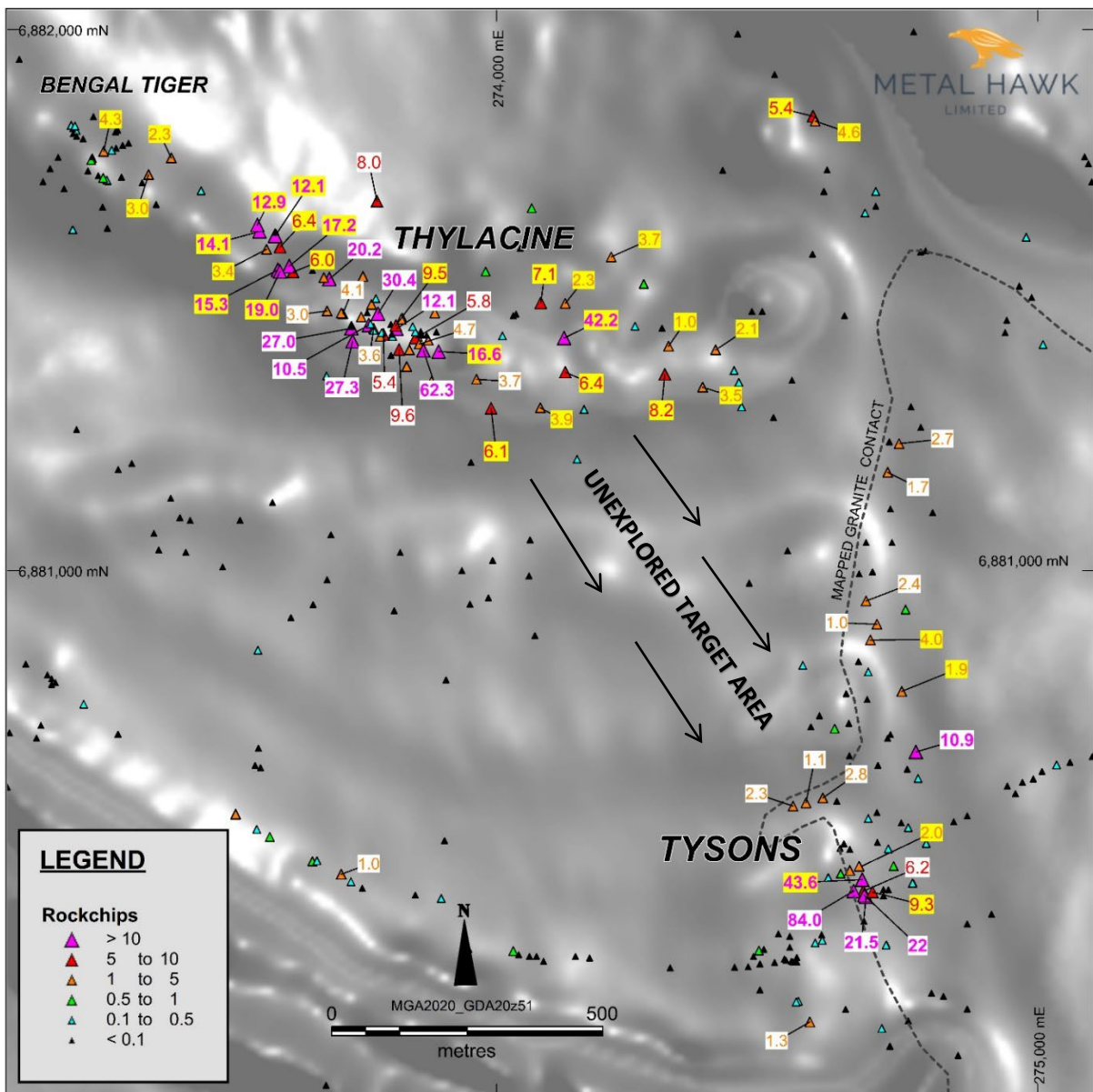


**Figure 4.** Thylacine prospect quartz vein outcrop, looking SE (parallel to the typical 150° strike of veins)

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Two additional extensive ENE (070°) striking, 0.5m to 2m wide quartz veins, both approximately 200m long, have been sampled south-east of the prospect. Although these veins contain only minor iron oxide (estimated below 2%), results from three initial representative samples have returned an average grade of >5g/t Au. The vicinity of these discordant quartz veins, and further to the south-east along a predicted strike extension, is largely unexplored at present (Figure 5). Metal Hawk’s high-resolution (10cm pixel) photogrammetry indicates likely scattered discontinuous quartz veins in this zone. In addition, samples of fresh un-veined gabbro and dolerite contain much higher-than-normal baseline gold concentrations (up to 192ppb). Reconnaissance soil geochemistry is also anomalous with up to 54ppb Au. This zone will be an immediate focus for Metal Hawk.

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**Figure 5.** Tyson’s, Thylacine and Bengal Tiger prospects showing rock chip results over magnetics. New results labelled yellow.

## TYSON'S

The Tyson's Prospect is located along strike and approximately 3km south-east from Siberian Tiger, at the eastern tip of the greenstone belt (the Lawlers Anticline; see Figure 1). New results from sampling at Tyson's include additional gold results of up to **43.6g/t Au**. Mapping and rockchip samples have also identified gold mineralisation in quartz veining 1.5km further north (immediately east of Thylacine). The Company is conducting extensive soil sampling at the prospect which will assist with plans for initial RC drilling.

## BENGAL TIGER

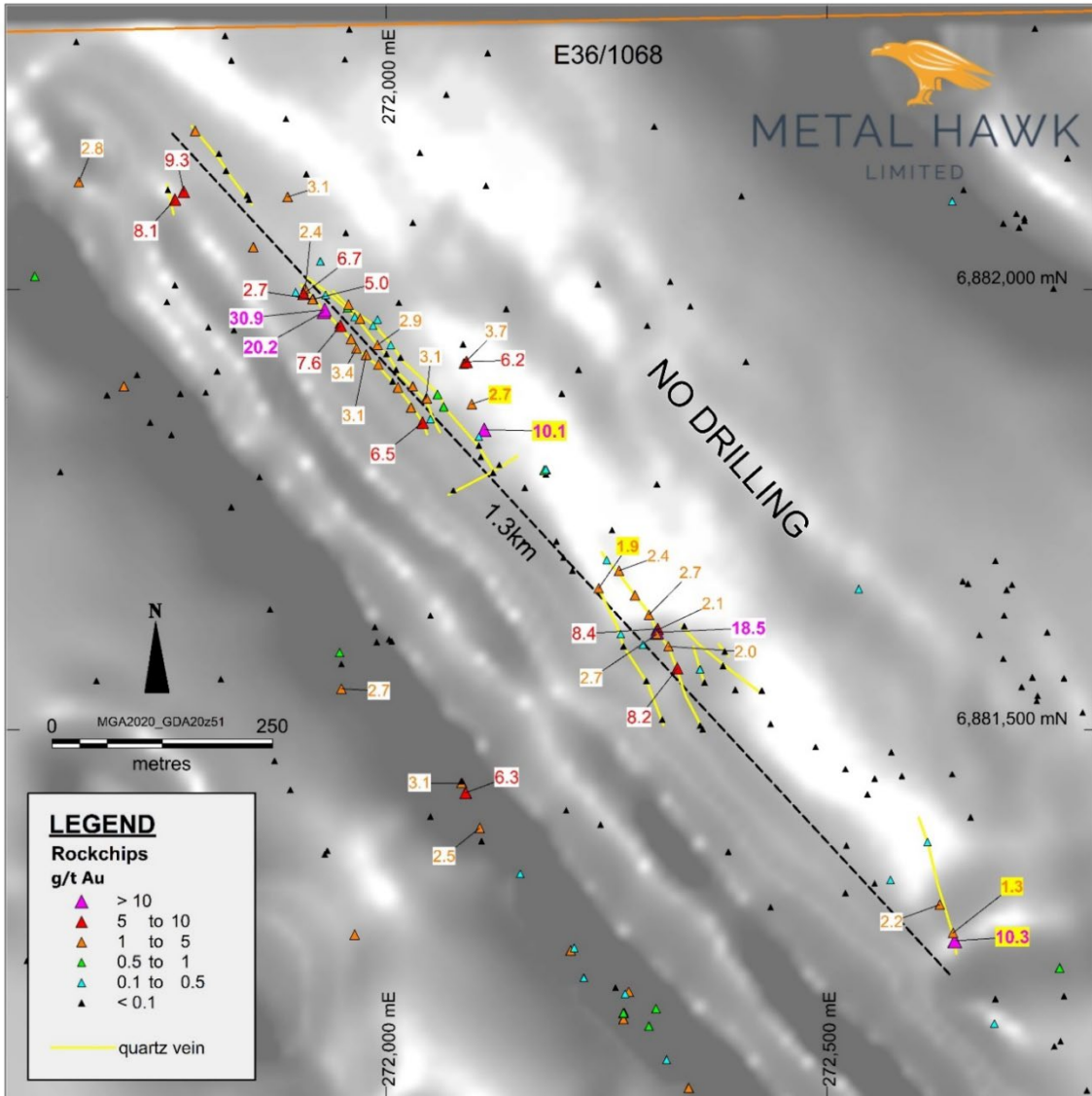
The Bengal Tiger Prospect is located immediately to the west of Thylacine along the WNW trending mafic unit (Figure 5). Assays returned from initial rockchip sampling at the prospect have returned significant gold assays of up to **4.3g/t Au**. The vein system at Bengal Tiger is poorly exposed and soil sampling will be carried out at the prospect in order to define targets for drilling.

## SIBERIAN TIGER

The main mineralised gold trend at Siberian Tiger extends for more than 800m. Rockchip sampling and mapping has continued to identify new and additional extensions to high grade gold at the southern end of the prospect, a further 500m along strike (Figure 7). Plans for extensive RC drilling at Siberian Tiger include up to 15 traverses to be cleared in the upcoming heritage survey scheduled for early 2025.



Figure 6. Quartz vein sample from Tyson's 24DR787 grading **43.6g/t Au**



**Figure 7.** Siberian Tiger; new significant rock chip results (>1 g/t Au) highlighted yellow. Previous significant results labelled (> 2.0 g/t Au).

## FORWARD PLAN

Metal Hawk signed a Heritage Agreement with the Watarra Aboriginal Corporation in October 2024 and has scheduled a heritage survey for early 2025. Following completion of the survey, the Company is planning an extensive maiden RC drill program at Leinster South. Drilling will be focused on the Thylacine and Siberian Tiger prospects.

Results from soil sampling across the Thylacine and Tyson’s prospects are expected shortly and will be used by the Company to assist with drillhole planning. Further mapping and sampling are underway along a predicted SE strike extension of Thylacine, which to date has not been explored (Figure 5).

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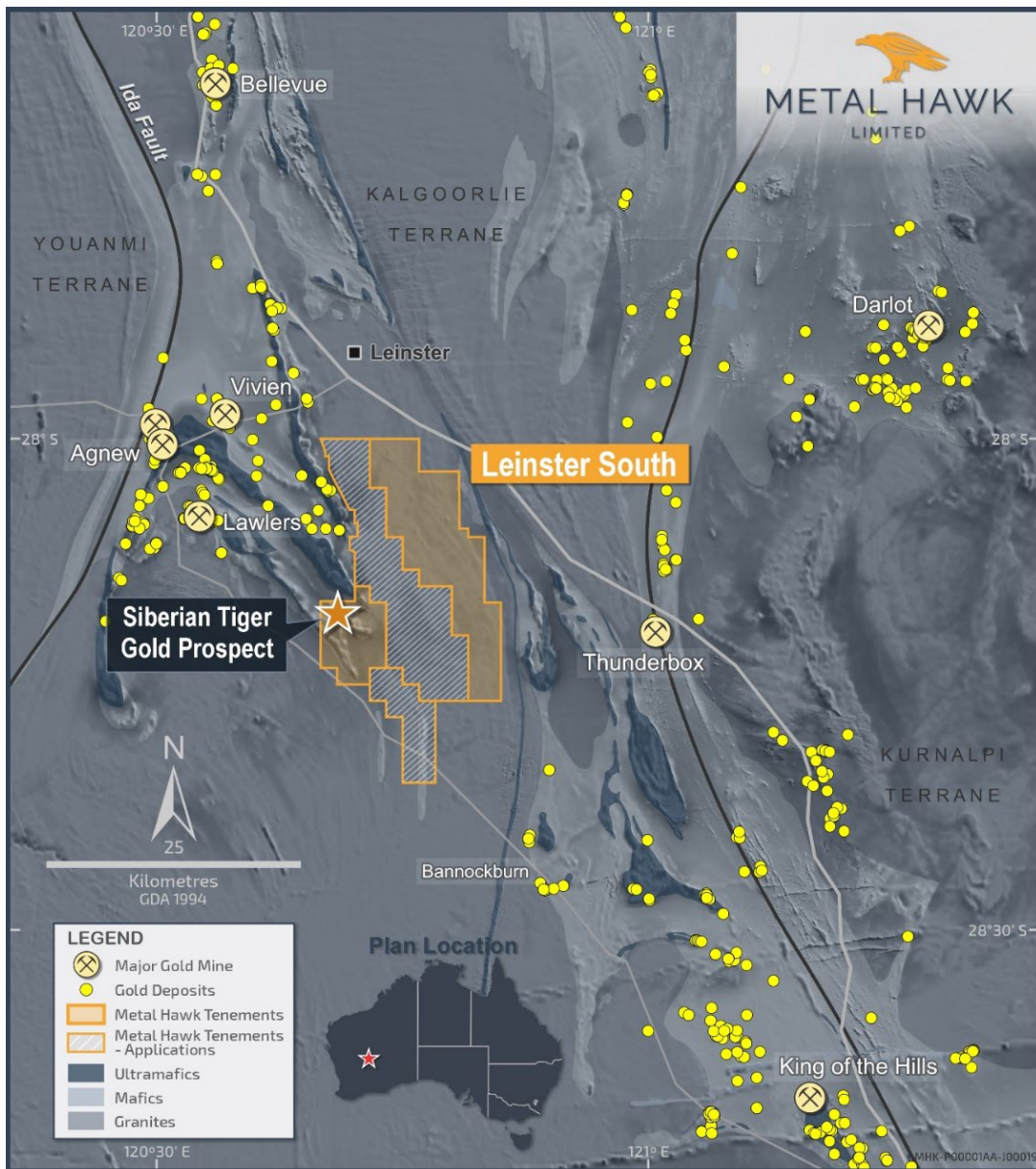


Figure 8. Leinster South Project

This announcement has been authorised for release by Mr Will Belbin, Managing Director, on behalf of the Board of Metal Hawk Limited.

For further information regarding Metal Hawk Limited please visit our website at [www.metalhawk.au](http://www.metalhawk.au) or contact:

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### Competent Person statement

The information in this announcement that relates to Exploration Targets and Exploration Results is based on information compiled and reviewed by Mr William Belbin, a “Competent Person” who is a Member of the Australian Institute Geoscientists (AIG) and is Managing Director at Metal Hawk Limited. Mr Belbin is a full-time employee of the Company and hold shares and options in the Company. Mr Belbin has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Belbin consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

### Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Metal Hawk Limited’s planned exploration program(s) and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward looking statements.

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**Table 1: ROCK CHIP SAMPLE RESULTS**

SAMPLE ID	PROSPECT	EAST	NORTH	RL	Au (g/t)
24DR575	Regional	274943	6881463	507	NSR
24DR576	Regional	274989	6881505	508	NSR
24DR577	Regional	274966	6881526	508	NSR
24DR578	Regional	275214	6881518	501	NSR
24DR579	Regional	275216	6881516	501	NSR
24DR580	Regional	275217	6881513	501	NSR
24DR581	Regional	275224	6881515	501	NSR
24DR582	Regional	275230	6881498	501	0.91
24DR583	Regional	274680	6880322	493	NSR
24DR585	Tysons	274566	6880825	493	0.13
24DR586	Regional	274065	6881670	514	0.85
24DR587	Regional	274044	6881596	514	NSR
24DR588	LN033	273326	6881198	513	NSR
24DR589	Regional	275258	6881504	501	NSR
24DR590	Regional	275241	6881534	501	0.15
24DR591	Regional	275296	6881527	501	NSR
24DR592	Regional	275291	6881508	501	NSR
24DR593	Regional	275123	6881652	500	0.87
24DR594	Regional	274446	6881992	513	NSR
24DR595	Regional	274585	6881840	509	5.40
24DR596	Regional	274611	6881741	505	0.02
24DR597	Regional	274701	6881701	504	0.26
24DR598	Regional	274681	6881661	503	0.11
24DR599	Regional	274793	6881591	504	0.03
24DR600	Regional	274784	6881589	504	NSR
24DR638	Thylacine	273624	6881552	531	6.01
24DR639	Thylacine	273617	6881563	531	17.21
24DR640	Thylacine	273600	6881598	529	6.40
24DR641	Thylacine	273591	6881619	529	12.15
24DR642	Thylacine	273575	6881594	528	3.36
24DR643	Thylacine	273596	6881556	531	15.29
24DR644	Thylacine	273600	6881553	531	18.98
24DR645	Thylacine	273562	6881627	527	14.05
24DR646	Thylacine	273558	6881639	525	12.87
24DR647	LN033	273217	6881630	512	0.11
24DR648	LN033	272953	6881438	511	0.03
24DR649	LN033	272964	6881371	515	NSR
24DR650	LN033	273398	6881134	513	0.06
24DR651	LN033	273953	6881200	520	NSR
24DR653	LN033	273990	6881300	521	6.10
24DR654	Thylacine	274011	6881434	529	0.38
24DR655	LN033	274127	6881367	523	6.37
24DR656	LN033	274081	6881301	528	3.93
24DR657	LN033	274149	6881206	526	0.16
24DR658	LN033	274162	6881298	522	0.19
24DR659	LN033	274062	6881057	510	0.02
24DR660	LN033	273687	6880983	505	NSR
24DR661	LN033	273661	6880937	507	NSR
24DR662	LN033	273620	6880913	507	NSR
24DR663	LN033	273559	6880853	506	0.15
24DR664	LN033	273494	6881007	511	NSR

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24DR665	LN033	273526	6881093	506	NSR
24DR666	LN033	273694	6881066	503	0.02
24DR667	LN033	273811	6880926	500	NSR
24DR668	LN033	273907	6880798	495	NSR
24DR669	LN033	273951	6880938	499	NSR
24DR670	LN033	273985	6880950	502	NSR
24DR671	LN033	274060	6880990	504	NSR
24DR672	LN033	273993	6881019	503	NSR
24DR673	LN033	273936	6881000	502	NSR
24DR674	LN033	273822	6881034	502	NSR
24DR675	LN033	273586	6881126	505	0.05
24DR676	LN033	273434	6881093	513	NSR
24DR677	LN033	273415	6881098	513	NSR
24DR679	LN033	273426	6881034	516	NSR
24DR680	LN033	273376	6881038	518	NSR
24DR681	LN033	273367	6881069	517	NSR
24DR682	LN033	273224	6881261	519	NSR
24DR683	LN033	274071	6880880	500	NSR
24DR686	LN003	275137	6878625	494	NSR
24DR687	LN003	275135	6878620	494	NSR
24DR757	Siberian Tiger	272111	6881841	503	10.13
24DR758	Siberian Tiger	272105	6881833	503	0.30
24DR759	Siberian Tiger	272097	6881870	503	2.67
24DR760	Siberian Tiger	272156	6881714	501	0.04
24DR761	Siberian Tiger	272157	6881775	501	0.03
24DR762	Siberian Tiger	272241	6881661	498	1.92
24DR763	Siberian Tiger	272269	6881595	499	NSR
24DR764	Siberian Tiger	272313	6881512	506	NSR
24DR765	Siberian Tiger	272295	6881556	504	NSR
24DR766	Siberian Tiger	272291	6881597	504	0.49
24DR767	Siberian Tiger	272193	6881714	498	NSR
24DR769	LN019	272388	6881362	499	NSR
24DR770	LN019	272436	6881299	509	NSR
24DR771	Tiger Tail	272769	6881198	507	NSR
24DR772	Tiger Tail	272764	6881230	506	0.69
24DR773	Tiger Tail	272521	6881315	504	NSR
24DR774	Tiger Tail	272554	6881326	503	NSR
24DR775	Tiger Tail	272572	6881330	501	0.15
24DR776	Tiger Tail	272645	6881261	505	10.35
24DR777	Tiger Tail	272643	6881270	505	1.32
24DR778	Tiger Tail	272614	6881373	499	0.29
24DR779	Tiger Tail	272522	6881369	502	NSR
24DR780	Tiger Tail	272765	6881147	507	0.02
24DR781	Tiger Tail	272758	6881141	507	NSR
24DR782	Tiger Tail	272690	6881167	507	0.17
24DR783	Tiger Tail	272554	6881445	501	NSR
24DR784	Tiger Tail	272546	6881427	500	NSR
24DR785	Tiger Tail	272521	6881456	500	NSR
24DR786	Tiger Tail	272642	6881450	502	NSR
24DR787	Tyson's	274676	6880429	496	43.56
24DR788	Tyson's	274670	6880454	497	2.04
24DR789	Tyson's	274761	6880525	497	0.15
24DR790	Tyson's	274734	6880454	497	0.66
24DR791	Tyson's	274687	6880542	494	0.18

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24DR792	Tysons	274703	6880553	496	NSR
24DR793	Tysons	274759	6880633	495	NSR
24DR794	Tysons	274779	6880616	494	0.39
24DR795	Tysons	274652	6880658	495	NSR
24DR796	Tysons	274705	6880640	494	0.02
24DR797	Tysons	274669	6880832	494	NSR
24DR798	Tysons	274687	6880813	494	0.15
24DR799	Tysons	274749	6880777	498	1.87
24DR800	Thylacine East	274439	6881370	521	0.20
24DR801	Thylacine East	274405	6881408	527	2.12
24DR802	Thylacine East	274381	6881339	523	3.45
24DR803	Thylacine East	274431	6881323	520	0.05
24DR804	Thylacine East	274453	6881303	520	0.27
24DR805	Thylacine East	274318	6881415	521	1.02
24DR806	Thylacine East	274256	6881452	519	0.42
24DR807	Thylacine East	274512	6881283	517	0.08
24DR808	Thylacine	273893	6881405	531	16.57
24DR810	Thylacine	273871	6881435	531	NSR
24DR811	Thylacine	273845	6881451	533	0.14
24DR812	Thylacine	273814	6881453	533	9.46
24DR813	Tiger Flank	271958	6882295	516	NSR
24DR814	Tiger Flank	271953	6882261	516	0.04
24DR815	Bengal Tiger	273201	6881706	514	NSR
24DR816	Bengal Tiger	273225	6881812	534	NSR
24DR817	Bengal Tiger	273223	6881814	534	0.11
24DR818	Bengal Tiger	273218	6881808	534	0.02
24DR819	Bengal Tiger	273217	6881817	534	NSR
24DR820	Bengal Tiger	273236	6881798	532	NSR
24DR821	Bengal Tiger	273274	6881775	526	4.32
24DR822	Bengal Tiger	273255	6881760	530	0.03
24DR823	Bengal Tiger	273251	6881759	530	0.59
24DR824	Bengal Tiger	273289	6881777	530	0.40
24DR825	Bengal Tiger	273297	6881781	526	NSR
24DR826	Bengal Tiger	273309	6881786	526	NSR
24DR828	Bengal Tiger	273371	6881677	520	0.06
24DR829	Bengal Tiger	273357	6881732	523	3.00
24DR830	Bengal Tiger	273345	6881717	522	NSR
24DR831	Bengal Tiger	273307	6881727	522	0.04
24DR832	Bengal Tiger	273282	6881719	522	0.08
24DR833	Bengal Tiger	273280	6881722	522	0.15
24DR834	Bengal Tiger	273272	6881672	515	0.05
24DR835	Bengal Tiger	273162	6881719	515	NSR
24DR836	Bengal Tiger	273175	6881743	515	NSR
24DR837	Bengal Tiger	273190	6881764	522	NSR
24DR838	Bengal Tiger	273245	6881739	524	NSR
24DR839	Bengal Tiger	273264	6881730	524	0.03
24DR840	Tiger Stripe	271671	6881556	504	NSR
24DR842	Bengal Tiger	273273	6881726	522	0.62
24DR843	Bengal Tiger	273221	6881822	534	0.12
24DR844	Bengal Tiger	273218	6881808	534	NSR
24DR845	Bengal Tiger	273224	6881803	532	NSR
24DR846	Bengal Tiger	273253	6881765	530	0.07
24DR847	Bengal Tiger	273282	6881894	534	NSR
24DR848	Bengal Tiger	273281	6881633	513	NSR

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24DR849	LN036	273057	6881827	514	NSR
24DR850	LN036	273044	6881833	514	NSR
24DR851	Regional	272845	6881540	508	NSR
24DR852	Regional	272854	6881579	505	NSR
24DR853	Regional	272809	6881532	508	0.02
24DR854	Regional	272790	6881520	509	NSR
24DR855	Regional	272769	6881559	511	NSR
24DR856	Regional	272738	6881533	512	NSR
24DR857	Regional	272739	6881539	512	NSR
24DR858	Regional	272733	6881560	512	NSR
24DR859	Regional	272721	6881549	512	NSR
24DR860	Regional	272750	6881611	507	NSR
24DR861	Regional	272701	6881630	507	NSR
24DR862	Regional	272704	6881659	504	NSR
24DR863	Regional	272673	6881608	505	NSR
24DR864	Regional	272700	6881581	509	NSR
24DR865	Regional	272281	6879085	473	NSR
24DR866	Thylacine East	274472	6881479	519	0.02
24DR867	Thylacine East	274272	6881530	513	0.69
24DR868	Thylacine East	274212	6881580	514	3.69
24DR869	Thylacine East	274127	6881494	522	2.31
24DR874	Bengal Tiger	273296	6881811	527	0.03
24DR875	Bengal Tiger	273300	6881814	527	0.09
24JW062	Tysons	274695	6880406	494	9.31
24JW063	Tysons	274715	6880410	494	0.04
24JW064	Tysons	274724	6880410	494	0.05
24JW065	Tysons	274769	6880422	496	0.12
24JW066	Tysons	274771	6880423	496	0.09
24JW067	Tysons	274769	6880423	496	0.11
24JW068	Tysons	274777	6880393	494	0.16
24JW069	Tysons	274635	6880487	495	NSR
24JW070	Tysons	274642	6880495	495	NSR
24JW071	Tysons	274704	6880498	496	NSR
24JW072	Tysons	274915	6880365	495	0.03
24JW073	Tysons	274804	6880219	497	NSR
24JW074	Tysons	275060	6880646	501	NSR
24JW075	Tysons	274959	6880588	500	NSR
24JW076	Tysons	274992	6880615	500	NSR
24JW077	Tysons	275008	6880629	500	NSR
24JW078	Tysons	275132	6880605	498	NSR
24JW079	Tysons	275267	6880664	503	NSR
24JW080	Tysons	274629	6880574	492	0.03
24JW081	Tysons	274625	6880708	495	0.65
24JW082	Tysons	274597	6880732	493	NSR
24JW083	Tysons	274581	6880711	493	NSR
24JW084	Tysons	274691	6880872	495	4.01
24JW085	Tysons	274651	6880718	496	NSR
24JW086	Tysons	274683	6881052	497	0.05
24JW087	Tysons	274731	6881052	497	NSR
24JW088	Tysons	274806	6881107	497	NSR
24JW089	Tysons	274670	6880994	496	0.05
24JW090	Tysons	274538	6881037	499	NSR
24JW091	Tysons	274467	6880977	498	NSR
24JW092	Tysons	274766	6881303	503	0.04

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24JW093	Regional	274643	6881471	507	0.02
24JW094	Regional	275010	6881418	506	0.46
24JW095	Regional	274979	6881616	502	0.26
24JW096	Regional	275236	6881519	501	NSR
24JW097	Regional	275278	6881557	500	0.02
24JW098	Regional	275256	6881478	501	NSR
24JW099	Regional	274082	6881495	524	7.14
24JW100	Regional	274031	6881471	526	NSR
24JW101	Regional	274036	6881474	526	0.02
24JW102	LN033	273301	6881187	514	NSR
24JW103	Regional	275118	6881741	502	NSR
24JW104	Regional	274514	6881917	513	NSR
24JW105	Regional	274589	6881831	509	4.62
24JW106	Regional	274605	6881701	504	NSR
24JW107	Regional	274701	6881674	503	0.02
24JW108	Tysons	274727	6880121	498	NSR
24JW109	Tysons	274853	6880104	497	NSR
24JW110	Tysons	274712	6880154	496	0.10
24JW111	Tysons	274679	6880352	493	NSR
24JW112	Tysons	275125	6880461	499	2.78
24JW113	Regional	274125	6881430	522	42.25
24JW115	LN032	271806	6880599	481	NSR
24JW116	LN032	271758	6880600	484	NSR
24JW117	LN032	271721	6880611	486	NSR
24JW118	Thylacine East	274546	6881352	515	NSR
24JW119	Thylacine East	274448	6881348	521	0.19
24JW120	Thylacine East	274311	6881363	521	8.22
24JW121	Thylacine East	274306	6881448	520	0.04
24JW122	Thylacine East	274491	6881479	514	0.05
24JW123	Thylacine	273477	6881604	523	0.61
24JW124	Bengal Tiger	273399	6881763	522	2.26

Notes to Table 1:

- Grid coordinates GDA2020: zone51, locations determined by handheld GPS.
- Au reported is average where repeat assay available.
- NSR = no significant result (< 0.02 g/t Au)

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## 2012 JORC Table 1

### SECTION 1: SAMPLING TECHNIQUES & DATA (SURFACE GEOCHEMISTRY)

	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<p><i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i></p>	<ul style="list-style-type: none"> <li>• Surface rockchip sampling at Leinster South was undertaken as part of reconnaissance mapping and prospecting of gold targets and follow up from recent reconnaissance work carried out in June-September 2024 which identified gold mineralisation in quartz veining. Additional targets were identified from satellite imagery, interpretation of GSWA geological maps and from historic soil geochemical anomalies.</li> <li>• Sampling was undertaken using standard industry practices.</li> <li>• The rockchip sampling program was reconnaissance in nature, rockchips were taken at the discretion of a geologist according to visual inspection of suitably mineralised and/or unmineralised rock units. The geologist has attempted to collect a representative sample of the material presented, so there is no hand picking of specific pieces of broken rock or minerals.</li> <li>• Rockchip sampling consisted of outcropping/ subcropping quartz veins and/or ferruginous mafic saprock lithologies. Samples weighed between 1 to 3kg. A total of 245 priority samples were collected in this campaign.</li> <li>• Sample coordinates are in UTM grid (GDA2020 z51) and have been measured with a hand-held GPS with an accuracy of +/- 4m.</li> <li>• All MHK rockchip samples were submitted for gold and multi-element analysis at Intertek Laboratories Perth, WA using 4 acid digest with ICPMS finish, plus fire assay for gold.</li> </ul>
<b>Drilling techniques</b>	<p><i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</i></p>	<ul style="list-style-type: none"> <li>• Not applicable.</li> </ul>
<b>Drill sample recovery</b>	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p>	<ul style="list-style-type: none"> <li>• Not applicable.</li> </ul>

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<p><b>Logging</b></p>	<p><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<ul style="list-style-type: none"> <li>Logging of rock chips colour and lithology was carried out on a routine basis. Data is in a digital form. A photograph has been collected for each rockchip sample.</li> </ul>
<p><b>Sub-sampling techniques and sample preparation</b></p>	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>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.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p>	<ul style="list-style-type: none"> <li>Rockchip samples are split using a small rock hammer.</li> <li>In some cases where rock had weathered to gravelly material, multiple pieces of representative rock were required to create a composite sample. No selective hand picking of minerals took place.</li> <li>Rockchip samples weighed approximately 1-3 kg, which is sufficient for the grain size of the material being analysed and the reconnaissance stage of exploration being carried out. No selective hand picking took place.</li> <li>In some cases, multiple pieces of representative rock were required to create a composite sample. This approach is used in regional programs to establish the fertility of a range of veins at one locality. This is especially important given the size of the area and number of veins systems being covered in this program. The objective of the follow-up sampling is to collect individual veins wherever possible at any given locality.</li> <li>Rockchip samples were delivered to Intertek Genalysis prep lab in Kalgoorlie. Sample preparation by dry pulverization to 90% passing 80 microns.</li> <li>Standards were used for this program at an insertion rate of 1:20. The laboratory also inserted standards at regular intervals.</li> <li>Following gold results reported from reconnaissance sampling in June-July 2024, additional duplicate/replicate samples were collected at four (4) sites of gold mineralisation. The results show good repeatability (see MHK asx announcement dated 18 September 2024).</li> <li>Once samples arrived in Kalgoorlie, further work including routine laboratory duplicates and QC was undertaken at the laboratory.</li> <li>At the laboratory where the entire sample was dried, crushed, then pulverised to 85% passing 75 microns or better using a LM2 or LM5 mill.</li> </ul>
<p><b>Quality of assay data and laboratory tests</b></p>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis</i></p>	<ul style="list-style-type: none"> <li>Rockchip geochemical analysis was undertaken by Intertek Genalysis in Perth, using routine multi-element analysis by 4-acid digest and ICP-OES/MS.</li> <li>This near-full digest is considered sufficient for this stage of exploration and the weathered nature of the samples.</li> </ul>

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	<p><i>including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <p><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></p>	<ul style="list-style-type: none"> <li>Gold analysis was undertaken with 50-gram Fire Assay with OES finish. The detection limit for gold via this method is 5ppb (0.005ppm).</li> <li>No geophysical assay tools were used.</li> <li>Laboratory QA/QC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of the in-house procedures. QC results (blanks, duplicates, standards) were in line with commercial procedures, reproducibility and accuracy.</li> </ul>
<b>Verification of sampling and assaying</b>	<p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	<ul style="list-style-type: none"> <li>Data storage as PDF/XL files on company PC in Perth office, which is then up-loaded to the Company's access database.</li> <li>Data is validated at several stages to ensure consistency.</li> <li>No data was adjusted.</li> </ul>
<b>Location of data points</b>	<p><i>Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>	<ul style="list-style-type: none"> <li>All rock chip and soil samples were surveyed using a handheld Garmin GPS, accurate to within 3-5 m.</li> <li>Rockchip locations are shown as per Table 1.</li> <li>Grid MGA2020 Zone 51.</li> <li>Topography is moderately uneven and GPS has poor vertical controls, so the elevation of samples is derived from a digital terrain model.</li> </ul>
<b>Data spacing and distribution</b>	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	<ul style="list-style-type: none"> <li>Rockchips were collected at variable sample spacings at the discretion of the geologist to adequately sample the area of interest.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p>	<ul style="list-style-type: none"> <li>Rockchip sampling was designed to establish the gold fertility of the various veins and textures presented at the site. This is reflected in the range of assays presented herein – barren quartz through to strongly mineralised quartz with abundant ex-sulphide.</li> </ul>
<b>Sample security</b>	<p><i>The measures taken to ensure sample security.</i></p>	<ul style="list-style-type: none"> <li>Samples were collected on site under supervision of the responsible geologist. Once collected samples were bagged and transported to Kalgoorlie for analysis. Dispatch and</li> </ul>



		consignment notes were delivered and checked for discrepancies.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	<ul style="list-style-type: none"> <li>No Audits have been commissioned.</li> </ul>

**SECTION 2: REPORTING OF EXPLORATION RESULTS**

<b>Criteria</b>	<b>JORC Code explanation</b>	<b>Commentary</b>
<b>Mineral tenement and land tenure status</b>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	<ul style="list-style-type: none"> <li>The work programs were conducted on the granted exploration licenses 36/1048, 36/1068.</li> <li>The tenements are registered to Metal Hawk Limited, who is 100% owner.</li> </ul>
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.</i>	<ul style="list-style-type: none"> <li>The project tenements are in good standing and no known impediments exist.</li> </ul>
<b>Exploration done by other parties</b>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<ul style="list-style-type: none"> <li>Previous exploration has been carried out in the area by a number of explorers. The majority of early documented historical work was carried out for nickel sulphide exploration, given the extension of magnetic highs from the northwest (Agnew Greenstone Belt).</li> <li>No historical drilling data has been recorded at the Siberian Tiger and Thylacine prospects.</li> <li>Between 1997 to 2001 the tenure was owned by WMC (Western Mining Corporation). Work undertaken included soil and rockchip sampling, but there is no record of any drilling.</li> <li>Heron Resources Ltd (Heron) held part of the ground from 2004 to 2009. In 2004, Heron completed an extensive wide-spaced (1000m x 100m) soil survey which covered the Siberian Tiger prospect. While they reported an anomaly of 87ppb Au along strike to the southeast of Siberian Tiger, the stronger anomaly that is the central to the prospect (482ppb Au) received no coverage.</li> <li>More recently the tenement area was owned by Jindalee Resources Ltd Limited (from 2018 to 2023). The ground was subject to a JV with Auroch Minerals Ltd. No reported fieldwork took place at the Siberian Tiger prospect or any of the other reported gold prospects identified by MHK.</li> </ul>
<b>Geology</b>	<i>Deposit type, geological setting and style of mineralisation.</i>	<ul style="list-style-type: none"> <li>The Leinster South Project lies at the southeastern tip of the Lawlers Anticline on the Agnew Greenstone Belt in central-west WA.</li> <li>The geological setting is of Archaean age with common host rocks related to komatiite-hosted nickel sulphide mineralisation as found throughout the Yilgarn Craton of Western Australia. The region is also made up of mafic and felsic volcanics and intrusions, siliciclastic metasediments of upper</li> </ul>

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		<p>greenschist to lower amphibolite facies and post-orogenic S-type muscovite-bearing granites.</p> <ul style="list-style-type: none"> <li>The main belt of exposed rocks in EL36/1068 is composed of interlayered dolerite, gabbro, metabasalt, ortho-amphibolite, pyroxenite, and schistose meta-mafic and meta-sedimentary rocks. There are strong domainal foliations at the interface between brittle and ductile lithologies, and locally the development of quartz veins systems parallel and en echelon to the fabric. Veins range from undeformed sheeted to complex breccia and boudinaged with host rock and iron oxides. Rarely are primary sulphides preserved, but pyrite, chalcopyrite and sphalerite have been recorded during the mapping and sampling program by Metal Hawk.</li> <li>The package has been intruded by several granites with differing affinities, ranging from leucogranite to granodiorite. Some bodies are highly foliated and locally migmatized, while others are equigranular and essentially undeformed.</li> <li>The Leinster South Project principally has potential for komatiite-associated nickel and structurally controlled intrusion-related gold.</li> <li>Significant gold deposits are currently in production at Agnew – Lawlers (15 to 25km to NW) and Thunderbox, 25km to the east of E36/1068.</li> <li>The closest gold deposit and former mine is Fairyland (148,000 oz pre-mining resource 1997), 10km to north. The Company does not know the historical production figures for Fairyland.</li> </ul>
<p><b>Drill hole Information</b></p>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> <li><i>easting and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li><i>dip and azimuth of the hole</i></li> <li><i>down hole length and interception depth</i></li> <li><i>hole length.</i></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
<p><b>Data aggregation methods</b></p>	<p><i>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.</i></p> <p><i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></p>	<ul style="list-style-type: none"> <li>Rockchips: Average of original and any repeat gold assays used.</li> <li>No top-cut applied.</li> <li>No metal equivalents have been used.</li> </ul>



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	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	
<b>Relationship between mineralisation widths and intercept lengths</b>	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i></p>	<ul style="list-style-type: none"> <li>As the geochemical results reported are from surface, any potential depths of mineralisation or orientations can only be inferred from geological observations on the surface and hence are speculative in nature.</li> </ul>
<b>Diagrams</b>	<i>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 drill hole collar locations and appropriate sectional views.</i>	<ul style="list-style-type: none"> <li>Refer to Figures in text.</li> </ul>
<b>Balanced reporting</b>	<i>Where comprehensive reporting of 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.</i>	<ul style="list-style-type: none"> <li>All Metal Hawk rock chip sample results are presented in Table 1 and as a thematic map in the report.</li> </ul>
<b>Other substantive exploration data</b>	<i>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.</i>	<ul style="list-style-type: none"> <li>Everything meaningful and material is disclosed in the body of the report.</li> </ul>
<b>Further work</b>	<p><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive</i></p>	<ul style="list-style-type: none"> <li>Metal Hawk is continuing follow-up soil sampling program over parts of E36/1068, encompassing the Siberian Tiger prospect and along strike to the southeast. Most is at a spacing of 200x50m, with 100mx25m infill over the immediate area of Siberian Tiger.</li> <li>The company is continuing follow-up rockchip sampling at several prospects and further reconnaissance rockchip and soil sampling across E36/1068.</li> </ul>