

15<sup>th</sup> October 2024

# MORE HIGH GRADE GOLD AT LEINSTER SOUTH

- **New high grade gold assays returned from rock chips at Leinster South**
- **Priority target trend extended along strike from Siberian Tiger**
- **22g/t Au rockchip sample at the new Tysons prospect, 3.5km southeast from the Siberian Tiger prospect**
- **New untested gold prospects emerging from ongoing exploration**
- **Aboriginal Heritage Agreement signed and clearance survey to be conducted as soon as possible**

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 Western Australian goldfields.

Recent rock chip sampling at Siberian Tiger identified high grade gold in quartz veining ([see ASX announcement 5 August 2024](#)). The Siberian Tiger gold discovery is located along the eastern limb of the Lawlers Anticline and only 15km from the Lawlers mining centre. Past production from the Agnew - Lawlers deposits is > 5 million oz @ 5gt Au<sup>1</sup>.

New rock chip results show that the gold trend at Siberian Tiger extends along the entire 3.8km strike length of greenstone to the new Tysons prospect near the granite contact to the southeast. Assay results from the September field campaign include a quartz vein sample grading 22g/t gold located at Tysons, just off the eastern tip of the greenstone belt (see Figure 1). Follow up mapping and further sampling has been carried out at the prospect.

**Metal Hawk’s Managing Director Will Belbin commented:** *“We are pleased to see more outstanding gold results from our field activities at Leinster South, which is shaping up as a potentially large mineralised system with multiple untested gold prospects. The fact that there has been so little exploration on this project is hard to fathom, considering we are located in one of the most mature and gold-endowed parts of the northeastern goldfields. Preparations*

<sup>1</sup> <https://www.goldfields.com>



for RC drilling at Siberian Tiger are underway and a drilling contractor will be appointed once a heritage clearance survey has been completed. We will also be planning to test several other exciting gold prospects at Leinster South in 2025.”

“I would like to thank the Watarra Aboriginal Corporation and the Darlot people for enabling the timely execution of the Leinster South heritage agreement. We look forward to working with the Traditional Owners and progressing our field activities.”

For personal use only

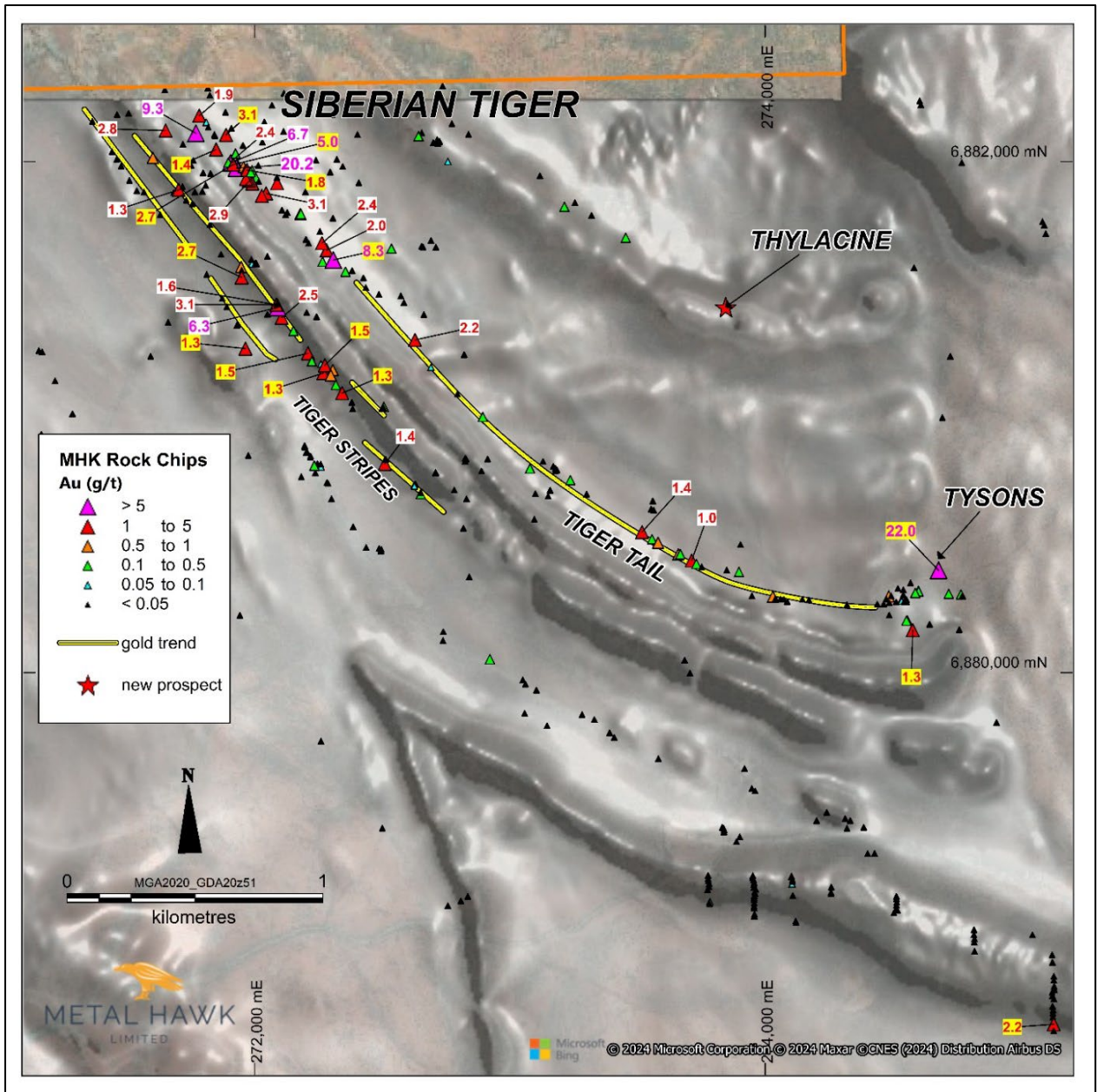


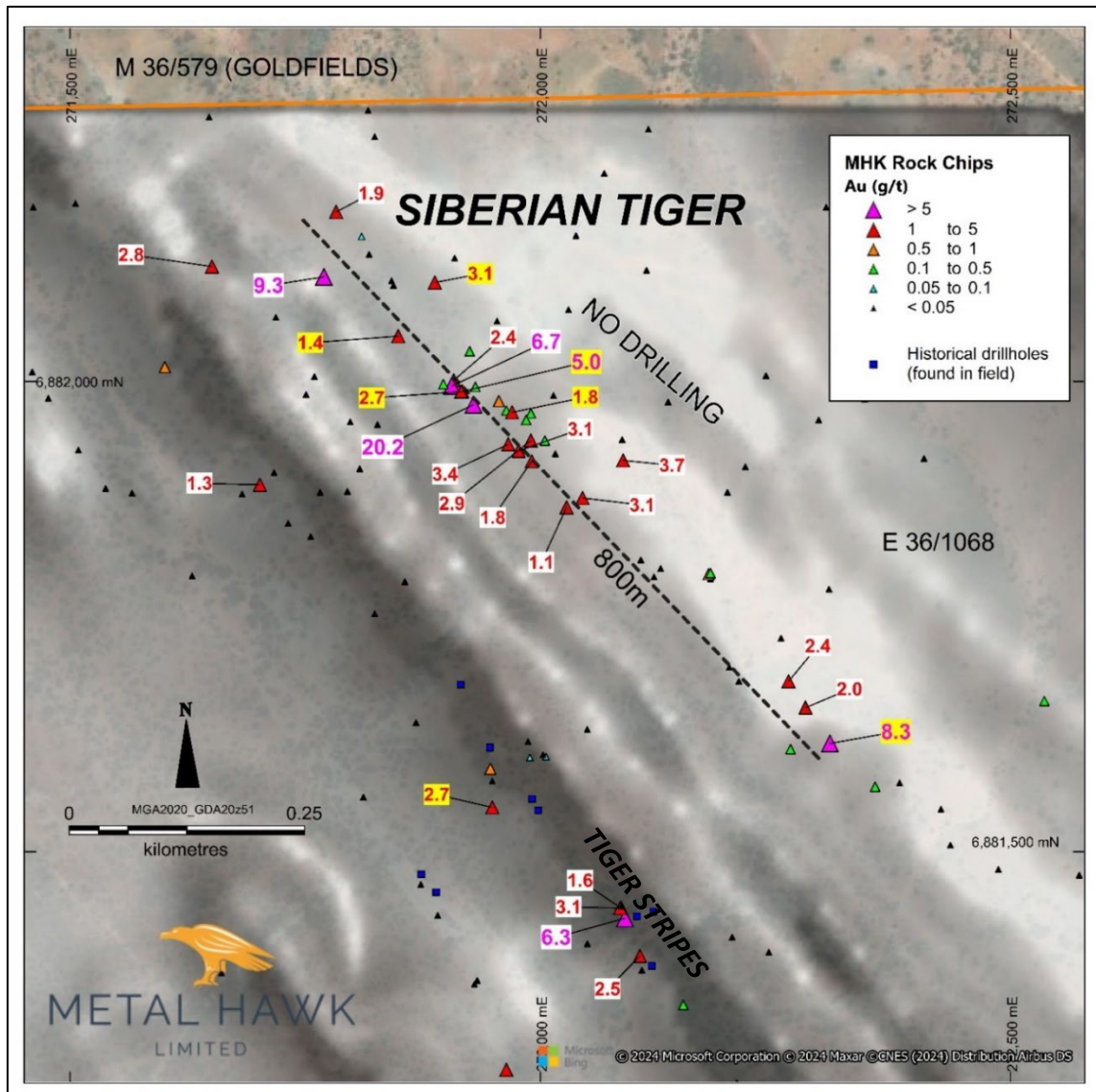
Figure 1. Leinster South rock chip samples, new results highlighted yellow

## SIBERIAN TIGER

Additional rock chip results from Siberian Tiger and Tiger Stripes (western gold trend) have expanded the mineralised footprints of both these gold prospects. High grade rockchips have extended the strike length of the main Siberian Tiger gold prospect to more than 800m. The geochemical results along with detailed magnetics, new LiDAR and high definition orthophotography, and structural mapping data will be used to help determine the optimum drillhole locations for Metal Hawk's upcoming maiden RC program at Leinster South.

No previous drilling has been carried out at the Siberian Tiger prospect.

There is evidence of some sparse historical drilling along the Tiger Stripes gold trend (Figure 2), although it is believed this drilling was targeting nickel sulphide mineralisation and the Company is not aware of any available open file drill data on the Geological Survey of WA (GSWA) website.



**Figure 2.** Siberian Tiger; new rock chip results (>1 g/t Au) highlighted yellow. Historical drillhole locations shown blue (these were mostly targeting nickel along part of Tiger Stripes).



## TYSONS

Tyson's Prospect is located 3.5km southeast from the Siberian Tiger prospect and at the greenstone-granite contact (Figure 3). A single rockchip sample 24JW052 (grading 22 g/t Au) was taken from a quartz vein that is hosted in granite approximately 40m from the intrusive contact. To this point the granite had been assumed to be barren of mineralisation. However, the discovery of further similar veins also hosted in the granite periphery along a north-south trend suggest there reasonable potential of a bona fide gold system within granite in that area. This has significant implications throughout the Leinster South tenement package, where deformed granite-greenstone contacts are commonplace. Follow-up investigation including mapping, rockchip and soil sampling programs are being conducted at Tyson's with the next round of assay results expected within 3-4 weeks.

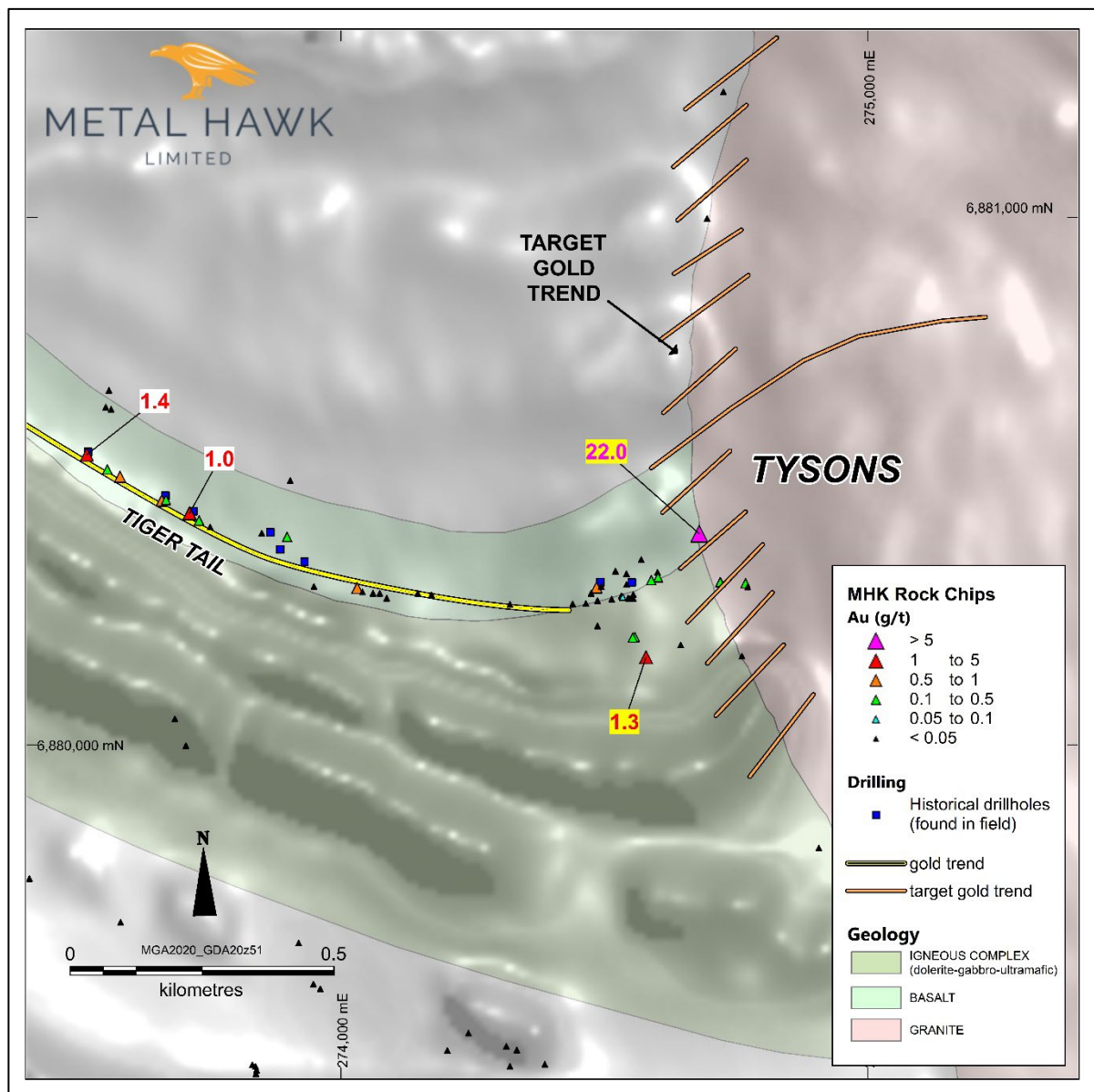


Figure 3. Tysons gold prospect showing new rockchip results (highlighted yellow).



**Figure 4.** Rockchip sample 24JW052 from Tysons prospect (22.0 g/t Au)



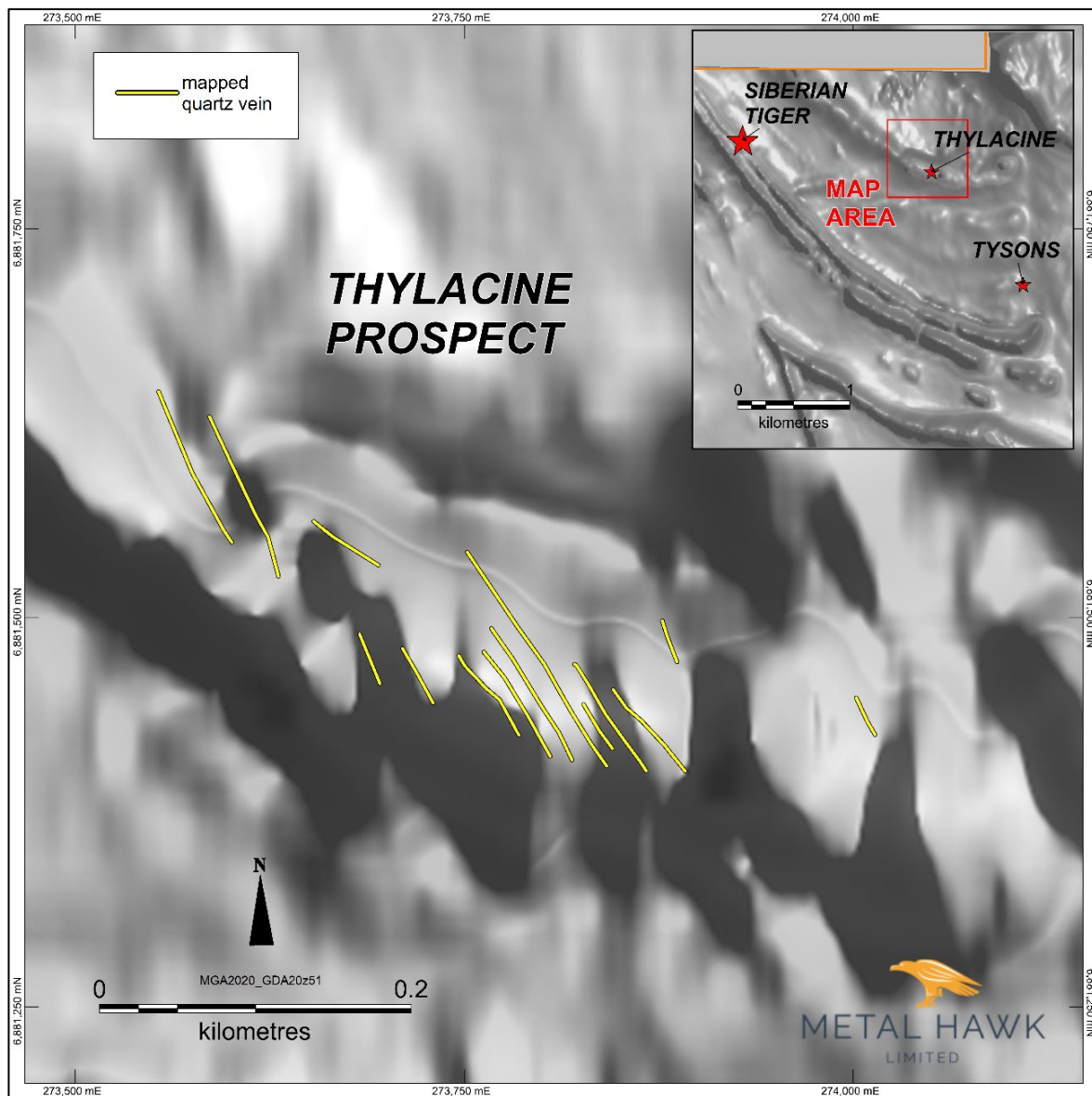
**Figure 5.** Quartz veining near granite contact at Tysons (looking north)

For personal use only



## THYLACINE

A significant new untested vein system has also just been identified approximately 2km ESE from Siberian Tiger on the parallel northern ESE trending greenstone belt. The Thylacine Prospect (see Figure 6) is marked by multiple sub-parallel NNW trending massive to sheeted quartz veins typically between 0.2m and 1.0m wide at surface and between 10m and 20m apart, over at least 300m of combined strike. Field observations have identified similar vein features and mineral assemblages to Siberian Tiger, along with similar elevated levels of pathfinder elements including Bi, Mo, W, Se and Cu (determined by portable XRF analyser). It also shares a similar geological setting as Siberian Tiger, hugging the interface between highly-sheared mafic metavolcanics and post-deformation gabbro intrusions. Results from rock chip and soil sampling at Thylacine are expected in 3-4 weeks.



**Figure 6.** Thylacine Prospect area over magnetics (TMI RTP 1VD: Total Magnetic Intensity, Reduced to Pole, 1<sup>st</sup> vertical derivative), mapped NNW trending quartz veins shown in yellow.



**Figure 7.** Typical Thylacine prospect quartz vein outcrop, looking ENE (150 degrees)



**Figure 8.** Oxide-sheeted quartz vein sample from the Thylacine Prospect (assays pending)

For personal use only



### NEXT STEPS

Further geochemical sampling along with regional and targeted structural mapping is being conducted as follow-up and in addition to the results reported in this announcement.

Metal Hawk has executed a heritage agreement with the traditional owners and will be scheduling a heritage clearance survey as soon as possible.

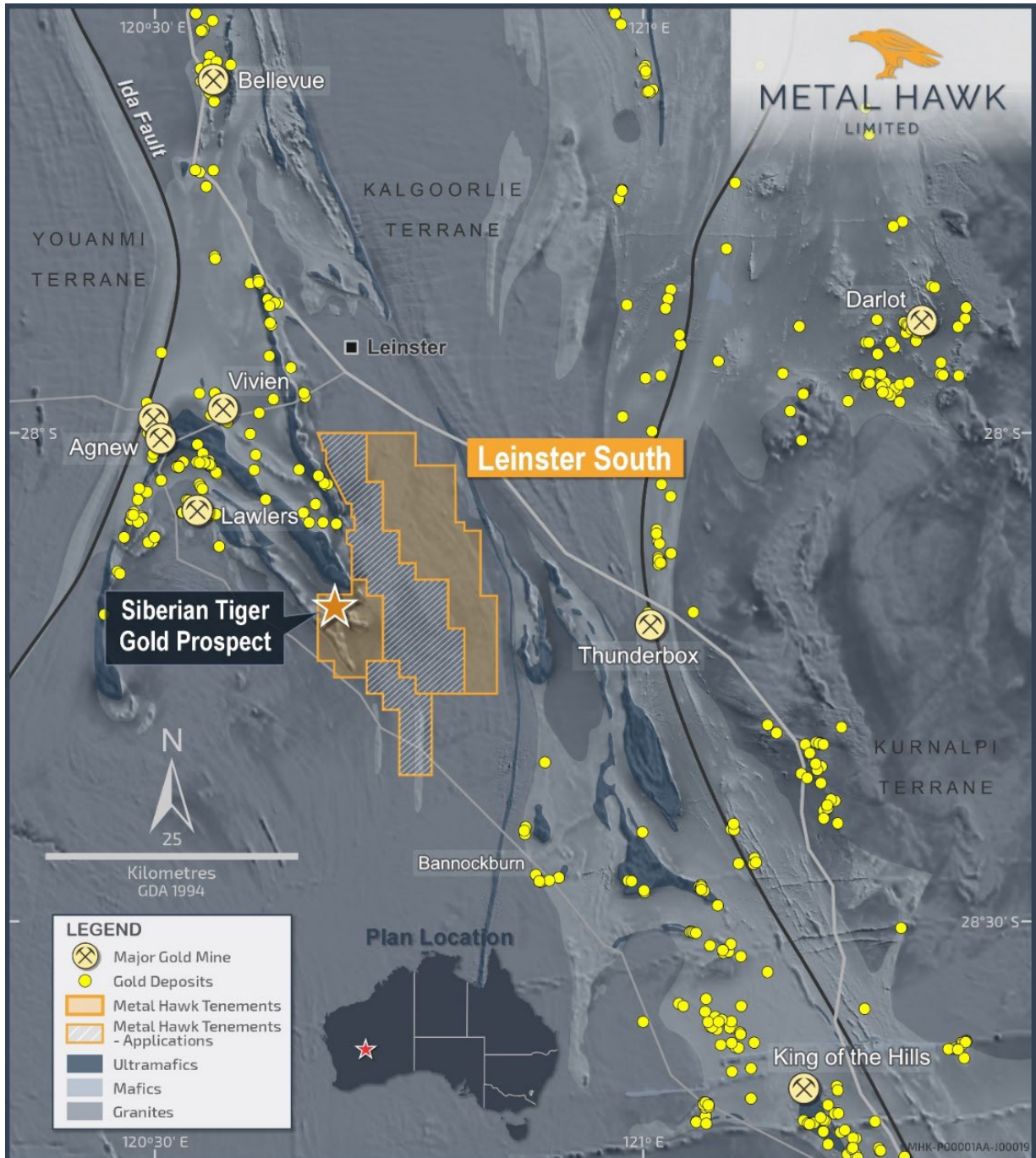


Figure 9. Leinster South Project

For personal use only





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:

Will Belbin  
Managing Director  
Metal Hawk Limited  
+61 478 198 665

Media & Investor Relations  
Luke Forrestal  
GRA Partners  
+61 411 479 144

[admin@metalhawk.au](mailto:admin@metalhawk.au)

[luke.forrestal@grapartners.com.au](mailto:luke.forrestal@grapartners.com.au)

---

Leo Dam

### 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.



Table 1: NEW ROCK CHIP SAMPLE RESULTS

Sample ID	PROSPECT	East	North	RL (m)	Au g/t
24DR381	LN019	272243	6881393	502	NSR
24DR382	LN019	272204	6881409	496	0.04
24DR383	Siberian Tiger	272266	6881609	499	0.17
<b>24DR384</b>	<b>Siberian Tiger</b>	<b>272308</b>	<b>6881615</b>	<b>501</b>	<b>8.35</b>
24DR385	Siberian Tiger	272356	6881569	505	0.33
24DR386	Siberian Tiger	272382	6881573	503	0.03
24DR387	Siberian Tiger	272426	6881545	498	NSR
24DR388	Siberian Tiger	272487	6881481	501	NSR
24DR389	Siberian Tiger	272436	6881507	497	NSR
24DR390	Tiger Stripe	272318	6881126	500	0.32
<b>24DR391</b>	<b>Tiger Stripe</b>	<b>272343</b>	<b>6881094</b>	<b>498</b>	<b>1.29</b>
<b>24DR392</b>	<b>Tiger Stripe</b>	<b>272269</b>	<b>6881172</b>	<b>503</b>	<b>1.26</b>
<b>24DR393</b>	<b>Tiger Stripe</b>	<b>272209</b>	<b>6881250</b>	<b>506</b>	<b>1.51</b>
24DR394	Tiger Stripe	272224	6881219	505	0.27
24DR395	Tiger Stripe	272260	6881208	508	0.07
<b>24DR396</b>	<b>Tiger Stripe</b>	<b>272275</b>	<b>6881203</b>	<b>508</b>	<b>1.52</b>
24DR397	Tiger Stripe	272306	6881184	505	0.58
24DR398	Tiger Stripe	272298	6881164	500	0.93
24DR399	LN019	272504	6881037	505	0.03
24DR400	LN019	272818	6880565	493	NSR
24DR401	LN019	273096	6880600	511	0.04
24DR402	Tiger Cub	272218	6880844	493	NSR
24DR403	Tiger Cub	272219	6880848	493	NSR
24DR404	Tiger Cub	272202	6880862	493	NSR
24DR405	Tiger Cub	272205	6880864	493	NSR
24DR406	Tiger Cub	272196	6880883	495	NSR
24DR407	Tiger Cub	272195	6880885	495	NSR
24DR408	Tiger Cub	272196	6880889	495	NSR
24DR409	Tiger Cub	272260	6880805	497	0.09
24DR410	Tiger Snake	272437	6880490	493	NSR
24DR411	Tiger Snake	272495	6880476	496	NSR
24DR412	Tiger Snake	272739	6880160	488	NSR
24DR413	Tiger Snake	272922	6880052	504	0.21
24DR414	Tiger Snake	273051	6879971	499	NSR
24DR415	Tiger Snake	273104	6879931	499	NSR
24DR416	Tiger Snake	273582	6879663	487	NSR
24DR417	Regional	273058	6879840	495	NSR
24DR418	Regional	273146	6879792	490	NSR
24DR419	LN003	273840	6879383	480	NSR
24DR420	LN003	273839	6879376	480	NSR
24DR421	LN003	273838	6879390	480	NSR
24DR422	LN003	273832	6879393	480	NSR
24DR423	Tiger Snake	273948	6879546	482	NSR
24DR424	Tiger Snake	273961	6879537	482	NSR
24DR425	Tysons	274768	6880306	494	0.16
24DR426	Tysons	274772	6880299	494	0.02
24DR427	Tysons	274721	6880310	493	0.02
24DR428	Tysons	274720	6880308	493	0.10
24DR429	Tiger Tail	274645	6880189	494	NSR
<b>24DR430</b>	<b>Tiger Tail</b>	<b>274579</b>	<b>6880166</b>	<b>493</b>	<b>1.34</b>
24DR431	Tiger Tail	274558	6880204	493	0.32

For personal use only



For personal use only

24DR432	Tiger Tail	274554	6880203	493	0.10
24DR433	Tiger Tail	274487	6880225	491	NSR
24DR434	Tysons	273685	6880049	502	NSR
24DR435	Tysons	273706	6879998	495	NSR
24DR437	LN003	273952	6879205	486	NSR
24DR438	LN003	273951	6879198	486	0.02
24DR439	LN003	273955	6879189	484	NSR
24DR440	LN003	273957	6879177	484	NSR
24DR441	LN003	273956	6879169	484	NSR
24DR442	LN003	273956	6879158	484	NSR
24DR443	LN003	273964	6879151	484	NSR
24DR444	LN003	273959	6879141	484	NSR
24DR445	LN003	273961	6879134	484	NSR
24DR447	LN003	275125	6878894	489	NSR
24DR448	LN003	275126	6878865	489	NSR
24DR449	LN003	275132	6878811	490	NSR
24DR450	LN003	275132	6878796	490	NSR
24DR451	LN003	275133	6878771	491	NSR
24DR452	LN003	275134	6878758	491	NSR
24DR453	LN003	275125	6878748	493	NSR
24DR454	LN003	275126	6878735	493	NSR
24DR455	LN003	275132	6878722	494	NSR
24DR456	LN003	275127	6878694	496	NSR
24DR457	LN003	275129	6878679	496	NSR
24DR458	LN003	275128	6878667	497	NSR
24DR459	LN003	275128	6878651	497	NSR
<b>24DR460</b>	<b>LN003</b>	<b>275131</b>	<b>6878623</b>	<b>494</b>	<b>2.20</b>
24DR461	LN003	275131	6878597	493	NSR
24DR462	LN036	272655	6882113	509	NSR
24DR463	LN036	272642	6882100	509	0.11
24DR464	LN036	273214	6881823	534	0.42
24DR465	LN036	273320	6881790	526	NSR
24DR466	LN036	273454	6881702	521	0.12
24DR467	LN036	273118	6881945	522	NSR
24DR468	LN036	272757	6882001	511	0.07
24DR469	LN036	272700	6882075	513	NSR
24DR471	Tiger Snake	274202	6879420	488	NSR
24DR472	Tiger Snake	274387	6879394	495	NSR
24DR473	Tiger Snake	274314	6879428	495	NSR
24DR474	Tiger Snake	274242	6879453	495	NSR
24DR475	Tiger Flank	272199	6881882	502	NSR
24DR476	Tiger Flank	272030	6882076	512	NSR
24DR477	Tiger Flank	272068	6882221	521	NSR
24DR478	Tiger Flank	272115	6882268	510	NSR
24DR479	Tiger Flank	272304	6882185	509	NSR
24DR480	Tiger Flank	272240	6882006	506	NSR
24DR481	Tiger Flank	272113	6882118	513	NSR
24DR482	Tiger Flank	272038	6882155	515	NSR
24DR484	Tiger Flank	272296	6881959	505	NSR
24DR485	Tiger Flank	272322	6882009	504	0.03
24DR486	Tiger Flank	272345	6881981	503	NSR
24DR487	Tiger Flank	272408	6881918	503	NSR
24DR488	Siberian Tiger	272087	6881938	503	NSR
24DR489	Siberian Tiger	272014	6881985	508	NSR



For personal use only

<b>24DR490</b>	<b>Siberian Tiger</b>	<b>271970</b>	<b>6881967</b>	<b>509</b>	<b>1.79</b>
24DR492	Siberian Tiger	271985	6881959	509	0.39
24DR493	Siberian Tiger	271954	6882064	507	NSR
<b>24DR494</b>	<b>Siberian Tiger</b>	<b>271888</b>	<b>6882105</b>	<b>507</b>	<b>3.09</b>
24DR495	Siberian Tiger	271909	6882131	507	NSR
<b>24DR496</b>	<b>Siberian Tiger</b>	<b>271849</b>	<b>6882048</b>	<b>507</b>	<b>1.40</b>
<b>24DR497</b>	<b>Siberian Tiger</b>	<b>271917</b>	<b>6881989</b>	<b>508</b>	<b>4.97</b>
24DR498	LN019	271827	6881954	503	0.02
24DR499	LN019	271798	6881957	502	NSR
24DR500	LN019	271760	6882005	501	NSR
24DR501	LN019	271751	6881986	505	0.04
24DR502	LN019	271766	6881882	503	NSR
24DR503	LN019	271795	6881883	507	NSR
24DR504	LN019	271808	6881907	506	NSR
<b>24DR505</b>	<b>Siberian Tiger</b>	<b>271916</b>	<b>6881989</b>	<b>508</b>	<b>2.70</b>
24DR507	Tiger Snake	274321	6879390	491	NSR
24DR508	Tiger Snake	274334	6879421	495	NSR
24DR509	LN003	274402	6879291	489	NSR
24DR510	LN003	274429	6879292	489	NSR
24DR511	LN019	272889	6880789	501	NSR
24DR512	LN019	272782	6880715	497	NSR
24DR513	LN019	272830	6880680	492	NSR
24DR514	Tiger Cub	272259	6880816	497	NSR
24DR515	Tiger Cub	272183	6880766	491	NSR
24DR516	Tiger Snake	272386	6880571	494	NSR
<b>24DR517</b>	<b>Tiger Stripe</b>	<b>271964</b>	<b>6881268</b>	<b>497</b>	<b>1.26</b>
24DR518	Tiger Stripe	271873	6881465	499	NSR
24DR520	Tiger Stripe	271461	6882185	501	NSR
24DR521	Tiger Stripe	271506	6882189	502	NSR
24DR523	LN019	272050	6881630	507	NSR
24DR524	LN019	272006	6881601	507	0.05
24DR525	LN019	272003	6881603	508	NSR
24DR526	LN019	271987	6881617	506	NSR
24DR527	Tiger Stripe	271947	6881588	502	0.94
24DR528	Tiger Stripe	271949	6881575	502	NSR
<b>24DR529</b>	<b>Tiger Stripe</b>	<b>271949</b>	<b>6881547</b>	<b>501</b>	<b>2.69</b>
24DR530	Regional	272835	6879124	478	NSR
24DR531	Regional	272808	6879106	479	NSR
24DR532	Regional	272757	6879087	478	NSR
24DR533	LN003	275340	6878775	485	NSR
24JW035	LN023	273675	6877524	483	NSR
24JW036	Regional	273932	6876195	475	NSR
24JW037	LN020	272996	6875195	475	NSR
24JW038	Tiger Cub	272246	6880818	496	0.02
24JW039	Tiger Cub	272234	6880810	496	0.14
24JW040	Tiger Cub	272238	6880782	496	NSR
24JW041	Tiger Snake	272301	6880680	498	NSR
24JW042	Tiger Cub	272283	6880744	497	NSR
24JW043	Tiger Cub	272287	6880741	497	NSR
24JW044	Tiger Snake	272496	6880483	496	NSR
24JW045	Tiger Snake	272488	6880486	496	NSR
24JW046	Tiger Snake	272738	6880125	488	NSR
24JW047	Tiger Snake	273061	6879955	499	NSR
24JW048	LN003	273888	6879338	480	NSR



24JW049	LN003	273901	6879357	480	NSR
24JW050	Tiger Flank	272403	6882106	505	NSR
24JW051	Tiger Flank	272218	6881909	502	NSR
<b>24JW052</b>	<b>Tysons</b>	<b>274680</b>	<b>6880400</b>	<b>493</b>	<b>22.01</b>
24JW053	LN036	272736	6882296	520	0.04
24JW054	LN036	272773	6882149	531	0.03
24JW055	LN036	272838	6882107	528	NSR
24JW056	LN036	273255	6881839	530	NSR
24JW057	LN036	272718	6882070	521	NSR
24JW058	LN036	272724	6882078	521	NSR
24JW059	LN036	272715	6882086	521	NSR
24JW060	LN036	272724	6882081	521	NSR
24JW061	Tysons	274761	6880168	498	0.02

Notes to Table 2:

- Grid coordinates GDA2020: zone51, locations determined by handheld GPS.
- Au reported is average where repeat assay available.
- NSR = no significant result.
- Assays greater than 1.0g/t au shown **bold**.

For personal use only



## 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-August 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 172 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 samples were submitted for gold and multi-element analysis by 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>

For personal use only



For personal use only

<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-MS.</li> <li>This near-full digest is considered sufficient for this stage of exploration and the weathered nature of the samples.</li> <li>Gold analysis was undertaken with 25-gram Fire Assay. The detection limit for gold via fire assay is 5ppb (0.005ppm).</li> </ul>



For personal use only

	<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>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 consignment notes were delivered and checked for discrepancies.</li> </ul>





<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 prospect.</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 (1000x100m) 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.</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 greenschist to lower amphibolite facies and post-orogenic S-type muscovite-bearing granites.</li> </ul>

For personal use only



For personal use only

		<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> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</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>



For personal use only

<p><b>Relationship between mineralisation widths and intercept lengths</b></p>	<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>
<p><b>Diagrams</b></p>	<p><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></p>	<ul style="list-style-type: none"> <li>Refer to Figures in text.</li> </ul>
<p><b>Balanced reporting</b></p>	<p><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></p>	<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>
<p><b>Other substantive exploration data</b></p>	<p><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></p>	<ul style="list-style-type: none"> <li>Everything meaningful and material is disclosed in the body of the report.</li> </ul>
<p><b>Further work</b></p>	<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>