

15<sup>th</sup> April 2021

# NEW RESULTS EXPAND GOLD ZONE AT LITTLE LAKE

- Final gold assays received from Stage-1 Aircore drilling at Kanowna East highlights gold prospectivity at Little Lake
- Near end-of-hole anomalies provide new targets for RC drilling
- 10,000m Stage-2 Aircore drilling program underway

Metal Hawk Limited (**ASX: MHK**, "Metal Hawk" or "The Company") is pleased to report gold assay results from aircore (AC) drilling at its flagship Kanowna East project, located 8 kilometres northeast of Northern Star's Kanowna Belle gold mine (+5 Moz Au). This program, consisting of 28 holes for 2,085 metres, was carried out with a specialised track-mounted lake AC rig to access drill sites in and around the fringes of Little Lake. Stage-1 of the Company's maiden exploration program at Kanowna East is now complete, with a total of 268 AC holes drilled for 17,602m.

Significant new gold intercepts from the lake AC program at Little Lake include:

- 5m @ 4.76g/t Au from 65m, and;
   5m @ 0.68g/t Au from 20m in KEAC265
- > 5m @ 2.87g/t Au from 50m in KEAC264
- ➢ 5m @ 0.81g/t Au from 55m in KEAC262
- > 5m @ 0.70g/t Au from 35m in KEAC258
- > 4m @ 0.67g/t Au from 53m in KEAC247
- > 5m @ 0.55g/t Au from 20m in KEAC267
- > 5m @ 0.51g/t Au from 20m in KEAC261

These results are in addition to previously announced intercepts from Metal Hawk's AC drilling carried out at Little Lake from November 2020 to January 2021, including;

- 4m @ 7.11g/t Au from 55m in KEAC180
- ➢ 6m @ 3.37g/t Au from 24m, and;
  - 3m @ 0.82g/t Au from 54m in KEAC186
- > 5m @ 2.24g/t Au from 65m in KEAC006 (to end of hole)
- 5m @ 0.89g/t Au from 56m in KEAC183
- 4m @ 0.89g/t Au from 63m in KEAC187
- > 5m @ 0.75g/t Au from 65m in KEAC008
- > 4m @ 0.53g/t Au from 22m in KEAC208



Metal Hawk's Managing Director Will Belbin commented: "This latest campaign of lake aircore drilling has intersected more strong gold mineralisation at Little Lake. Importantly we have seen associated favourable sericite-silica alteration and abundant sulphides near end-of-hole depths. Stage-2 AC drilling is now underway and the Company is making plans for deeper Reverse Circulation (RC) drilling in order to identify the bedrock-source of this broad gold anomalism."



Figure 1. Little Lake prospect – new results highlighted yellow



Due to very high rainfall in February and March, not all drilling activities on the lake could be carried out as planned, however, the priority drilling around the fringes of Little Lake was successfully completed. Numerous aircore samples showed favourable geology and alteration which also coincided with anomalous gold near end-of-hole intercepts.



*Figure 2.* Lake Aircore Drilling at Kanowna East

### FORWARD PLAN

Stage-2 drilling has commenced and will consist of over 100 AC holes designed to test the extensive structural zone north of Little Lake (see Figure 3). The Company is concurrently designing RC drilling to test bedrock targets generated by the Stage 1 AC program. The RC drilling is scheduled to commence in coming months, pending government approvals and rig availability.





Figure 3. Kanowna East - recent, historical and planned drilling

#### **About Metal Hawk Limited**

Metal Hawk Limited is a Western Australian mineral exploration company focused on early-stage discovery of gold and nickel sulphides. Metal Hawk owns a number of quality projects in the Eastern Goldfields and the Albany Fraser regions.

Western Areas Limited (ASX: WSA) has an Earn-In and Joint Venture Agreement with Metal Hawk whereby WSA have the right to earn a 75% interest on three of MHKs projects; Kanowna East, Emu Lake and Fraser South by spending \$7.0 million over 5 years. Metal Hawk is free carried to decision to mine and retains gold rights at Kanowna East and Emu Lake.



Dare Brook

Chalice Mining Limited (ASX: CHN) has an Earn-in Agreement with Metal Hawk on the Viking Gold Project whereby CHN can earn up to 70% of the Viking Project by spending \$2.75 million on exploration over 4.5 years.



Figure 4. Metal Hawk project locations

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 <u>www.metalhawk.com.au</u> or contact:

Will Belbin Managing Director admin@metalhawk.com.au



#### **Table 1. Significant Aircore Results**

Hole	From (m)	To (m)	Interval (m)	Au (g/t)
KEAC245	50	52	2	0.13
KEAC247	25	30	5	0.17
KEAC247	53	57	4	0.67
KEAC248	52	60	8	0.14
KEAC251	24	28	4	0.17
KEAC258	35	40	5	0.70
KEAC261	20	25	5	0.52
KEAC261	30	35	5	0.25
KEAC262	55	60	5	0.81
KEAC262	70	75	5	0.12
KEAC262	78	79	1	0.36
KEAC264	45	55	10	1.51
including	50	55	5	2.87
KEAC265	20	25	5	0.68
KEAC265	65	70	5	4.76
KEAC266	45	50	5	0.22
KEAC267	20	30	10	0.37
including	20	25	5	0.55
KEAC268	25	30	5	0.21
KEAC268	50	60	10	0.33
KEAC268	65	70	5	0.12

#### Notes to Table:

- Aircore drilling was sampled (scooped) using a combination of composite sampling (2m-6m) and 1m samples. Samples were then sent to Intertek Genalysis, crushed and pulverised in LM5 units to produce a sub-sample. The pulps were then sent to Perth for analysis by 50gram fire assay with ICP-OES (Intertek Code FA50/OE04)
- Cut-off for reporting of 0.1 ppm Au.
- Significant results >0.5g/t Au are shown in bold

Table 2. Kanowna East drillhole collar locations

	Hole				
Hole ID	Туре	East	North	Depth	Dip
KEAC241	AC	372121	6620801	66	-90
KEAC242	AC	372198	6620808	65	-90
KEAC243	AC	372274	6620799	81	-90
KEAC244	AC	372359	6620801	82	-90
KEAC245	AC	372438	6620801	86	-90
KEAC246	AC	372518	6620800	90	-90
KEAC247	AC	372754	6620802	71	-90
KEAC248	AC	372840	6620802	72	-90



KEAC249	AC	372940	6620680	74	-90
KEAC250	AC	372938	6620600	62	-90
KEAC251	AC	371655	6621204	29	-90
KEAC252	AC	371742	6621192	81	-90
KEAC253	AC	371820	6621200	68	-90
KEAC254	AC	371930	6620398	65	-90
KEAC255	AC	372000	6620402	60	-90
KEAC256	AC	372077	6620403	67	-90
KEAC257	AC	372158	6620400	72	-90
KEAC258	AC	372239	6620399	110	-90
KEAC259	AC	372317	6620401	97	-90
KEAC260	AC	372401	6620401	87	-90
KEAC261	AC	372488	6620404	76	-90
KEAC262	AC	372560	6620401	79	-90
KEAC263	AC	372341	6620597	100	-90
KEAC264	AC	372422	6620597	69	-90
KEAC265	AC	372490	6620601	74	-90
KEAC266	AC	372540	6619993	65	-90
KEAC267	AC	372698	6620004	60	-90
KEAC268	AC	372903	6620680	77	-90

Notes to Table:

- Grid coordinates GDA94 zone 51.
- All drillholes were vertical
- Collar positions were determined by handheld GPS, with a nominal RL of 350m

#### **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.

Information on historical results is included in the Metal Hawk Prospectus dated 29th September 2020.

#### **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.



# 2012 JORC Table 1

# SECTION 1: SAMPLING TECHNIQUES AND DATA

	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation,	28 aircore (AC) holes (KEAC241 to KEAC268) were completed as part of this program. Hole depths ranged from 29m to 110m.
	such as down hole gamma sondes, or handheld XRF instruments, etc). These	All drill holes were vertical -90.
	examples should not be taken as limiting the broad meaning of sampling.	GPS. Logging of drill samples included lithology, weathering, texture, moisture and contamination.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or	Sampling protocols and QAQC are as per industry best practice procedures.
	systems used Aspects of the determination of mineralisation	AC drilling was sampled using a combination of composite sampling (2m – 6m) and single 1m sampling at end of hole.
	that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse	Samples were sent to Intertek Genalysis in Kalgoorlie, crushed to 10mm, dried and pulverized
	circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to	(total prep) in LM5 units to produce a sub-sample.
	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.	The pulps were then sent to Perth for analysis via 50g Fire Assay with ICP-OES (Intertek code FA50/OE04) with a 5ppb lower detection limit.
Drilling techniques	Drill type (e.g. core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka,	AC drilling was used to obtain 1-metre samples that were passed through a cyclone and collected
	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).	in a bucket which was then emptied on the ground.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed	The sample recovery was visually assessed and noted.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	The recovery was considered normal for this type of drilling. Samples were variably dry, damp and sometime wet. Sample condition was logged.
	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.	All AC holes were drilled to blade refusal.



J.Z.	The Bollins		er Frank frank skille	
	ASX ANN	NOUNC	EMENT	ASX: MHK

Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	A qualified geologist logged all holes in full and supervised the sampling. Photographs were taken of all sample spoils.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. 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.	<ul> <li>AC samples were collected using a cyclone attached to the drill rig. The sample material was emptied on the ground and a 400g-1000g subsample was taken from each one-metre interval using a sampling scoop. Sub-samples for consecutive metres within composite intervals were placed in a pre-numbered calico bag.</li> <li>Field QC involves the review of laboratory supplied certified reference material, in house controls, blanks, splits and duplicates. These QC results are reported by the laboratory with final assay results.</li> <li>No field duplicates were taken.</li> <li>All AC samples were analysed at a Perth laboratory Intertek Genalysis using Fire-Assay method FA50/OE04</li> <li>Sample preparation included sorting, drying and pulverizing (85% passing 75 μm) in a LM5 steel mill.</li> <li>The sample sizes are considered more than adequate to ensure that there are no particle size effects.</li> </ul>
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. 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.	Samples were assayed for Au at Intertek Genalysis Laboratories, Perth, using 50g charge fire assay to 0.005ppm detection limit. No geophysical tools have been utilised for reporting gold mineralisation. Internal laboratory control procedures involve duplicate assaying of randomly selected assay pulps as well as internal laboratory standards. All of these data are reported to the Company and analysed for consistency and any discrepancies.



# ASX ANNOUNCEMENT | ASX: MHK

Verification of sampling and	The verification of significant intersections by either independent or alternative company	Senior personnel from the Company have visually inspected mineralisation in some of the samples.
assaying	personnel.	No aircore holes were twinned in the current
	The use of twinned holes.	program.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary data was collected using a standard set of Excel templates on a Toughbook laptop computer in the field. These data are checked, validated and transferred to the company database
		No adjustments or calibrations have been made to any assay data.
Location of data points	Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations	Drill hole locations have been established using a field GPS unit.
	used in Mineral Resource estimation. Specification of the grid system used.	The grid system is MGA_GDA94, zone 51 for easting, northing and RL.
	Quality and adequacy of topographic control.	The topographic surface was generated from digital terrain models generated from low level airborne geophysical surveys.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	The drillhole spacing along lines are mostly approximately 80m apart. The section spacings are a minimum of 200m
	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.	Data from aircore drilling is not suitable for estimation of Mineral Resources. Sample compositing occurred over 2m to 6m
	Whether sample compositing has been applied.	intervals.
Orientation of data in relation to	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering	The orientation of mineralized structures is unknown.
geological structure	the deposit type. If the relationship between the drilling	No sampling bias is believed to have been introduced.
	orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	
Sample security	The measures taken to ensure sample security.	Sample security is managed by the Company. After preparation in the field samples are packed
		into labelled polyweave bags and despatched to the laboratory. All samples were transported by the Company directly to the assay laboratory. The assay laboratory audits the samples on arrival and reports and discrepancies back to the Company.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No review of the sampling techniques has been carried out.

# **SECTION 2: REPORTING OF EXPLORATION RESULTS**

Criteria JORC Code explanation	Commentary
--------------------------------	------------



Server Bussel

Mineral tenement and land tenure status	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.	The drilling program was conducted on the Kanowna East project on licenses E27/596 and P27/2428. Both of these tenements are 100% owned by the Company.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The tenements are in good standing and no known impediments exist.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Historical exploration by other parties identified anomalous gold and nickel values in limited aircore drilling. Other early work also included aeromagnetic surveys and interpretation.</li> <li>For details of previous exploration on the project refer to the ITAR (Independent Technical Assessment Report) included in the Metal Hawk Prospectus dated 29<sup>th</sup> September 2020.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	The geological setting is of Archaean age with common host rocks and structures related to orogenic gold mineralisation as found throughout the Yilgarn Craton of Western Australia.
Drill hole Information	<ul> <li>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:</li> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> </ul>	Refer to drill results tables and the Notes attached thereto in the text as applicable. For information on drillholes KEAC001 to KEAC240 please refer to MHK ASX announcement dated 2 <sup>nd</sup> March 2021.
Data aggregation methods	<ul> <li>Indeteringth.</li> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	All reported assay intervals have been length- weighted. No top cuts were applied. A nominal cut- off of 0.01 g/t Au was applied with up to 2m of internal dilution allowed. No aggregate samples are reported. Significant grade intervals based on intercepts >100ppb gold. No metal equivalent values have been used or reported.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	No definite relationships between mineralisation widths and intercept lengths are known from this drilling due to the highly weathered nature of the material sampled.



San Bratel

Diagrams	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'). 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.	Refer to Figures in text.
Balanced reporting	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.	All significant intercepts and summary of drill hole assay information are presented in Table 1. in the body this announcement.
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.	All meaningful and material information has been included in the body of this announcement.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive	Further work will be planned following further analysis and interpretation.