

17 September 2024

## CLARIFICATION STATEMENT

### TITAN PROSPECT DELIVERS HIGH GRADE GOLD ASSAYS

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- Titan, Good Luck and Little Fortune prospects
- **High grade gold** rock chip assays >10,000 g/t Au previously reported

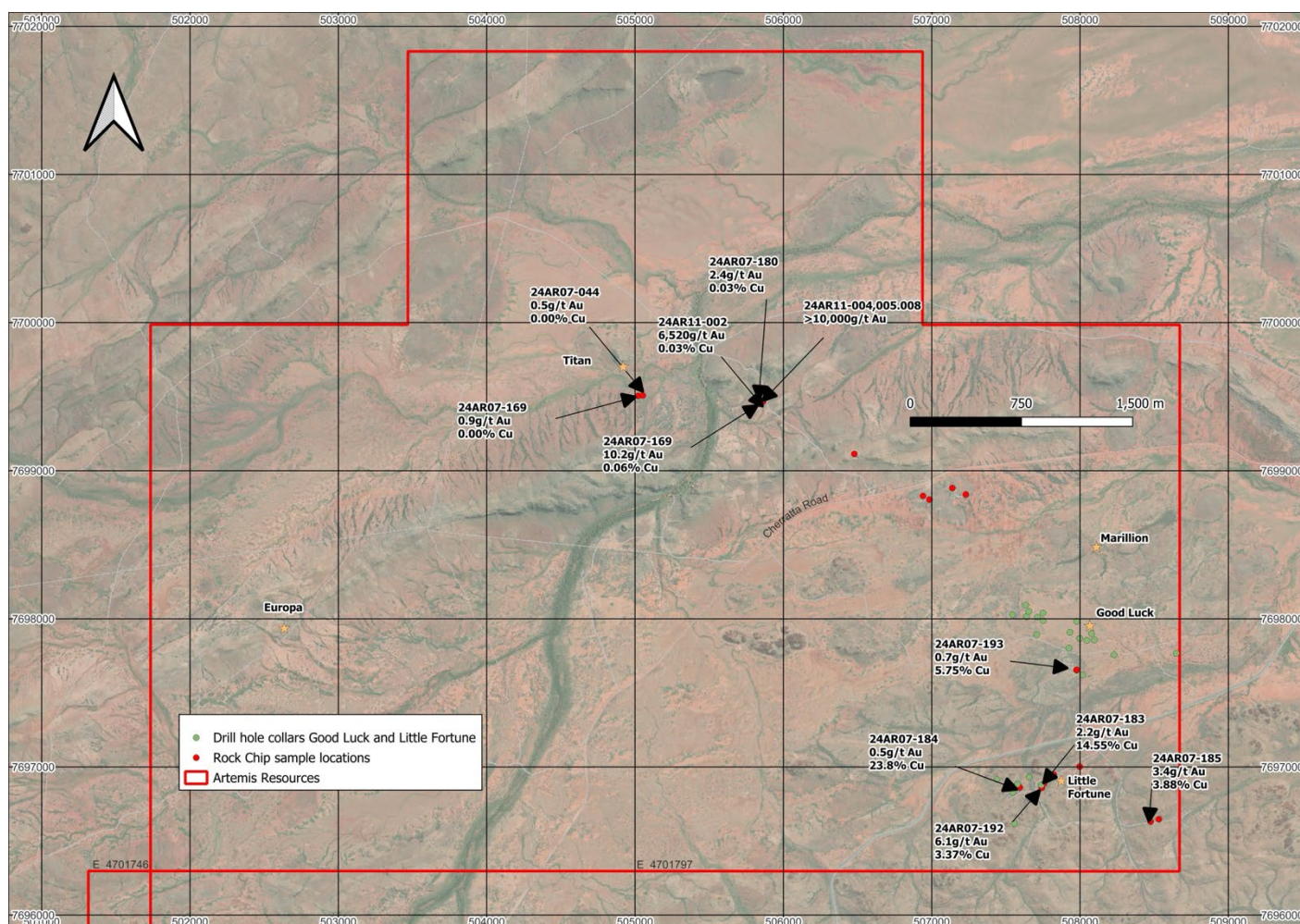
**Artemis Resources Limited** ('Artemis' or the 'Company') (ASX/AIM: **ARV**) wishes to issue this clarification statement in respect to its gold project in the Pilbara region of Western Australia.

Rock chips were recently collected from a ground reconnaissance program that covered the Carlow tenement (Figure 1). The rock chip sample assay results taken from the Titan prospect indicate the presence of a high grade structurally controlled surface vein mineralisation across multiple areas including the Titan, Chapman and Thorpe prospect. Chapman and Thorpe were previously known as Good Luck and Little Fortune.

The Titan prospect, located approximately 1.2km NW of the 704,000 Au Eq Carlow Resource, returned the highest rock chip assay results of greater than **10,000 g/t Au** (exceeding over limited values). Samples from this location were characterised by quartz-iron oxide veining which occur along a broadly defined SE-NW trend and in close proximity to regional shear zone structures. Vein samples returning high grade gold often display coarse visible gold, which was seen at the Titan prospect.

The Chapman and Thorpe prospects (Good Luck and Little Fortune) are located approximately 600m and 1.8km south of the Carlow Resource area. Chip assay results from these locations have confirmed the occurrence of multiple high grade copper and gold of up to **23.8% (Cu) and 6.14 g/t (Au)**. The chips were selected from quartz iron oxide veining often collected from historical mullock heap workings. Vein structures across both prospects have been mapped for approximately 600m and appear broadly associated with E-W trending structures.

Previous drill results at the Good Luck and Little Fortune prospects are listed in Appendix 1 and feature an historic intersection at the Good Luck prospect of **10m @ 3.4% Cu, 1.75 g/t Au & 24.65 g/t Ag**, from 116m, including **5m @ 6.23% Cu, 3.01 g/t Au, 45.32 g/t Ag** from 117m.



**Figure 1.** Carlow tenement with rock chip sample locations (with higher grades noted) relating to the previous release in relation to known prospects.

Other currently identified prospects within the Carlow tenement include:

**Marillion** – identified by fixed loop electromagnetic survey (FLEM) which resulted in a very high tenor (**11,000s**) conductor target

**Carlow North** – Small scale soil sampling program that displayed elevated levels of copper

**Europa** – identified by coincident gravity and magnetic surveys.

Given the Carlow MRE sits between Titan and the Chapman and Thorpe prospects, the Company believes the prospectivity of the Carlow tenement as a whole is exciting and will be following up with further exploration activities with a view to extend the search for additional prospects.

Sample No	Easting	Northing	Au g/t	Cu %	Ag ppm	Co ppm	Zn pct
24AR07-186*	507976	7697654	0.6	6.95	24.1	1525	0.06
24AR11-002*	505852	7699473	6520	0.03	>100	282	0.01
24AR11-004	505855	7699471	>10000	0.01	>100	21.4	0.01
24AR11-005	505860	7699470	>10000	0.02	>100	31	
24AR11-008	505863	7699466	>10000	0.01	>100	12.4	
24AR07-169	505843	7699451	10.2	0.06	1.3	137.5	0.02
24AR07-192	507741	7696876	6.1	3.37	31.2	190.5	0.08
24AR07-162	505854	7699471	5.1	0.04	0.7	134.5	0.01
24AR07-191*	507742	7696859	4.5	6.74	14.3	33.1	0.01
24AR07-185*	508475	7696631	3.4	3.88	38.4	160.5	0.02
24AR07-190	508531	7696647	2.5	0.15	6	70.4	
24AR07-180	505855	7699472	2.4	0.03	0.1	629	0.01
24AR07-183*	507757	7696887	2.2	14.55	8.8	139	0.03
24AR07-196*	495466	7686219	1.7	1.66	127	173	8.6
24AR07-194*	506985	7698805	1.7	0.55	4	406	0.03
24AR07-187*	507230	7698840	1.1	6.04	6.7	230	
24AR07-182*	507823	7696948	1	9.7	5.6	140.5	
24AR07-143	505021	7699506	0.9	0	0.1	1.5	
24AR07-168	505857	7699471	0.7	0.02	0.1	66.3	0.02
24AR07-176	505860	7699466	0.7	0	0	3.3	
24AR07-193*	507978	7697656	0.7	5.75	37.4	266	0.02
24AR07-188*	507139	7698883	0.7	0			
24AR07-131	506478	7699113	0.6	0.01	13	0.9	0.01
24AR07-184*	507594	7696862	0.5	23.8	121	91.8	0.01
24AR07-035	497444	7695662	0.5	0	0.1	1.2	
24AR07-073	486930	7695821	0.5	0.01	8.2	11.7	0.02
24AR07-144	505052	7699508	0.5	0	0.1	6.1	
24AR07-189*	506941	7698830	0.3	5.67	26.6	160	0.03
24AR07-181*	507997	7697002	0.3	5.4	4.4	101.5	0.02

**Table 1** Significant results from rock chip sampling conducted August 2024 – 0.3 g/t Au cut off

\*Sample taken from historical workings/mullock heaps

The rock chip assay results that were recorded at the Chapman and Thorpe prospect were erroneously reported in the prior announcement as the main thrust of that release was focussed on the Titan prospect. The Titan prospect is located approximately 3km from the Chapman and Thorpe prospects.

### **Competent Person Statement**

Adrian Hell BSc (Hons), an advisor and consultant to the Company, is a Member of the AUSIMM, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Adrian Hell consents to the inclusion in the report of the information in the form and context in which it appears.

### **No New Information**

To the extent that this announcement contains references to prior exploration results and Mineral Resource Estimates for the Carlow Gold/Copper Project which have been cross referenced to previous market announcements made by the Company, unless explicitly stated, no new information is contained. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

Appendix 1 – Good Luck and Little Fortune (Chapman and Thorpe) historical drilling results

Hole ID	From (m)	To (m)	DH Width (m)	Au (g/t)	Cu (%)	Ag (g/t)
GLC001	144	146	2	0.02	0.38	1.95
GLC002	58	59	1	0.01	0.34	2.50
GLC002	69	70	1	0.01	0.33	1.60
GLC003	105	106	1	0.01	0.39	1.90
GLC003	110	111	1	0.01	0.31	1.80
GLC003	126	127	1	0.03	0.37	1.80
GLC003	129	131	2	0.02	<b>0.56</b>	2.90
GLC004	107	108	1	0.01	0.34	1.90
GLC004	112	113	1	0.02	0.40	1.60
GLC004	116	117	1	0.03	0.37	1.80
GLC004	118	120	2	0.05	0.34	1.55
GLC004	121	123	2	0.04	0.47	2.35
GLC004	125	126	1	0.02	<b>0.81</b>	3.60
GLC005	81	84	3	0.01	<b>0.65</b>	3.17
GLC005	92	94	2	0.02	0.36	1.70
GLC005	101	104	3	0.02	<b>0.69</b>	3.80
GLC005	<i>Including</i> 102	<i>103</i>	<i>1</i>	<i>0.04</i>	<b><i>1.08</i></b>	<i>6.10</i>
GLC006	13	14	1	0.01	0.49	2.10
GLC006	17	20	3	0.01	<b>0.50</b>	2.23
GLC006	25	26	1	0.09	0.41	1.90
GLC006	53	54	1	0.18	0.32	0.80
GLC006	56	60	4	0.28	<b>0.56</b>	2.33
GLC006	<i>Including</i> 58	<i>59</i>	<i>1</i>	<b><i>0.85</i></b>	<b><i>1.04</i></b>	<i>4.80</i>
GLC006	123	125	2	0.01	0.46	2.65
GLC006	126	129	3	0.02	<b>0.60</b>	3.43
GLC006	132	133	1	0.03	0.38	2.60
GLC006	134	135	1	0.01	0.49	3.30
GLC006	144	145	1	0.01	0.47	2.50
GLC006	148	151	3	0.02	0.45	2.33
GLC006	152	153	1	0.01	0.35	2.10
GLC006	155	156	1	0.05	0.45	2.80
GLC007	48	49	1	0.01	0.31	1.80
GLC007	51	52	1	0.01	0.32	1.60
GLC007	64	66	2	0.07	0.36	1.70
GLC007	72	73	1	0.01	0.34	1.90
GLC007	74	77	3	0.02	0.32	1.67
GLC007	80	81	1	0.06	<b>0.51</b>	2.40
GLC007	82	83	1	0.02	0.37	1.70
GLC007	99	100	1	0.02	0.38	1.50
GLC007	116	126	10	<b>1.75</b>	<b>3.41</b>	<b>24.65</b>
GLC007	<i>Including</i> 117	<i>122</i>	<i>5</i>	<b><i>3.01</i></b>	<b><i>6.23</i></b>	<b><i>45.32</i></b>
GLC007	138	141	3	<b>1.04</b>	<b>1.73</b>	<b>12.67</b>
GLC007	<i>Including</i> 139	<i>141</i>	<i>2</i>	<b><i>1.28</i></b>	<b><i>2.28</i></b>	<b><i>16.65</i></b>
GLC007	150	151	1	0.17	0.33	1.80
GLC008	39	40	1	0.10	0.38	4.20

HoleID	Type	East MGA	North MGA	RLMGA	Dip	Azimuth MGA	Total Depth
GLC001	RC	507634	7698094	32.41	-59.8	136.32	264
GLC002	RC	507545	7698028	33.44	-59.97	135.99	264
GLC003	RC	507712	7698012	31.74	-59.42	135.51	228
GLC004	RC	507750	7698039	31.56	-59.88	181.25	252
GLC005	RC	507751	7697989	31.58	-59.61	181.22	162
GLC006	RC	507707	7697893	31.53	-59.57	2.45	216
GLC007	RC	507998	7697867	30.11	-60.31	133.24	264
GLC008	RC	508020	7697621	29.6	-59.1	1.18	186

Significant Intervals >0.3% Cu, 2m internal dilution. NSI = No Significant Results

Hole ID	Comment	From (m)	To (m)	Downhole Width (m)	Cu (%)	Ni %	Co (%)	Au g/t
ARC372	Including	14	15	1	<b>0.57</b>	0.38	0.020	0.01
		68	72	4	0.36	0.27	0.024	0.01
		70	71	1	<b>0.52</b>	<b>0.48</b>	0.041	0.02
	Including	75	76	1	0.31	0.20	0.019	0.01
		80	83	3	0.20	<b>0.74</b>	0.024	0.24
		80	81	1	<b>0.74</b>	0.24	0.024	0.02
		244	245	1	0.32	0.21	0.023	0.10
ARC373	Including	73	74	1	0.38	0.04	0.006	0.02
		82	86	4	<b>0.69</b>	0.21	0.023	0.10
		83	86	3	<b>0.82</b>	0.24	0.027	0.12
		118	119	1	<b>0.68</b>	0.21	0.015	0.01
		125	126	1	<b>0.50</b>	<b>0.33</b>	0.032	0.02
		131	132	1	<b>1.05</b>	<b>0.44</b>	0.024	0.03
ARC374		85	86	1	0.38	0.24	0.013	0.01
		101	102	1	0.33	0.05	0.016	0.13
		114	115	1	0.44	0.33	0.013	0.02
		161	162	1	0.39	0.16	0.005	0.16
ARC375		38	40	2	0.35	0.28	0.019	0.04
		45	46	1	0.34	0.20	0.015	0.02
		52	53	1	0.38	0.11	0.015	0.02
		81	87	6	0.36	0.13	0.010	0.01
		131	132	1	<b>0.99</b>	0.02	0.016	0.48
ARC376		66	67	1	<b>0.58</b>	0.36	0.024	0.01
		76	77	1	0.44	0.24	0.012	0.04
		85	87	2	<b>0.57</b>	0.20	0.013	0.03
		90	91	1	0.31	0.13	0.010	0.01
ARC377		82	86	4	0.31	0.12	0.009	0.02
ARC382		99	100	1	<b>0.31</b>	0.20	0.013	0.02
		101	102	1	<b>0.30</b>	0.17	0.010	0.01
		112	114	2	<b>0.35</b>	0.23	0.010	0.03
ARC385	Including	31	33	2	0.34	<b>0.31</b>	0.023	0.01
		37	48	11	0.56	<b>0.36</b>	0.020	0.25
		40	42	2	<b>0.70</b>	<b>0.69</b>	0.032	0.04

	Including	44	45	1	<b>1.08</b>	<b>0.75</b>	0.040	0.03
	Including	46	47	1	<b>0.87</b>	0.28	0.021	0.01
ARC405		93	95	2	<b>0.60</b>	0.02	0.011	0.42
	Including	94	95	1	<b>0.77</b>	0.03	0.013	0.50
ARC407		147	149	2	0.21	0.33	-	-

Significant Intervals >0.3% Cu, 2m internal dilution. NSI = No Significant Results

Hole ID	Comment	From	To	Downhole width (m)	Cu %	Ni %	Co %	Au ppm
22CHRD001		76.46	78.36	1.9	<b>0.30</b>	0.16	0.013	0.02
		79.93	92.5	12.57	<b>0.43</b>	0.25	0.018	0.08
	Including	82.2	88.04	5.33	<b>0.56</b>	<b>0.32</b>	0.020	0.07
		125.94	127.7	1.76	<b>0.42</b>	0.15	0.010	0.01
		134.24	136.76	2.52	<b>0.39</b>	0.19	0.014	0.05
	Including	135.66	136.76	1.1	<b>0.47</b>	0.26	0.018	0.09

HoleID	Type	East MGA	North MGA	RL (m)	Dip	Azimuth MGA	Total Depth (m)
22CHRD001	DD	507998.10	7697867.64	29.91	-60.32	212.21	174.30
ARC372	RC	507638.08	7698016.63	31.89	-60.07	212.11	342.00
ARC373	RC	507654.45	7698049.98	31.84	-60.28	214.10	339.00
ARC374	RC	508077.27	7697900.07	29.46	-60.00	210.00	342.00
ARC375	RC	508046.34	7697854.58	29.66	-60.00	210.00	342.00
ARC376	RC	508096.93	7697857.02	29.24	-59.93	212.50	254.00
ARC377	RC	508229.25	7697758.08	28.40	-59.35	212.97	162.00
ARC382	RC	507976.70	7697983.41	29.91	-59.61	212.18	342.00
ARC385	RC	507931.98	7697908.71	30.39	-61.34	208.98	342.00
ARC405	RC	507924.69	7697802.17	30.25	-59.90	129.21	162.00
ARC407	RC	508648.40	7697767.47	26.54	-69.39	210.07	210.00

Hole ID	From (m)	To (m)	Metres	Cu %	Ni %	Au g/t	Ag g/t
GLRC001	103	107	4	0.42	0.3	-	1.8
LFRC001	14	15	1	-	-	2.4	-
LFRC001	160	163	3	2.16	-	1.22	16.1
LFRC002	67	76	9	2.7	-	0.2	16.3
LFRC003	33	34	1	4.6	-	2.2	27
LFRC004	79	82	3	1	-	-	6
LFRC004	32	33	1	-	-	3.4	-

Hole ID	GDA mN	GDA mE	RL (m)	Dip	Azimuth	EOH (m)
GLRC001	7698035	507700	33	-60	180	150
LFRC001	7696878	507493	38	-60	135	198

Hole ID	GDA mN	GDA mE	RL (m)	Dip	Azimuth	EOH (m)
LFRC002	7696909	507618	39	-60	135	92
LFRC003	7696903	507693	36	-60	135	116
LFRC004	7696883	507577	37	-60	135	100

**ASX announcements referred to in this release;**

6/12/2021- Artemis Resources, New Regional discovery – High grade Copper, Gold and Silver Intersected at Chapman Prospect

13/09/2022 – Artemis Resources, Chapman Prospect – Large Copper-Nickel System Identified in Drilling and Geophysics

11/02/2016 – Artemis Resources, Copper hits of up to 4.6% confirm electro-magnetic anomalies at Carlow Castle project in WA are mineralised.

9/5/2021 – Artemis Resources, Greater Carlow Exploration Update and JORC Exploration Target for the Carlow Castle Deposit

16/09/2019 – Artemis Resources, 21 New SAM Targets and Carlow Castle West

29/10/2018 – Artemis Resources, Multiple New Cobalt Targets Defined in West Pilbara



Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling (eg 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></li> <li>• <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li>• <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li>• <i>In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘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 (eg submarine nodules) may warrant disclosure of detailed information.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Samples referred to in this report are obtained from random in-situ rock chip samples collected by Artemis Resources during field reconnaissance exercises. Rock chips containing visible gold has been selectively sampled. Sampling also undertaken across historic workings and mullocks heaps.</li> <li>• The random rock chip samples are irregularly spaced which is considered appropriate for “regional-scale” reconnaissance-level gold exploration.</li> <li>• Rock chips are random, subject to bias and often unrepresentative for the typical widths required for economic consideration. They are by nature difficult to duplicate with any acceptable form of precision or accuracy.</li> <li>• Samples were dispatched to ALS Global Laboratories in Perth for analysis.</li> <li>• Analysis included: <ul style="list-style-type: none"> <li>- Au-AA26 – Au 50g FA AA finish</li> <li>- Au-GRA22 – default overlimit method - 50g FA with Gravimetric finish; upper limit of the method 10,000ppm; ME-MS6148 element four acid digestion and ICP-MS finish.</li> <li>- Trigger default overlimit method also requested for Ag, Cu, and Zn</li> </ul> </li> <li>• Au analysis turned off for samples 24AR11-004, 24AR11-005 &amp; 24AR11-008 due to significant Au</li> </ul>

		<p>concentration which is unable to be processed in geochemical fire assay facility, likely &gt;1%</p> <ul style="list-style-type: none"> <li>Crushing and sluicing equipment was used to produce gold bar from approximately. 300kg of quartz vein material collected from Titan.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li><i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable, as no drilling was undertaken.</li> <li>No mention is made in this announcement of exploration results including drilling conducted by other companies on nearby tenements.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li><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></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable as no details on any drilling carried out by Artemis Resources are included in this announcement.</li> </ul>
Logging	<ul style="list-style-type: none"> <li><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></li> <li><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li><i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable due to the reconnaissance nature of the sampling.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> </ul>	<ul style="list-style-type: none"> <li>No sub sampling of rock chip samples has been undertaken as part of this program.</li> </ul>

	<ul style="list-style-type: none"> <li>• <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li>• <i>Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li>• <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>• <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li>• <i>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.</i></li> <li>• <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Rock chip samples were dispatched to ALS Global Laboratories in Perth for analysis using their ME_MS61L (48 elements), and Au-AA26 (1 element) for 49 elements in total.</li> <li>• The laboratory reported the use of standards and blanks as part of the analyses for QA/QC.</li> <li>• No standards or blanks were submitted by the company.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Rock chip sample and geological information is recorded in the field with co-ordinates saved from handheld GPS used in the field.</li> <li>• All rock chip samples were inspected and described by Artemis geologists in the field.</li> <li>• Field data is entered into Fulcrum App before being loaded into a database.</li> <li>• No analytical result adjustments have been applied.</li> </ul>
Location of	<ul style="list-style-type: none"> <li>• <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sample points were determined by hand held GPS which is considered appropriate for the reconnaissance nature of the sampling.</li> </ul>

data points	<ul style="list-style-type: none"> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All sample location coordinates are provided in the Geocentric Datum of Australia (GDA94 Zone 50).</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <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></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable due to the reconnaissance nature of the sampling.</li> <li>• No attempt has been made to demonstrate geological or grade continuity between sample points.</li> <li>• No sample compositing is applied to samples.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>• <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></li> <li>• <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></li> </ul>	<ul style="list-style-type: none"> <li>• Samples were collected from outcropping veins where possible, some samples were taken from historic workings and Mullock heaps where it was not practical to retrieve in situ samples. If visible gold in vein material is observed this material have been sampled</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sample security is by way of chain of custody.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• No review of the sampling techniques has been undertaken.</li> </ul>

Section 2 Reporting of Exploration Results - revised

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
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<p>Mineral tenement and land tenure status</p>	<ul style="list-style-type: none"> <li>• <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></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The project tenement covers an area of 126km<sup>2</sup> and comprises granted tenement: E47/1746</li> <li>• All Artemis Project tenures are 100% owned by Artemis Resources subsidiary company KML No 2 Pty Ltd E47/1746 &amp; E47/1797 with the exception of E47/3719 which is subject to a GreenTech Metals/Artemis Resources 51%/49% Joint Venture</li> <li>• The tenement is in good standing with DMIRS and there are no known impediments for exploration on these tenements.</li> </ul>
<p>Exploration done by other parties</p>	<ul style="list-style-type: none"> <li>• <i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Previous explorers in the region include but not limited to are Westfield Minerals, Consolidated Gold Areas, Open Pit Mining and Exploration, Legend Mining, Agip Exploration, Titan Resources and Fox Resources.</li> </ul>
<p>Geology</p>	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Surface mineralisation is consistent with structure-controlled shear zone lodes in Archean low grade metamorphic terrains. Implications for intrusion related mineralised systems is also being considered.</li> </ul>
<p>Drill hole Information</p>	<ul style="list-style-type: none"> <li>• <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> <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> </li> <li>• <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable as no drilling has been undertaken</li> </ul>

<p>Data aggregation methods</p>	<ul style="list-style-type: none"> <li>• <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i></li> <li>• <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></li> <li>• <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable as no data aggregation has been used.</li> </ul>
<p>Relationship between mineralisation widths and intercept lengths</p>	<ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li>• <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable as surface sampling is reconnaissance in nature.</li> </ul>
<p>Diagrams</p>	<ul style="list-style-type: none"> <li>• <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></li> </ul>	<ul style="list-style-type: none"> <li>• All the appropriate maps are provided in the body of this announcement.</li> </ul>
<p>Balanced reporting</p>	<ul style="list-style-type: none"> <li>• <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></li> </ul>	<ul style="list-style-type: none"> <li>• This announcement discusses the findings of recent reconnaissance sampling and associated assays.</li> </ul>
<p>Other</p>	<ul style="list-style-type: none"> <li>• <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological</i></li> </ul>	<ul style="list-style-type: none"> <li>• Previous Drilling completed by Artemis Resources, Legend Mining and Open Pit Mining</li> </ul>

<p>substantive exploration data</p>	<p><i>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>	<p>Titan Prospect</p> <ul style="list-style-type: none"> <li>Limited historic work completed including 1 drill hole by Legend Mining Ltd for a total depth of 50m (GC19). This hole is located approximately 750m NE of the recently returned positive Au rock chips and Titan high-grade vein discovery. No assay data records have been located for this historic drill hole.</li> </ul> <p>Carlow Castle Prospect</p> <ul style="list-style-type: none"> <li>Carlow Inferred Resource 704,000Au Eq @ 2.5g/t Au Eq from 8.74MT (refer to ASX announcement 13<sup>th</sup> Oct 2022 Drillhole data comprised 65,355 m, consisting of 58,261 m of RC and 7,094 m diamond holes.</li> </ul> <p>Chapman &amp; Thorpe Prospects (previously known as Good Luck and Little Fortune)</p> <p>Historical work completed by Open Pit Mining NL (between 1985 &amp; 1987) and Legend Mining NL.</p> <p>Work completed by Open Pit consisted of geological mapping, geophysical surveying (IP), and RC drilling and sampling.</p> <ul style="list-style-type: none"> <li>Work completed by Legend Mining Ltd consisted of geological mapping and further RC drilling.</li> <li>Total of 19 drill holes completed at Chapman prospect for a total 4,847.3m including 18 RC (4,673m) and 1 Diamond drill hole (174.3m) – best intercept included 10m @ 3.4% Cu &amp; 1.75g/t Au from 116m (GLC007). Results are encouraging however considered preliminary in nature</li> <li>Total of 8 RC drill holes completed at Thorpe Prospect for a total of 2,017m – best intercept included 6m @ 0.85% Cu from 20m including 3.6% Cu &amp; 2.33g/t Au from 23m (LFC007). (refer to ASX announcement 06 December 2021) Results are encouraging however considered preliminary in nature</li> </ul> <p>Lulu Prospect (previously known as Carlow West)</p> <ul style="list-style-type: none"> <li>Total of 126 RC drill holes completed at Lulu Prospect for a total of 3694m. Best intercepts include</li> </ul>
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- 2m @ 1.63 g/t Au from 34m in CWRC006
- 1m @ 4.89 g/t Au from 24m in CWRC011
- 1m @ 1.15 g/t Au from 9m in CWRC017

(refer to ASX announcement 18<sup>th</sup> September 2020).

Results are encouraging however considered preliminary in nature

SingWell – Sing 6 Prospects

- Total of 14 RC drill holes completed for a total of 376m. Best intercept included 2m @ 0.97g/t Au from 9m (SSRC007) (refer to ASX announcement 18<sup>th</sup> September 2020)

Geochemical sampling and geological mapping were completed by Artemis Resources and reported to the ASX on 5th November 2018.

Historic drilling completed by Legend Mining Ltd across Carlow Licence area (E47/1797)

- 124 drill holes for a total of 3158m, 77 drill holes with assays. Validation & compilation of historic data is ongoing.

Further work

- *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*
- Artemis Resources plans to conduct further ground reconnaissance and sampling in the short term to determine the surface extent both laterally and along strike and also the



- *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*

economic potential of the prospect. Trenching and drilling will also be undertaken if warranted.