

20 APRIL 2022 ASX/MEDIA RELEASE

## CRACOW GOLD OPERATIONS - GOLDEN PLATEAU PROJECT UPDATE

- Encouraging drill results at Golden Plateau with high-grade intersections across a majority of the deposit
- A resource definition drilling program is underway targeting remnant gold mineralisation within and below historical workings
- Assay results returned for 22 holes (35 holes completed) with gold mineralisation intersected over a 470m strike length
- Significant drill intersections include:
  - o GPS032 4.0m @ 19.4g/t Au (2.9m1)
  - o GP\$028 4.0m @ 11.1g/t Au (2.7m1)
  - o GP\$030 4.75m @ 5.4g/t Au (3.9m1)
  - o GP\$035 5.0m @ 5.0g/t Au (2.6m1)
  - o GPS047 29.4m @ 2.7g/t Au (13.3m1) including:
    - 11.4m @ 5.6g/t Au (5.2m¹)
- Targeting maiden Mineral Resource at Golden Plateau in Q1 FY23

**Established Australian copper-gold producer and explorer**, Aeris Resources Limited (ASX: AIS) (Aeris or the Company) is pleased to provide an update on resource definition drill results at the Golden Plateau deposit, located within the Company's 100% owned Cracow tenement package in southeast Queensland.

Aeris' Executive Chairman, Andre Labuschagne, said "Results from the Golden Plateau drill program are highly encouraging. High grade intersections have been recorded across a majority of the Golden Plateau mineralised system and we are targeting a maiden Mineral Resource in Q1 FY23."

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<sup>&</sup>lt;sup>1</sup> True thickness interval length.



## **Geology Summary:**

The Golden Plateau deposit is located 1km north from the Cracow mill and is situated along a regional northwest trending epithermal quartz vein structure that has been traced along a total strike length of 7km to 10km. Anomalous gold mineralisation has been traced along most of the prospective northwest trending corridor. The Golden Plateau deposit is located at a major inflection (dilational jog) along the regional structure, where it changes orientation to an east-west trend.

The Golden Plateau deposit was first mined from the 1930s through to the 1970s via underground methods. Eight underground levels were developed reaching a maximum depth of 270m below surface. From historical information a majority of mining occurred down to the number 4 level. Below this, gold production was focused on the margins of each mined level. Importantly, level development through the central sections of the accessed lodes were not mined and present a drill target for testing (Refer to Figure 1). Open pit mining followed the underground operation, focused on mining material left behind by the underground workings. The open pit was mined to 110m below surface coinciding with the number 4 underground level. Open pit mining ceased in the early 1990s. A decline was developed from the open pit with some underground production occurring through until the mid-1990s.

The Golden Plateau mine and surrounding deposits historically produced approximately 850,000 ounces Au within a prospective corridor extending 1km along strike and up to 270m below surface. Production at Golden Plateau was derived from a number of distinct high grade gold shoots ranging in size from <40koz Au through to approximately 200koz Au.

Mineralisation is hosted within an east-west trending zone of steeply dipping stacked parallel quartz lodes with multiple phases of quartz veining have been identified. A significant volume of the epithermal quartz hosted within these structures is early and is typically devoid of economic Au mineralisation. High grade Au mineralisation is interpreted to have been deposited by later phases of quartz veining and is manifest as steeply dipping shoots, localized at the intersection of the east-west trending quartz veins and later north-west to north-south trending structures.

#### Current Drill Program:

A resource definition drill program commenced in September 2021. The program was designed to test extensions to mined shoots (down plunge and along strike), test Au grades within areas of the underground development where no mining appears to have been undertaken (central portion of levels 5 to 8) and to validate the current void model. The aim of the drill program is to provide enough confidence in the geology and continuity of Au mineralisation.



Eastern Field Western Field Vein System Vein System Eastern Vein Field Historical Production ~0.85Moz Au (1930s - 1992) (2004 - present) Western Vein Field ~2.1Moz Au Discovered Golden Plateau Southern Vein Field **Cracow Processing** Plant 3 4 km

Figure 1 – Location map showing Golden Plateau deposit and Cracow processing plant.

At time of reporting 35 drill holes have been completed, via a combination of RC and diamond drill methods. Assay results have been returned for 22 drill holes.

The drill program has intersected a shallow high-grade gold shoot adjacent to historical workings from 80m below surface. Six drill holes have intersected the shoot over a 90m strike length including:

- GPS032 4.0m @ 19.4g/t Au (2.9m²)
- GPS028 4.0m @ 11.1g/t Au (2.7m²)
- GPS030 4.75m @ 5.4g/t Au (3.9m²)

<sup>&</sup>lt;sup>2</sup> True thickness interval length.

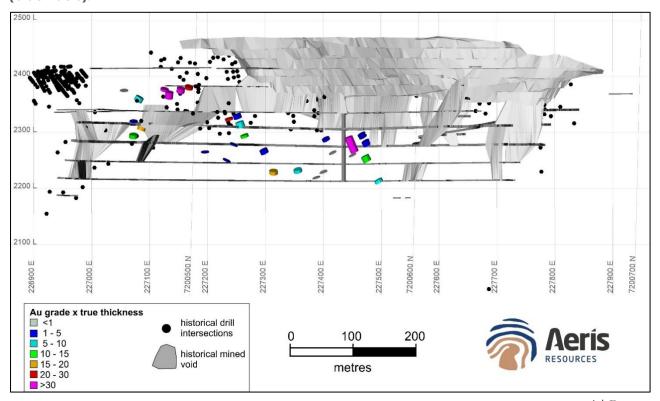


Based on historical level plans and documentation, production from the lower three mine levels was focused on the periphery of ore development drives. Negligible production was recorded from the majority of ore drive development, leaving a significant target for drill testing (200 - 600m strike length x 60 - 100m down plunge). An initial 14 drill holes have been completed through this area confirming a lack of stoping between the levels. Assay results returned from the drill program reported variable grade intersections, reflective of proximity to the cross cutting structures controlling high grade shoot development. Assay results included:

- GPS047 29.4m @ 2.7g/t Au (13.3m<sup>2</sup>) including:
  - 11.4m @ 5.6 g/t Au (3.7m<sup>2</sup>)
- GPS046
   7.0m @ 3.9 g/t Au (4.0m²) including:
  - 5.0m @ 5.1g/t Au (2.9m<sup>2</sup>)
- GPS035 5.0m @ 5.0 g/t Au (2.6m<sup>2</sup>)

Resource definition drilling is continuing at Golden Plateau with drill holes expected to test extensions beyond historical mined fronts on parallel lodes, cross cutting lodes and extensions along strike. At the completion of the drill program the data will be used to generate a maiden Mineral Resource estimate for the Golden Plateau deposit.

Figure 2 – Oblique view looking northeast showing drill hole intersections from the current drill program (coloured discs), historical workings (grey wireframes) and historical drill hole intersections (black dots).





## **Moving Forward**

Drill results from the Golden Plateau drill program are highly encouraging. High grade intersections have been recorded across a majority of the Golden Plateau mineralised system. Resource definition drilling is currently testing parallel lodes, cross cutting lodes and extensions to previously mined high grade shoots.

The drill data from the completed drill program will be used to inform a maiden Mineral Resource estimate for the Golden Plateau deposit, targeted for Q1 FY23.

Based on the drilling data and reviewing historical mining records there remains significant potential to define mineralisation for conversion to a Mineral Resource.

# This announcement is authorised for lodgement by:

Andre Labuschagne Executive Chairman

#### **FNDS**

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#### **About Aeris**

Aeris Resources Limited (ASX: AIS) is a diversified mining and exploration company headquartered in Brisbane. The Company has a growing portfolio of copper and gold operations, development projects and exploration prospects. Aeris has a clear vision to become a mid-tier mining company with a focus on gold and base metals, delivering shareholder value.

Aeris' Board and management team bring decades of corporate and technical expertise in a lean corporate structure. Its leadership has a shared, and highly disciplined focus on operational excellence, and an enduring commitment to building strong partnerships with the Company's workforces and key stakeholders.



#### **Previous Information**

The information in this announcement that relates to previously reported exploration results for the Golden Plateau deposit is extracted from ASX announcements all of which are available on the company's website at <a href="https://www.aerisresources.com.au">www.aerisresources.com.au</a>. The company confirms that it is not aware of any new information or data that materially affects the exploration results included in the relevant original market announcements. The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.

## **Competent Persons Statement**

Mr Cox confirms that he is the Competent Person for all Exploration Results summarised in this Report and he has read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 Edition). Mr Cox is a Competent Person as defined by the JORC Code, 2012 Edition, having relevant experience to the style of mineralisation and type of deposit described in the Report and to the activity for which he is accepting responsibility. Mr Cox is a Member of the Australasian Institute of Mining and Metallurgy (MAuslMM No. 220544). Mr Cox has reviewed the Report to which this Consent Statement applies and consents to the inclusion in the Report of the matters based on his information in the form and context in which it appears. Mr Cox is a full time employee of Aeris Resources Limited.

Mr Cox has disclosed to the reporting company the full nature of the relationship between himself and the company, including any issue that could be perceived by investors as a conflict of interest. Specifically, Mr Cox is entitled to 2,578,921 Performance Rights issued under the Company's equity incentive plan (details of which were contained in the Notice of Annual General Meeting dated 20 October 2020). The vesting of these Performance Rights is subject to certain performance and employment criteria being met.

#### APPENDIX A:

Table 1 – Drill hole collar and survey details

Hole ID	Easting <sup>1</sup> (m)	Northing <sup>1</sup> (m)	RL (m)	Dip	Azimuth <sup>2</sup>	Total Depth (m)	Туре	Comment
GPS024	227,056.2	7,200,469.5	447.9	-75°	349°	126	RC	Drilled to target depth
GPS025	227,053.8	7,200,468.1	447.6	-65°	346°	120	RC	Drilled to target depth
GPS026	227,363.5	7,200,570.4	470.5	-58°	46°	232	RC	Drilled to target depth
GPS027	227,318.5	7,200,560.3	466.0	-56⁰	34°	283	RC	Drilled to target depth
GPS028	227,170.1	7,200,603.8	468.4	-70°	38°	192	RC	Drilled to target depth
GPS029	227,166.2	7,200,581.5	467.4	-70°	156°	226	RC	Drilled to target depth
GPS030	227,159.2	7,200,605.7	467.9	-68°	321°	152.6	RC/DD	Drilled to target depth
GPS031	227,312.4	7,200,557.7	466.2	-65°	286°	357.8	RC/DD	Drilled to target depth
GPS032	227,117.2	7,200,592.1	463.9	-69°	320°	150	RC	Drilled to target depth
GPS033	227,116.4	7,200,587.9	463.8	-55⁰	252°	198	RC	Drilled to target depth



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GPS034	227,114.1	7,200,589.6	463.9	-60°	281°	143.9	RC/DD	Drilled to target depth
GP\$035	227,173.3	7,200,601.9	468.5	-55°	52°	247	RC	Drilled to target depth
GP\$036	227,365.2	7,200,568.6	469.7	-60°	56°	301	RC	Drilled to target depth
GP\$037	227,339.7	7,200,560.0	465.8	-60°	44°	295	RC	Drilled to target depth
GP\$038	227,293.1	7,200,567.9	466.2	-59°	26°	301	RC	Drilled to target depth
GPS039	227,291.3	7,200,568.5	466.2	-68°	14°	265	RC	Drilled to target depth
GPS040	227,183.0	7,200,591.5	468.7	-65°	43°	168	RC	Drilled to target depth
GPS041	227,184.4	7,200,593.0	468.9	-75°	43°	271	RC	Drilled to target depth
GPS042	227,066.3	7,200,510.4	452.9	-65°	348°	187	RC	Drilled to target depth
GPS043	227,532.0	7,200,493.0	482.0	-58°	348°	11	RC	Abandoned
GPS044	227,573.3	7,200,469.9	476.6	-56°	308°	199	RC	Abandoned
GP\$045	227,311.2	7,200,556.2	466.1	-60°	20°	300.7	Diamond	Drilled to target depth
GPS046	227,305.8	7,200,557.0	466.1	-63°	343°	284.1	Diamond	Drilled to target depth
GPS047	227,365.6	7,200,565.9	469.4	-64º	48°	351.7	Diamond	Drilled to target depth
GPS048	227,176.0	7,200,591.9	468.2	-75°	20°	183.8	Diamond	Drilled to target depth
GPS049	227,122.1	7,200,590.0	464.0	-72°	361°	150.8	Diamond	Drilled to target depth
GP\$050	227,345.0	7,200,875.0	478.7	-57°	203°	270.7	Diamond	Drilled to target depth
GP\$051	227,345.0	7,200,875.0	478.7	-56⁰	1 <i>77</i> °	180.7	Diamond	Drilled to target depth
GP\$052	227,341.4	7,200,880.6	478.7	-55⁰	153°	272.1	Diamond	Drilled to target depth
GP\$053	227,341.3	7,200,880.9	478.6	-55⁰	164°	201.3	Diamond	Drilled to target depth
GPS054	227,520.0	7,200,834.0	489.0	-55⁰	164°	270.6	Diamond	Drilled to target depth
GP\$055	227,515.0	7,200,840.0	489.0	-55⁰	203°	189.7	Diamond	Drilled to target depth
GP\$056	227,530.0	7,200,489.0	481.0	-67°	348°	183.5	Diamond	Abandoned
GP\$057	227,530.0	7,200,489.0	481.0	-67°	345°	414.8	Diamond	Drilled to target depth
GP\$058	227,119.0	7,200,585.0	463.0	-60°	292°	180.3	Diamond	Drilled to target depth
GP\$059	227,121.0	7,200,586.0	463.0	-67°	306°	156.7	Diamond	Drilled to target depth
GP\$060	227,121.0	7,200,586.0	463.0	-55⁰	337°	24	Diamond	Abandoned
GPS061	227,121.0	7,200,586.0	463.0	-55⁰	337°	135.1	Diamond	Drilled to target depth

Easting and northing in MGA94 grid.
 Azimuth is recorded as a magnetic azimuth reading.



Table 2 – Summary of significant intersections from drill holes disclosed in this report. Assay intervals have been reported at a 0.5g/t Au Cu cut-off grade with a maximum of 2.0m of internal dilution.

Hole ID	From (m)	To (m)	Length (m)	True width (m)	Au (g/t)
GPS025	79	80	1	0.2	0.5
GPS026	207	210	3	1.6	2.5
GPS026	212	215	3	1.6	1.3
GPS026	222	231	9	4.7	0.5
GPS027	207	211	4	2.2	2.2
GPS027	237	238	1	0.6	1.3
GPS028	143	150	7	5	1.6
GPS028	151	155	4	2.7	11.1
GPS029	209	211	2	0.5	3.1
GPS030	96.85	101.6	4.75	3.9	5.4
GPS031	206	208	2	0.9	2.5
GPS031	238	240	2	0.9	2.6
GPS032	94	98	4	2.9	19.4
GPS032	98	102	4	2.9	2.1
GPS032	105	107	2	1.5	1.0
GPS033	164	170	6	4.8	3.6
GPS033	175	183	8	6.5	0.8
GPS034	120	129	9	3.3	2.4
GPS035	149	157	8	4	0.7
GPS035	163	173	10	6.5	1.3
GPS035	178	185	7	3.8	2.1
GPS035	188	193	5	2.6	5.0
GPS035	211	212	1	0.6	1.5
GPS036	239	250	11	6	1.8
GPS036	288	294	6	3.3	2.9
GPS037	245	246	1	0.6	0.6
GPS038	240	241	1	0.6	0.6
GPS038	248	253	5	2.6	0.2
GPS038	276	277	1	0.6	1.6
GPS039	241	248	7	4.7	0.2
GPS039	253	257	4	2.6	2.1
GPS039	258	264	6	4.1	2.2
GPS041	225	233	8	2.3	0.8
GPS042	141	143	2	1.7	1.9
GPS042	166	173	7	5.6	2.6
GPS045	272.4	273.5	1.1	0.7	0.6
GPS046	259	266	7	4	3.9
GPS047	197	226.4	29.4	13.3	2.7



# **APPENDIX B:**

JORC Code, 2012 Edition – Table 1 Section 1 Sampling Techniques and Data Golden Plateau drill program

Golden Plateau dr Criteria	Commentary
Criteria Sampling techniques	<ol> <li>All samples are collected from reverse circulation (RC) drilling.</li> <li>All samples are collected at 1m intervals directly off the cyclone splitter. Field duplicates are selected from within target mineralised zone and are taken from the cyclone splitter.</li> <li>Industry prepared standards are used at a frequency rate of 1:20.</li> <li>Samples are sent to an independent and accredited laboratory (ALS). Samples less than 3kg are pulverised to a nominal 85% passing 75 microns. If sample weights exceed 3kg they are split via a rotary splitter and an approximate 3kg sub sample retained and pulverised. After pulverisation a 50g sample is collected for fire assay.</li> <li>The sample size and sample preparation techniques are considered appropriate for the style of mineralisation.</li> </ol>
	<ol> <li>All samples are collected from diamond drill core.</li> <li>Samples are taken across intervals with visible quartz vein textures and mineral assemblages appropriate to this style of mineralisation</li> <li>Samples are collected between 0.4m to 1.2m in length. Sample lengths take into consideration geology.</li> <li>HQ3 diameter core is cut in half with one half collected for sampling. NQ2 diameter core is whole core sampled.</li> </ol>
Drilling techniques	<ol> <li>RC Program</li> <li>Drilling results are reported from RC samples.</li> <li>RC drilling is completed using a 5 ½ inch diameter drill bit.</li> <li>Diamond Program</li> <li>Drilling results reported are reported via diamond drill core. The drill holes were designed as HQ3 pre-collars and NQ2 tails. Most mineralised intervals were NQ2 diameter. Three holes drilled for Geotechnical purposes were HQ3 entirely.</li> </ol>
Drill sample recovery	<ol> <li>Sample recoveries from the RC drill program are on average greater than 90%. An assessment of recovery is made at the drill rig during drilling and is determined via visual observations of sample return to the cyclone.</li> <li>No significant amounts of Water have been intersected. Sample Condition - Dry, Damp and Wet - was recorded for each interval.</li> <li>No sample bias or contamination was observed.</li> </ol>



Criteria	Commentary
	Diamond Program
	<ol> <li>Core recoveries are recorded by the drillers on site at the drill rig. Core recoveries are checked and verified by an Aeris Resources field technician and/or geologist.</li> <li>Diamond drill core is pieced together as part of the core orientation process. During this process depth intervals are recorded on the core and checked against downhole depths recorded by drillers on core blocks within the core trays.</li> <li>Core recoveries are very high within and outside zones of mineralisation across each of the known deposits. All drill holes completed at the Golden Plateau deposit report good core recoveries through the mineralised horizon. Drilling of the West Lode has revealed several cavities that are interpreted as subsidence cavities propagating from historically mined areas beneath the drill traces.</li> </ol>
Logging	<ol> <li>All RC chips and diamond drill core are logged by an Aeris Resources geologist or a fully trained contract geologist under Aeris supervision. Diamond core and RC chips are logged to an appropriate level of detail to increase the level of geological knowledge and increase the geological understanding at the Constellation deposit.</li> </ol>
	RC Program
	<ol> <li>Each 1m sample interval is geologically logged, recording lithology, presence/concentration of sulphides and alteration.</li> <li>All geological data recorded during the logging process is stored in Aeris Resources' Datashed database.</li> <li>Chip trays are stored onsite in a secure facility.</li> </ol>
	Diamond Program
	<ol> <li>All diamond core is geologically logged, recording lithology, percentage/ texture of veining, alteration, and structure.</li> <li>All geological data recorded during the core logging process is stored in Aeris Resources' Datashed database.</li> <li>All diamond drill core is photographed and digitally stored on the Company network.</li> <li>Core is stored in core trays and labelled with downhole meterage intervals and drill hole ID.</li> </ol>
Sub-sampling	RC Program
techniques and sample preparation	<ol> <li>All samples are collected in a consistent manner. 1m samples are collected from the cyclone splitter.</li> <li>Field duplicates have been collected from within target mineralisation only.</li> <li>Standards are inserted at a frequency rate of 1:20.</li> <li>The sample size is considered appropriate for the style of mineralisation and grain size of the material being sampled.</li> </ol>
	Diamond Program
	HQ3 Samples are cut via an automatic core saw, and half core samples are collected between sample lengths from 0.4m and a maximum length of 1.2m. NQ2 Samples are wholly sampled.



Criteria	Commentary
	<ol> <li>No field duplicates have been collected.</li> <li>The sample size is considered appropriate for the style of mineralisation and grain size of the material being sampled.</li> </ol>
Quality of assay data and laboratory tests	<ol> <li>RC Program</li> <li>All samples have been sent to ALS Laboratory Services (ALS) at their Brisbane facility for sample preparation. Samples are split via a riffle splitter. A ~3kg sub sample is collected and pulverised to a nominal 85% passing 75 microns.</li> <li>Samples are assayed for Au and Ag. Au assaying is via a 50g fire assay charge (Au-AA26) using an AAS finish. Ag assaying is via an aqua regia digest using a 0.5g sample.</li> <li>QA/QC protocols include the use of blanks, duplicates, and standards (commercial certified reference materials used). The frequency rate for each QA/QC sample type is 5%.</li> <li>Diamond Program</li> </ol>
	<ol> <li>All samples have been sent to ALS Laboratory Services at their Brisbane facility. Core is crushed and riffle split to produce sub-3kg samples. 3kg sub-sample is then pulverised to 85% passing 75 microns.</li> <li>Samples are assayed for Au and Ag. Au assaying is via a 50g fire assay charge (Au-AA26) using an AAS finish. Ag assaying is via an aqua regia digest using a 0.5g sample.</li> <li>QA/QC protocols include the use of blanks, duplicates, and standards (commercial certified reference materials used). The frequency rate for each QA/QC sample type is 5%.</li> </ol>
Verification of sampling and assaying	<ol> <li>RC and Diamond Programs</li> <li>Logged drillholes are reviewed by the logging geologist and a senior geologist. All geological data is logged directly into Aeris Resources' logging computers following the standard Aeris Resources geology codes. Data is transferred to the Datashed database and validated on entry.</li> <li>Upon receipt of the assay data no adjustments are made to the assay values.</li> </ol>
Location of data points	<ol> <li>RC and Diamond Programs</li> <li>Drillhole collar locations are surveyed via a qualified surveyor. Collar positions were surveyed using a differential GPS (DGPS).</li> <li>All drillhole locations are referenced in MGA94 Grid.</li> <li>Quality and accuracy of the drill collars are suitable for exploration results.</li> <li>Downhole surveys taken during drilling are completed by the drill contractor. Surveys are taken at 18m and 30m down hole and at 30m intervals thereafter.</li> </ol>
Data spacing and distribution	RC Program  1. RC drilling completed at the Golden Plateau deposit was designed initially on a nominal 40m x 40m drill pattern. Drill holes within the West Lode were designed at a nominal 20m x 20m spacing.



Criteria	Commentary
	<ol> <li>The drill holes have been designed to test for mineralisation in proximity to historic development and stoping and focused on generating clear geological models for further drill testing.</li> </ol>
	Diamond Program
	<ol> <li>Drilling completed at the Golden Plateau West Lode deposit is designed on a nominal 20m x 20m drill pattern at shallow (50-150m) depth. The Main Lode drilling is designed on a nominal 40m x 40m spacing to inform potential for depth extension (150-250m).</li> <li>The drill holes have been designed to test for mineralisation in proximity to high grade historic channel samples and to generate an informed structural framework for resource estimation.</li> </ol>
Orientation of	RC and Diamond Programs
data in relation to geological structure	<ol> <li>All drillholes are designed to intersect the target at the most perpendicular angle possible. However, the limited drill locations available does mean that for some drill holes the intersection angle to mineralisation is more acute.</li> <li>The majority of drill holes completed have not deviated significantly from the planned drillhole path.</li> <li>Drillhole intersections through the target zone(s) are not biased.</li> </ol>
Sample security	RC and Diamond Programs
	<ol> <li>Drill holes sampled are not sampled in their entirety.</li> <li>Sample security protocols follow current procedures which include samples are secured within calico bags and transported to the laboratory in Brisbane, QLD via a courier service.</li> </ol>
Audits or reviews	RC and Diamond Programs
	<ol> <li>Data is validated when uploading into the Company's Datashed database.</li> <li>No formal audit has been conducted.</li> </ol>

# Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	<ol> <li>The Cracow Operation is located immediately west of the Cracow township in central Queensland. The Cracow Operation Exploration and Mining Tenement package comprises 3 EPMs and 18 MLs covered a combined area of approximately 889km².</li> <li>The Cracow Operation Exploration and Mining tenements are wholly owned by Aeris Resources wholly owned subsidiary, Lion Mining Pty Ltd.</li> <li>The drill program reported in this announcement are located at the Golden Plateau deposit. The Golden Plateau deposit is located within ML3227. ML3227 is in good standing and no known impediments exist.</li> </ol>
Exploration done by other parties	<ol> <li>The Cracow Goldfields were discovered in 1932, with the identification of mineralisation at Dawn then Golden Plateau in the eastern portion of the field. From 1932 to 1992, mining of Golden Plateau and associated trends produced approximately 850koz of Au metal.</li> </ol>



Criteria	Commentary
	<ul> <li>Exploration across the fields and nearby regions was completed by several identities including BP Minerals Australia, Australian Gold Resources Ltd, ACM Operations Pty Ltd, Sedimentary Holdings NL and Zapopan NL.</li> <li>In 1995, Newcrest Mining Ltd (NML) entered into a 70 % share of the Cracow Joint Venture. Initially exploration was targeting porphyry type mineralisation, focusing on the large areas of alteration at Fernyside and Myles Corridor. This focus shifted to epithermal exploration of the western portion of the field, after the discovery of the Vera mineralisation at Pajingo, which shared similarities with Cracow. The Royal epithermal mineralisation was discovered in 1998, with further discoveries of Crown, Sovereign, Empire, Phoenix, Kilkenny and Tipperary made from 1998 up to 2008</li> <li>Evolution was formed from the divestment of Newcrest assets (including Cracow) and the merging of Conquest and Catalpa in 2012. Evolution continued exploration at Cracow from 2012 to early 2020.</li> <li>Aeris Resources purchased the Cracow Operation (including the exploration and mining tenements) in July 2020.</li> </ul>
Geology	<ol> <li>The Cracow project area gold deposits are in the Lower Permian Camboon Andesite on the south-eastern flank of the Bowen Basin. The regional strike is north-northwest and the dip 20° west-southwest. The Camboon Andesite consists of andesitic and basaltic lava, with agglomerate, tuff and some inter-bedded trachytic volcanics. The andesitic lavas are typically porphyritic, with phenocrysts of plagioclase feldspar (oligoclase or andesine) and less commonly augite. To the west, the Camboon Andesite is overlain with an interpreted disconformity by fossiliferous limestone of the Buffel Formation. It is unconformably underlain to the east by the Torsdale Beds, which consist of rhyolitic and dacitic lavas and pyroclastics with inter-bedded trachytic and andesitic volcanics, sandstone, siltstone, and conglomerate.</li> <li>Mineralisation is hosted in steeply dipping low sulphidation epithermal veins. These veins found as discrete and as stockwork and are composed of quartz, carbonate and adularia, with varying percentages of each mineral. Vein textures include banding (colloform, crustiform, cockade, moss), breccia channels and massive quartz, and indicate depth within the epithermal system. Sulphide percentage in the veins are generally low (&lt;3%) primarily composed of pyrite, with minor occurrences of hessite, sphalerite and galena. Rare chalcopyrite, arsenopyrite and bornite can also be found.</li> <li>Alteration of the country rock can be extensive and zone from the central veined structure. This alteration consists of silicification, phyllic alteration (silica, sericite and other clay minerals) and argillic alteration in the inner zone, grading outwards to potassic (adularia) then an outer propylitic zone. Gold is very fined grained and found predominantly as electrum but less common within clots of pyrite.</li> </ol>
Drillhole information	All relevant information pertaining to each drillhole has been provided.
Data aggregation	<ol> <li>Reported assay results from the 2021 RC drill program represent length weighted composite gold assays. Compositing was applied to</li> </ol>



Criteria	Commentary
methods	<ul> <li>intervals which nominally exceed 0.2g/t Au. Reported intervals must be a minimum length of 2m and can include a maximum of 2m grading less than 0.2 g/t Au.</li> <li>2. Reported assay results from the 2022 Diamond drill program represent length weighted composite gold assays. Compositing was applied to intervals which nominally exceed 1.0g/t Au. Reported intervals must be a minimum length of 1.0m and can include a maximum of 2m grading less than less than 1.0g/t Au</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ol> <li>Drillholes have been designed to intersect the mineralised structure at or near right angles. When designing the drill program consideration of appropriate drill pad locations and minimising land disturbance has impacted the ability for some drillholes to intersect the mineralised structure at right angles.</li> <li>As a generalisation a majority of the drillhole intersections through the mineralised structure at an acute angle (~30-60°).</li> <li>Care has been taken to report the true thickness of the reported significant intersections.</li> </ol>
Diagrams	Relevant diagrams are included in the body of the report.
Balanced reporting	<ol> <li>The reporting is considered balanced, and all material information associated with the drill results has been disclosed.</li> </ol>
Other substantive exploration data	<ol> <li>There is no other relevant substantive exploration data to report.</li> </ol>
Further work	<ol> <li>Assay results from the Golden Plateau drill program will be used to update the geological model. Once complete the geological model will be used enable the reporting of a maiden Mineral Resource estimate.</li> </ol>