

04 July 2023

**ASX Announcement**

**WET COMMISSIONING COMMENCES AT KAT GAP PROCESSING PLANT**

Highlights

- Industrial Power Solutions Pty Ltd (IPS) commences **Wet commissioning** at KAT GAP Processing Plant.
- **Processing of ore in early July 2023.**
- Design expansion work continues for Stage 2 of Kat Gap Gold Project.

PERTH, AUSTRALIA – 04 July 2023 – Classic Minerals Ltd (CLZ) announces that **Wet commissioning of the processing plant at its Kat Gap gold project has commenced.** The Company will use part of the bulk sample ore for completing this wet commissioning phase, and ongoing calibration required for efficient and automated throughput, before processing the balance through the gravity circuit.



**Figure 1 – Hopper at Crushing Circuit being loaded at Kat Gap.**

The Company's Stage 1 plant consists of a standalone crushing facility, fed into a 1.5-micron trommel for screening, then recirculating through a ball milling operation to achieve optimum screening size. **The gravity extraction and separation process will utilise the hydro-cyclone Gekko equipment to produce concentrate ready for gold recovery.** Concentrate cleaning will be undertaken using a single Wilfley table separator with a capacity of 1.20 tonnes per day; generating a smeltable gold **concentrate**.

The projects Stage 1 processing facility has a throughput of up to **100,000 tonnes per annum**.

Industrial Power Solutions (IPS) are overseeing the wet commissioning process which is currently being completed by an automation and controls business Consolidated Electrical Solutions Pty Ltd (Coelect). **This includes a new CitectSCADA package for data acquisition and local operator control.** The commissioning process will include automated sequence testing & instrument calibrations to allow for the required throughput.

Classic will take the opportunity during wet commissioning to log recovery data which will be used to **further progress the design work for the Stage 2 expansion** of the process plant. During Stage 2 the company will look to introduce a CIL circuit and upscale the milling to achieve a **throughput of up to 200,000 tonnes per annum**.



**Figure 2 –Processing plant with Ore stockpile at Kat Gap.**

IPS will be leading the process design and construction package for Kat Gap Stage 2 expansion and will assist the company in developing an Engineering and Construction plan for the expansion of the processing plant, which will include increased Power Generation and Power Distribution infrastructure, Instrumentation and Software development. The Company will use bespoke software upgrades to implement all additional equipment and automate the processing plant with minimal interruptions to the existing process.

CLZ will continue its civil works study for Stage 2 expansion of the Kat Gap Project. This includes the processing ROM, increased water supply and storage facilities, development of additional access roads, workshops, administration buildings, and tailings storage.

IPS is a Western Australian based design engineering company that specializes in process engineering, electrical instrumentation, project management, HAZOP studies, project implementation, commissioning, operator training and operational support.

Further to the announcement of 27 June 2023, Classic has completed the drilling of a second water bore which is producing significantly more water than the first bore. The two bores are now active and will be engaged to supply the required amounts of water for the processing plant and other operational and developmental needs of Classic Minerals.<sup>1</sup>



**Figure 3 –Crushing Circuit, Processing plant and Tailings Dam at Kat Gap.**

<sup>1</sup> ASX Announcements of 27 June 23, 30 June 22 and 04 April 22.

## About Classic Minerals Ltd

Expanding its focus from exploration to mining, West Australian-based, minerals house Classic Minerals Ltd holds a pipeline of projects and continues to examine new opportunities both cyclic and counter-cyclic. Currently, ASX-listed Classic holds approximately 578 km<sup>2</sup> of tenements across two major regional exploration areas in minerals-rich West Australia. Classic's ground is in areas with identified high grade gold and base metal targets. Classic's flagship Kat Gap Gold Project has been the recent focus of its exploration, mining and processing efforts and is strategically located some 170 km south of Southern Cross and some 50 km south of the Company's Forrestania Gold Project. With strong grades and near-surface mineralisation Kat Gap is soon to attain full scale production.

**This announcement has been approved by the Board.**

**ENDS:**

## ABOUT THE FORRESTANIA GOLD PROJECT

The FGP Tenements (excluding Kat Gap) are registered in the name of Reed Exploration Pty Ltd, a wholly owned subsidiary of ASX listed Hannans Ltd (ASX: HNR). Classic has acquired 80% of the gold rights on the FGP Tenements from a third party, whilst Hannans has maintained its 20% interest in the gold rights. For the avoidance of doubt Classic Ltd owns a 100% interest in the gold rights on the Kat Gap Tenements and also non-gold rights including but not limited to nickel and lithium.

Classic has inferred and indicated mineral resources of **8.41Mt at 1.45 g/t for 391,417 ounces of gold**, classified and reported in accordance with the JORC Code (2012), with a recent Scoping Study (see ASX Announcement released 2nd May 2017) suggesting both the technical and financial viability of the project. The current post- mining Mineral Resource for Lady Ada, Lady Magdalene and Kat Gap is tabulated below. Additional technical detail on the Mineral Resource estimation is provided, further in the text below and in the JORC Table 1 as attached to ASX announcements dated 18 December 2019, 21 January 2020, and 20 April 2020.

Prospect	Indicated			Inferred			Total		
	Tonnes	Grade (Au g/t)	Oz Au	Tonnes	Grade (Au g/t)	Oz Au	Tonnes	Grade (Au g/t)	Oz Au
Lady Ada	257,300	2.01	16,600	1,090,800	1.23	43,100	1,348,100	1.38	59,700
Lady Magdalene				5,922,700	1.32	251,350	5,922,700	1.32	251,350
Kat Gap	254,900	2.5	20,488	886,512	2.11	60,139	1,141,412	2.19	80,367
<b>Total</b>	<b>512,200</b>	<b>2.25</b>	<b>37,088</b>	<b>7,900,012</b>	<b>1.40</b>	<b>354,589</b>	<b>8,412,212</b>	<b>1.45</b>	<b>391,417</b>

Notes:

- The Mineral Resource is classified in accordance with JORC, 2012 edition
- The effective date of the mineral resource estimate is 14 June 2023.
- The mineral resource is contained within FGP tenements.
- Estimates are rounded to reflect the level of confidence in these resources at the present time.
- Mineral resources for Lady Ada and Lady Magdalene (Ladies) are reported at 0.5 g/t Au cut-off grade, Kat Gap at 0g/t Au.
- Depletion of the resource from historic open pit mining has been considered for the Ladies deposits. Trial pit mining depletion at Kat Gap has not been accounted for in the block model due to the ore remaining unprocessed.

*The Company confirms that it is not aware of any new information or data that materially affects the information included in this market announcement and, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.*

**Forward Looking Statements - Disclaimer**

*This ASX announcement (Announcement) has been prepared by Classic Minerals Limited (“Classic” or “the Company”). It should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this Announcement.*

*This Announcement contains summary information about Classic, its subsidiaries and their activities which is current as at the date of this Announcement. The information in this Announcement is of a general nature and does not purport to be complete nor does it contain all the information which a prospective investor may require in evaluating a possible investment in Classic.*

*By its very nature exploration for minerals is a high-risk business and is not suitable for certain investors. Classic’s securities are speculative. Potential investors should consult their stockbroker or financial advisor. There are a number of risks, both specific to Classic and of a general nature which may affect the future operating and financial performance of Classic and the value of an investment in Classic including but not limited to economic conditions, stock market fluctuations, gold price movements, regional infrastructure constraints, timing of approvals from relevant authorities, regulatory risks, operational risks and reliance on key personnel.*

*Certain statements contained in this announcement, including information as to the future financial or operating performance of Classic and its projects, are forward-looking statements that:*

- *may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;*
- *are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Classic, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and,*
- *involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.*

*Classic disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words ‘believe’, ‘expect’, ‘anticipate’, ‘indicate’, ‘contemplate’, ‘target’, ‘plan’, ‘intends’, ‘continue’, ‘budget’, ‘estimate’, ‘may’, ‘will’, ‘schedule’ and similar expressions identify forward-looking statements.*

*All forward-looking statements made in this announcement are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. No verification: Although all reasonable care has been undertaken to ensure that the facts and opinions given in this Announcement are accurate, the information provided in this Announcement has not been independently verified.*