

Introducing Classic Minerals Flagship Kat Gap-Gold Project

# A NEW GENERATION GOLD MINE

## About Classic Minerals and Kat Gap tenement



Gold Pan with gold/quartz.

**C**lassic Minerals Ltd (ASX: CLZ) is an Australian-based, ASX-listed exploration company. The Company holds approximately 578km<sup>2</sup> of tenements across two major Western Australian regional exploration areas identified as having high-grade gold and base metal targets.

Classic has made very significant high-grade gold intersections major discovery at the 100% owned Kat Gap tenements about 50km to the South East of the company's Forrestania Gold project. Classic has upgraded the potential of Kat Gap and is making it the main focus of its exploration and the Flagship Company project.

Classic Minerals owns a 100% interest in the gold rights on the Kat Gap Tenements and also non-gold rights including, but not limited to, nickel, lithium and other metals. The Classic Minerals Mining Lease is initially valid for 21 years from 22 April 2021 to 22 April 2042. The current post-mining Mineral Resource for 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) | Ounces Au     | Tonnes           | Grade (Au g/t) | Ounces Au      | Tonnes           | Grade (Au)  | Ounces         |
| Lady Ada       | 257        | 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        |            |                |               | 975,722          | 2.96           | 92,856         | 975,722          | 2.96        | 92,856         |
| <b>Total</b>   | <b>257</b> | <b>2.01</b>    | <b>16,600</b> | <b>7,989,222</b> | <b>1.50</b>    | <b>387,306</b> | <b>8,246,522</b> | <b>1.52</b> | <b>403,906</b> |

## Kat Gap Gold project green lights Flagship GEKKO Processing Plant

Classic Minerals prepares Gekko gravity concentration processing plant with 30tph capacity



Engineer with vertical screening hose pipe.

**C**lassic Minerals is now focused on preparing Kat Gap Gold Project for production.

Future on-site processing at Kat Gap gold deposit is now made possible with the purchase of the Gekko gravity concentration processing plant with 30tph of capacity. Gekko is a world leader in the manufacture of gold processing plant and machinery, with its plants boasting small footprints and low environmental impact. Modular design also allows the plant to be scalable and gives Classic Minerals the flexibility to increase throughput. The Gekko plant is ideally suited to the Kat Gap ore which has a very unique high level of gravity gold concentration. The plant has a 30tph capacity and is mobile scalable to a Gekko Python plant with a processing capacity of 250tph.

## About the Kat Gap Gold Mineralisation Resource

### Kat Gap metallurgical studies demonstrate outstanding recoveries

**C**lassic Minerals has completed its preliminary metallurgical test-work program on drill samples collected from drilling at Kat Gap.

The test-work was conducted by the metallurgical laboratory Nagrom, located in Kelmscott, WA with conventional gravity separation processes delivering up to 75% gold recovery from the oxide samples with the conventional cyanide leach process provided 95-96% recovery from both fresh and oxide samples.

Tests completed indicate the majority of the gold could be recovered by traditional gravity separation techniques and with the mineralisation located from near surface, this has the potential to provide a very low processing cost option for material.

These results indicate Classic has the

potential for early revenue generation through either toll treatment or self-processing of the material from Kat Gap as Classic can then control all mining and processing costs.

The samples tested from the Kat Gap deposit have been identified through geotechnical processes as oxide and low sulphide, free milling material. Results are provided in the below tables.

- Met Samples 1-3 gravity test-work.
- Oxide and Fresh cyanidation test-work.

| Classification        | Gold Recovery |
|-----------------------|---------------|
| Free Milling          | More than 95% |
| Mildly refractory     | 80-95%        |
| Moderately refractory | 50-80%        |
| Highly refractory     | Less than 50% |

## Metallurgical testing highlights

- Conventional gravity test-work has yielded exceptional recoveries of ~75% with leach recoveries from the concentrate above 95% indicating acceptable economic recoveries are possible with simple processing techniques.
- Conventional Leach test-work yielded overall recoveries of between 95-96%.
- Kat Gap gold mineralisation is present from the surface, allowing reduced mining costs due to minimal pre-strip and lower strip ratios. This, combined with the metallurgical test-work results, suggest cost-effective gold recoveries are possible with a relatively simple low cost processing facility.



*"We are fortunate, after conducting detailed research, to find that the metallurgical results confirm the ore, when processed using traditional gravity and leach processes, provide an outstanding gold recovery. Recent results (ASX announcement 9 July 2020) give great hope to the possibility of gold deposits to augment and further enhance the gold resources already determined at Kat Gap."*

Dean Goodwin, CEO Classic Minerals

# A GREAT GOLD MINE IS COMING

### Kat Gap Gold Project:

- High-grade gold
- The beginning of a large deposit
- Deposit is shallow – auger results show gold in first 30cm
- Close to infrastructure
- Drilling over 1.7km shows good gold anomaly
- Extremely high recovery from gravity circuit
- Gekko plant cost-efficient to operate and is scalable
- Low labour costs/high gold output

Be even more convinced - read all the reports and ASX Announcements for yourself now. For further info, visit:

[www.classicminerals.com.au/investor.php](http://www.classicminerals.com.au/investor.php)



Classic Minerals team in front of the Gekko Screening machine.