HIGHLIGHTS

Ulysses Gold Project, Western Australia

- Strong initial results received from recently completed resource upgrade and extensional drilling program with assays from the first 13 RC holes completed during the December Quarter including:
  - 12m @ 4.42g/t gold from 135m 17USRC130
  - 8m @ 5.16g/t gold from 109m 17USRC133
  - 4m @ 6.38g/t gold from 142m 17USRC134
  - 4m @ 4.09g/t gold from 154m 17USRC135
  - 2m @ 7.07g/t gold from 138m 17USRC136
  - 4m @ 6.82g/t gold from 110m 17USRC139

- Program expanded to 58 holes in total for 10,233m, with assays from the next 11 RC holes including:
  - 14m @ 5.93g/t gold from 120m 17USRC147
  - 6m @ 5.08g/t gold from 157m 17USRC148
  - 2m @ 12.15g/t gold from 145m 17USRC146
  - 4m @ 4.55g/t gold from 188m 17USRC142
  - 5m @ 3.95g/t gold from 142m 17USRC149
  - 2m @ 5.17g/t gold from 156m 17USRC150
  - 2m @ 5.03g/t gold from 126m 17USRC151
  - 2m @ 5.98g/t gold from 150m 17USRC151

- A large number of samples are outstanding, with assays for 23 RC holes and 11 diamond holes still awaited. These results are expected to be released by the end of January 2018.

- Feasibility Study on a Ulysses Underground mine utilising a toll milling processing route is due for completion by the end of March 2018 Quarter though a larger step out drilling program is already being planned for the quarter targeting the establishment of a large standalone mining operation.

- Current infill drilling, a key component of the Feasibility Study, is confirming excellent continuity of grade and widths within the existing high-grade Ulysses Resource.

- Results from the current drilling are also clearly demonstrating the potential to significantly expand the Mineral Resource.

- Updated Mineral Resource to be completed in early February 2018, underpinning the Feasibility Study which progressed significantly with multiple work-streams advancing.

Barimaia Gold Project, Western Australia

- New 2,500m RC drilling program commenced during the quarter to follow up the thick, high-grade gold intercepts returned from wide-spaced drilling in the September 2017 Quarter, which returned intersections from holes up to 800m apart at the McNabs and McNabs East prospects including:
  - 17m @ 3.36g/t gold from 49m 17BARC004 (McNabs East)
  - 9m @ 18.8g/t gold from 75m 17BARC002 (McNabs)
    - including 5m @ 31.8 g/t gold from 76m
  - 1m @ 11.7g/t gold from 26m 17BARC001 (McNabs)

- Drilling will test the three large bedrock gold targets which have been confirmed over a 1km by 1.5km zone, highlighting the potential for a significant new primary high-grade gold system.

Corporate

- Cash reserves of $2.875 million at the end of the quarter, providing a strong platform for Genesis to advance its key Australian gold projects.
EXPLORATION

ULYSSES GOLD PROJECT, WA (Genesis: 100%)

The Ulysses Project is located ~30km south of Leonora and 200km north of Kalgoorlie, in the mineral-rich and highly prospective Eastern Goldfields of Western Australia. It is located 30km south of the Sons of Gwalia (6Moz of Production and 1.8Moz Reserve) mine and along strike of the Orient Well and Kookynie mine camps, which have produced over 0.7Moz.

Genesis acquired Ulysses in 2015 and, following exploration success, completed two open pit mining campaigns at the Ulysses West Pit in 2016 and 2017. Ore from Ulysses West was processed under a toll treatment arrangement at the Paddington Mill located 160km south of Ulysses along the Goldfields Highway.

Genesis is now targeting the development of a long-life, standalone underground mining and processing operation at Ulysses with major resource expansion drilling programs and an Underground Feasibility Study underway.

Resource Upgrade and Extensional Drilling Program

Following the positive results from the Underground Scoping Study reported last quarter, Genesis commenced a key resource upgrade and extensional drilling program at the Ulysses Gold Project, located 30km south of Leonora in Western Australia, during the quarter as part of a Feasibility Study on the planned development of a long-term underground mining operation.

An initial +6,000m RC and diamond drill program commenced on 22 September, with strong early results confirming the consistency and grade of the deeper mineralisation within the existing Resource (Measured, Indicated and Inferred: 2.8Mt at 2.3g/t Au for 206,400oz).

Results received for the first 13 RC holes were reported to the market on 10 November 2017 (refer ASX announcement 10/11/2017: “Ulysses: New High-Grade Gold Results from Resource Drilling Further Strengthen Underground Potential”). The initial batch of results delivered a number of high-grade intercepts including:

- 12m @ 4.42g/t gold from 135m 17USRC130
- 8m @ 5.16g/t gold from 109m 17USRC133
- 4m @ 6.38g/t gold from 142m 17USRC134
- 4m @ 4.09g/t gold from 154m 17USRC135
- 2m @ 7.07g/t gold from 138m 17USRC136
- 4m @ 6.82g/t gold from 110m 17USRC139

A full list of results was provided in Appendix 1 in the ASX release of 10 November 2017.
Logging of additional holes indicated that the mineralisation extends at depth, supporting the objective of expanding the existing 206,400oz Resource and prompting the Company to make the decision to extend and expand the resource drilling program (Figure 2).

![Figure 2. Diamond drilling in progress at Ulysses Gold Project during the quarter.](image)

The drilling program was subsequently expanded to 58 holes for 10,233m, with the additional drilling completed by mid-December 2017.

The Company received assay results for the next 11 RC holes (17USRC141 to 151) and reported these to the market on 4 December 2017 (see ASX announcement 04/12/2017: “Ulysses: Latest Results Continue to Enhance Underground Potential”).

Significant assay results for the next 11 RC holes (see Figures 3, 4 and 5), included:

- 14m @ 5.93g/t gold from 120m 17USRC147
- 6m @ 5.08g/t gold from 157m 17USRC148
- 2m @ 12.15g/t gold from 145m 17USRC146
- 4m @ 4.55g/t gold from 188m 17USRC142
- 5m @ 3.95g/t gold from 142m 17USRC149
- 2m @ 5.17g/t gold from 156m 17USRC150
- 2m @ 5.03g/t gold from 126m 17USRC151
- 2m @ 5.98g/t gold from 150m 17USRC151

The results provide strong confirmation of the continuity, grade and widths of deeper mineralisation below the open pit and current Mineral Resource, both inside and outside the current Resource boundary.

Drilling to expand the current resource has been successful and demonstrates clearly that high-grade mineralisation continues over mineable widths (results reported are approximately true widths) down-plunge below the open pit and well beyond the limits of the current Mineral Resource envelope.
Figure 3. Plan view of Ulysses Project in MGA coordinates. New intersections from recent RC drilling program shown in red boxes. Previous locations of 2017 RC hole collar positions shown in yellow boxes. The position of the Long Section shown in Figures 4 and 5 is highlighted by the white solid line. Orange hatching shows the conceptual mine design projected to surface, based on the September 2017 Scoping Study.

Results from holes 17USRC148 to 17USRC150 confirm the presence of significant mineralisation outside the current resource boundary beneath and to the east of the Ulysses Pit, highlighting excellent potential to expand the current resource. Results from 17USRC142 has further extended the Ulysses West shoot outside of the current resource which remains open at depth.

Figure 4. Long Section showing the recent high-grade drilling results. Conceptual mine design showing potential decline development in grey and stoping blocks in yellow. Recent drilling results shown in red boxes.
Figure 5. Extended Long Section showing the current Mineral Resource and recent drilling. Note significant results outside of current resource. Note shallow depth of drilling compared to average depth of underground mines in WA.

The expanded Phase 2 drilling program was completed in mid-December 2017. A large number of samples are currently outstanding with results pending for 34 holes. Assays are expected to be received by the end of January 2018.

Once all assay results are received, work will commence on an interim Mineral Resource upgrade, due to be completed in February 2018, which will help guide the next phase of the Underground Feasibility Study. The next phase will include underground mine studies and ore reserve estimates.

Planning is also underway for a major new resource expansion drilling program which is scheduled to commence in February 2018.

Underground Feasibility Study

Feasibility Study work continued during the quarter alongside the resource upgrade and extensional drilling program, with key work-streams including:

- Geotechnical drilling and logging to support the Feasibility Study and provide data for modelling to estimate potential dilution, to determine crown pillar requirements and appropriate ground support standards;
- Metallurgical sampling and test work planning;
- Commencement of ground water and surface water study;
- The commencement of an updated Mining Proposal and Mine Closure Plan for submission to the DMIRS;
- Toll-treatment and ore purchase negotiations; and
- Compilation of supporting data for the commencement of a tender process to select a suitable underground mining contractor.

The base case for the Feasibility Study is a toll milling processing route and it is expected any initial underground mining operation will commence on the basis of toll milling. Based on the very positive results received to date, the Company is already planning a new phase of step out drilling at depth to expand the resource base and provide the opportunity to build a standalone mining operation. This step out drilling at depth is expected to commence in February 2018.
BARIMAIA GOLD PROJECT, WESTERN AUSTRALIA (Genesis: RTE up to 80%)

The Barimaia Gold Project is located in the Murchison District of Western Australia, 10km south-east of the 6Moz\(^1\) Mt Magnet Gold Mine, operated by ASX-listed Ramelius Resources Limited (see Figure 6).

An initial “proof-of-concept” drilling program completed in the September 2017 Quarter confirmed the presence of a substantial gold system at Barimaia. Based on the strength of the results from this initial work, the Company moved ahead to complete the acquisition of the project in September 2017.

RC and AC drilling has identified three large bedrock gold targets (see Figures 7 and 8) associated with the McNabs porphyry system, with final assay results returning impressive thick high-grade gold intercepts including hits of 17m at 3.36g/t Au from 49m and 9m at 18.8g/t Au from 75m.

The results to date indicate that Barimaia, has all the hallmarks of a significant standalone gold mineralised system.

During the quarter, the Company commenced and completed a new 2,500m Reverse Circulation (RC) drill program.

The new drilling program was designed to follow-up the significant results returned in August, focussing on the three large bedrock gold targets which have been confirmed over a 1.0km by 1.5km zone centred on McNabs and McNabs East (see Figure 7).

The assay results from the drill program are expected to be received by the end of January 2018.

Other planned upcoming activities in the March Quarter 2018 at Barimaia include:

- A systematic Aircore drilling program to test to the north, east and south of the currently identified bedrock gold targets to extend the porphyry system which is open in all directions;
- A heritage survey in the areas to be AC drilled; and
- A detailed magnetic survey to help with structural and lithological controls.

\(^1\) Refer Ramelius Resources' ASX Announcement dated 22 February 2017.
Figure 7: Bedrock drill targets in the McNabs and McNabs East area. Porphyry extension target areas within white dashed outlines.

Figure 8: Section 6,891,800N highlighting high-grade mineralisation at McNabs.
VIKING GOLD PROJECT, WESTERN AUSTRALIA

No exploration activities were conducted during the Quarter.

CORPORATE

Cash

At 31 December 2017, the Company held cash reserves of A$2.875 million.

For further information, visit: www.genesisminerals.com.au or please contact

Michael Fowler
Managing Director
Genesis Minerals Limited
T: +61 8 9322 6178
E: mfowler@genesisminerals.com.au
COMPETENT PERSONS’ STATEMENTS

The information in this report that relates to Exploration Results is based on information compiled by Mr. Michael Fowler who is a full-time employee of the Company, a shareholder of Genesis Minerals Limited and is a member of the Australasian Institute of Mining and Metallurgy. Mr. Fowler has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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’. Mr. Fowler consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Information in this report that relates to Mineral Resources is based on information compiled by Mr Paul Payne, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Payne is a full-time employee of Payne Geological Services and is a shareholder of Genesis Minerals Limited. Mr Payne has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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”. Mr Payne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

<table>
<thead>
<tr>
<th>Ulysses Mineral Resource</th>
<th>Measured</th>
<th>Indicated</th>
<th>Inferred</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Tonnes</td>
<td>Au Cut (g/t)</td>
<td>Tonnes</td>
<td>Au Cut (g/t)</td>
</tr>
<tr>
<td>Oxide</td>
<td>7,000</td>
<td>2.0</td>
<td>176,000</td>
<td>1.7</td>
</tr>
<tr>
<td>Transition</td>
<td>8,000</td>
<td>2.6</td>
<td>392,000</td>
<td>1.8</td>
</tr>
<tr>
<td>Fresh</td>
<td>10,000</td>
<td>5.3</td>
<td>1,285,000</td>
<td>2.7</td>
</tr>
<tr>
<td>Total</td>
<td>26,000</td>
<td>3.4</td>
<td>1,853,000</td>
<td>2.4</td>
</tr>
</tbody>
</table>