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DIAMOND DRILLING COMMENCES AT LEO GRANDE

DIAMOND DRILLING UNDERWAY FOLLOWING SUCCESSFUL RC PROGRAM AT LEO GRANDE

Moonlight Resources Limited (ASX: **ML8**) (**Moonlight** or **the Company**) is pleased to advise that diamond drilling has commenced at the Leo Grande Prospect, within the Company's 100%-owned Clermont Gold Project in Central Queensland.

HIGHLIGHTS

- Diamond drilling has commenced at the Leo Grande Prospect, which immediately follows completion of the Phase 2 reverse circulation (**RC**) programme.
- Focused four-hole programme for approximately 500m designed to provide orientated diamond core and improve the understanding of the gold system.
- Diamond drilling will complement the extensive RC drilling dataset, which has defined gold mineralisation across more than 1km of the Leo Grande Shear Zone.
- Fresh rock diamond core will also be used for metallurgical testwork, providing an additional technical dataset on the characteristics of mineralisation at Leo Grande.
- Results from the programme will support ongoing geological modelling and deliver of the maiden Mineral Resource Estimate (**MRE**) at Leo Grande.

Managing Director, Mr Greg Starr, commented:

"The first two phases of RC drilling have substantially advanced our understanding of the scale and continuity of the Leo Grande system and this new, targeted diamond drilling programme has been designed to build on that work by providing a much higher level of geological and structural information.

Orientated core will us to better understand the controls on mineralisation and refine the model further, while also providing fresh-rock material for metallurgical testwork.

Together these workstreams represent the next stage of progress at Leo Grande as we near completion of our work to deliver a maiden Mineral Resource Estimate."

DIAMOND DRILLING PROGRAMME

Moonlight has commenced a focused four-hole diamond drilling programme scheduled for 500m at Leo Grande and has engaged United Drilling Services to complete the drilling.

The programme follows completion of the Company's Phase 2 RC drilling campaign, which materially expanded the modern geological and assay dataset at Leo Grande and confirmed coherent gold mineralisation over more than 1km of the Leo Grande Shear Zone.

The purpose of diamond drilling is to obtain high-quality oriented core to assist in defining the structural controls, geometry and orientation of mineralisation at Leo Grande. This information is expected to further refine the Company's geological interpretation and support the ongoing modelling of the mineralised system.

The diamond programme has been designed to obtain representative fresh-rock core samples for metallurgical testwork, providing important information to support the Company's understanding of the processing characteristics of the Leo Grande mineralisation.

The diamond drilling programme will complement the extensive RC drilling database generated through the first two programmes and forms part of the technical work being undertaken to support preparation for declaration of a maiden MRE at Leo Grande.

The Company will provide further updates as drilling progresses and results become available.



Figure 1: First Diamond Drillhole underway at Leo Grande

Authorised for release by the Board of Directors

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ABOUT MOONLIGHT RESOURCES LIMITED

Moonlight Resources Ltd (ASX: ML8) is an Australian mineral exploration company focused on new discoveries and the systematic advancement of its principal gold and copper exploration assets. The Company holds a portfolio of multi-commodity exploration assets across Queensland, the Northern Territory and Western Australia.

Moonlight's flagship asset is the Clermont Project in Queensland, where systematic field exploration is being undertaken across a substantial portfolio of gold and copper targets. Clermont benefits from extensive historical exploration, established drilling access and favourable infrastructure within a long-established mining region.

The Leo Grande Prospect is Moonlight's most advanced gold asset. Recent drilling, supported by an extensive historical drilling database, has confirmed a broad, structurally controlled gold system and materially expanded the geological and assay dataset available to support preparation for a maiden Mineral Resource Estimate. Exploration at Leo Grande is focused on progressively defining the scale, geometry and continuity of mineralisation, while continuing to test extensions along strike and at depth where the system remains open.

Clermont also provides significant copper exploration exposure through the Peak Downs Copper Prospect, located within an area of historical high-grade copper production. Peak Downs represents a second significant exploration opportunity within the flagship Clermont portfolio, with work focused on testing priority copper targets and improving the understanding of the scale, geometry and continuity of mineralisation. The prospect complements the continued advancement of Leo Grande and broadens the discovery potential of Clermont.

Moonlight's strategy is to systematically advance the highest-priority opportunities within its portfolio through disciplined exploration and targeted drilling. The immediate focus is on progressing Leo Grande towards resource definition while concurrently testing the broader gold and copper potential of Clermont, including at the Goldfinger and Petersens Gold Prospects and the Peak Downs Copper Prospect. This approach is intended to advance the Company's most mature opportunity while maintaining a pipeline of additional targets capable of supporting further discoveries and progressively expanding the scale of the Clermont Project.

Targeting Minerals Critical to the Modern Global Economy

- 1 Clermont Gold Project (QLD)**
The Primary Focus of Current Exploration Drilling
 - Significant landholding covering 268km² with multiple walk-up drill targets
 - Leo Grande Prospect features an unconstrained 4km x 60m mineralised footprint
 - Historical drilling database (70 holes for 4,620m) enables highly-targeted, cost-effective drilling
 - Near-term opportunity to delineate and rapidly grow a meaningful gold Resource to cornerstone a potential future production hub
- 2 Peak Downs Copper Prospect (QLD)**
A High-Grade Copper Opportunity
 - Historically mined high-grade copper system - approx. 17% Cu over 2.5km of strike
 - Broad historical intercepts, including 39m at 1.11% Cu and 24m at 0.97% Cu
 - Maiden RC drilling programme (~3,000m) underway at Peak Downs
- 3 MacDonnell Ranges REE-Uranium Project (NT) High-Impact Optionality**
- 4 Drysdale Project (WA) Uranium**
- 5 Moonlight Project (NT) Rare Earths and Uranium**



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