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Australian and International Exploration and Evaluation of Mineral Properties

# NI 43-101 TECHNICAL REPORT

# ON THE

# CORONA GOLD LIMITED

# BASE METAL AND GOLD PROJECTS

# LOCATED ON THE

# WEST COAST OF TASMANIA, AUSTRALIA

PREPARED FOR

## CORONA GOLD LIMITED

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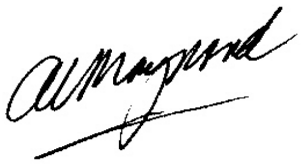
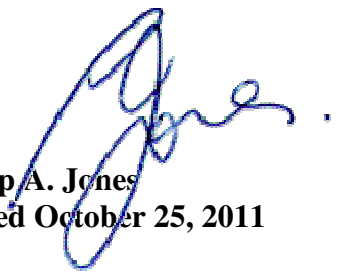
**Company:** **Al Maynard and Associates Pty Ltd**
**Effective Date:** **31st October, 2011**



**Allen J. Maynard**
**Signed October 25, 2011**



**Philip A. Jones**
**Signed October 25, 2011**

## SUMMARY

Corona Gold Limited (Corona) has acquired two mineral properties termed the "Queenstown Project" and the "Granite Tor Project" in the West Coast district of the state of Tasmania, Australia. The Proterozoic and Paleozoic rocks of the West Coast district are particularly well endowed with metallic minerals that have yielded substantial amounts of copper, lead, zinc, silver, gold, tin, iron ore and nickel from the late 19th century up until the present day.

The Queenstown Project area, covering approximately 206km², is adjacent to and extends 25km south of the major copper mining centre of Queenstown, home of the Mt Lyell mine. It is held as three Exploration Licenses – two subject to a farm-in agreement with Jaguar Minerals Limited (Jaguar) in which Corona has earned 51% and is expending a minimum of $300,000, including the drilling of 1,000m by April 30th 2012, to earn a further 29%. The other is held 100% by Corona. The area is quite rugged and forested and is mostly state owned land.

The Granite Tor Project area is a single Exploration License of approximately 166km² held 100% by Corona. It is rugged, forested terrain centred about 13km east of the township of Tullah on the Murchison Highway.

The Queenstown Project area covers almost 30km of north-south trend of the Cambrian aged Mt Read Volcanics which host the world class Mt Lyell volcanic hosted copper-gold mine and the Rosebery and Hellyer stratiform massive sulphide zinc-lead-copper-silver-gold mines. These volcanics form the spine of the north-south trending West Coast Range and are capped by the Cambro-Ordovician aged Owen Group that is in turn overlain by remnants of Ordovician Gordon Limestone. These rocks have been affected by several major tectonic events resulting in complex folding and faulting with structural settings playing a major part in mineral emplacement.

There are 137 known mineral showings within the Corona area according to Mineral Resources Tasmania – the state mining agency. These are mostly copper, copper-gold, copper-magnetite, gold and zinc-lead-silver occurrences that were discovered at the turn of the 19th century. The size, grade and lack of treatment facilities precluded serious development activities at that time. Company scale mineral exploration has taken place through the latter half of the 20th Century but major discoveries have been elusive, although larger scale discoveries have been made as recently as the 1990's – viz Garfield. Despite the prospectivity of the region, drilling in most areas of the Corona prospects has been very limited when compared to the activity in most similar parts of Australia.

The author believes that there is potential to discover Mt Lyell style copper-gold deposits in the Mt Read Volcanics on its ground around Queenstown, in addition there is potential for copper-magnetite, gold and shale hosted zinc-lead-silver bearing massive sulphides. Corona has selected nine main prospects as being most worthy of serious exploration of which the Prince Darwin copper-magnetite zone in the south Darwin area; Garfield

copper-gold prospect; Mt Ellen gold prospect; North Jukes copper-gold prospect; and the Comstock major VTEM anomaly – possibly representing shale hosted massive sulphide, are considered ready for immediate drilling.

The Granite Tor Project covers the Devonian age Granite Tor granitoid pluton which intrudes Proterozoic age Tyennan Group metamorphics that have been found to contain carbonate bearing lithologies. Elsewhere in western Tasmania, the Devonian granitoids have tin and lesser tungsten associated including the world class Renison Bell Tin Mine only 25km distant. Within the Granite Tor project area there are limited 1900 era alluvial tin deposits that were worked along the alluvial terraces and other hard rock tin occurrences noted. Only one company has undertaken early stage exploration in the area, in the 1970's, and they obtained significant tin-tungsten values in stream sediments and soils that were not systematically followed up.

It is believed that there is good potential to discover hard rock tin-tungsten mineralization in and around the granitoid pluton while a Government airborne magnetic survey has located a number of magnetic anomalies around the margin that may represent skarn alteration of the carbonates with possible tin-tungsten-magnetite associated mineralization.

A two phase exploration program is recommended to continue exploration on both project areas with a budget of $8,401,000 for the Queenstown Project and $305,000 for the Granite Tor Project.

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