

# MARICUNGA PROJECTS SUMMARY

Located at the Core of Chile's Prolific Miocene Porphyry-Epithermal Belt



**Summary** Aethon Minerals has an option to earn a 100% interest in four prospective exploration projects totalling over 14,000 hectares located at the core of Chile's prolific Miocene porphyry-epithermal belt. Preliminary investigations have demonstrated the potential of each property to host epithermal or "Maricunga-style" gold-copper porphyry systems.

**Located** at the core of the prolific Miocene porphyry-epithermal belt, in Region III, Chile. Neighbouring deposits include:

- Cerro Casale (Barrick & Goldcorp)
- Caspiche (Barrick & Goldcorp)
- Lobo-Marte (Kinross)
- La Coipa (Kinross)

**The Maricunga-El Indio Belt** is characterized by arc-related Miocene volcanics and volcanoclastic sequences covered by younger volcanics and gravels. Miocene magmatic events are typically associated with alteration zones that can be related to epithermal and/or porphyry mineralization centers. Paleozoic granitoids and Mesozoic sedimentary sequences form the basement units that are equally favorable to host gold-copper mineralization. More than 100 million ounces of gold as reserves/resources/past production have been identified in the belt.

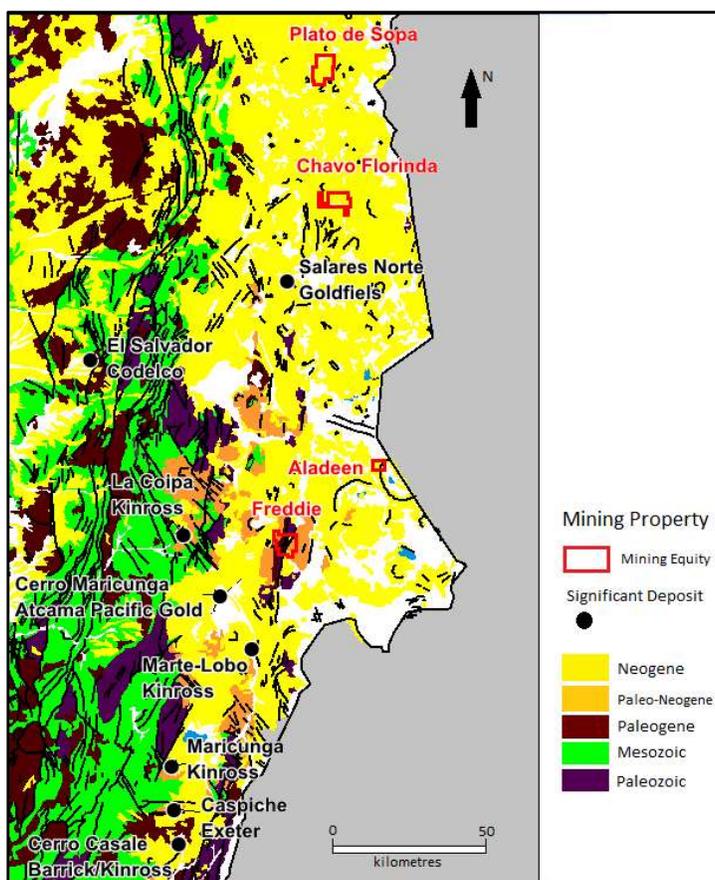
The southern part of the Maricunga Belt has been explored and intermittently developed during the past 30 years. In general, both major and junior companies have targeted bulk tonnage projects, whereas high-grade deposits have been poorly recognized and documented.

Recent discoveries in the region illustrate the potential of this belt to yield additional gold mines, and include:

- Salares Norte by Gold Fields Ltd. (M&I Resources of 23Mt @ 4.9 g/t Au, 66g/t Ag, as of Dec. 2017)
- Alturas by Barrick Gold Corp. (Inferred Resources of 211Mt @ 1.0 g/t Au as of Dec 2016)



<sup>1</sup> EMU NL (ASX: EMU) has an option to earn a 100% interest in the Vidalita project



Diego Charchafle, P.Geo., is the qualified person, as defined by NI 43-101, who supervised work programs and preparation of the technical data presented herein.

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Properties	Hectares
Freddie	5,200
Chavo-Florinda	4,800
Pepe	2,900
Aladeen	1,200

**Opportunity** A large dataset of public and historic data has been compiled. Unclaimed and third party properties have been visited in order to validate targets. To date, more than 820 rock samples have been collected and assayed. The geochemistry and ASD signature of each sample represents the foundation of the exploration program.

**Freddie Property** The exploration target was defined by ASTER alteration zones located at the intersection of fertile N- and NW-trending regional systems. Thrusted Eocene to Miocene volcanic sequences characterize the Freddie properties. Field reconnaissance (63 rock samples) identified subcrops of chrysocolla and malachite bearing hydrothermal breccia (3.9% Cu, 13 ppb Au, 13 ppm Ag, 0.4% Pb) associated with andesitic to dacitic lavas and domes (48 ppb Au). Additionally, a zone with intense quartz veining returned results up to 4.34 g/t Au. The affinity between the copper-bearing breccias, quartz veins and volcanic units is currently being evaluated.

**Other Properties** Cursory work has been completed at the Chavo-Florinda, Pepe and the Aladeen properties. Geochemical anomalies are associated with epithermal systems in all cases. Potential exploration targets are being currently assessed.



Freddie



Freddie



Freddie

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