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ASX Announcement

VERY HIGH GRADE GOLD MINERALISATION INTERSECTED IN FIRST HOLE DRILLED AT THE DINAMARQUESA PROJECT, CHILE

Genesis Minerals Limited ("Genesis", ASX: GMD) is very pleased to announce that multiple intersections of very high grade gold mineralisation have been returned from drilling at the Dinamarquesa Project ("Project") in northern Chile. Analytical results have been returned from the first (drill hole DG10-01) of seven diamond core holes drilled recently at the Project. High grade gold intersections include:

- **2m @ 102.8 g/t gold**
- **2m @ 6.5 g/t gold, and**
- **1m @ 17.7 g/t gold**

The high grade mineralisation intersected in DG10-01 is located directly below and 150 metres down-dip of the high grade mineralisation intersected in the historic drill hole DM03, which returned 2m @ 32g/t gold* (see Figure 1). Recent results substantially increase the extent of the known mineralisation.

Genesis' Managing Director Michael Fowler said, "Our first diamond drill hole has intersected significant and very high grade gold mineralisation that confirms the depth and strike potential of Dinamarquesa. This is a great start to our exploration program and the results from DG10-01 clearly show the potential for the Company to define a substantial high grade gold resource."

Additional holes have been drilled recently to evaluate the along strike potential of this high grade gold mineralisation (drill holes DG10-02, DG10-04 and DG11-07; see Figure 2). Previous drilling along strike from drill holes DM03 and DG10-01 returned intersections* including:

- **1m @ 29.9 g/t gold**
- **2m @ 19.9 g/t gold**
- **5m @ 12.8 g/t gold, and**
- **3m @ 10.7 g/t gold**

*Historical intersections previously reported in Genesis Minerals Limited ASX release 5th August 2010.

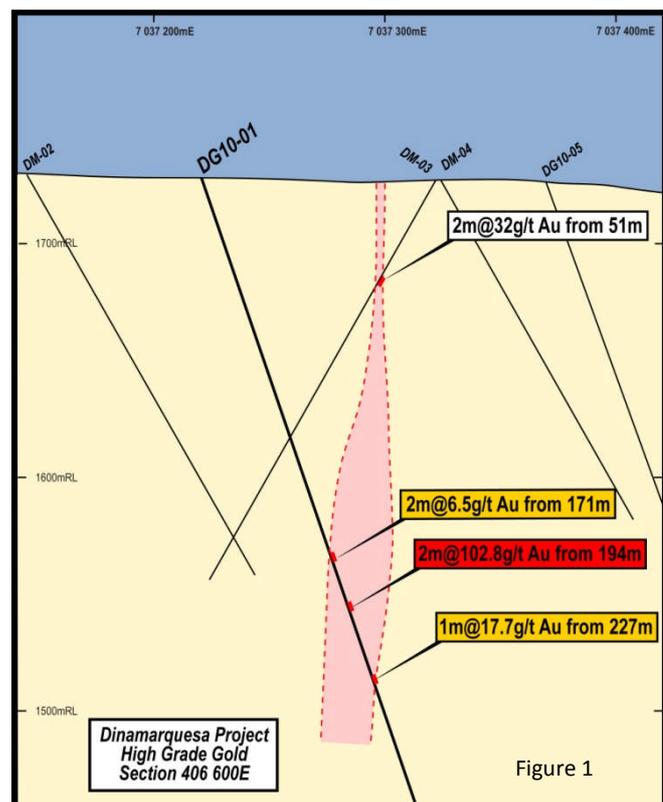
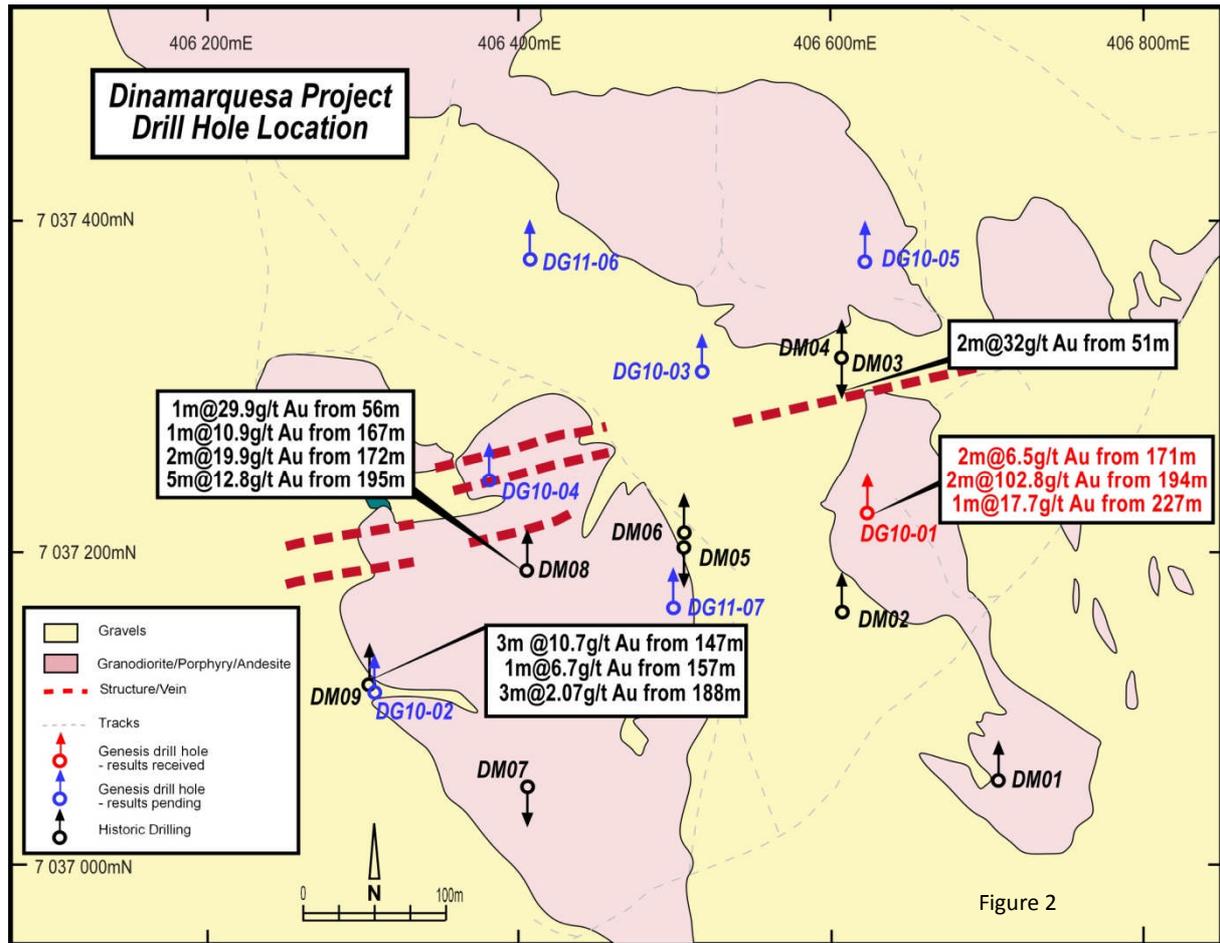


Figure 1

Logging, sampling and assaying of these drill holes continues and results for the remainder of the seven holes drilled will be reported over the coming weeks.



Background

Genesis Minerals Limited entered into an agreement in August 2010 with a private Chilean company to acquire a 100% interest in the Dinamarquesa Project in northern Chile. Limited previous wide spaced drilling has delineated a number of high grade gold structures. The Project occurs in the highly mineralised Inca de Oro gold-copper belt.

The Project is located in the Atacama Desert in an area with excellent infrastructure about 850 km north of Santiago, 90 km north of the city of Copiapó and 75km east of the Pacific Ocean. The Project is 3km south west of the small town of Inca de Oro which is connected by a sealed highway between Copiapó in the south and Diego de Almagro in the north.

Limited previous wide spaced (100m+), shallow drilling intersected a number of strongly mineralised structures with results including ***2m @ 32g/t gold and *5m @ 12.8 g/t gold.**

The regional geology comprises andesitic rocks of the La Negra Formation and volcanoclastic rocks of Punta del Cobre Formation, both Jurassic age. The units are intruded by Paleocene granodioritic rocks and andesitic to rhyolitic dikes. The Dinamarquesa Project is a copper-gold-molybdenum porphyry system. The andesite is intruded by a medium grained granodiorite batholith of Paleocene age which hosts the intrusion of dacitic porphyry rocks (Inca Porphyry).

The gold – copper mineralisation at Dinamarquesa is associated with veins and stockworks trending east to north northeast, hosted in andesitic rocks intruded by a series of porphyries. The veins generally comprise quartz, pyrite, chalcopyrite, gold and occasionally calcite and barite and are associated with potassic alteration.

*Historical intersections previously reported in Genesis Minerals Limited ASX release 5th August 2010

The known copper-molybdenum-gold primary porphyry hosted mineralisation is found mostly as an intense to moderate stockwork of A, B and D veinlets with pyrite-chalcopyrite-molybdenite mineralisation in the porphyry, granodiorite and the contact zone with andesite and the andesite roof pendant structures.

A seven hole diamond drilling program (DG10-01 – DG10-05, DG11-06 –DG11-07) for a total of 2,200m was completed last week at the Project. This program targeted both the high grade gold vein system and the porphyry copper - molybdenum - gold potential.

The high grade gold mineralisation is related to subvertical, banded to massive quartz - sulphide - carbonate veins. The veins occur within an ENE trending structural zone up to 150m wide.



Figure 3 Location of the Dinamarquesa Project.

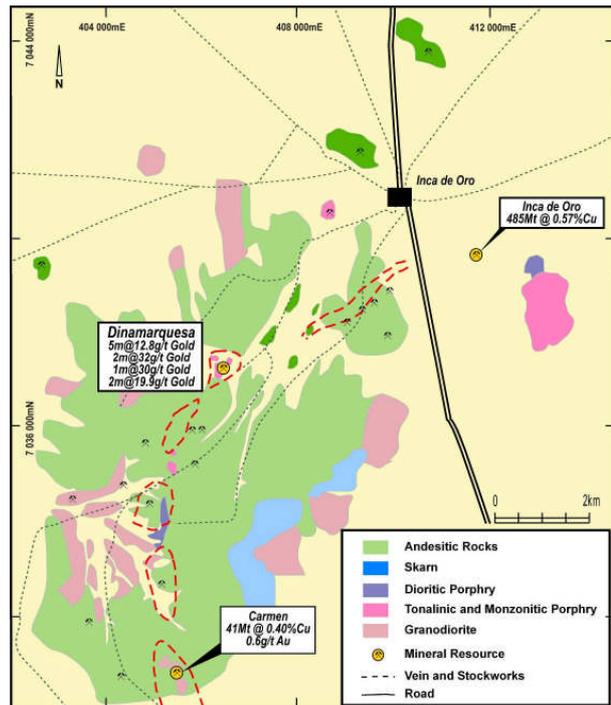


Figure 4 Simplified geology and Project location.

M Fowler

Michael Fowler
Managing Director

Further Information

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The information in this announcement was compiled by Michael Fowler, Genesis Minerals Limited's Managing Director, who is a Member of The Australasian Institute of Mining and Metallurgy. Michael Fowler has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 JORC Code. Michael Fowler consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.

Table 1 Significant gold intersections form DG10-01.

Hole Number	Northing	Easting	mRL	UTM Az.	Dip	Hole Depth (m)	From (m)	To (m)	Interval	Au (g/t)
DG10-01	7,037,220	406,610	1728	0	-70	300	126	127	1	2.04
							171	173	2	6.53
							194	196	2	102.78
						<i>includes</i>	194	195.33	1.33	151.42
							227	228	1	17.68
							256	257	1	1.27

Notes :

- Final assay results from ½ NQ or HQ diamond core.
- Lower cut of 1g/t gold.
- Analysis completed by ANALMIN laboratory in La Serena, Chile.
- All samples were analysed for gold by fire assay.
- Reference standards, duplicate and blank samples were routinely submitted and were within acceptable limits based on current data.
- Drill hole collar position surveyed - PSAD56 Zone 19S by GPS.