

## MERCEDITAS MINERALISATION EXTENDED

Genesis Minerals Limited (ASX: GMD; "Genesis") is pleased to announce that a second phase of drilling at its Merceditas Copper Gold Project in Chile has confirmed wide zones of open ended oxide copper mineralisation.

Thirty one shallow drill holes for 2,370 metres were completed as part of a second phase program at the Merceditas Project targeting near surface mineralisation at the Paula and Lucy Prospects. The mineralised zones defined to date remain open along strike and at depth.

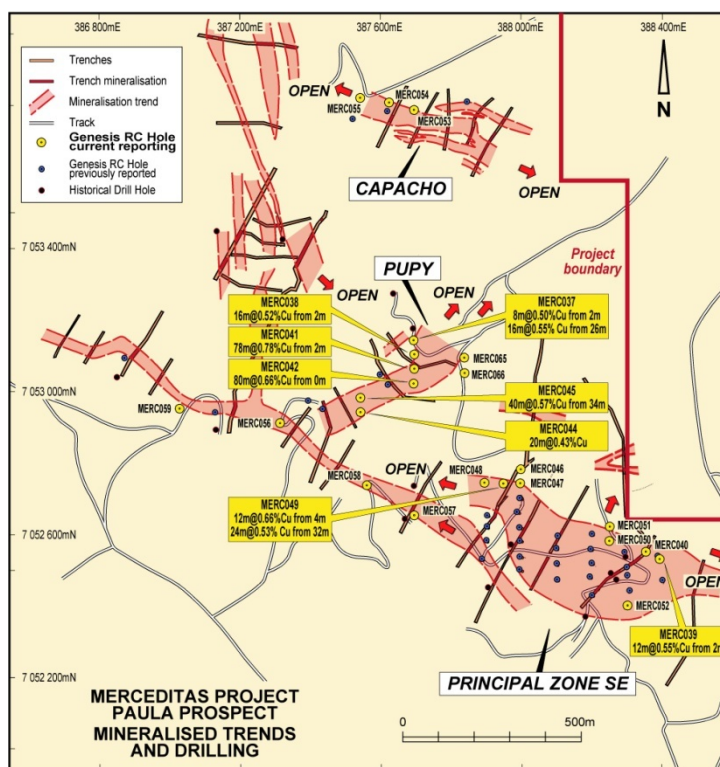
Intercepts of note include:

<b>MERC041</b>	<b>78m @ 0.78 % copper from 2m (including 28m @ 1.16% Cu)</b>
<b>MERC042</b>	<b>80m @ 0.66 % copper from 0m (including 24m @ 1.35% Cu)</b>
<b>MERC045</b>	<b>40m @ 0.57 % copper from 34m</b>
<b>MERC063</b>	<b>26m @ 0.66% copper from 28m</b>
	<b>40m @ 0.75% copper from 60m</b>
<b>MERC062</b>	<b>38m @ 0.40 % copper from 4m</b>
	<b>38m @ 0.50 g/t gold from 4m</b>
<b>MERC064</b>	<b>56m @ 0.63 % copper from 44m</b>
<b>MERC037</b>	<b>16m @ 0.55 % copper from 26m</b>
<b>MERC049</b>	<b>12m @ 0.66 % copper from 4m</b>
	<b>24m @ 0.53 % copper from 32m</b>

Genesis Managing Director Michael Fowler commented, "These results continue to provide strong encouragement with a number of holes returning wide zones of near surface copper mineralisation. Following compilation and interpretation of these results we aim to estimate a JORC code compliant resource by year end."

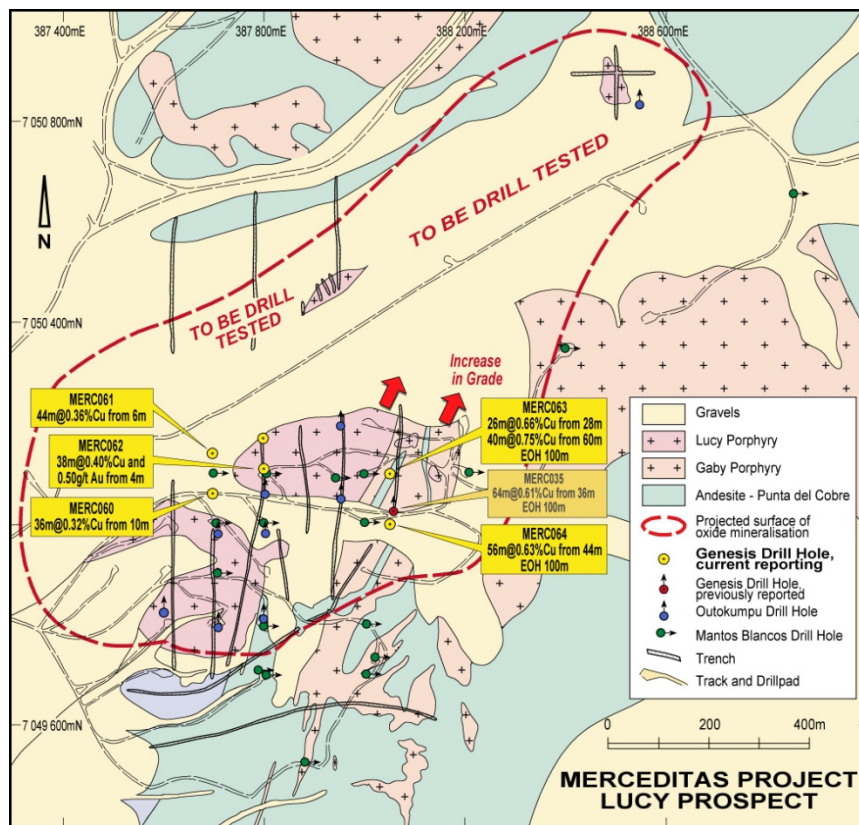
### Paula Prospect

Drilling at the Pupy Zone at the Paula Prospect has intersected significant copper mineralisation over 400 metres of strike. Wide zones of copper mineralisation were returned from surface in adjacent holes **MERC041 (78m @ 0.78 % Cu from 2 metres)** and **MERC042 (80m @ 0.66 % Cu from 0 metres)**. **MERC045** drilled 150m to the west returned **40m @ 0.57 % Cu from 34 metres**. Mineralisation at Pupy remains completely open to the east north east and at depth.



## Lucy Prospect

MERC063 (26m @ 0.66% Cu from 28 metres and 40m @ 0.75% Cu from 60 metres) and MERC064 (56m @ 0.63 % Cu from 44 metres) returned significant copper mineralisation over a zone 100 metres wide and confirmed significant mineralisation previously reported from MERC035. Oxide mineralisation is open to the north and northeast, with no drilling having been completed under transported gravel cover. MERC062 returned 38m @ 0.40 % Cu and 0.50g/t gold from 4 metres from the western side of the Lucy Prospect.



## BACKGROUND

Genesis has completed 67 RC holes at the Merceditas Project in two phases, for 5,320 metres, between May and October 2008. This drilling has comprised mostly wide spaced drilling at the Principal Zone SE and the Pupy Zone at the Paula Prospect and limited drilling at the Lucy Prospect. The average hole depth was 80 metres.

Copper mineralisation at the Paula Prospect is hosted within a sequence of variably altered and oxidised andesitic rocks and is structurally controlled with mineralised zones typically having a high-grade core of chrysocolla (the dominant copper oxide mineral) and semi-massive iron-oxide, surrounded by a lower grade stockwork of chrysocolla veinlets. At the Lucy Prospect mineralisation is hosted within a porphyry body and is associated with a stockwork of chrysocolla veinlets.

The Merceditas Project is located in northern Chile's Iron-Oxide-Copper-Gold ("IOCG") belt which is one of the most prospective IOCG provinces in the world. It is located approximately 1,000km north of Santiago, the capital of Chile, in the Atacama Desert and is easily accessible by road in an area that is serviced by very good infrastructure.

**Michael Fowler**  
Managing Director

### Further Information

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**Merceditas Project - Total Copper Intercepts MERC037 to 067**

Hole Number	Northing	Easting	mRL	UTM Az.	Dip	Hole Depth (m)	Intercept - Total Cu%
MERC037	7,053,140	387,700	1538.5	0	-60	72	10m @ 0.44 % Cu from 8m 16m @ 0.55 % Cu from 26m 6m @ 0.35 % Cu from 50m 8m @ 0.24 % Cu from 60m
MERC038	7,053,100	387,700	1545.1	0	-60	80	16m @ 0.52 % Cu from 2m 12m @ 0.30 % Cu from 24m
MERC039	7,052,528	388,390	1544.1	0	-60	80	12m @ 0.55 % Cu from 2m 10m @ 0.39 % Cu from 18m
MERC040	7,052,550	388,350	1547.2	0	-60	80	10m @ 0.29 % Cu from 2m 10m @ 0.32 % Cu from 16m 8m @ 0.40 % Cu from 32m 8m @ 0.36 % Cu from 42m 4m @ 0.69 % Cu from 58m 6m @ 0.67 % Cu from 24m
MERC041	7,053,060	387,700	1555.6	0	-60	80	78m @ 0.78 % Cu from 2m <i>Includes</i> 28m @ 1.16% Cu
MERC042	7,053,020	387,700	1567.3	0	-60	80	80m @ 0.66 % Cu from 0m <i>Includes</i> 24m @ 1.35% Cu
MERC043	7,053,020	387,700	1567.3	180	-60	80	10m @ 0.35 % Cu from 4m 18m @ 0.38 % Cu from 18m 18m @ 0.31 % Cu from 40m 12m @ 0.28 % Cu from 66m
MERC044	7,053,940	387,550	1476.3	0	-60	80	22m @ 0.26 % Cu from 0m 22m @ 0.37 % Cu from 26m 20m @ 0.43 % Cu from 58m
MERC045	7,052,980	387,550	1568.1	0	-60	80	12m @ 0.33 % Cu from 2m 4m @ 0.27 % Cu from 18m 40m @ 0.57 % Cu from 34m
MERC049	7,052,740	387,950	1606.6	180	-60	80	12m @ 0.66 % Cu from 4m 4m @ 0.31 % Cu from 24m 24m @ 0.53 % Cu from 32m
MERC050	7,052,580	388,200	1568.2	180	-60	80	16m @ 0.40 % Cu from 8m
MERC051	7,052,620	388,250	1548.4	180	-60	80	6m @ 0.56 % Cu from 6m 4m @ 1.06 % Cu from 30m 8m @ 0.68 % Cu from 42m 32m @ 0.34 % Cu from 28m
MERC054	7,053,805	387,630	1474.8	180	-60	60	20m @ 0.32 % Cu from 2m 4m @ 0.30 % Cu from 38m
MERC057	7,052,650	387,700	1600.0	30	-80	80	4m @ 0.45 % Cu from 42m 4m @ 0.57 % Cu from 54m 6m @ 0.78 % Cu from 8m 22m @ 0.33 % Cu from 22m
MERC060	7,050,060	387,700	1600.0	0	-90	50	36m @ 0.32 % Cu from 10m
MERC061	7,050,140	387,700	1600.0	0	-90	50	44m @ 0.36 % Cu from 6m
MERC062	7,050,110	387,800	1600.0	0	-60	80	38m @ 0.40 % Cu from 4m
MERC063	7,050,100	388,050	1600.0	0	-90	100	18m @ 0.31 % Cu from 2m 26m @ 0.66 % Cu from 28m 40m @ 0.75 % Cu from 60m
MERC064	7,050,000	388,050	1600.0	0	-90	100	56m @ 0.63 % Cu from 44m

MERC067	7,050,170	387,800	1600.0	0	-90	60	6m @ 0.27 % Cu from 4m
							12m @ 0.25 % Cu from 18m
							4m @ 0.32 % Cu from 34m
							18m @ 0.27 % Cu from 42m
MERC066	7,053,060	387,800	1600.0	0	-60	80	30m @ 0.29 % Cu from 2m

Notes :

- Final assay results from reverse circulation drilling 2m riffle splits.
- Lower cut of 0.2% Cu.
- One quarter sent to the ALS Chemex laboratory in La Serena.
- All samples were analysed for Total Copper – Four Acid Digest and AAS analysis.
- Reference standards, duplicate and blank samples were routinely submitted and were within acceptable limits.
- All drill hole collar positions have been surveyed - PSAD56 Zone 19S.

The information in this announcement was compiled by Michael Fowler, Genesis Minerals Limited 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.