



# LAGUNA RESOURCES NL

ASX Release

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**LAGUNA RESOURCES NL**

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**Issued Capital:**

Approximately 1,111 million shares

**ASX Symbol:** LRC

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## ACQUISITION – MARICELLA GOLD PROJECT

The Company is very pleased to announce that it has signed an option agreement to acquire the Maricella Gold Project, located in the highly productive southern sector of the World Class Maricunga Gold Belt in the Atacama Region of northern Chile.

The acquisition of the Maricella Gold Project is aligned with the Company's commitment to the exploration and development of world-class gold opportunities in the Maricunga Gold Belt, where it has just completed an 11,500 metre drilling programme at the advanced Arqueros Project and has commenced field activities on the recently acquired Cachitos Gold Project.

### Highlights of Maricella:

- 450 hectares in the Southern Maricunga, 17 km to east of Cerro Casale and 30 km north-east of Cachitos.
- Porphyry gold, with 5 Moz gold exploration target, comprising 150 Mt at 1.0 g/t gold equivalent in an open pit resource.
- Gold mineralisation established in extensive reverse circulation intersections but not comprehensively explored.
- An extensive hydrothermal alteration zone located on the same circular geological structure as Cerro Casale, Caspiche and Laguna's Cachitos project.

Maricella is an advanced exploration project located 17km east of Cerro Casale (40 Moz Au equivalent) and 20 km SE of Caspiche (30 Moz Au equivalent); on same structure as these major deposits, and in the same zone and access route as Laguna's Cachitos Gold Project (30 km to the south-west).

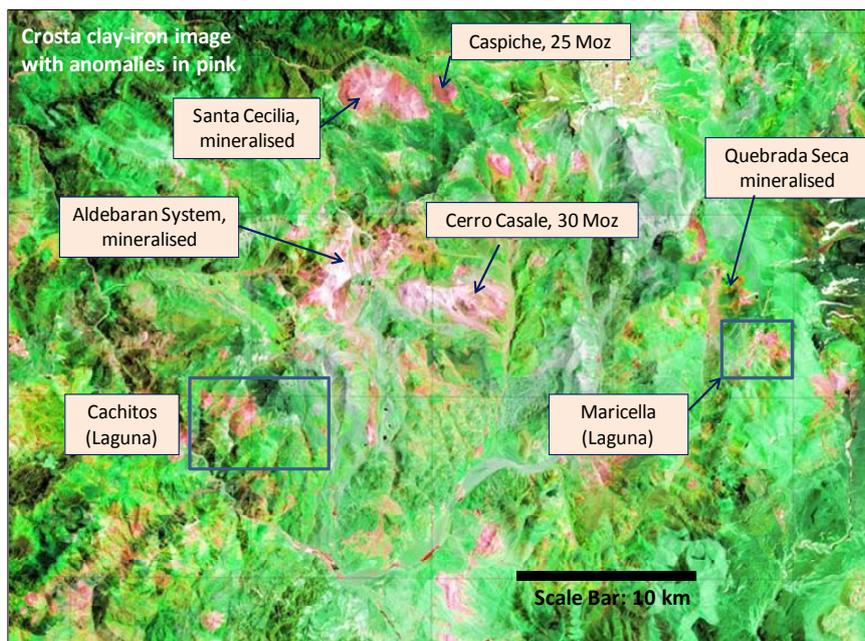
The Maricella mineralisation is marked by a prominent 800 x 800 metre hydrothermal alteration zone, which was prospected in the 1990s. Previous work includes 4.5 km of trenching and road cuts and eight reverse circulation drillholes. Trenches displayed continuous mineralisation laterally up to 648 metres on surface. Drilling (2328 metres) penetrated centre of the alteration zone, and generated intersections 50 to 250 metres from surface at grades of 0.3 to 0.7 g/t gold, with the best intersection 118 metres at 0.68 g/t Au. Copper is present, and is considered a prime target for grade enhancement with depth, an important factor in grade at Cerro Casale and Caspiche.



Location of Laguna Resources' projects in Northern Chile



Marcella alteration zone



Thematic map showing mineralised zones (pink) in the Southern Maricunga, Chile, including Laguna projects, Cachitos and Maricella

**Historical drill intercepts** show mineralisation extending from surface is deep-seated and remains open with depth

Hole	From	To	Intercept	Gold g/t	Copper ppm	Gold EQ g/t
	metres					
MRC01	surface	200	200	0.28	507	0.37
		58	58	0.44	619	0.55
MRC02	surface	130	130	0.40	1347	0.63
		74	74	0.58	1233	0.79
MRC03	surface	96	96	0.42	777	0.55
		4	52	48	0.54	1160
MRC04	surface	246	246	0.33	594	0.44
		124	124	0.48	746	0.61
MRC05	surface	138	138	0.30	404	0.37
		50	92	42	0.42	501
MRC06	100	276	176	0.60	1267	0.82
		156	274	118	0.68	1453
MRC07	Surface	46	46	0.59	1006	0.76
MRC08	4	50	48	0.61	987	0.79

These grades are consistent with grades at Cerro Casale (1874 Mt at 0.51 g/t gold and 0.21% copper) and Caspiche (1473 Mt at 0.51 g/t Au and 0.20% Cu), characterised by long mineralised intersections which increase in grade with depth. Maricella has the potential to host similar mega-ounce mineralisation as those deposits.

Historical trench intercepts show that mineralisation is also extensive laterally:

<b>Trench</b>	<b>Section Length, metres</b>	<b>Gold g/t</b>
MRT01	648	0.23
	<i>includes 120</i>	0.50
MRT02	464	0.50
	<i>includes 308</i>	0.63
MRT03	377	0.62
MRT04	179	0.41
MRT05	127	0.37
MRT06	98	0.39
MRT07	61	0.28
MRT08	122	0.61
MRT09	252	0.48
	<i>includes 154</i>	0.61

The immediate focus of exploration is to test the system for large scale mineralisation. Exploration work planned includes validation of the geology, re-sampling of road-cuttings and trench cuts, geophysics (IP/resistivity and magnetic) for drill target generation, followed by 2000 metres of deep drilling to test the extent of mineralisation and potential for higher grade zones.

Nick Lindsay  
Managing Director

*Dr Nicholas Lindsay is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience which 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 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Lindsay is the Managing Director of Laguna Resources NL and consents to the inclusion in this release of the matters based on his information and information presented to him in the form and context in which it appears.*

**DISCLAIMER**

*This release contains certain **forward-looking statements**. These forward-looking statements are based on management's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, some of which are outside the control of Laguna Resources NL, which could cause actual results to differ materially from such statements.*

*The **Exploration Target** presented for Maricella is 5 million gold equivalent ounces of potential gold mineralisation grading about 1.0 g/t gold. The potential quantity and grade is conceptual in nature. There has been insufficient exploration to define a Mineral Resource under the JORC Code and it is uncertain if further exploration will result in the determination of a Mineral Resource.*

***Gold equivalence** in grams per tonne (AuEQ) is estimated as  $AuEQ = Au + Cu * EQ$ , where Au = gold content, Cu = copper content and EQ = equivalence factor, which is calculated as the ratio of copper price (per gram) to gold price (per gram) \* ratio of copper metallurgical recovery to gold metallurgical recovery assumed here at 100% each.  $EQ = PCu/PAu * RCu/RAu = 0.000173$ , based on long-range prices of gold at US\$900/oz & copper US\$5000/t.*