



AIM and PLUS code: MARL

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Mariana Resources discovers new gold, silver zones at Sierra Blanca, Santa Cruz, Argentina.

Mariana Resources Ltd (Mariana) is pleased to announce the discovery of sulphide-rich vein zones more than 3 kilometres in length on its Sierra Blanca gold/silver JV project in Santa Cruz Province, southern Argentina. The recently identified sulfide veining areas have been sampled and initial results are reported here. The current work program includes detailed geological mapping, rock-chip sampling and surface magnetic and Induced Polarization (IP) geophysical surveying.

New Veins Discovery

Two separated areas of sulfide-rich (up to 40% in volume) quartz veins have been identified in the Sierra Blanca project.

In the southernmost part, referred to as “*Vetarron*”, crustiform and brecciated sulfide bearing quartz veins have been discovered in a N10°E trending belt 2 km long and 200m wide. Sulphide mineralization is mainly pyrite, with marcasite, sphalerite, galena and minor argentite (a silver bearing mineral).

In the northern area veins crop out irregularly in a NE-trending belt 1 km long and 400m wide.

To date, geological mapping has outlined a total of approximately 30 kilometers of epithermal veins on the property. A plan showing the new vein arrays and assay results will be available on Mariana’s website – www.marianaresources.com

Assay Results

A total of 45 rock-chip samples were collected during the initial reconnaissance of the area in the western part of Sierra Blanca. Assays have returned up to 1.61 g/t (grams/tonne) gold & 91 g/t silver over 1.4m width and 1.15 g/t gold & 136 g/t silver over 1.2m width.

Significant anomalies of epithermal pathfinder elements included elevated values of lead (up to 1.37%), zinc (0.12%), mercury (5.2 ppm), arsenic (2,140 ppm) and antimony (3,110 ppm).

Results from assays of the remaining seven samples are expected shortly and a detailed assessment of all new assay results will be undertaken.

Analyses for the samples were performed by ALS Chemex Laboratory, an internationally recognized assay service provider, in Santiago de Chile.

Geophysical Survey

The geophysical survey, which is currently being conducted by Quantec Geoscience Argentina S.A., will include two areas of ground magnetics surveying covering 296 line kilometres and four blocks totaling 55 line kilometres of IP surveying.

When the geophysical survey data has been processed and all assay data has been received, Mariana will plan further drilling on the property to be undertaken in 2008.

Sierra Blanca and Cañadon Largo are held in joint venture with IAMGOLD whereby Mariana can earn a 70% interest in the two properties by expenditure of US\$2M by October 2009.

On the Sierra Blanca property an initial 2,524 metres of reconnaissance diamond drilling was carried out in January 2007 (see AIM Release dated 2 March 2007). No economic grades were intersected in this preliminary program but drilling confirmed the epithermal nature of the vein target, warranting further work as outlined above.

Commenting today, Mariana's Managing Director John Sutcliffe said: "*Sierra Blanca is a very large target with at least 30 kilometres of intermediate sulphidation epithermal veins in an area where recent volcanic cover has hindered initial reconnaissance exploration. The new vein discovery is most exciting and we look forward to the next round of drilling once all the data has been studied and targets identified*".

ON BEHALF OF THE BOARD

John Sutcliffe
Managing Director

For more information:

Mariana Resources Limited		RFC Corporate Finance Limited (Nomad)	
John Horsburgh (Chairman)	+61 2 9437 4588	Rob Adamson	+61 2 9250 0041
John Sutcliffe (MD)	+5932 298 6464	Will Souter	+61 2 9250 0050
Conduit PR Limited (Public Relations)		Haywood Securities (UK) Limited (Broker)	
Laurence Read	+44 20 7429 6605 +44 797 9955 923	Daniel Brooks	+4420 7031 8000
Ed Portman	+44 20 7429 6667 +44 773 3363 501		

Or visit website at www.marianaresources.com

ADDITIONAL INFORMATION

The exploration programme is being supervised by the Argentina Exploration Manager, Dr Gustavo A. Rodriguez and Managing Director Mr John Sutcliffe. Samples were prepared by ALS Chemex in Mendoza, Argentina, using standard industry practice. Exploration information in this announcement has been compiled by John Sutcliffe who is a Fellow of the Geological Society of London, a Chartered Engineer and a Member of the Institute of Mining and Metallurgy. Mr Sutcliffe has sufficient experience relevant to the style of mineralisation and types of gold deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the JORC Code.

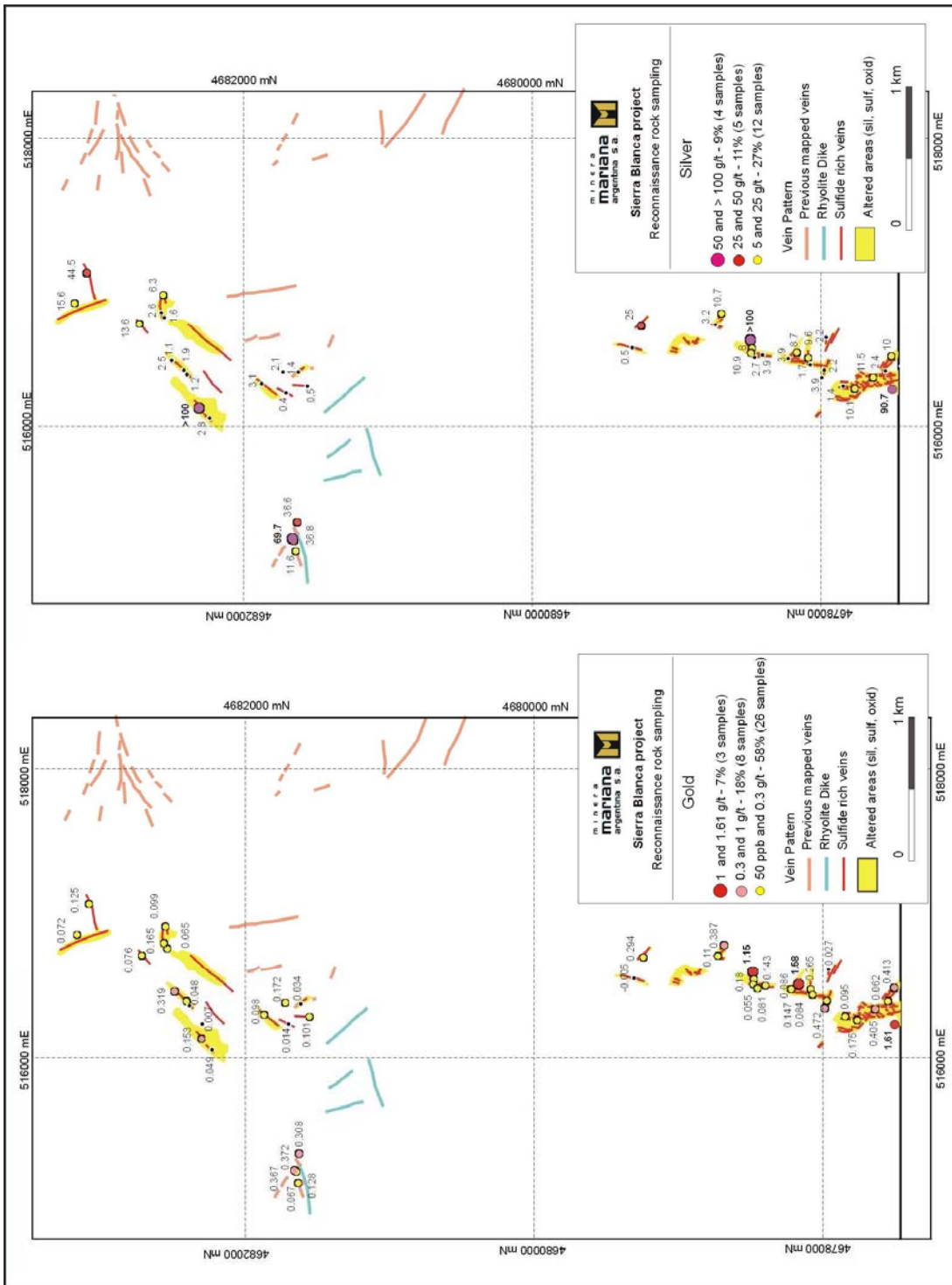


Figure 2: Assay results from reconnaissance rock chip sampling in the newly identified area at Sierra Blanca.