

Mariana discovers new high grade gold targets at Pampa del Tongoril, Santa Cruz, Argentina

- **Pampa del Tongoril II property (5,600 Ha) is located in eastern Santa Cruz, 50 km to the north of Tres Cerros.**
- **Mariana previously reported a poorly exposed 700m NW trending zone of multiple quartz-sulphide stockwork veining and vein breccias with rock chip assays including 21.7 g/t Au / 62 g/t Ag, 3 g/t Au / 6 g/t Ag and 1.2 g/t Au / 133 g/t Ag.**
- **A new zone has been discovered 600m to the north consisting of suboutcropping vein breccias striking NE for more than 400m with visible gold in limonitic vugs with assays ranging from 0.5 to 18.9 g/t of gold and 6 to 56 g/t of silver.**

Mariana Resources Ltd. (“Mariana”) is pleased to announce further promising rock chip gold results from its wholly owned Pampa del Tongoril II prospect, located in the Deseado Massif of Santa Cruz Province, southern Argentina. Mariana has discovered a zone located 600 m to the north of the previous discovery consisting of multiple suboutcropping vein breccias striking NE for more than 400m. Visible gold has been identified in limonite filling vugs with minor pyrite and arsenopyrite. Initial rock chip sampling returned gold and silver values ranging from 0.5 to 18.9 g/t Au and 6 to 56 g/t Ag (see Figure below) and strong arsenic (up to 2,120 ppm), mercury (13.5 ppm) and antimony (198 ppm). The previously announced discovery, a NW trending zone, located in the southernmost part of the area has high grade gold and anomalous silver including 21.7 g/t Au / 62 g/t Ag, 3 g/t Au / 6 g/t Ag and 1.2 g/t Au / 133 g/t Ag. The mineralization occurs in a poorly exposed 700m belt, up to 150m wide, consisting of quartz-sulphide stockwork veining (see releases May 6th and September 10th 2008).

Mariana has been advised that the concession application was correctly filed, that it is not subject to any conflicting application and that tenement grant is imminent.

See Mariana website to view diagram:

www.marianaresources.com

Commenting today, Managing Director of Mariana Resources Ltd, John Sutcliffe said *“We are excited about these high grade gold results from reconnaissance at recently staked Pampa del Tomgoril II. We look forward to advancing to the drilling stage in the near term.”*

ON BEHALF OF THE BOARD

John Sutcliffe
Managing Director

For more information:

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ADDITIONAL INFORMATION

The exploration programme is being directed by the Argentina Exploration Manager, Dr Gustavo A. Rodriguez under supervision of Managing Director Mr John Sutcliffe. 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 mineralization 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.

Quality Assurance/Quality Control

All technical information for the Company's Argentina projects is obtained and reported under a quality assurance and quality control (QA/QC) program. All samples are collected under the supervision of the Company geologists and dispatched via commercial transport to ALS Chemex laboratories in Mendoza, Argentina, and assayed in Santiago de Chile. ALS Chemex's quality system complies with the requirements for the International Standards ISO 9001:2000 and ISO 17025: 1999. Samples returning greater than 10 g/t gold and/or greater than 100 g/t silver are assayed using gravimetric analyses. Systematic assaying of sample duplicates and commercially prepared standards and blanks is performed for analytical reliability.

PAMPA DEL TONGORIL II CLAIM
(5566 HA)

4728000 mN

4725000 mN

4722000 mN

606000 mE

609000 mE

612000 mE

0 1000
metres

