

Attention Business Editors:

Mirasol Reports Discovery of a New High Grade Silver Vein, Santa Cruz, Argentina

VANCOUVER, Jan. 6 /CNW/ - Mirasol Resources Ltd. (TSX-V: MRZ, Frankfurt: M8R) is pleased to announce the discovery of a new high-grade silver vein, the Julia vein, part of the Virginia vein zone located on a 100% Mirasol-owned mineral property within the Area of Special Interest for Mining in Santa Cruz province, Argentina, where mining development is permitted and four precious metal mines are in operation.

The Julia vein was discovered while following up alteration and structural targets during November 2009. There are no indications that it had ever been previously prospected or sampled. Assay results are available for the Julia Vein, but remain pending for other nearby vein structures found subsequently (Figure 1).

Initially, thirty rock chip samples from outcrop, subcrop and float of the Julia vein were collected and returned silver values of between 21.9 and 2,660 grams per tonne (g/t) silver. Gold values range from (less than) 0.01 to 0.14 g/t (Table 1). The average silver grade of the initial 30 samples is 645 g/t (18.8 troy ounces per short ton), but sampling indicates that segments of the vein may contain higher silver grades, perhaps over 1,000 g/t silver. Further exploration will be required to determine what the average grade of the vein may be and if there are higher grade shoots within it.

The Julia vein is traceable over a length of greater than 2,000 metres in outcrop, subcrop and as large float blocks, and displays changes in azimuth as well as probable vein splits or splays. The wall rock to the vein is rarely exposed. The width of the Julia vein appears to range from under one metre to at least 5 metres, but lack of wall rock exposure and early stage of exploration do not permit an average width to be determined.

Julia is an epithermal quartz vein with very high silver to gold ratios. Two principal vein textures have been observed: multi-phase banded vein, which typically forms along the vein's margin, and breccia vein comprising fragments of vein material and lesser wall rock, hosted in an iron oxide and silica rich matrix. Both vein styles are silver-bearing. Quartz textures include chalcedonic, saccaroidal, crystalline and comb quartz with open spaces present. Iron and manganese oxides are abundant at surface, and sulphides are rarely present except for galena in a few cases.

Subsequent exploration in December, 2009, by Mirasol geologists included saw channel sampling of the Julia vein with geological mapping at 1:50 scale of the channels, mapping at 1:2,000 scale of the vein, and further prospecting. During the prospecting work, new outcropping and subcropping veins were discovered and sampled. The Naty and Margarita veins display textures very similar to the banded vein and breccia vein material of the Julia Vein, while the Ely veins mainly comprise breccia vein material. A total of 283 rock samples (including control samples) were collected during the work described above with assays results pending.

<<

Table 1. Julia Vein - Rock Sample Geochemical Results

Sample Number	Rock Sample Type	Width/ Diameter (m)	Gold (g/t) (2)	Silver final (g/t) (1)
MRR08728	Float Select	5.0	-0.005	21.9
MRR08726	Outcrop Chip	0.5	0.066	321.0
MRR08724	Outcrop Chip	2.0	0.017	303.0

MRR08725	Outcrop Chip	1.2	0.061	1140.0
MRR08721	Outcrop Chip	0.3	0.058	208.0
MRR08722	Outcrop Chip	0.5	0.054	316.0
MRR08720	Outcrop Chip	2.5	0.023	326.0
MRR08723	Outcrop Chip	1.2	0.020	552.0
MRR08719	Outcrop Chip	1.0	0.043	2660.0
MRR08701	Outcrop Chip	0.6	0.100	2360.0
MRR08702	Outcrop Chip	0.3	0.083	922.0
MRR08717	Outcrop Chip	2.0	0.052	1070.0
MRR08718	Float Select	1.0	0.025	60.7
MRR06525	Outcrop Chip	2.3	0.117	608.0
MRR06523	Outcrop Chip	2.0	0.046	403.0
MRR06524	Outcrop Chip	2.0	0.139	625.0
MRR08738	Subcrop Select	2.0	0.011	394.0
MRR08739	Outcrop Chip	1.5	0.034	804.0
MRR08740	Outcrop Chip	1.5	0.032	721.0
MRR08741	Outcrop Chip	1.5	0.010	2530.0
MRR08742	Outcrop Chip	3.0	0.033	116.0
MRR08743	Outcrop Chip	0.5	0.010	84.0
MRR08750	Outcrop Chip	1.5	0.076	95.6
MRR08901	Outcrop Chip	1.0	0.028	618.0
MRR08749	Subcrop Select	1.0	0.038	216.0
MRR08748	Outcrop Chip	2.5	0.045	875.0
MRR08746	Subcrop Select	0.5	0.005	38.0
MRR08747	Outcrop Chip	1.5	0.006	388.0
MRR08745	Float Select	0.5	0.015	228.0
MRR08744	Subcrop Select	3.0	0.024	338.0
Minimum			-0.005	21.9
Maximum			0.139	2660.0
Arithmetic average			0.043	644.7

Notes

All analyses done by ALS Chemex Laboratory

1. Silver results less than 100 g/t are by ME-ICP41; silver results from 100 to 1500 g/t are by Ag-OG46; silver results (greater than)1,500 g/t are by Ag-GRA21
2. Gold by Au-AA24

>>

"Mirasol continues to execute its strategy as a successful prospect generator and discoverer of new, high-quality precious metals prospects", stated Mirasol's president, Mary Little. "We are optimistic that the work completed in December will further advance the Julia vein and the potential of newly identified peripheral veins. Mirasol intends to continue exploring the Virginia vein zone for its own account and is planning additional work in early 2010."

Paul G. Lhotka, Principal Geologist for Mirasol, is the Qualified Person under NI 43-101 who has approved the technical content of this news release.

Quality Assurance/Quality Control:

Exploration at Mirasol's Projects is supervised by Stephen C. Nano, Vice President of Exploration; Exploration Manager, Timothy Heenan; and Principal Geologist, Paul Lhotka, all qualified persons under NI 43-101. All technical information for the Company's projects is obtained and reported under a formal quality assurance and quality control (QA/QC) program. Rock chip and stream sediment samples are collected under the supervision of Company geologists in accordance with standard industry practice. Samples are dispatched via commercial transport to an ISO 9001:2000-accredited laboratory in Mendoza, Argentina for analysis. Results are routinely examined by an independent geochemist to ensure laboratory performance meets required standards.

All assay results reported herein are for rock chip samples; assay results from drill core samples may be higher, lower or similar to results obtained from surface samples.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

%SEDAR: 00021558E

/For further information: Mary L. Little, President and CEO, Tel: (604) 602-9989, Fax: (604) 609-9946, Email: contact(at)mirasolresources.com, Website: www.mirasolresources.com/
(MRZ.)

CO: Mirasol Resources Ltd.

CNW 10:12e 06-JAN-10