

Press Release
Sept. 27th, 2006



PROFILE

Plexmar is a junior company focused on precious metals in Peru

PROPERTIES

Gold : Oro Del Norte, Marilia, Bolsa Del Diablo in Peru

CORPORATE INFO

- 108 M shares outstanding
- Symbol: **PLE** (TSX-V)

website :
www.plexmar.com

UPDATE ON BOLSA DEL DIABLO

SAINTE-FOY, September 27, 2006. Plexmar Resources Inc. (TSX-V:PLE), is pleased to announce that its team of geologists has uncovered a new area of economic potential located on its Bolsa del Diablo project. The new area named 'Pena Blanca' is located 10 kms north of the actual area where the Company is carrying out detailed ground geophysics. The host rock is the Lancones volcanic unit cut by granodioritic and dacitic intrusive rocks in which mineralized breccias with strong argilic alteration (quartz, sericite-pyrite) with disseminated sulphides are found. Silica caps covered by quaternary material can be found in numerous areas which may indicate that these alterations have not been eroded. Structurally, this new zone is associated with the gold bearing corridor oriented NE-SW in which the core zone of Bolsa del Diablo is located. Over 95 chip, channel and composite samples have been taken and the best ones returned values of over 7.2 g/t Au in the veins and 4.5g/t Au in the breccias.

"The newly found Pena Blanca area, located 10 kms north of Bolsa del Diablo clearly demonstrates the potential to find numerous gold deposits in this structural corridor. Geological crews are being mobilized to continue the prospecting and detailed mapping that will eventually lead to a drilling program" Guy Bédard, president says.

On the core area, the airborne geophysics has been completed and the data will be received within two weeks for analysis by our geophysicist. The ground magnetic and topographic surveys are 90% completed and the IP survey should be completed by the end of next month. A diamond drilling program of at least 3,000 meters will start as soon as drill targets have been confirmed.

On Bolsa del Diablo, the best results from on-going samples are tabulated in the following pages. In total 115 samples were collected from the Angolos concession in veins, volcanics and intrusive rocks following up recently found vein type structures in highly altered volcanic and intrusive rocks. The best samples returned values of 60.9 g/t Au in the veins (channel sample), 25.8 g/t Au in the volcanic unit (chip sample) and 6.34 g/t Au in the intrusive unit (chip sample 5m dia.).

The Company will inform shortly its shareholders on the results of the negotiating process regarding the acquisition of the Escondida project in Ecuador.

All samples are analyzed by ALS Chemex in Lima. Guy Bédard, president, acted as the QP for the preparation of this news release.

On Bolsa del Diablo

Plexmar controls over 220 km² of land in Northern Peru near the border with Ecuador. Over 400 artisan miners are pulling gold on a daily basis from trenches or pits located in an area measuring approximately 6km² roughly centered within Plexmar's main claim block. The

zone is characterized by low to intense silica and clay hydrothermal alteration. All the volcanic rocks in the area of interest show pervasive argillic alteration and have developed very intense stockwork structures. Gold mineralization occurs partly as fracture fillings in the stockwork and also as dissemination throughout the rock. Limonitization is pervasive throughout the rock. This intense stockwork was observed in numerous places on the property.

The TSX Venture Exchange does not accept responsibility for the adequacy or accuracy of this release.

This press release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address future exploration drilling, exploration activities and events or developments that the Company expects, are forward looking statements. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions.

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BOLSA DEL DIABLO

VEINS

Channel samplings in the veins varying from 0.5m to 1.0m in width are taken at an average depth of 1m. Channel samples were taken either vertically or horizontally over a 2m interval. Chip samples cover an area of at least 0.5m in diameter. The best values are tabulated below:

SAMPLE NO.	GRADE g/t Au	TYPE
VERM-002-VN	60.90	Channel
SAM-059-VN	45.60	Channel
SAM-078-VN	31.80	Channel
ALVM-243-VN	27.10	Channel
SAM-072-VN	25.20	Channel
SAM-058-VN	24.70	Channel
SAM-086-VN	23.40	Channel
ALJ-032-VN	19.00	Channel
ALVM-245A-VN	18.80	Chips
ALVM-256A-VN	15.65	Composite
ALVM-245-VN	15.15	Chips
ALVM-256B-VN	13.85	Composite
SAM-062-VN	13.15	Composite
CVJ-003-VN	12.70	Chips
SAM-073-VN	12.45	Channel
SAM-061B-VN	11.75	Channel
ALVM-255-VN	10.85	Channel
ALVM-268-VN	9.77	Composite
ALVM-241-VN	7.44	Channel
SAM-085-VN	7.37	Channel
SAM-062A-VN	7.36	Channel
SAM-071-VN	7.35	Channel
ALVM-251-VN	7.33	Channel
OVEM-001B-VN	7.16	Composite
ALVM-248-VN	6.99	Channel
ALVM-257-VN	6.22	Composite
SAM-070-VN	6.02	Channel
CVJ-002-VN	5.70	Chips
C104AL-001-VN	5.51	Channel
SAM-061-VN	5.10	Composite
SAM-073A-VN	4.38	Channel
ALVM-237D-VN	4.26	Channel
SAM-079-VN	4.06	Channel
SAM-088-VN	3.46	Channel
ALVM-255A-VN	3.39	Composite
OVEM-001-VN	3.36	Channel
SAM-090-VN	2.37	Channel
OVEM-001A-VN	2.34	Channel
SAM-060-VN	2.34	Channel

INTRUSIVE UNIT

Chip samples were taken in the volcanics and cover an area of 0.5m in diameter. The best results are listed below:

SAMPLE NO.	GRADE g/t Au	TYPE
SAM-063-RX	6.34	Chip
SAM-062-RX	1.09	Chip
ALVM-243-RX	0.29	Chip
C105AL-001-RX	0.17	Chip

ALTERED VOLCANICS

Chip, channel and composite samples were taken in altered volcanics. All chip samples cover an area of 0.5m in diameter. Results again show that the volcanic unit bears high grade values. The best values are tabulated below:

SAMPLE NO.	GRADE g/t Au	TYPE
SAM-086-RX	25.8	Chip
SAM-081-RX	14.9	Chip
SAM-072-RX	6.64	Chip
SAM-084-RX	5.23	Chip
SAM-090-RX	2.36	Chip
ALVM-267-RX	1.53	Chip
SAM-078-RX	0.76	Chip
ALVM-252-RX	0.74	Chip
SAM-088-RX	0.68	Chip

PENA BLANCA AREA

In total 95 samples were collected. Channel samplings are taken at an average depth of 1m. Channel samples were taken either vertically or horizontally over a 2m interval. All chip samples cover an area of at least 0.5m in diameter. The best values are tabulated below:

SAMPLE NO.	GRADE g/t Au	TYPE	LITHOLOGY
OVEM-001B-VN	7.16	Composite	Vein
CHIM-042-RX	4.46	Chip	Breccia
OVEM-001-VN	3.36	Channel	Vein
OVEM-001A-VN	2.34	Channel	Vein
CHIM-040B-VN	1.57	Channel	Vein
CH1J-007-VN	1.32	Channel	Vein
CH1M-039-VN	1.23	Channel	Vein
PBL-003-VN	1.12	Channel	Vein
CHIM-005N-RX	0.61	Chip 9m dia.	Breccia
CHIM-040A-RX	0.53	Chip 9m dia.	Breccia