

Press Release
Oct.21st, 2006



BOLSA DEL DIABLO: AIRBORNE SURVEY AND SAMPLING RESULTS

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

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

website :
www.plexmar.com

SAINTE-FOY, October 31, 2006. Plexmar Resources Inc. (TSX-V:PLE), is pleased to announce results from the airborne magnetic and radiometric survey and on-going sampling from the Bolsa del Diablo project.

The 2,100 line-km survey was flown to collect magnetic and radiometric data over the 220 km² Bolsa del Diablo project. The data analysis has provided valuable structural information, has outlined numerous magnetic anomalies that may represent intrusive bodies and potassic soil anomalies. Within the core Bolsa Del Diablo area, on the Angolos concession, a large magnetic and potassic anomaly, measuring approximately 2.5km x 2.8km, is spatially coincident with the mapped altered intrusive body located within a larger alteration package hosting the vein type gold mineralization being mined by the artisans.

Preliminary alteration mapping using the PIMA technique (Portable Infrared Mineral Analyser) has identified the presence of alunite, which is a potassium rich hydrothermal alteration mineral. The alunite was identified within silicified hydrothermal breccias that surround the known intrusive. Anomalous potassium radiation has also been identified coincident to and surrounding the intrusive body. Since alunite is a potassium rich mineral, it is believed that an alteration facies specifically related with gold has been detected. Plexmar is excited by these results, as it implies that other areas identified with similar results within the 220 km² property represent new exploration targets. Please refer to www.plexmar.com for maps.

"We are excited by these results as it confirms that the intrusive body has a geophysical signature and that the alteration system is kilometric in size. It really opens the possibility to find similar systems elsewhere on this 220km² property." Says Guy Bedard, president.

A number of drill targets have already been identified and more will be added when the IP ground survey is completed.

On Bolsa del Diablo, the best results from on-going samples are tabulated below. In total 37 samples were collected from the Angolos concession in vein type rocks. The best samples returned values of **89.2 g/t Au** in the veins (channel sample). Channel samples in the pits were collected vertically every metre. The following samples were taken from shallow pits near the north boundary of the Angolos concession, some 2 km from the principal vein, where artisan miners have recently uncovered new vein type structures. Pits 1,2 and 3 are located 30 metres from each other.

Sample No.	Grade g/t Au Ag	Type	Comments
<u>4 meter deep PIT no.1</u>			
PBD-040 VN	14.75 13.8	Channel	sample in pit.vein filled with qtz in white intrusive with stockwork and heavy argilic alteration.

with stockwork and advanced argilic alteration

Sample No.	Grade g/t		Type	Comments
	Au	Ag		
PBD-040BVN	34.30	9.20	Channel	sample at 1.0m. qtz filled vein with oxides in intrusive with stockwork and advanced argilic alteration, sericite, kaolinite and alunite
PBD-040CVN	58.2	14.3	Channel	sample at 2.0m. qtz filled vein with oxides in intrusive with stockwork and advanced argilic alteration, sericite, kaolinite and alunite .
PBD-040DVN	54.2	12.5	Channel	sample at 3.0m. qtz filled vein with oxides in intrusive with stockwork and advanced argilic alteration, sericite, kaolinite and alunite
PBD-040EVN	60.6	12.2	Channel	sample at 4.0m. qtz filled vein with oxides in intrusive with stockwork and advanced argilic alteration, sericite, kaolinite and alunite
<u>5 meter deep PIT no.2</u>				
PBD-041AVN	53.0	13.6	Channel	sample at 1.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration.
PBD-041BVN	44.7	1.6	Channel	sample at 2.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration
PBD-041CVN	39.1	10.0	Channel	sample at 3.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration
PBD-041DVN	40.3	8.9	Channel	sample at 4.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration
PBD-041EVN	38.5	5.0	Channel	sample at 5.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration
PBD-041FVN	42.9	7.9	Channel	sample at 5.0m. qtz filled vein. with oxides in intrusive with stockwork and pervasive argilic alteration
<u>4 meter deep PIT no.3</u>				
PBD-045AVN	47.8	6.3	Channel	sample at 1.0m. qtz filled vein. with oxides with microfractures filled with hematite + silica
PBD-045BVN	47.2	6.6	Channel	sample at 1.0m. qtz filled vein. with oxides with microfractures filled with hematite + silica
PBD-045CVN	38.9	4.8	Channel	sample at 1.0m. qtz filled vein. with oxides with microfractures filled with hematite + silica
PBD-045DVN	38.6	5.1	Channel	sample at 1.0m. qtz filled vein. with oxides with microfractures filled with hematite + silica
PBD-045EVN	47.3	9.8	Channel	sample at 1.0m. qtz filled vein. with oxides with microfractures filled with hematite + silica
<u>Other Samples</u>				
PBD-042VN	89.2	16.5	Channel	Qtz vein filled with oxides in intrusive with stockwork and advanced argilic alteration, sericite, kaolinite and alunite
PBD-042AVN	26.10	15.0	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-042BVN	72.2	20.0	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-046AVN	19.8	4.1	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-046BVN	12.35	3.3	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-047AVN	2.73	0.5	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-047BVN	1.27	0.8	Composite	Qtz filled vein with oxides in volcanoclastic propilitic unit
PBD-048AVN	20.90	9.3	Channel	Qtz vein with pxydes highly silicified with cavities
PBD-048BVN	16.95	12.8	Channel	Qtz vein with pxydes highly silicified with cavities

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.

-30-

FOR FURTHER INFORMATION PLEASE CONTACT:

Guy Bédard, president
418 658-6776

OR

Paradox Public Relations
1-866-460-0408
1-514-341-0408