

Press Release
April 18, 2006



PROFILE

Plexmar is a junior company focused on precious metals

PROPERTIES

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

CORPORATE INFO

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

website :
www.plexmar.com

VOLCANIC AND INTRUSIVE ROCKS BEAR GOLD !!

SAINTE-FOY, **April 18, 2006. Plexmar Resources Inc. (TSX-V:PLE)**, announces recent sampling results from the Bolsa del Diablo property. A total of 209 samples were taken in three different rock types.

Samples were taken in three rock types: in veins, in volcanics and in the recently uncovered intrusive unit.

INTRUSIVE CHIP SAMPLES

A total of 24 chip samples were taken in altered intrusive rock and returned grades varying from 0.005 g/t Au to 18.05 g/t Au. Listed below are some of the best samples:

Sample No.	Grade g/t Au	Type	Description
ALVM 173-RX	18.05	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 174B-RX	7.32	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 175 RX	4.56	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 174A-RX	3.60	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 172-RX	3.53	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 176-RX	2.09	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 169-RX	0.99	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 171A-RX	0.898	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 178-RX	0.713	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 171B-RX	0.416	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures
ALVM 177-RX	0.275	Chip	Argilic zone with small qtz veins with cavities filled with remains of of FeOH (limonite. Goethite, hematite), microfractures with FeOh and Mn, greenish color.
ALVM 166B-VN	0.227	Chip	Argilic zone with small qtz veins with oxides, presence of FeOH (limonite. Goethite) barite, Mn oxide in fractures

All of the above samples were taken at varying intervals along a E-W line measuring approximately 89 meters long. The following table shows the distance between each sample going from west to east:

Sample No. From	Sample No. To	Distance meters
ALVM 178-RX	ALVM 177-RX	6.5
ALVM 177-RX	ALVM 176-RX	6.3
ALVM 176-RX	ALVM175-RX	10.9
ALVM 175-RX	ALVM 174A-RX	13.6
ALVM 174A-RX	ALVM 174B-RX	0.0
ALVM 174B-RX	ALVM 173-RX	11.8
ALVM 173-RX	ALVM 172-RX	10.0
ALVM 172-RX	ALVM 171A-RX	14.2
ALVM 171A-RX	ALVM 171B-RX	0
ALVM 171B-RX	ALVM 169-RX	24.2

Sample ALVM 170RX, which ran 0,015 g/t au is located roughly midway between samples ALVM 171B-RX and ALVM 169-RX.

VEIN CHANNEL SAMPLES

A total of 62 vein channel samples were taken in artisan workings, grades vary from 0.005 to 18.7 g/t Au. Each sample represents a 2 metre vertical section of the vein across its face. Here are some of the best samples:

Sample No.	Grade g/t Au	Type	Description
ALVM 104-VN	18.70	Channel	Qtz vein with oxydes (hematite, goethite), developed geodes in some areas.
ALVM 064-VN	16.85	Channel	Qtz vein with oxides, red color
ALVM-062-VN	9.11	Channel	Qtz vein with oxydes, red color, (lim., hem.) host rock is volcanic with silica and argillic alteration.
P7ALM 006-CH	9.02	Channel	Qtz vein with oxides, MnO locally, some qtz geodes
ALVM 109-VN	7.35	Channel	Principal vein, white qtz with oxides, at 33m depth
ALVM 110-VN	6.94	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM 120-VN	6.80	Channel	Qtz vein with oxides, (hematite, limonite) host rock is argilitized
ALVM 108-VN	6.61	Channel	Principal vein, white qtz with oxides, at 31m depth
ALVM 112-VN	6.30	Channel	Principal vein, white qtz with oxides, contains galena, calcosine, malachite, azurite. At 18m depth
ALVM 162-VN	5.50	Channel	Qtz vein with oxides, (hematite, limonite), silica, principal vein at 32m depth
ALJ 029-VN	4.48	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM 111-VN	4.13	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM 181-VN	4.05	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-157-VN	3.65	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-159-VN	3.59	Channel	Qtz vein with oxides, (hematite, limonite)
P7ALM-002-CH	3.52	Channel	Qtz vein with oxides, (hematite, limonite)
P7ALM-004-CH	3.51	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-077-VN	3.49	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-072-VN	3.33	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-116-VN	3.26	Channel	Qtz vein with oxides, (hematite, limonite)
ALVM-105-VN	2.63	Channel	Qtz vein with oxides, (hematite, limonite) red=brown color
ALVM-161BVN	2.39	Channel	Qtz vein coffe-white-red color, milky qtz with oxidess, diss. Sulph. 1%. MnO abundant. Principal vein @ 18M depth.purple color (hematite, goetite)
ALVM-100-VN	1.96	Channel	Qtz vein with oxides, intense red purple color (hematite, goetite)
ALVM-071-VN	1.93	Channel	Qtz vein with oxides, intense red purple color (hematite, goetite)
ALVM-127-VN	1.85	Channel	Qtz vein with oxides, intense red color (hematite, goetite)
ALVM-076-VN	1.50	Channel	Qtz vein with fractures filled with silica and oxides (Lim., Hem.) spotty MnO

VOLCANIC CHIP SAMPLES

A total of 123 chip samples were taken in the volcanic unit. Values range from 0.005 to 4.5 g/t Au. All samples are representative of a 5m diameter around a center point. Following are some of the best samples:

Sample No.	Grade g/t Au	Type	Description
ALVM 099-RX	4.50	Chip Ø 5m	Argilized volcanics, fractures filled with FeOH
ALVM 080-RX	0.935	Chip Ø 5m	Silica cap, volcanics lightly purple with calcedonic stockwork & oxides
ALJ 023-RX	0.531	Chip Ø 5m	Purple volcanic, local Py, fine & dissem. 1%, traces of alunite
P8ALM 013-RX	0.495	Chip Ø 5m	Silica cap. Volcanics lightly purple with qtz stockwork & FeOH
P8ALM 015-RX	0.435	Chip Ø 5m	Silica cap, red volcanics, small grey qtz veins & Oxides
ALVM 149-RX	0.432	Chip Ø 5m	Silica cap, red, qtz stockwork, calcedonia & oxides in dissem. Oxides areas
ALJ 012-RX	0.302	Chip Ø 5m	Silica cap, red, qtz stockwork, calcedonia & oxides in dissem. Oxides areas urple volcanic rock , Py dissem. 1%
ALVM 058-RX	0.288	Chip Ø 5m	Volcanic purple, diss. Py 1%. Locally milky qtz & FeOH
ALVM 123-RX	0.264	Chip Ø 5m	Andesitic volcanic rock, greenish, oxides filling fractures
ALJ 027-RX	0.228	Chip Ø 5m	Silica cap, purple, stockwork with calcedonia & oxides
ALJ 024-RX	0.215	Chip Ø 5m	Purple volcanic, local Py, fine & dissem. 2%, limonite in fractures
ALJ 025-RX	0.207	Chip Ø 5m	Purple volcanic, local Py, fine & dissem. 1%, limonite in fractures
ALJ 026-RX	0.162	Chip Ø 5m	Purple volcanic, local Py, fine & dissem. 1%, limonite in fractures

Plexmar is particularly pleased with high gold values found in the altered intrusive rocks and believes this supports the theory that the Bolsa del Diablo project contains an extensive gold bearing alteration system affecting both volcanic and intrusive rocks.

There are over 120 samples presently being assayed at the lab. Most were taken in the altered intrusive and volcanic rocks in areas where the best grades were reported. Results will be released as soon as possible.

All the above results can be viewed at www.plexmar.com under the Bolsa del Diablo project. Maps have been uploaded on the site and show the extensive area covered by the gold mineralization.

All samples are analyzed by ALS Chemex in Lima. Martin St-Pierre acted as the QP for the preparation of this news release.

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

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