

NEWS RELEASE
PLATEADO – RECONNAISSANCE SOIL SAMPLING AT LOS PLANES COMPLETED

Vancouver, BC - April 13, 2007: Odin Mining and Exploration Limited (“Odin”) is pleased to announce the results of 402 top-of-bedrock soil samples comprising the third and final batch from the current programme of reconnaissance soil sampling at the Los Planes gold prospect, the southernmost target within Odin’s South Plateado project area in south-eastern Ecuador.

The table below summarizes the new results for gold and arsenic and compares them to the previous results. Initial plans of the distribution of the gold and arsenic results are given as Figures 1 and 2.

AREA element	percentile				
	min	10%	50%	90%	max
RECCE GRID (part 1: Oct/Nov 2006 -200 samples)					
Au (ppb)	1	5	24	140	417
As (ppm)	3	8	34	161	1777
RECCE GRID (part 2: Dec 2006 - 455 samples)					
Au (ppb)	<0.5	2	14	88	4324
As (ppm)	<0.5	3	19	126	6153
RECCE GRID (part 3: Jan 2007 - 402 samples)					
Au (ppb)	<0.5	2	9	85	5444
As (ppm)	<0.5	3	23	317	3234
TOTAL RECCE GRID [part 1+2+3] (1057 samples)					
Au (ppb)	<0.5	3	14	100	5444
As (ppm)	<0.5	3	23	193	6153

Table 1 Summary of top-of-bedrock soil sampling results (-80 mesh fraction)

The current programme was designed to obtain systematic soil sample coverage over the entire extent of the NNE trending, 4000 m x 700 m (approx 300 hectare), + 15 ppb gold, soil anomaly, as interpreted from the results of reconnaissance ridge and spur sampling carried out in 1997 by Cambior Inc. (“Cambior”). At that time Cambior was Odin’s joint venture partner in the project.

This large, low-value soil anomaly contains several, abandoned, artisanal gold workings, where narrow, low-sulphide, epithermal/mesothermal quartz veins hosted by andesites of the Misahualli formation have historically given localized spot grades of up to 105 g/t gold. In contrast, the rock sampling of the quartz veins and veinlets located in Odin’s 2004 field programme gave a maximum gold value of only 5.5 g/t Au. Nevertheless, the gold values are supported by anomalous arsenic values ranging up to a maximum value of 5100 ppm As. Consequently, it is postulated that these

exposures of low-grade quartz veins and veinlets might represent geochemical leakage from a more substantial body of higher-grade, vein-type mineralisation at depth.

The reconnaissance soil-sampling programme was carried out on a 10m x 320m staked grid to infill the area between the two, more detailed grids (10m x 80m in the north and 10m x 160m in the south) sampled in 2004 and to extend the sampled area further northwards. Samples were collected by hand-auger at the soil/bedrock contact, sometimes at depths of over 7 m. The minus 80 mesh (sub 180 micron) fraction of all samples was analysed by ACME Analytical Services Limited in Vancouver for gold, arsenic and 34 other elements using ICP-MS after an aqua-regia leach on a 30 gm aliquot.

Anomalous gold (>100 ppb Au) and arsenic (>100 ppm As) occur on all lines sampled over a strike length of 3500 m. The anomalous arsenic values correlate closely in space with the anomalous gold values. However, the arsenic values tend to have a more consistent and extensive distribution than the gold values. At the wide spacing used detailed correlation of anomalies from line to line for both gold and arsenic is uncertain, and hill creep on the steep, often forested, terrain with slopes up to 45°, and the narrow widths of the quartz veins and veinlets being targeted further complicate the situation.

The main concentrations of higher values are still within the areas of the grids sampled in 2004. However, obvious arsenic and gold anomalies are clearly present on the lines immediately south and north of the northern grid sampled in 2004 and on the line immediately north of the southern grid sampled in 2004. This indicates a potential for further infill sampling to extend these known anomalies. Furthermore, a new arsenic anomaly seems to be developing on the northernmost two lines although the associated gold values obtained to date are relatively muted.

The field crews have now started a programme of geological mapping, rock sampling and stream sediment sampling along the creeks around the main soil anomalies in order to obtain additional evidence as to the distribution of gold in the bedrock. It is hoped that the steep nature of the terrain will allow an insight to be gained into any indications of an increase in thickness and/or grade of the veins and veinlets with depth.

The Los Planes target is covered by a single block of 4 mineral rights concessions totalling 2140 ha, including the recently awarded Marilu 16-A concession. The South Plateado project area contains another 4 concessions covering an additional 5355 hectares mostly centred on the as yet poorly explored Sangola anomaly. All the concessions are 100% held by Prominas SA, one of Odin's two wholly owned Ecuadorian operating companies.

Mr Michael Potter, BA, MSc, MBA, MIMM, MAusIMM, CSci, CEng, a qualified person within the definition of that term in NI 43-101 of the Canadian securities administration, has reviewed the technical information contained in this report.

Stephen Stow, President of Odin, adds as follows:

“The coincident and well defined gold and arsenic anomalies evident in these results, should help us to vector in on our target mineralisation. We must now wait for the independent assay results from rock samples collected at the same time within this anomalous area. The rock sample results are expected in the next few weeks. We will then have a more complete picture. We are encouraged sufficiently to continue to plan to invest in further work in this area.”

Odin Mining & Exploration Ltd. is listed on the TSX Venture Exchange (symbol ODN).

“ *Stephen W C Stow* ”

Stephen W C Stow
President

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

Forward-Looking Statements: Statements in this release that are forward-looking statements are subject to various risks and uncertainties concerning the specific factors disclosed under the heading "Risk Factors" and elsewhere in the corporation's periodic filings with Canadian Securities Regulators. Such information contained herein represents management's best judgment as of the date hereof based on information currently available. The company does not assume the obligation to update any forward-looking statement.

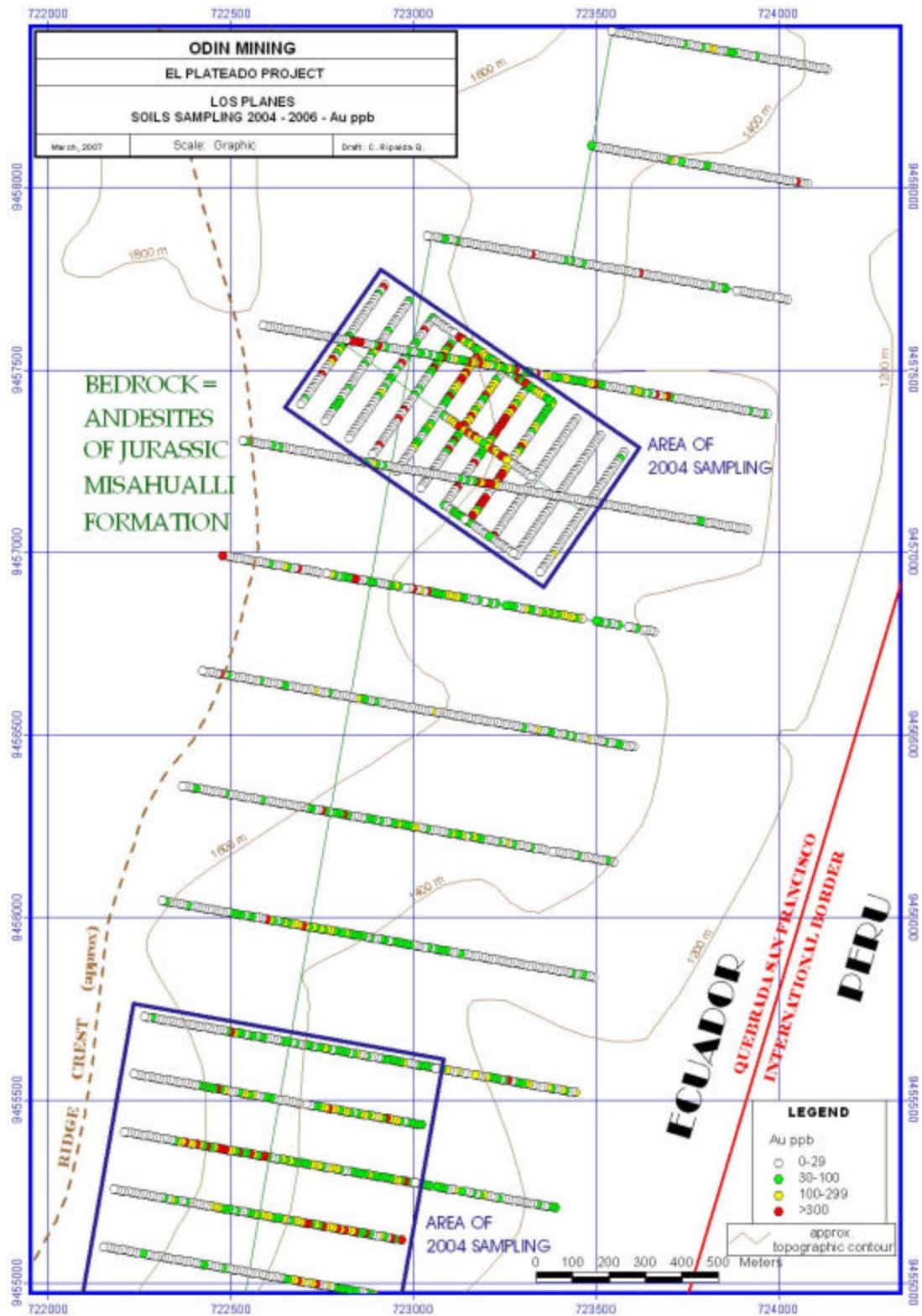


Fig 1 Los Planes Project: soil sampling results: GOLD (ppb Au)

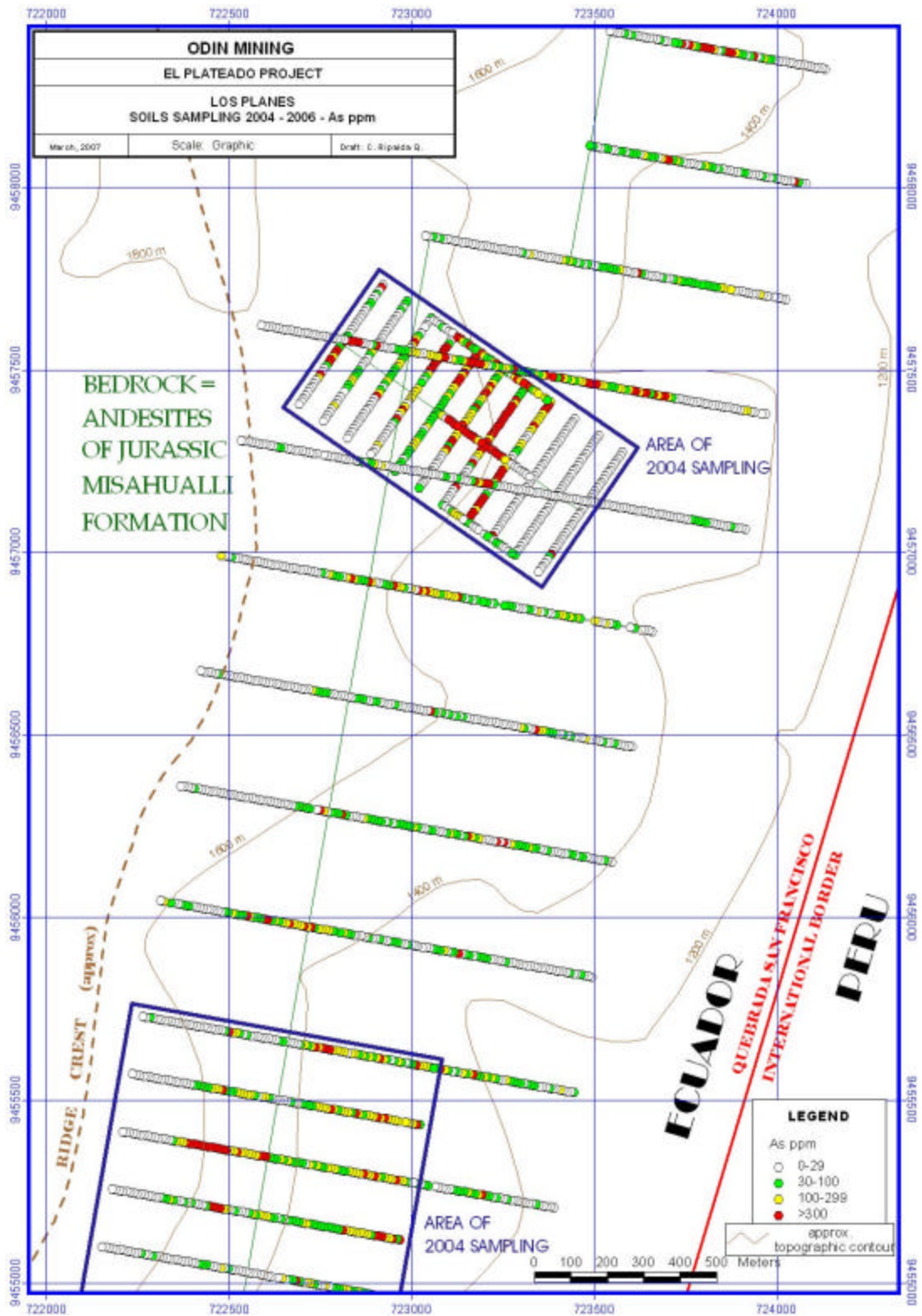


Fig 2 Los Planes Project soil sampling results: ARSENIC (As ppm)