

# Samaranta identifies Pb-Cu-Zn±Au-soil geochemistry anomaly on Guadalupe Results include gold grades in soils samples up to 1486 ppb

Vancouver, B.C. (September 18, 2012) Samaranta Mining Corporation. (TSX.V: SAX; "Samaranta or the "Company") has received the results of a widely spaced soil geochemistry program covering the entire Guadalupe property in Segovia, Colombia. Survey lines were oriented NW- SE to best cross cut the NE-SW orientation of high-grade gold veins such including the San Nicholas and Cristales mines, which occur approximately 50 m to the south and 1000 m to the southwest, respectively, of the property. The purpose of the soil survey was to geochemical characterize the underlying rock types and determine if any lithologies were enriched in gold, or associated pathfinder elements, and correlate them with potential mineralized structures or lithologies.

A total of 130 soil samples were collected over the license area with a line spacing of 500 m and a sample spacing of 500 m. The geochemical survey identified a weak coincident Cu-Pb-Zn anomaly as defined by Cu> 29 ppm; Pb>29 ppm and Zn > 46 ppm that appears to be primarily associated with a mapped contact between a meta-argillite/metachert (metamorphosed sedimentary unit) and felsic tuff, and also an apparent continuation of the Cristales gold mine trend. The anomaly thresholds were defined by samples containing metal concentrations greater than 2-sigma values. Across the survey area metal concentrations ranged from below detection limits to maxima of 114 ppm Cu, 222 ppm Pb, and 354 ppm Zn.

Gold concentrations within the broader Cu-Pb-Zn anomaly are somewhat sporadic. Approximately half of the samples within the broader Cu-Pb-Zn anomaly returned Au concentrations below detection limit; however several strongly anomalous samples were located including values of 1,486 ppb Au. At the southern end of the Guadalupe property three contiguous samples in an east –west orientation, taken along what is mapped as a hornfelsed (thermally metamorphosed) contact between metasediments and diorite comprising the main Segovia Batholith, returned gold concentrations of 157, 1,486 and 796 ppb Au with anomalous Pb and Zn concentrations. The contiguous anomalous gold samples occur on the sides of a valley and could be the result of soil creep or hydrological dispersion. Additional sampling and mapping is required to better define this strong gold anomaly.

A 2 km long, NE-trending Pb-Cu-Zn±Au-soil geochemistry anomaly appears to lie on the western flank of an Induced Polarization ("IP") chargeability anomaly identified during a recent IP survey, and is coincident with a strong linear airborne magnetic anomaly which appears related to vein development at the Cristales mine. Published reports indicate the mineralized veins at both Cristales and San Nicholas dip approximately 30°to the east/ southeast. The geochemical and geophysical observations at Guadalupe are generally consistent with the signature from a shallow southeasterly dipping vein. Evidence suggests that mineralization will likely be confined to the underlying diorite, and therefore drilling is required to confirm the geological model.

Ongoing exploration activity will focus on the contact between the Segovia Batholith (diorite) and the intruded metasedimentary and metavolcaniclastic rocks. This work will include detailed prospecting of a 1100 x 600 m area through closed spaced soil sampling and lithogeochemical sampling. While this work is being undertaken the Company will continue with its due diligence on the recently announced (September 1<sup>st</sup>, 2012) Segovia Gold Tailings project.



Technical information in this news release has been reviewed by Dr Sandy M. Archibald, PGeo, a qualified person as defined in NI 43-101.

## SAMARANTA MINING CORPORATION

#### Per: Gunther Roehlig,

### President

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