Rugby Mining Ltd. Completes Detailed Sampling / Magnetics at El Zanjon Gold-Silver Project

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VANCOUVER, June 21, 2021 - Rugby Mining Ltd. ("Rugby" or the "Company") (TSX-V: RUG) is pleased to report encouraging follow-up soil sampling results from El Zanjon, Patagonia. The program is designed to discover an intact epithermal gold-silver system beneath shallow sedimentary cover. The ultrasensitive analytical method being employed is defining numerous discrete multi-element geochemical anomalies associated with interpreted fault structures.

Highlights

- Ultra low-level Ionic leach geochemistry is capable of "seeing through" gravel cover into the underlying bedrock. Rugby is targeting flexures within major faults that trend south from the Cerro Vanguardia gold-silver mine onto El Zanjon (Figure 1).
- A total of 876 samples that have been collected to date.
- Gold values range from <0.02 to 2.3 ppb (Figure 3) and silver values range from 0.3 to 70.3 ppb (Figure 4).
- An area of highly anomalous arsenic (max 1,195 ppb), molybdenum (max 1,420 ppb) and mercury (max 4.4 ppb) with coincident gold and silver is defined near the centre of the property (Figure 5).
- Follow-up sampling and geophysics are planned to define drill sites.

Yale Simpson, Rugby's Chairman, stated, "Low-level geochemistry is working remarkably well in locating potential leakage from a concealed epithermal gold-silver system below recent gravels. We are very encouraged by the clustering of anomalous values, but feel we need to close in from 160 metre lines to 80 metre lines prior to drilling. We expect that program will commence in October, immediately following the Argentine winter. Drill permitting has been initiated.

"Rugby's field work is being conducted by Biz Latin Hub S.A. (BLH), contractors/consultants managed by Fernando Chacon, with whom management worked within the discovery of Cerro Moro."

Figure 1: Major mineralizing structures in Deseado Massif Gold-Silver District showing the priority targets at the El Zanjon Project

Host rocks at El Zanjon are the prospective Chon Aike Formation which hosts the major high-grade gold-silver epithermal orebodies in Santa Cruz Province.

The results from the 876 geochemical samples are encouraging and have delineated numerous coherent multi-element targets: Blanca, Antonia and Martina prospects. Samples were assayed for 61 multi-elements using ultra sensitive Ionic Leach by ALS (Vancouver). To date 13 zones of anomalous gold-silver geochemistry associated with interpreted magnetic structures (Figure 2`) have been identified. A number of these anomalies have coincident lower pH readings suggesting an acidic environment which can indicate oxidizing sulfides at depth, an association common to other epithermal projects in the region.

Figure 2: El Zanjon prospect location showing prominent structures and soil sample locations

Figure 3: Soil sample geochemical results - GOLD (ppb) and magnetics

Figure 4: Soil sample geochemical results - SILVER (ppb) and magnetics

Figure 5: Antonia & Martina prospects showing geochemical anomalies and magnetics

An Environmental Impact Assessment (EIA) is currently being prepared for the future drilling program. EIA's are currently taking approximately 6 months for approval.

Sampling Methodology

- The soils were sampled following ALS laboratories sampling instructions.
- All site locations were recorded as WGS84, UTM Easting and Northing coordinates Zone 19 using a hand-held Garmin eTrex? 20.
- Samples were collected from 10 cm to 20 cm below the surface.
- A 120-gram sample was collected and placed in a Ziplock plastic bag with the sample number permanently marked on the bag.
- The bag was folded over to remove most of the air and sealed, then placed in another plastic bag again removing as much air as possible prior to sealing.
- Jewelry was removed and only plastic and wooden implements were used.
- All 876 samples were placed in plastic boxes and dispatched to ALS (Vancouver) for Ionic Leach analysis by ME-MS23™ method.
- Laboratory duplicate samples were included in the analyses.

Data Analysis

- The geochemical data were imported into the project's database for geostatistical analysis, determination of correlation and geochemical mapping.
- The dataset of 876 assays was filtered by soil type and grouped in Sand and Gravel (SG) or Tertiary (TR) to analyse them independently.
- Geostatistics were calculated using Discover software for the sub-dataset Ag, As, Au, Cu, Fe, Hg, Mo, Pb, Sr, Te and Zn.
- The percentiles were then used to prepare accurate geochemical thematic maps with the objective of distinguishing anomalies.

Paul Joyce, Rugby's Chief Operating Officer, Director and a "qualified person" ("QP") within the definition of that term in National Instrument 43-101, Standards of Disclosure for Mineral Projects, has verified the technical information that forms the basis for this news release.

About Rugby
Rugby is an exploration company conducting "discovery stage" exploration on targets in Colombia, Argentina, the Philippines and Australia. The Company controls a portfolio of gold projects in Colombia that do not require the drilling approval process that stalled the Cobrasco copper project in Choco Province. These projects are proceeding through the grant process at present.

Rugby benefits from the experience of its directors and management, a team that has either been directly responsible for world-class mineral discoveries or have been part of the management teams responsible for such discoveries. Prior companies under their management included Exeter Resource Corp. and Extorre Gold Mines Ltd., which held significant projects in South America. These companies were taken over by Goldcorp (Newmont) and Yamana respectively.

For additional information you are invited to visit the Rugby Mining Ltd. website at www.rugbymining.com.

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