

- Identification of a new jasperoid occurrence in the northeast portion of the recently extended claim block
- This jasperoid occurrence coincides with anomalous arsenic, barium, mercury and gold soil geochemistry
- Rock sampling confirmed the jasperoid is anomalous in the same suite of elements
- Lithological and structural mapping support geophysical anomalies under thin volcanic cover at depth as potential targets for drilling

VANCOUVER, B.C., June 05, 2017 (GLOBE NEWSWIRE) -- Alianza Minerals Ltd. (TSX-V:ANZ) ("Alianza" or the "Company") reports that prospecting and geochemical sampling on recently added claims at the Horsethief Property, Lincoln County, NV has identified a third target area, called the Stallion target. This new target lies in the area of recently staked claims (see NR17-06, May 3, 2017) and consists of jasperoid outcrops with gold-arsenic-mercury-antimony geochemistry in rock samples. This target was identified and sampled during a property-wide prospecting and sampling program completed at the time of staking.

Exploration at Horsethief is targeting sediment-hosted gold mineralization in a window of Cambrian carbonate rocks overlain by volcanic flows and pyroclastics. Work by prior operators included mapping and sampling hematite-rich jasperoid breccia outcrops and shallow drilling. Historic drilling, generally 100 metres or less in depth, returned multiple intervals of gold mineralization including 13.7 metres averaging 1.2 g/t gold and 39.6 metres averaging 0.79 g/t gold with four holes terminating in mineralization. Gold mineralization was hosted in both silty limestone and jasperoid. Subsequent geophysical surveys (IP chargeability and resistivity) indicate that stratigraphy and potentially mineralized targets dip to the east-southeast under the volcanic cover.

A total of 56 panel, chip and grab rock samples were collected property-wide during the program. Twenty-one samples ranged between 0.15 and 0.75 ppm gold. Sampling was conducted at existing targets as well as the new claims where coincident soil geochemical and Induced Polarization (IP)/resistivity geophysical anomalies suggested prospective stratigraphy may also be present at the Stallion target, 1.5 km east of the Horsethief North target. Jasperoid rocks associated with prominent structures were identified and sampled, returning anomalous concentrations of arsenic, barium, mercury and gold. This new data, in conjunction with structural interpretation and IP/resistivity geophysics, prioritizes near surface targets underneath younger volcanic cover rocks that overlie eastern portions of the property.

The 2017 program was conducted on behalf of Alianza by Big Rock Exploration LLC of Minneapolis, MN. Rock samples were sent to Bureau Veritas Minerals in Reno, NV to be analyzed via 53 element ICPMS with Aqua Regia digestion (AQ252-EXT). All samples over 50 ppb Au were analyzed using a 30 gram sample gold Fire Assay (FA430). QA/QC using blanks, standards and duplicates were included; 10% of the samples will be sent to ALS for check analysis. Maps and figures for the Horsethief Property can be found at Alianza's website www.alianzaminerals.com.

About Alianza Minerals Ltd.

Alianza increases the chances of success in mineral exploration by using the "Prospect Generator" business model, focussing on gold and copper exploration in Latin America and Nevada.

The Company has 33.3 million shares issued and outstanding, and is listed on the TSX Venture Exchange (TSX-V:ANZ). Mr. Jason Weber, BSc, P.Geo., Alianza's President and CEO is a Qualified Person as defined by National Instrument 43-101. Mr. Weber supervised the preparation of the technical information contained in this release.

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