



News Release

Alexco Completes C\$7 Million Bought Deal Financing

August 21, 2014 – Alexco Resource Corp. (TSX:AXR, NYSE-MKT:AXU) ("Alexco" or the "Company") is pleased to announce that it has closed its previously announced bought deal public offering of units (the "**Offering**").

The Company issued 6,100,000 units ("**Units**") at a price of C\$1.15 per Unit for gross proceeds of C\$7,015,000. Each Unit consists of one common share of the Company and one half of one common share purchase warrant (each whole common share purchase warrant, a "**Warrant**"). Each Warrant is exercisable to purchase one common share of the Company at an exercise price of C\$1.40 on or before August 21, 2016.

The Company granted the underwriter an over-allotment option to purchase (i) up to 915,000 additional Units, (ii) up to 457,500 additional Warrants, or (iii) a combination of both, provided the maximum number of securities issued does not exceed 15% of the Offering, for a period of 30 days after and including the closing date of the Offering, to cover over-allotments and for market stabilization purposes.

The underwriter received a cash fee equal to 6.5% of the gross proceeds from the Offering and 396,500 compensation warrants (the "**Compensation Warrants**"), with each Compensation Warrant exercisable for one common share of the Company at an exercise price of C\$1.35 on or before August 21, 2016.

The net proceeds from the Offering will be used by the Company for exploration and development activities on the Company's Flame & Moth deposit and for general working capital purposes.

Further details regarding the Offering are contained in the Company's short form prospectus dated August 15, 2014.

About Alexco

Alexco Resource Corp. owns the Bellekeno silver mine, one of several mineral properties held by Alexco which encompass substantially all of the historical Keno Hill Silver District located in Canada's Yukon Territory. Employing a unique business model, Alexco also provides mine-related environmental services, remediation technologies and reclamation and mine closure services to both government and industry clients through the Alexco Environmental Group, its wholly-owned environmental services division.

Keno Hill Silver District History

Between 1921 and 1988, the Keno Hill Silver District was a world-class silver producer, with more than 217 million ounces of silver produced at average grades of 40.5 ounces per ton silver, 5.6% lead and 3.1%

Head Office

T. 604 633 4888

Alexco Resource Corp.
200 Granville Street, Suite 1150
Vancouver, BC V6C 1S4
Canada

F. 604 633 4887



zinc (Yukon Government's Minfile database). These historical production grades would rank Keno Hill in the top 3% by grade of today's global silver producers.

Contact

Clynton R. Nauman, President and Chief Executive Officer

Vicki Veltkamp, Vice President Investor Relations

Phone: (604) 633-4888

Email: info@alexcoresource.com

This news release does not constitute an offer to sell or a solicitation of an offer to buy nor shall there be any sale of any of the securities in any jurisdiction in which such offer, solicitation or sale would be unlawful, including in the United States. The securities have not been and will not be registered under the United States Securities Act of 1933, as amended (the "U.S. Securities Act") or any securities laws of any state of the United States and may not be offered or sold within the United States or to, or for the account or benefit of, U.S. persons (as defined in Regulation S under the U.S. Securities Act) unless registered under the U.S. Securities Act and applicable state securities laws or pursuant to an exemption from such registration requirements.

Some statements ("forward-looking statements") in this news release contain forward-looking information concerning the anticipated use of proceeds from the Offering, the potential exercise by the underwriter of the over-allotment option, the Company's planned exploration and development activities of its properties, and future mine operation and production. Forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors which could cause actual events or results to differ from those expressed or implied by the forward-looking statements. Such factors include, among others, risks related to Alexco's ability to raise additional capital; actual results and timing of exploration and development activities; actual results and timing of mining activities; actual results and timing of environmental services activities; actual results and timing of remediation and reclamation activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of silver, gold, lead, zinc and other commodities; possible variations in mineable resources, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; First Nation rights and title; continued capitalization and commercial viability; global economic conditions; competition; and delays in obtaining governmental approvals or financing or in the completion of development activities. Forward-looking statements are based on certain assumptions that management believes are reasonable at the time they are made. In making the forward-looking statements included in this news release, the Company has applied several material assumptions, including, but not limited to, the assumption that the proceeds from the Offering will be spent as allocated, that the Company will be able to raise additional capital, that the proposed exploration and development will proceed as planned, and that market fundamentals will result in sustained silver, gold, lead and zinc demand and prices. There can be no assurance that forward-looking statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as otherwise required by applicable securities legislation.