

Alpha Exploration Inc.: Cable Bay Shear Zone Lights Up with Strongly Anomalous Radon at Carpenter Lake Property

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Vancouver, British Columbia -- (Newsfile Corp. - April 14, 2014) - [Alpha Exploration Inc.](#) ("Alpha" or the "Company") (TSXV: AEX) is pleased to announce that a radon in lake water and sediment survey has been completed at Carpenter Lake, Athabasca Basin, Saskatchewan as part of Alpha's Option Agreement to earn a 60% interest in the Carpenter Lake Property from [Noka Resources Inc.](#) (TSXV: NX). The radon survey was conducted by RadonEx Exploration Management of St. Lazare, Quebec, and comprised 895 sample locations over a 16 km strike length of the Cable Bay Shear Zone ("CBSZ") within six grids (A to F) on the 20,637 hectare Property.

The radon survey tested electromagnetic ("EM") conductors covered by water bodies that were confirmed in a detailed airborne VTEM and magnetic survey completed in February 2014 by Aeroquest International Limited. Detailed grids were laid out for radon in lake water and sediment sampling focussed on cross structures apparent from flexures and breaks in the EM conductors. This is the same technology developed by Alpha Minerals and RadonEx Management that the Alpha Joint Venture ("JV") used in the discovery of the high-grade and shallow uranium mineralization at Patterson Lake South.

Radon results by each grid follow:

- Grid A shows two trends with weakly to strongly anomalous radon values within the CBSZ that have strike lengths of over 460 m and 580 m. Radon values range from -40 pCi/L to 67 pCi/L.
- Grid B is located north of the CBSZ, and returned multiple strongly anomalous radon values associated with kinked VTEM conductors. Radon values range from -41 pCi/L to 45 pCi/L.
- Grid C contains strongly anomalous radon values within three of the four lakes tested within the CBSZ. One of these lakes runs parallel to a VTEM conductor, and shows strong radon values up to 264 pCi/L over a 550 m strike length. Radon values range from -18 pCi/L to 264 pCi/L.
- Grid D shows strongly anomalous radon values in five out of five lakes tested within the CBSZ. Radon values range from -31 pCi/L to 59 pCi/L.
- Grid E covers Esker Lake which is situated along the CBSZ, and shows numerous strong radon anomalies located above VTEM conductors that range from -40 pCi/L to 108 pCi/L.
- Grid F is located north of the CBSZ on Carpenter Lake, and shows several strong radon anomalies associated with a broken up and displaced VTEM conductor. Radon values range from -27 pCi/L to 337 pCi/L. Carpenter Lake has the highest radon in water value and historical lake sediment uranium concentration on the Property.

An updated map showing the Radon In Water and VTEM can be found at the Alpha website www.alpha-aex.com/project/carpenter-lake/

A total of 60 lake sediment samples were recovered, and have been submitted to SRC Geoanalytical Laboratories (an SCC ISO/IEC 17025: 2005 Accredited Facility) of Saskatoon for analysis, which includes a 63 element ICP-OES, and uranium by ICP-MS. These geochemical results will be reported when they become available.

Summer exploration at Carpenter Lake will include a detailed high-resolution airborne gamma radiation spectrometric survey (radiometrics), which has a demonstrated capability to locate near surface uranium boulders, such as those located by Alpha's VP of Exploration on the Patterson Lake South (PLS) property in June 2011. Those boulders were located down ice from the very large, high grade mineralization discovery by Alpha Minerals JV at PLS. The survey will be covering historical regional scale radiometric surveys that indicate several anomalous radioactive centres. The detailed radiometric survey will be followed by ground prospecting, geochemical and radon sampling.

About Alpha Exploration Inc.

[Alpha Exploration Inc.](#) is a mineral exploration company whose uranium experience was developed with the discovery of the Roughrider deposits and subsequently the Patterson Lake South discovery in 2012 via Alpha Mineral's successful JV with Fission Uranium. The principals of the Company comprise a team that were involved in the discovery and development of those world class deposits. The Company started with a principal focus in the exploration and development of its Mikwam Gold Property in Ontario, and that focus has been moved to development of uranium properties in the Athabasca Basin in northern Saskatchewan, Canada. Common Shares are listed on the TSX Venture Exchange under the symbol "AEX". Additional information about Alpha is available on Alpha's website at www.alpha-aex.com or under its profile on SEDAR at www.sedar.com.

The technical information in this news release has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101, and reviewed on behalf of Alpha Exploration Inc. by Garrett Ainsworth, P.Geo., Vice President Exploration, a qualified person.

On behalf of the Board of Directors of Alpha Exploration Inc.

"Ben Ainsworth"
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