

Athabasca Basin

EXPLORATION UPDATE

December.1.2014

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Uranium
Group Inc.

	October 31, 2014	November 30, 2014	Change
Ux Consulting's Spot Price	US\$36.50/lb U ₃ O ₈	US\$40.00/lb U ₃ O ₈	US \$3.50

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Alpha Exploration Inc. (TSXV-AEX)/ Noka Resources Inc. (TSXV-NX): Alpha Earns Majority Interest in Carpenter Lake Joint Venture, Athabasca Basin, Saskatchewan – On November 10, Alpha Exploration Inc. announced that it had earned its 60-per-cent interest in the Carpenter Lake property, Athabasca Basin, Saskatchewan, Canada.

Alpha has notified Noka Resources Inc. that it has earned a 60-per-cent interest in Carpenter Lake according to the option and joint venture agreement between the two companies dated Jan. 13, 2014. Alpha had the option to acquire a 60-per-cent interest in the property in consideration of \$50,000 cash, 400,000 common shares and \$1.25-million in exploration expenditures. Those obligations have been met by Alpha, and a joint venture has been formed, as per respective company interests (60 per cent Alpha; 40 per cent Noka). Alpha is the operator of the joint venture.

Details on follow-up exploration to work done by Alpha in 2014 will be provided once programs and budgets are reviewed and approved by the Carpenter Lake joint venture.

About Carpenter Lake

Carpenter Lake is approximately 85 kilometres west of the past-producing Key Lake uranium mine and covers 20,637 hectares within five contiguous mineral dispositions. The property spans the Cable Bay shear zone, and straddles the southern margin of the Athabasca basin. Exploration on the property is governed by a 60/40 joint venture between Alpha and Noka, respectively.

Please see the Alpha's website for any additional information on Carpenter Lake, or its other exploration properties.

Athabasca Nuclear Corp. (TSXV-ASC) / Lucky Strike Resources Ltd. (TSXV-LKY) / Noka Resources Inc. (TSXV-NX) / Skyharbour Resources Ltd. (TSXV-SYH): Skyharbour Announces Results from Peridot Geophysical Interpretation as well as Future Exploration Plans for Preston Uranium Property in Patterson Lake Region – On November 13, Skyharbour Resources Ltd. provided an update on the Preston uranium property being explored by the Western Athabasca syndicate (Skyharbour, Athabasca Nuclear Corp., Lucky Strike Resources Ltd. and Noka Resources Inc.).

The Preston property is strategically located proximal to Fission Uranium's expanding, high-grade Patterson Lake South discovery as well as NexGen Energy's Arrow discovery.

Peridot geophysics interpretation and results

The syndicate recently engaged Peridot Geoscience Ltd. to complete an advanced analysis on the extensive airborne geophysical datasets at the Preston property. The analysis has successfully confirmed existing high-priority targets at the property as well as identifying several other new target areas. The syndicate continues to employ a systematic, proven and cost-efficient exploration methodology that has led to numerous uranium discoveries in the region and throughout the Athabasca basin.

Future exploration plans and previous work summary

The syndicate is in the process of planning a field program at the Preston property for early 2015 that would consist of diamond drilling lake-based and land-based high-priority targets, as well as geophysical and geochemical surveys to further refine targets and identify new targets. Drill testing of the various



target areas is being prioritized including drilling at previously undrilled targets that will be accessible when freeze-up occurs later this year.

Earlier this year the syndicate reported highly encouraging results from a first-pass diamond drill program at Preston consisting of nine holes which confirmed the presence of widespread alteration, structural disruption and radioactivity that are typically associated with uranium deposits in the Athabasca basin. The three initial drill target areas, out of a growing target base currently standing at 15, were selected by the syndicate's technical committee for drilling based on encouraging fieldwork results and coincident anomalies. The majority of uranium targets on the property have not yet received any drill exploration.

The syndicate has carried out one of the largest regional exploration programs in the relatively underexplored western side of the Athabasca basin over the last 15 months. A total of approximately \$3.75-million in expenditures on the Preston uranium property has been incurred including ground gravity, airborne and ground EM and magnetics, radon, soil, silt, biogeochem, lake sediment, and geological mapping surveys, as well as boulder prospecting and a first-pass diamond drill program. Fifteen high-priority drill target areas associated with eight prospective exploration corridors have been successfully delineated through this methodical, multiphased exploration initiative which has culminated in an extensive, proprietary geological database for the project area.

The Preston uranium property

The 246,643-hectare Preston uranium property is the largest individual property proximal to Fission Uranium's Patterson Lake South high-grade uranium discovery and the recent discovery made by NexGen Energy on the Rook-1 project. The syndicate is the largest land tenureholder in the southwestern Athabasca basin region including properties strategically situated to the southwest and to the northeast of the PLS and NexGen discoveries. Approximately \$3.75-million in exploration has been carried out to date by the syndicate on the Preston property and many priority targets remain for further follow-up with both fieldwork and drill testing.

Management cautions that mineralization present on proximal properties is not necessarily indicative of mineralization on the syndicate's property.

Lakeland Resources Inc. (TSXV-LK): Lakeland Expands Holdings in the Athabasca Basin Region –

On November 19, Lakeland Resources Inc. announced that it had acquired, by staking, four new uranium properties totalling 17,954 hectares and had expanded five of its existing properties totalling an additional 22,264 hectares, all located within the Athabasca Basin region, Saskatchewan.

The properties that were expanded include: Lazy Edward Bay, Riou Lake, Hawkrock Rapids, Small Lake and Fedun Lake. The new claims were acquired in order to cover targets identified from a review of historic work. A highlight of the review is at the expanded Lazy Edward property, where two conductive trends were defined by an airborne VTEM survey by Dejour Enterprises in 2006. One of the trends was followed up on the ground in 2009 with a fixed-loop time-domain (FLTEM) survey and was apparently not drill tested. The Lazy Edward property, now totalling 31,128 hectares in size, contains eight significant exploration trends, many of which are drill ready.

An updated property map of the Athabasca basin can be found on the company's website.

New properties

Carter Lake

With the addition of four additional mineral claims, totalling 1,508 hectares, Lakeland has gained a presence in the southwest part of the Athabasca basin. The Carter Lake property covers a portion of the Carter Lake structural corridor, which is parallel to the Patterson structural corridor (host to the PLS zone of Fission Uranium Corp. and the Arrow zone of NexGen Energy Corp.). Depth to the sub-Athabasca unconformity in the property area is estimated at or about 600 metres.

Cable Bay

The property consists of five claims, totalling 1,077 hectares, located at the southern margin of the Athabasca basin. Historic exploration, most recently by the previous operator, JNR Resources included airborne electromagnetic (EM), high-resolution airborne magnetic and ground EM surveys. The Cable Bay property includes a trend of graphitic metasedimentary rocks in the basement, with Athabasca sandstone cover of only 10 metres or less. The trend was drill tested on a reconnaissance scale by Saskatchewan Mining Development Corp. (SMDC) in 1979.

Highrock

The property consists of three claims, totalling 6,479 hectares, located at the southeastern margin of the Athabasca basin. The property is underlain by both Athabasca sandstone and basement rocks. A GeoTEM survey by International Uranium Corp. and Phelps Dodge Corp. identified a moderate-strength conductor which was not followed up.

Wright River

The property consists of 11 claims, totalling 8,889 hectares, located at the eastern margin of the Athabasca basin. The Wright River property is largely outside of the basin, where lake sediments samples of the regional Geological Survey of Canada (GSC) are elevated (up to 61 parts per million). Additionally, a coincident airborne radiometric anomaly, as defined by a 2009 regional GSC survey, highlights the centre of the property.

Noka Resources Inc. (TSXV- NX): Noka Resources Engages TerraLogic Exploration and Commences Lodgepole Data Compilation— On November 20, Noka Resources Inc. announced that it had engaged geologic consultant, TerraLogic Exploration Inc., to manage exploration on its project portfolio, and had commenced a historic work review and data compilation on its Lodgepole uranium project.

The Lodgepole uranium project is located along the southern margin of the Athabasca basin, 50 kilometres east of the Centennial deposit and 70 km west of the past producing Key Lake uranium mine in Northern Saskatchewan.

The 10,400-hectare property straddles the Athabasca basin margin along the southern reaches of Cree Lake, and has established potential for shallow, unconformity-hosted uranium mineralization. Past exploration work by Cameco, Uranerz and JNR Resources included ground-based geological and geochemical programs, and extensive airborne and ground geophysical surveys which have



demonstrated numerous geophysical conductors that were the subject of sporadic diamond drill campaigns along the Ponderosa, Bay and Liberty conductor trends.

The drill programs verified graphitic-bearing shear zones in the underlying basement rocks along with uranium pathfinder elements such as zinc, copper, nickel, cobalt and boron which are spatially associated with chlorite, hematite and clay alteration. These structural, chemical and alteration characteristics are typical components of unconformity uranium deposits. Historical drilling within two km south of the property, along the strike extension of the Bay and Liberty trends, also returned significant uranium (up to 908 parts per million (ppm) U₃O₈) in similarly altered graphitic shear zones.

A comprehensive historic work review and data compilation have recently been commenced in order to identify and refine known anomaly corridors and to determine where additional infill ground surveys and subsequent diamond drilling should be completed.

TerraLogic Exploration

Noka has engaged TerraLogic Exploration Inc. of Cranbrook, B.C., to complete the compilation along with recommendations for groundwork that will ultimately be used to refine future diamond drill programs. TerraLogic has been operating mineral exploration projects in North America since 2004, and has extensive uranium exploration experience in Saskatchewan.

Purepoint Uranium Group Inc. (TSXV- PTU): Purepoint Uranium Group Inc. Confirms Plans for Next Drilling Phase at Hook Lake JV Project – On November 11, Purepoint Uranium Group Inc. provided information on the Hook Lake technical committee meeting that had been held the week before. Hook Lake is a project owned jointly by Cameco Corp. (39.5 per cent), AREVA Resources Canada Inc. (39.5 per cent) and Purepoint Uranium Group (21 per cent). The Hook Lake JV project covers the Patterson Lake conductive corridor, the same belt of rocks that hosts Fission Uranium's high-grade PLS uranium discovery, NexGen's Arrow discovery and the Hook Lake JV Spitfire discovery.

A helicopter-borne magnetic and EM (VTEM plus) survey was completed in October over the untested area north of the Spitfire discovery and along trend of NexGen's Arrow showing. A ground stepwise moving loop EM survey will commence shortly to aid in the precise location of EM conductors for drill targeting.

"The group is keen to continue our exploration of the Patterson Lake corridor that produced both our Spitfire discovery and NexGen's Arrow showing in a single drill season," said Chris Frostad, president and chief executive officer of Purepoint. "The financial and technical support of our partners clearly demonstrates our collective belief in the merits of this project."

Highlights of the meeting:

1. The committee has proposed a budget for 2015 of \$2.9-million, adequate to deliver approximately 4,200 metres of drilling.
2. Final approvals for the program are anticipated prior to year-end once the geophysical survey results have been reviewed and a detailed drill plan has been finalized.
3. Purepoint will be responsible for a net financing commitment of approximately \$310,000 toward this program.

Hook Lake JV project

The Hook Lake JV project consists of nine claims totalling 28,683 hectares, is situated in the southwestern Athabasca basin, and is only five kilometres northeast of Fission Uranium Corp.'s high-grade PLS uranium discovery. The depth to the Athabasca unconformity is very shallow, ranging from zero to 350 metres. Three prospective structural "corridors" have been defined on the property, each corridor comprising multiple EM conductors that have been confirmed by drilling to result from graphitic metasediments that intersect the Athabasca unconformity.

Current exploration is targeting the Patterson Lake corridor, the same conductive trend along which Fission continues to intersect high-grade uranium mineralization, most notably the intercept of 5.98 per cent U3O8 over 102.5 metres in drill hole PLS14-187 (Fission press release of April 22, 2014). During the winter of 2014, the Patterson corridor produced two new uranium showings that includes the Arrow discovery by NexGen Energy Ltd. where hole AR-14-30 recently returned 10.3 per cent U3O8 over 46 metres (NexGen press release of Oct. 6, 2014) and the Spitfire discovery by the Hook Lake JV with drill hole HK14-09 returning 0.32 per cent U3O8 over 6.2 metres.

Red Rock Energy Inc. (TSXV-RRK): Red Rock Receives Alternative Mining Technique Test Results

– On November 26, Red Rock Energy Inc. announced that it had received the results of a technical study commissioned to examine a proposed alternative mining method for hardrock environments brought forward by Red Rock's technical team. This proposed alternative mining method would employ a varied form of in situ recovery (ISR) technique, which currently accounts for a significant portion of world uranium production. The study area was restricted to the rock environment of Red Rock Energy's Fusion uranium zone project and is contained within Red Rock's Uranium City project area, and was previously discussed by a National Instrument 43-101 report (July 10, 2009) prepared by Scott Wilson Mining.

The conclusions of the study were very positive, and based on the favourable findings contained in this report, the company has requested that an industry partner submit a proposal to carry out a preliminary economic assessment (PEA) of the feasibility of utilizing the company's new technique for feasible uranium extraction from the Fusion zone. Red Rock has also engaged a professional services firm to assist in assessing whether the significant advancements of these new applications are capable of protection under international intellectual property laws. This work is in progress.

Finally, Red Rock's management has held continuing discussions with its debentureholder who remains sympathetic to current market conditions and is amenable to continuing to work with the company in order to achieve its near-term goals. Further, the company has received approval at its annual general meeting to consolidate its stock on up to a 1-for-10 basis, and management is considering whether to take further steps in this regard.

Company president Sandy Loutitt commented: "We are extremely happy with the outcome of this first stage, and are optimistic that this technique will not only work but will provide economic viability to other hardrock uranium resources that, until now, could not be economically extracted using conventional mining techniques. Fortunately, Red Rock's Uranium City properties will lend themselves very well to the testing and evaluation procedures to be employed, and we expect that results will be forthcoming in the new year."

Skyharbour Resources Ltd. (TSXV-SYH): Skyharbour Identifies Basement Conductor Targets at Mann Lake Uranium Project in the Athabasca Basin, Saskatchewan – On November 3, Skyharbour Resources Ltd. announced that it had successfully identified basement conductor targets in a setting proximal to other high-grade discoveries in the area at its 60-per-cent-owned Mann Lake uranium project. The company recently completed its phase 1 field program consisting of a ground-based electromagnetic survey on the property which is strategically located on the east side of the Athabasca basin, 25 kilometres southwest of Cameco Corp.'s McArthur River mine and 15 km northeast and along strike of Cameco's Millennium uranium deposit.

Skyharbour's Mann Lake property is also adjacent to the Mann Lake joint venture operated by Cameco (52.5 per cent) with partners Denison Mines (30 per cent) and AREVA (17.5 per cent). Recently, Denison acquired International Enxco and its 30-per-cent interest in the Mann Lake joint venture after the 2014 winter drill program discovered high-grade, basement-hosted uranium mineralization. The drill program intersected 2.31 per cent equivalent triuranium octoxide over 5.1 metres, including 10.92 per cent eU₃O₈ over 0.4 metre (see International Enxco news release dated March 10, 2014).

EMpulse Geophysics of Dalmeny, Sask., conducted the ground EM survey and Phil Robertshaw (PGeo, Saskatchewan) reviewed the collected data and provided an interpretation of the survey. The natural source transient magnetotelluric survey consisted of a block of four profiles totalling 10 km of coverage using the internal field gradient (IFG) technique. The survey focused on a zone in the southern portion of the Mann Lake property where a favourable, two km long aeromagnetic low coincides with possible basement conductor trends indicated by prior ground EM surveys. The survey was successful in confirming the presence of a broad, northeast-southwest-trending corridor of conductive basement rocks which are probably graphitic metapelites. The corridor appears to be about one km in width, straddling the border between Skyharbour's Mann Lake property and Cameco's adjacent claims, and is inferred to become more strongly conductive toward the southwest. Within the conductive corridor, IFG and bearing difference anomalies possibly indicate two or more graphitic conductor trends, of which one falls within Skyharbour's Mann Lake property. In view of the favourable aeromagnetic setting of the conductive corridor, additional geophysical coverage, including gravity and TEM, is recommended.

About the Mann Lake uranium project

The Mann Lake uranium project consists of one mineral claim covering 3,473 hectares located in the eastern Athabasca basin in Northern Saskatchewan. The property is under a joint venture agreement with Aben Resources owning 40 per cent and Skyharbour owning the other 60-per-cent interest in the property. It occurs within a structural/conductor corridor that contains the richest uranium deposits in the world, including Cameco's McArthur River mine.

Skyharbour's Mann Lake uranium project has seen over \$3-million of previous exploration expenditures, including geophysics and two diamond drill programs totalling 5,400 metres carried out by Triex Minerals in 2006 and 2008. The geophysical surveys identified basement conductors and structural corridors containing reactivated basement faults. These features trend onto the adjacent ground held by Cameco. The 2006 drill program intersected a 4.5-metre-wide zone of anomalous boron (up to 1,758 parts per million) in the sandstone immediately above the unconformity in hole MN06-005. Boron enrichment is common at the McArthur River uranium mine, and along with illite and chlorite alteration, is a key pathfinder element for uranium deposits in the basin. In the same drill hole, an altered basement gneissic rock with abundant clay, chlorite, hematite and calc-silicate minerals was intersected about 7.6 metres below the unconformity, and contained anomalous uranium up to 73.6 ppm over a 1.5-metre interval. Background uranium values are commonly between one and five ppm.

Skyharbour's Mann Lake uranium project contains highly prospective geology and geochemistry, and a robust discovery potential as identified by the historic work. Additional fieldwork and exploration have been recommended on a number of untested targets on the property.