Quarterly Activities Report Ending 30 September 2024

HIGHLIGHTS

- **Maiden rock chip sampling programs completed at the Company's Fenix and Nut Lake South projects in Nunavut Canada, returning over the limit uranium mineralisation exceeding 1% U_3O_8.**

  Fenix Project:

  - **RAD1 prospect rock chip assays up to 0.89% Uranium (U_3O_8), 4.59% Copper (Cu), 332 g/t Silver (Ag), 897 ppm Cobalt (Co), and 558 ppm Lead (Pb).**
  - **Uranium-copper-silver mineralisation at the RAD1 prospect traced over a 250-metre strike at the contact between sandstone and overlying siltstone.**
  - **Four prospects reported uranium grades exceeding 500 ppm U_3O_8, warranting further follow-up.**
  - **Results highlight the potential for basement-hosted deposits in the Amer Group, similar to the Horseshoe Raven deposit in the Athabasca Basin.**

  Nut Lake South Project:

  - **Gyrfalcon prospect: Up to 1.2% U_3O_8, 1.0% Molybdenum (Mo), 31 g/t Silver (Ag), 0.4% Lead (Pb), and 487 ppm Copper (Cu) (assays >1% U and Mo pending).**
  - **Snow Goose prospect: Up to 1.1% U_3O_8, 0.3% Mo, 4.8 g/t Ag, 0.4% Pb, and 509 ppm Cu.**
  - **Tundra Swan prospect returns rock chip assay above 0.3% U_3O_8.**
  - **Results align with Cosmos' view of basement-hosted deposits, comparable to the nearby Angilak Deposit (Atha Energy).**
- **Community engagement meetings were held with first nations and local stakeholders of Baker Lake securing claim access and community support.**
- **Corporate and Business Development – continued review of multiple projects across commodities to augment the Company's portfolio.**

Cosmos Exploration (ASX: C1X) ("Cosmos" or **"the Company")** is pleased to present its Quarterly Activities Report and Appendix 5B for the period ending 30 September 2024.



Figure 1: Photograph of Fenix, RAD1 sample **LHFN17 returning assays of 1409ppm U, 4.59% Cu, 332g/t Ag, 316 ppm Co,** showing characteristic reddish hematite alteration (commonly associated with uranium.

mineralisation) with green malachite (copper carbonate) & minor blue chrysocolla (copper silicate) of an arkosic quartzite.

SUMMARY

During the September quarter, Cosmos Exploration conducted two days of on-ground prospecting at the Fenix and Nut Lake South projects in Nunavut, Canada. The primary objective was to follow up on historical exploration and prospecting activities (refer to ASX C1X announcement dated 17 May 2024) and to investigate newly identified radiometric anomalies and structures interpreted from magnetic, gravity, and VLF geophysical datasets.

Prospecting activities focused on rock chip sampling from outcrops and boulders within these target areas. Post reporting assays included results exceeding the upper limits for ALS method ME61 returning values above **10,000 ppm Uranium (U)** and 10,000 ppm **Molybdenum (Mo) in samples** LHNS05 and LHNS04 respectively. These two, over the limit samples are currently being re-assayed with results outstanding (refer to ASX announcements dated 3 October 2024 and 7 October 2024)

A total of 64 rock chip samples were collected over the two days from the Fenix and Nut Lake South projects. Of these, 44 samples were submitted to ALS Laboratories in Winnipeg, Manitoba, for analysis using a 4-acid, 48-element digest.

In parallel with these prospecting activities, Cosmos held community engagement meetings with local First Nations, government, council, and business stakeholders in Baker Lake. These discussions were both informative and productive, resulting in First Nations approval of Cosmos' short- and long-term goals, securing access to prospect at the Fenix, Nut Lake South, and Angilak West projects, with additional support from the local business community.

FENIX PROJECT

Heli-supported on-ground prospecting at the Fenix Project was conducted targeting radiometric anomalies, historical uranium occurrences, radioactive boulder trains, historical drill sites, and newly identified geophysical structures (refer to ASX C1X announcement, 17 May 2024). A total of 36 rock chip samples were collected from outcrops and boulders, with 27 sent for comprehensive 4-acid, 48-element analysis at ALS Laboratories in Winnipeg.

Significant assay results, released on 3 October 2024, confirmed uranium mineralisation of up to **0.89% U_3O_8** in rock chip sample **LHFN20** from the RAD1 prospect. Uranium concentrations exceeding 500 ppm U_3O_8 were also reported from three additional prospects: RAD8, 77-4, and RAD5.

The rock chip samples frequently displayed polymetallic assemblages, including copper (Cu) and lead (Pb), with hematite alteration. These characteristics closely resemble those of the Horseshoe-Raven deposit in the Athabasca basin, highlighting the potential for a significant discovery within the Fenix Project area.

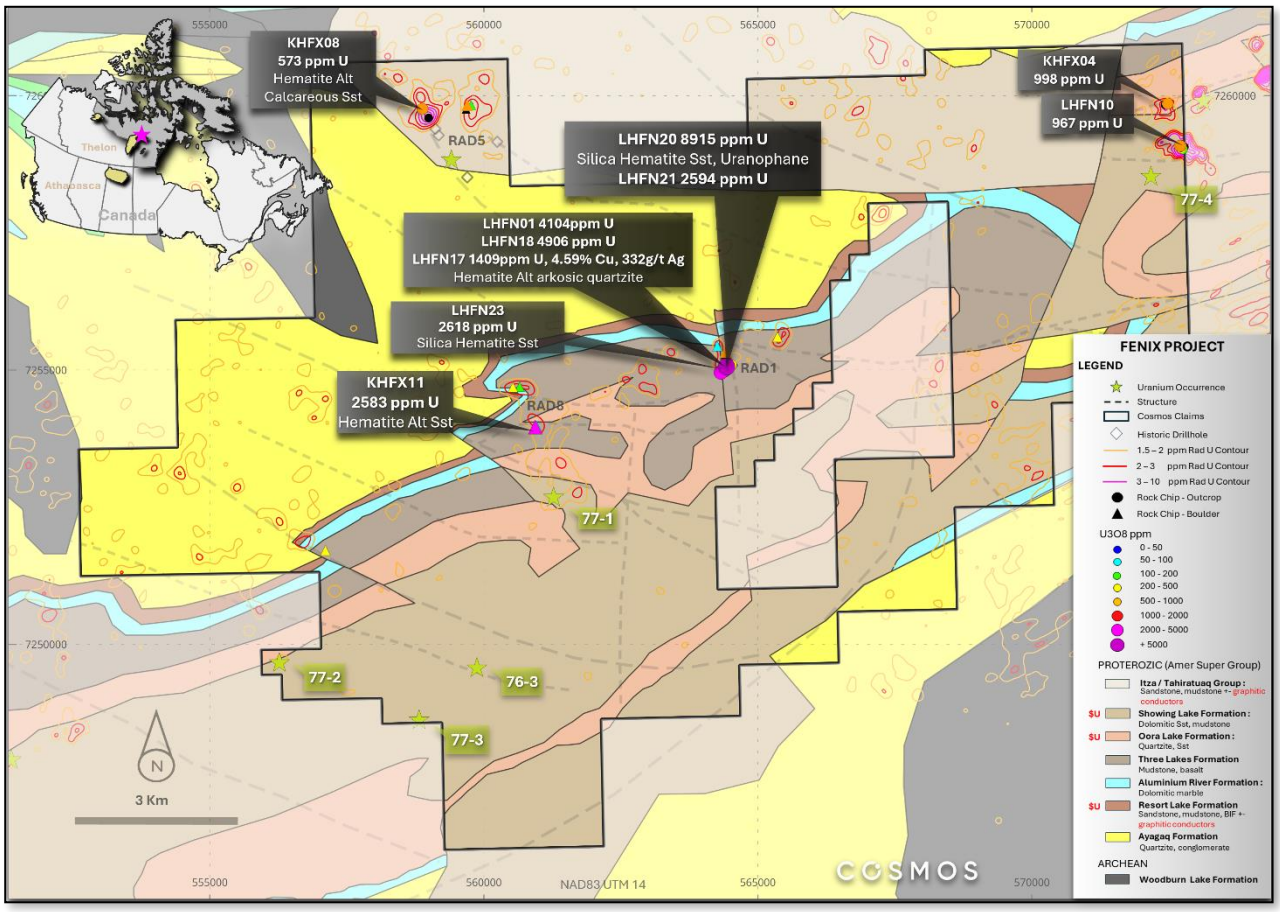

Figure 2: Map of the Fenix Project showing simplified bedrock geology and highlights of recent assay results.

RAD1

Rock chip samples collected from in-situ boulders and subcrop along a 250-metre strike at RAD1 returned uranium concentrations ranging from 389 ppm U_3O_8 to a peak of 8,915 ppm (0.89%) U_3O_8 in sample LHFN20.

This polymetallic uranium mineralisation returned significant copper, silver, cobalt and lead, with four samples reporting copper concentrations above 0.5%, including a peak value of 4.59% Cu. Silver values in four samples ranged from 15 g/t and a high of 332 g/t (10.7 oz) in sample LHFN17 and notable values of lead and cobalt up to 558 ppm Pb and 897 ppm Co. Geological descriptions indicate the samples are predominantly hosted in hematite-silica-altered arkosic quartzite.

Historical drilling completed in 2006 and 2007 from holes RADC-06-05 & RADC-07-01, 02, 03 respectively interpreted a southerly dip to the mineralised horizon concordant to the contact lithologies. A highlight intersection in RADC-06-05 returned 3.9-m @ 0.16% U_3O_8 from 5.6 m, including 0.4m @ 0.68% U_3O_8.

These findings suggest that previous drill holes collared north of the mineralised horizon were not positioned to effectively test the target, leaving substantial areas along the strike where mineralised rock chips have been collected untested by drilling. This highlights the need for further drilling to assess the full potential of the RAD1 prospect.

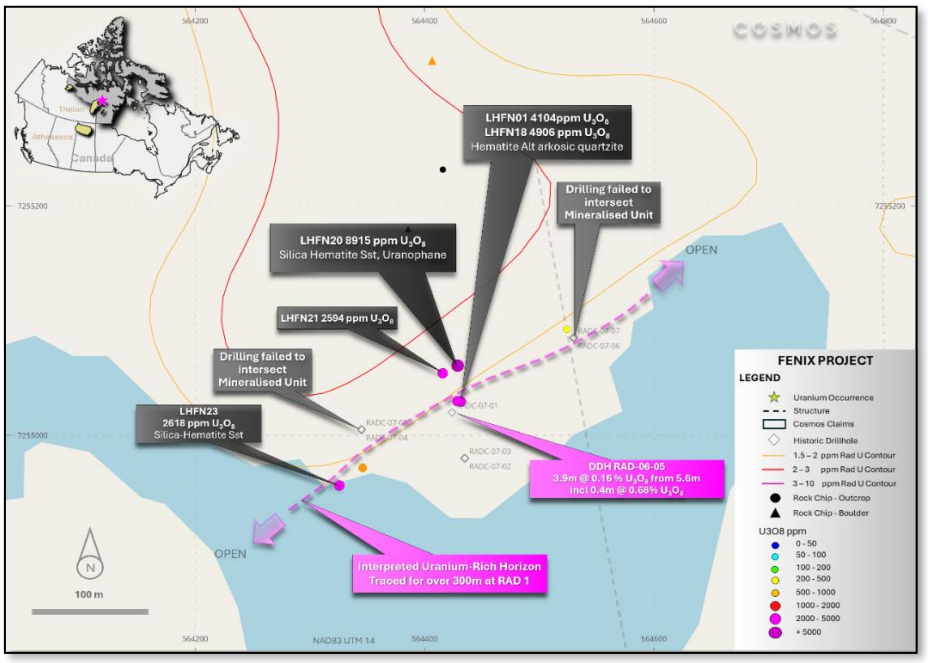

Figure 3: Highlight assay results at the RAD1 Prospect Area and interpreted uranium-bearing contact.

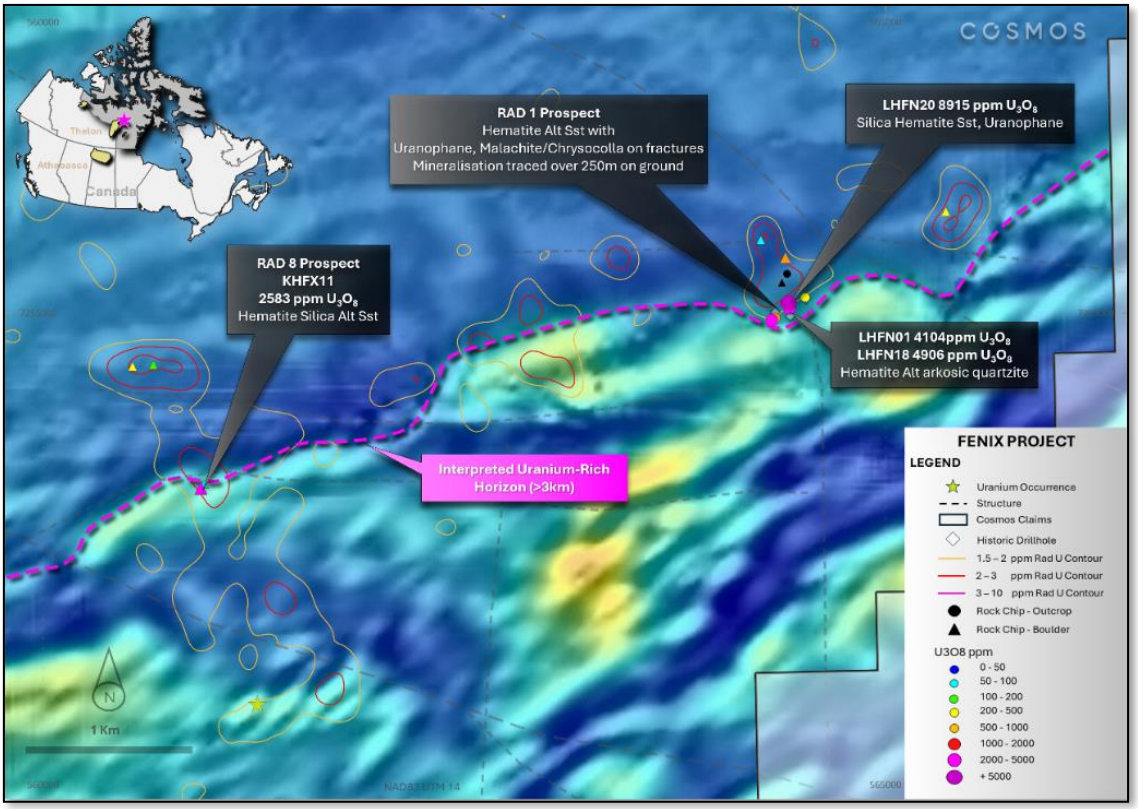

Figure 4: Airborne magnetic TMIRTP_over_2VDAGC image showing the interpreted prospective horizon for uranium between RAD1 and RAD 8.

RAD8

The RAD8 prospect is located 3.6 kilometres southeast along strike from RAD1. A standout result from this area was boulder rock chip sample KHFX11, which assayed 2,582 ppm U_3O_8 and 287 ppm lead (Pb) (Figure 4). This arkosic quartzite sample exhibits strong hematite-silica alteration which is characteristic of uranium mineralisation.

Sample KHFX11 is also coincident with a uranium radiometric high and contrasting magnetics. The contrast in magnetic imagery is interpreted to be the southeast strike extension of the sandstone-siltstone contact intersected in the 2006-2007 drilling at RAD1 which intersected 3.9-metre zone grading 0.16% U_3O_8 from 5.6 metres incl 0.4m @ 0.68% U_3O_8 in drillhole RADC-06-05. This 3.6 km long magnetically visible contact horizon coincides with multiple moderate to high uranium radiometric anomalies marking it as in important search space for further on ground prospecting (Figure 4).

RAD5

Prospecting north of the RAD 5 historical uranium occurrence identified a highly anomalous in-situ boulder sample, KHFX08, with up to **573 ppm U_3O_8** and another boulder sample, LHFN11 to the east containing up to **558 ppm U_3O_8** (Figure 2).

These calcareous hematite-altered sandstone boulders are associated with elevated copper (up to 109 ppm), lead (up to 496 ppm), and silver (up to 1.8 g/t Ag) (Refer to Table 1, ASX announcement 3 October 2024). The sample locations coincide with significant uranium radiometric highs requiring further investigation to determine whether the radiometric anomaly is shedding from an in-situ source.

FENIX RESULTS AND FURTHER WORK

Assay results from RAD1 are highly encouraging, confirming uranium mineralisation over a 250m strike that remains open. Historical drilling from 2006-2007 tested only a limited portion of this strike, with a highlight intersection of 3.9 metres@ 0.16% U_3O_8 from 5.6 metres, including 0.4 metres @ 0.68% U_3O_8, at the contact between the southerly dipping quartzite and overlying siltstone (refer to ASX announcement, 17 May 2024). The mineralisation also remains open down dip, with drill holes collared north of the mineralised horizon deemed ineffective, leaving significant areas untested.

Arkosic quartzite samples from both RAD1 and RAD8 display hematite-silica alteration with minor drusy quartz. This alteration style closely resembles the alteration reported at the unconformity-related Horseshoe-Raven uranium deposit in the Athabasca basin. Previous mineralogy work at Horseshoe-Raven identified copper (chalcopyrite) and lead (galena) sulphides, which is noted at the Fenix prospect.

Mineralisation at RAD1 and RAD8 is also coincident with a contact between a magnetic low and a moderate magnetic anomaly. This contrast in magnetic response likely reflects the contact between the quartzite and overlying siltstone which contains concordant polymetallic uranium mineralisation as identified in the RAD1 drilling. These findings imply that the 3.6-kilometre magnetic horizon between RAD1 and RAD8 is a target horizon and currently underexplored, requiring further exploration.

Uranium mineralisation at the 77-4 and RAD5 prospects is also encouraging. These prospects feature similar hematite-altered sandstones associated with copper and lead mineralisation, warranting further detailed prospecting and sampling for confirmation.

NUT LAKE SOUTH PROJECT

On-ground heli supported prospecting activities were completed at the Nut Lake South Project. The work aimed to follow up on historical uranium occurrences, while also investigating additional structures and uranium radiometric anomalies (refer to ASX announcement on 25 June 2024).

Handheld RS-125 spectrometers were used to efficiently locate radioactive outcrops and boulders for sampling. A total of 28 rock samples were collected across eight landing sites with 17 rock chip samples dispatched to ALS Laboratories in Winnipeg, Manitoba, for analysis using a 4-acid, 48-element digest. Sample descriptions and photographs were taken at each sampling location. Due to time constraints, no activities were conducted on the Angilak West project.

The Gyrfalcon prospect returned over the limit uranium (U) (>1%) and molybdenum (Mo) (>1%) rock chip assays in sample LHNS05 and LHNS04 respectively in addition to 31 g/t silver (Ag), 0.4% lead (Pb), and up to 487 ppm copper (Cu) (refer to Table 1, ASX announcement 7 October 2024).

At the Snow Goose prospect, assays were reported up to 1.1% U_3O_8, along with 0.3% Mo, 4.8 g/t Ag, 0.4% Pb, and 509 ppm Cu and Tundra Swan yielded rock chip samples above 0.3% U_3O_8, reinforcing the high prospectivity of the Nut Lake South project.

These exploration results confirm Cosmos' view that the area is highly prospective for basement-hosted uranium deposits, comparable to the nearby Angilak Deposit held by Atha Energy.

*(*Overlimit >1% U and >1% Mo assay still pending)*

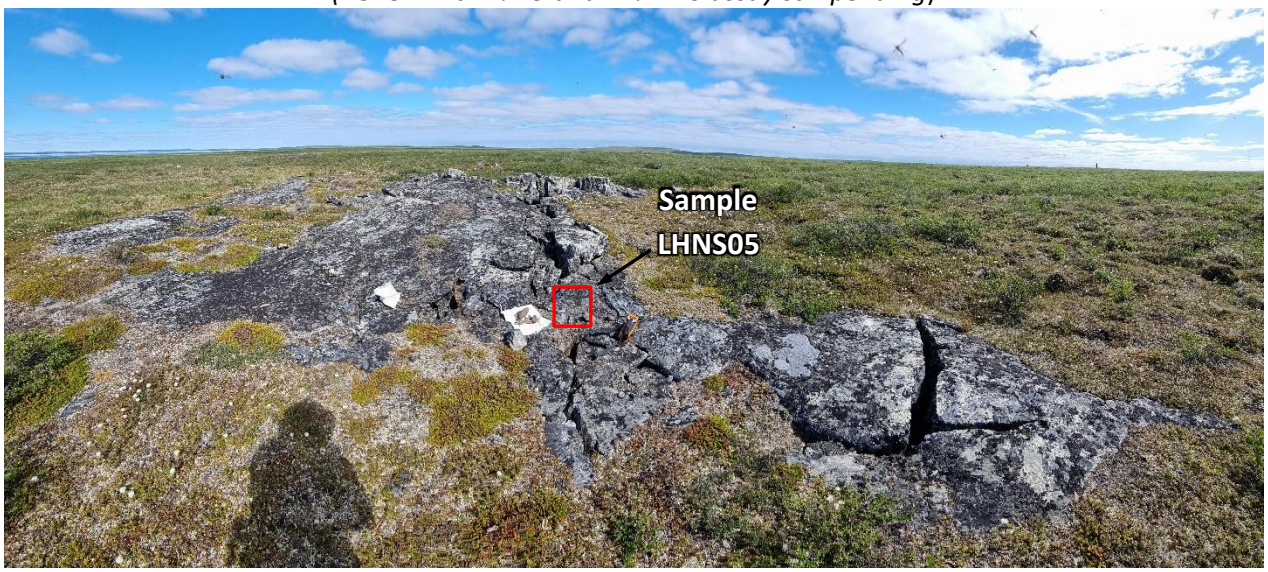

Figure 5: Field photograph at the Gyrfalcon Prospect showing the location of the **LHNS05** sample that returned **1.2% (U_3O_8)** (red square).

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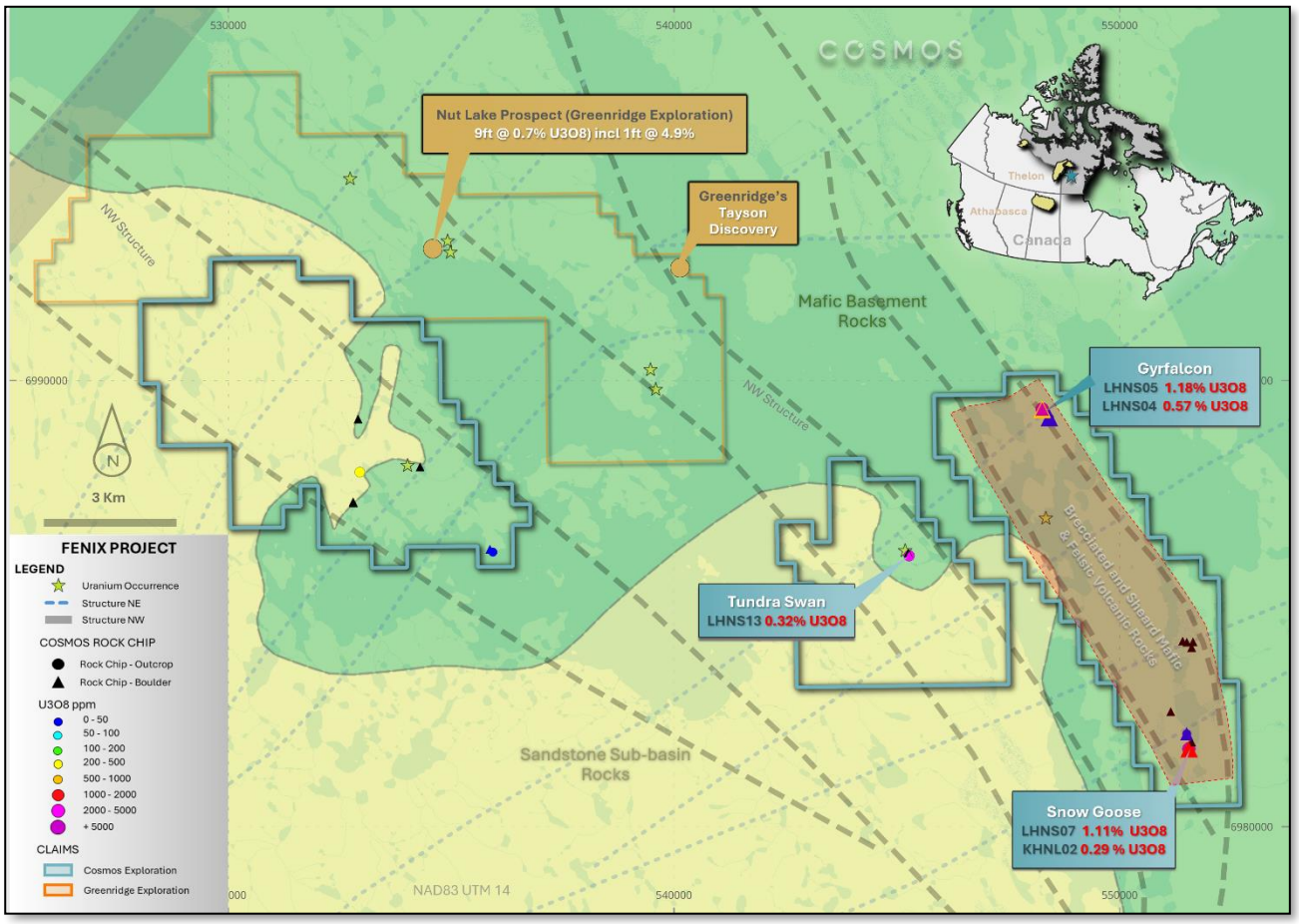

Figure 6: Map of the Nut Lake South Project showing simplified bedrock geology and highlights of recent assay results over google map imagery.

Gyrfalcon

Field exploration at the Gyrfalcon prospect uncovered a 2m by 10m mafic rock outcrop (Figure 5) with all five samples collected (LHNS01–LHNS05) registering significant spectrometer radioactivity and high-grade assay results up to 11,792 ppm U_3O_8 and 5,719 ppm U_3O_8 in samples LHNS05 and LHNS04 respectively (Figures 5, 6 & 7).

In addition to uranium, LHNS04 returned >10,000 ppm molybdenum (above detection limits) and 31 g/t silver. Lead and copper values were also notable, with up to 0.49% Pb and 509 ppm Cu from samples taken from this prospect.

The samples are hosted in chlorite-altered, brecciated mafic rock with inferred sooty black pitchblende uranium mineralisation in veinlets and fractures. Adjacent samples (LHNS03, LHNS02) also contain visible pyrite sulphides, with pyrite commonly associated with uranium mineralisation at the Angilak deposit.

Overlimit assays for uranium and molybdenum in samples LHNS05 and LHNS04 are pending.



Figure 7: (**Top Left**): Gyrfalcon Prospect - Field photograph of **LHNS05 (1.2% U_3O_8)** – Chlorite-altered mafic rock with suspected fine disseminated black pitchblende (**Top Right**): Gyrfalcon Prospect - Field photograph of **LHNS04 (0.57% U_3O_8, 1.0% Mo)** – Mafic rock with visible pyrite sulphide (py).



Figure 8: (**Top Left**): Snow Goose Prospect – Field photograph of **LHNS07** (**1.1% U_3O_8, 0.34% Mo**) – Altered mafic rock with disseminated pyrite (**Top Right**): Snow Goose Prospect – Field photograph of **KHNL02** (**0.29% U_3O_8**) – Felsic intrusive rocks.

Snow Goose

At the Snow Goose prospect, a 2m by 3m outcrop of mafic rock in contact with a felsic intrusive was discovered, displaying variable and extensive radioactivity. Sample **LHNS07** reported a high-grade uranium assay of **1.11% U_3O_8**, with visible yellow veinlets, interpreted as uranophane (Figures 6 & 8).

The uranium mineralisation was accompanied by notable concentrations of other elements, including 3,430 ppm (0.34%) molybdenum, up to 0.39% lead, 4.8 g/t silver, and copper levels reaching 525 ppm (refer to Table 1, ASX announcement 7 October 2024).

Geological descriptions indicate that the samples primarily consist of altered mafic rock, with disseminated pyrite observed in LHNS07 and KHNL07A in contact with chlorite-altered felsic intrusive, highlighting the potential for further mineralisation along this contact zone.

Tundra Swan

The Tundra Swan prospect lies near the historical Boo uranium occurrence, where a narrow north-south striking uranophane fracture vein, up to 1 metre in length, was identified along the northern edge of a large mafic rock outcrop (Figures 6 & 9). Due to the outcrop's hardness, only two samples were collected, targeting both the vein and the host rock. Both samples returned significant uranium mineralisation, with **LHNS13A** assaying **0.23% U_3O_8** and **LHNS13** yielding **0.33% U_3O_8**, along with **molybdenum** (Mo) concentrations of **776 ppm** and **0.34%**, respectively.

Additional metals included lead concentrations up to 0.1% Pb and silver up to 3.0 g/t Ag (refer to Table 1, ASX announcement 7 October 2024). Geological descriptions suggest that these samples primarily consist of brecciated and altered mafic rock surrounding the uranophane vein, which appears to follow a north-south strike orientation.



Figure 9: Field photograph of the altered and brecciated mafic outcrop with a yellowish uranophane-bearing (U) fracture, from which sample **LHNS13** was collected. This sample returned up to **0.3% U_3O_8 and 0.13% Mo** from the **Tundra Swan** prospect. Note the presence of breccia clast fragments (bx).

RESULTS AND FURTHER WORK

Recent prospecting at Nut Lake South has delivered highly encouraging assay results, particularly from the newly identified high-grade uranium occurrences at Gyrfalcon and Snow Goose. These discoveries define a prospective area extending 10 km in length and 2.3 km in width, supported by favourable northwest-trending structures and characteristic mafic host rocks (Figure 6).

Historical drilling on the adjacent Greenridge property intersected 1 foot at 4.9% U_3O_8 (refer to ASX announcement dated 25 June 2024), and a recent surface discovery at Tayson prospect (refer to CSE:GXP announcement dated 17 September 2023) further highlights the uranium-rich potential of the region.

The rock types at Gyrfalcon, Snow Goose, and Tundra Swan are characterised by altered, variably brecciated mafic rocks with associated disseminated sulphides. These geological features closely resemble those at the **Angilak deposit**, which contains an inferred resource of **43.3 Mlb at 0.69% U_3O_8**, 0.17% molybdenum, 20.6 g/t silver, and 0.25% copper (Figure 11) (refer to ASX announcement dated 25 June 2024).

The uranium mineralisation at Nut Lake South displays a polymetallic signature comparable to Angilak, with elevated concentrations of molybdenum, lead, silver, and copper. Cosmos has submitted samples for XRD and micro XRF analysis to confirm whether the sulphide mineralisation—potentially chalcopyrite (copper), galena (lead), and molybdenite (molybdenum)—is analogous to that the Angilak deposit.

The strong lithological and geochemical similarities between Nut Lake South and Angilak provide compelling support for Cosmos' exploration model, reinforcing the potential for additional discoveries and guiding future exploration efforts.

Historical mapping around the Gyrfalcon and Snow Goose occurrences has identified distinct northwest-trending structures, similar in orientation to the Lac 50 structural trend at Angilak (Figure 10). Further exploration is planned across the high-priority 10 km by 2.3 km area surrounding these occurrences, focusing on these promising northwest-trending structures (Figure 6).

Proposed work includes additional prospecting, shallow diamond drilling at the uranium occurrences, and detailed mineralogical studies. A trial drone-supported VLF (Very Low Frequency) survey is also planned to detect conductive horizons, which could indicate unusually high concentrations of sulphide minerals now known to be associated with uranium mineralisation. Similar VLF survey at Angilak successfully mapped sulphidic horizons linked to the uranium deposit, underscoring the potential of this approach.

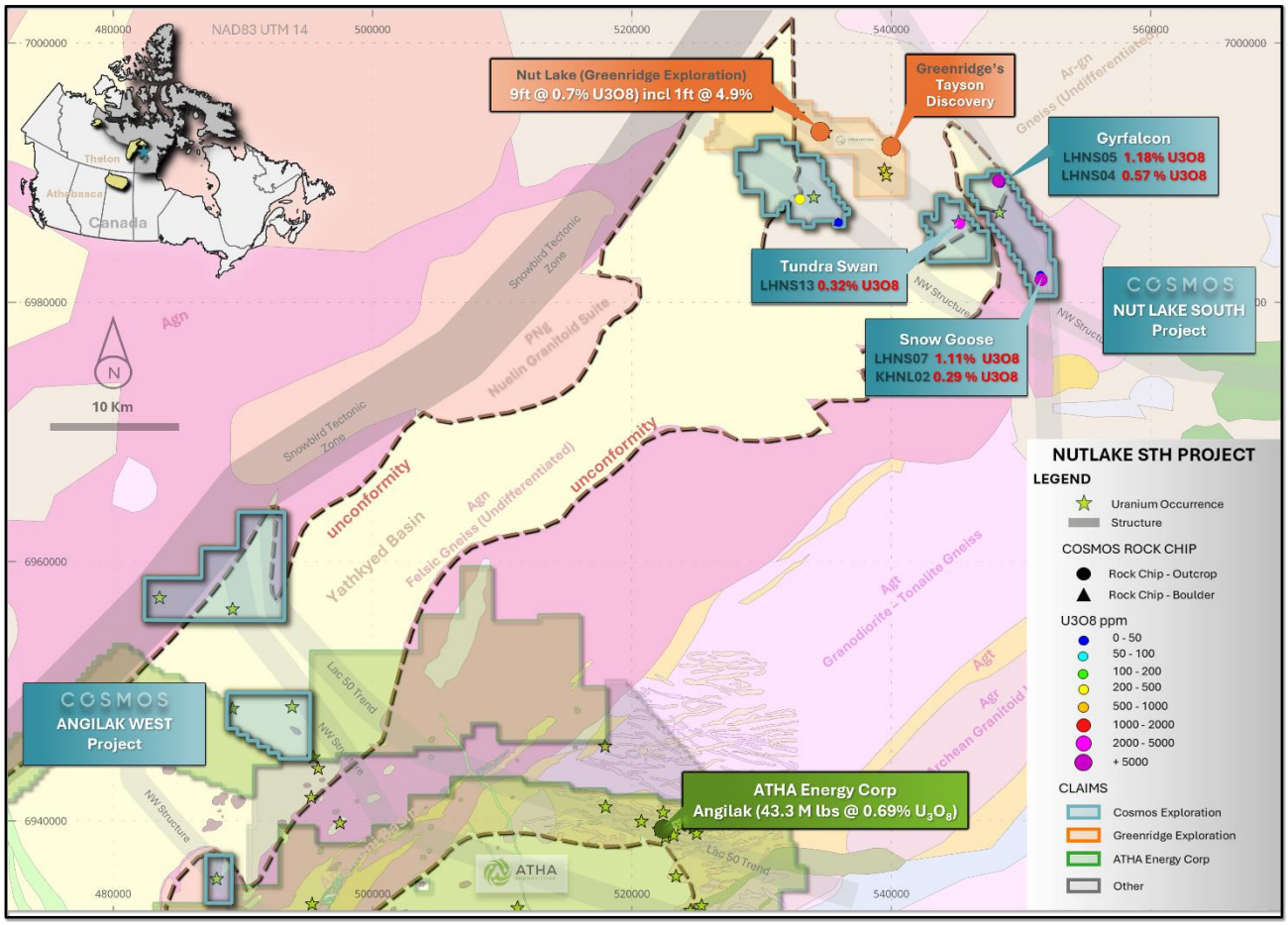

Figure 10: Simplified geology map surrounding the Angikuni and Yathkyed Sedimentary Sub-basins showing the location of Cosmos' new projects in relation to the Angilak uranium deposit[3] and Nut Lake discovery.

The growing interest in the region is evidenced by Atha Energy's recent acquisition of large areas of ground surrounding the southern sub-basins of the Thelon (Yathkyed and Angikuni). Atha Energy, which holds the Angilak deposit, is concentrating its exploration efforts on the Snowbird Tectonic Zone and the northwest-trending structures at Lac 50, along with subparallel structures that intersect Cosmos' Angilak West property (Figure 10). This strategic investment underscores the region's high potential for further discoveries and highlights the promising position of Cosmos' tenements.

Recent drilling and extensive exploration by Atha Energy have revealed that "shallow, high-grade intersections at Angilak provide evidence supporting the Company's thesis that the Lac 50 Trend hosts a stacked lens system, comparable to basement-hosted uranium deposits in the Athabasca Basin, such as Cameco's Eagle Point Mine" (TSXV: SASK announcement, 10 June 2024). This recognition further emphasises the significant exploration upside within the southern sub-basin district, reinforcing the view that the area holds substantial potential for additional discoveries.

BACKGROUND

Fenix

The Fenix Project is situated in the Thelon Basin uranium district (Figures 11 & 12) approximately 100km north of the Kiggavik deposit and 50km southwest of the Amer Lake uranium deposit (**20M lb U3O8**) within

the Amer Group belt, which is a group of basement rocks that have been subject to complex folding and faulting (Figure 2 & 11). The Amer deposit is hosted at the contact between the Showing Lake and Oora Lake formation, however many uranium occurrences are known to occur with other stratigraphic horizons, such as the base of the Resort Lake Formation which is known to contain graphitic horizons (Figure 2) that are commonly associated with uranium deposits in the Athabasca Basin. The Fenix project contains all stratigraphic horizons including the upper Tahiraatuaq group which also contains graphitic horizons, as well as the underlying Woodburn Lake group that hosts Kiggavik (Figures 2 & 11) (refer to ASX announcement, 17 May 2024).

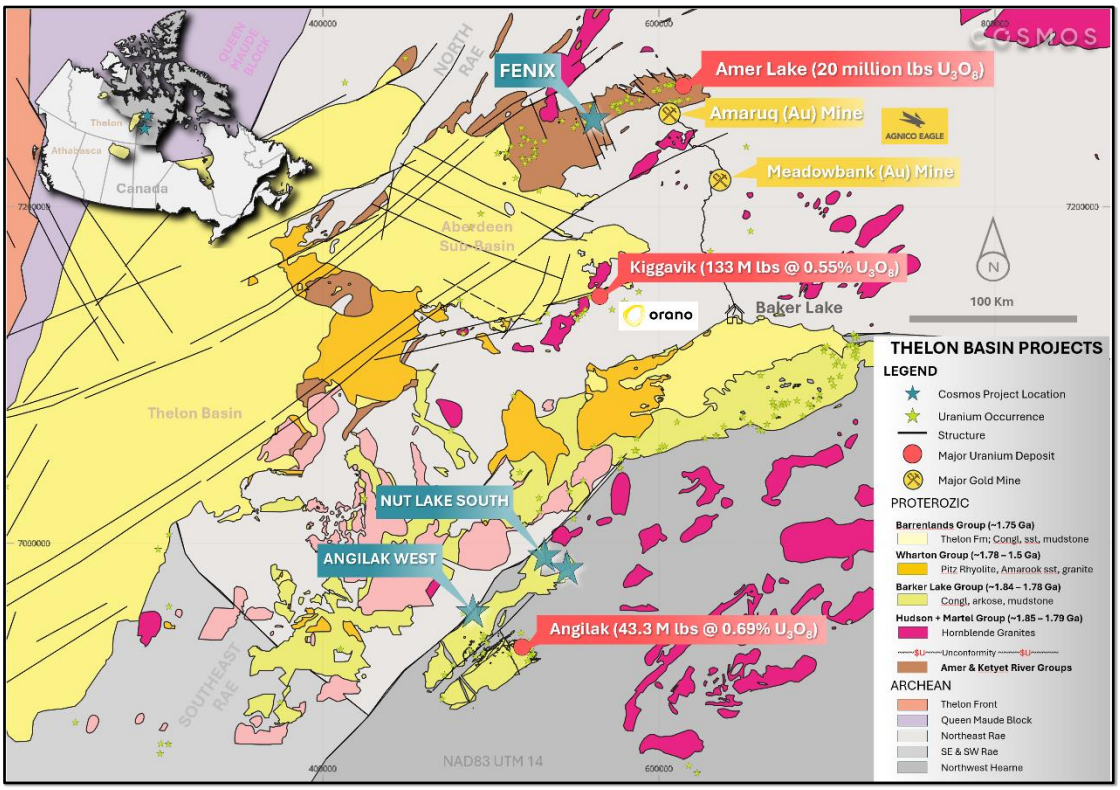

Figure 11: Simplified geology map of the Thelon Basin showing the Cosmos Uranium Projects in relation to the three known uranium deposits discovered to date.

The majority of previous work completed at Fenix comprises primarily of reconnaissance ground prospecting work, with the primary focus on identifying radioactive boulder trains created by glacial activity eroding mineralised substrate. Field programs were conducted sporadically first in 1981 by Resources Ltd, then much later in 2006 and 2007 by the Titan/Mega JV, utilising a handheld scintillometer to estimate radioactivity and laboratory assays on select samples. This work was extremely successful in the identification of at least six significant highly radioactive boulder trains (RAD-1 to 6), whereby glaciers in the last ice age are interpreted to move radioactive rock in a primarily northwest direction (Figure 12). These boulder trains extend for distances varying from 500m to as long as 3km and are defined by scintillometer readings >1000 and **up to 15,000 counts per second (cps)*.** Select assays on radioactive boulders submitted for lab assay indicate high grades of uranium in places with highlights including: up to **6.0% U3O8** at RAD2; up to **3.95% U3O8** at RAD1; up to **0.57% U3O8** at RAD6; and up to **0.53% U3O8** at RAD4.

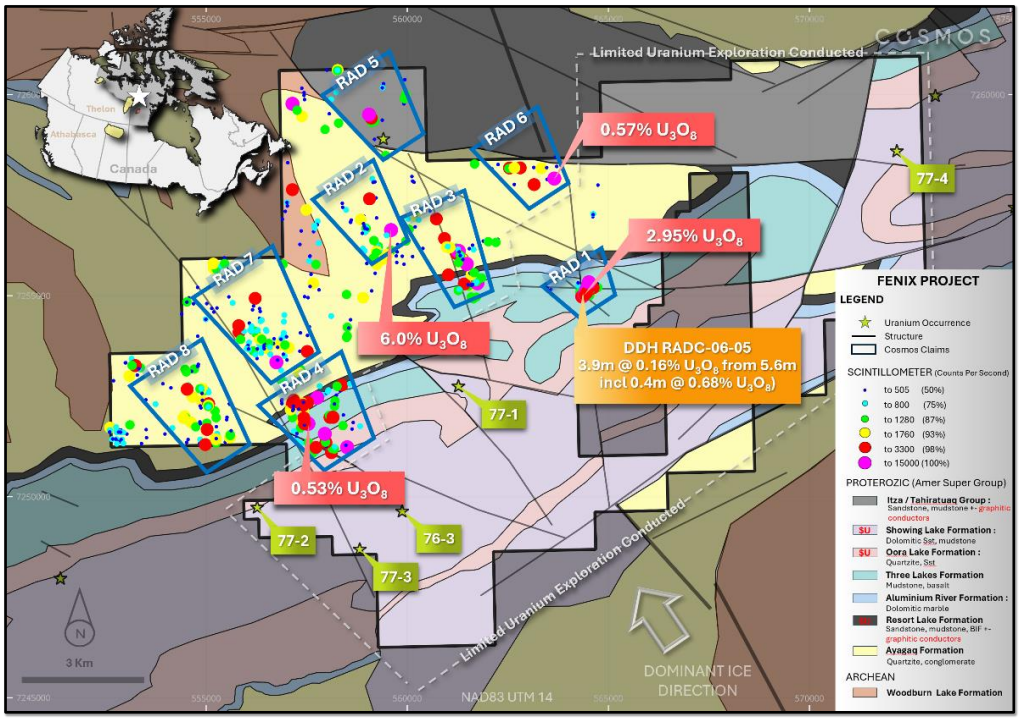

Figure 12: Map of the Fenix Project showing simplified bedrock geology and boulder scintillometer and assay results.

BACKGROUND

NUT LAKE SOUTH AND ANGILAK WEST PROJECTS

In June 2024, Cosmos secured a 100% interest in the Angilak West and Nut Lake South Uranium Projects (Figure 11). These acquisitions significantly enhance Cosmos' uranium exploration portfolio in the Thelon Basin, Nunavut, an area poised to become a premier high grade uranium mining district with striking similarities to the Athabasca Basin, Saskatchewan. Cosmos has acquired a substantial new land position totalling 193.72km2, containing multiple uranium pitchblende occurrences, complementing its existing Fenix Uranium Project. Angilak West project is strategically located along structural extensions that control the mineralisation at the **Angilak Uranium Deposit** containing **43.3 Mlb at 0.69% U_3O_8** (Atha Energy). Cosmos' Nut Lake South project is in close proximity, just 3km to the south of Greenridge Exploration's Nut Lake uranium discovery who announced previous high grade uranium drill intersections of up 9ft of 0.69% (U_3O_8) including 4.9% (U_3O_8) over 1ft from 8ft depth (refer to ASX C1X announcement dated 25 June 2024).

NEXT STEPS

Nunavut

- Mineralogy Analysis
    - Conduct X-ray diffraction (XRD) and micro-X-ray fluorescence (micro-XRF) on selected rock chips.
        - XRD will determine the crystalline structures of minerals, providing insights into lithology and alteration processes.
        - Micro-XRF will offer high-resolution elemental mapping, improving understanding of the mineral distribution and composition.
        - These analyses will advance the understanding of mineralisation styles, host lithologies, and alteration mineralogy, guiding future exploration efforts

Corvette Far East & Lasalle Lithium-Gold Project

Due to the current market conditions and pricing for lithium, Cosmos decided not to pursue any exploration activities at either project this Canadian summer exploration season.

Further, the Company has elected not to proceed with the required expenditure commitments to meet the earn-in option with Midland Exploration Inc. (TSX-V: MD) on the Lasalle Project in Quebec, Canada. The exploration results to date have not met the Company's expectations regarding lithium mineralisation potential. As such, Cosmos has decided to withdraw its involvement in the project.

The Company wishes to thank Midland Exploration for the opportunity to collaborate on the Lasalle Project and acknowledges the professionalism and support provided throughout the partnership with all of Cosmos' interest in the Lasalle project has been assigned to Midland.

Corporate and Business Development

The Company continues project generation activities with evaluation of projects for potential acquisition which will complement the Company's portfolio.

Corporate

Cash-flows for the Quarter

Attached to this report is the Appendix 5B containing the Company's cash flow statement for the quarter. $169,000 was spent on expenditure on exploration and evaluation and $246,000 was spent administration and corporate costs, of which $101,000 were payments made to related parties. These payments relate to the remuneration agreements for Executive and Non-Executive Directors and to SmallCap Corporate Pty Ltd ("SmallCap") for providing company secretarial, accounting and office services to the Company. Non-Executive Director James Bahen is a shareholder and director of SmallCap.

The Company had cash inflows of $400,000 from financing activities from funds received from the placement announced on 13 May 2024.

Cash held by the Company at 30 September 2024 was $669,000.

ASX RELEASE | 30 October 2024 | ASX:C1X

September Quarter – ASX Announcements

This Quarterly Activities Report contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this Quarterly Activities Report can be found in the following announcements lodged on the ASX:

16 July 2024	Exploration Commences at High-Grade Thelon Uranium Projects
3 October 2024	Rock Chip Assays Returned from Fenix Project, Thelon Basin
7 October 2024	Rock Chip Assays at Nut Lake South Project, Thelon Basin

These announcements are available for viewing on the Company's website www.cosmosx.com.au. Cosmos confirms that it is not aware of any new information or data that materially affects the information included in any original ASX announcement.

This announcement has been authorised by the Board of Cosmos Exploration Limited.

For further information please contact:

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About Cosmos Exploration

Cosmos Exploration Limited (ASX: C1X) is an ASX listed International critical minerals Company focussed on making world class discoveries across all its properties including the Thelon Basin Uranium properties in Nunavut Province in Canada, the Corvette Far East Lithium Project in the James Bay region of Quebec, the Byro East REE & Ni-Cu-PGE Project located in Western Australia and Orange the East Gold Project located in New South Wales.

The Company's primary priority is advancing the highly prospective Thelon Basin Uranium properties which include the Fenix Project, the Angilak West Project and the Nut Lake South Project all of which have historic high grade uranium occurrences noted by previous explorers. The Thelon basin is one the world premier addresses to explore for high grade unconformity related uranium deposits with striking similarities to the nearby Athabasca Basin, a major producer of uranium globally. The Thelon basin is home to the world class Kiggavik deposit (133mlbs at 0.55% (U_3O_8).

Competent Person Statement

This report's information related to Exploration Results is based on information and data compiled or reviewed by Mr Kristian Hendricksen. Mr Hendricksen is an employee and shareholder of Cosmos Exploration Limited (Cosmos) and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM).

Mr Hendricksen has sufficient experience relevant to the style of mineralisation under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Accordingly, Mr Hendricksen consents to the inclusion of the matters based on the information compiled by him, in the form and context it appears.

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APPENDIX A - Tenement Information

C1X Australia Tenement List

Tenement ID	Status	State	Location	Project Name	Area Km2	% Interest at the beginning of the quarter	% Interest acquired or disposed	% Interest at the end of the quarter
E09/2386	Granted	WA	350km NE of Geraldton	Byro East	271.0	100	-	100
E09/2387	Granted	WA	345km NE of Geraldton	Byro East	40.0	100	-	100
E09/2408	Granted	WA	400km NE of Geraldton	Byro East	243.7	100	-	100
E09/2409	Granted	WA	334km NE of Geraldton	Byro East	225.4	100	-	100
E09/2443	Granted	WA	326km NE of Geraldton	Byro East	119.9	100	-	100
E09/2525	Granted	WA	402km NE of Geraldton	Byro East	175.8	100	100	0
EL8442	Granted	NSW	20km E of Orange	Orange East	40.0	75	-	75
EL9482	Granted	NSW	20km E of Orange	Orange East	25.8	80	-	80
EL8807	Granted	NSW	25km E of Orange	Orange East	48.7	80	-	80

C1X Canada Claims List

Tenement ID	Status	State	Location	Project Name	Area Km^2	% Interest at the beginning of the quarter	% Interest acquired or disposed	% Interest at the end of the quarter
2648011	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648012	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648013	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648014	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648015	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648016	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648017	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648018	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648019	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648020	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648021	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648022	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100

Tenement ID	Status	State	Location	Project Name	Area Km²	% Interest at the beginning of the quarter	% Interest acquired or disposed	% Interest at the end of the quarter
2648023	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648024	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648025	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648026	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648027	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648028	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648029	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648030	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648031	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648032	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648033	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648034	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648035	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648036	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648037	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648038	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648039	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648040	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648041	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648042	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648043	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648044	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648045	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648046	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648047	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648048	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648049	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648050	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648051	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648052	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648053	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100

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Tenement ID	Status	State	Location	Project Name	Area Km²	% Interest at the beginning of the quarter	% Interest acquired or disposed	% Interest at the end of the quarter
2648054	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648168	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648169	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648661	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648662	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648663	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648664	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648665	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648666	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648667	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2648668	Active	QUEBEC	295km east of Radisson	Corvette Far East	0.511	100	0	100
2124245	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084026	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084027	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084028	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084029	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084030	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084031	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084032	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084033	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084034	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084035	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084036	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084045	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084046	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084048	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084050	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084052	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084054	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084056	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084058	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0

Tenement ID	Status	State	Location	Project Name	Area Km²	% Interest at the beginning of the quarter	% Interest acquired or disposed	% Interest at the end of the quarter
2084060	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084062	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084064	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084066	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084084	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084086	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084088	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084090	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084092	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084094	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084096	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084098	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084100	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084102	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084104	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2084133	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2120298	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2485046	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0
2485047	Active	QUEBEC	346km east of Radisson	Lasalle	0.511	Nil	0	0

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity	
Cosmos Exploration Limited	
ABN	**Quarter ended ("current quarter")**
27 648 890 126	30 September 2024

	Consolidated statement of cash flows	Current quarter $A'000	Year to date (3 months) $A'000
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(169)	(169)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(83)	(83)
	(e) administration and corporate costs	(163)	(163)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	1	1
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	-
1.9	**Net cash from / (used in) operating activities**	**(414)**	**(414)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) exploration & evaluation	-	-
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter $A'000	Year to date (3 months) $A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	**Net cash from / (used in) investing activities**	**-**	**-**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	150	150
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(11)	(11)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material) – Funds received in advanced from issue of equity securities	250	250
3.10	**Net cash from / (used in) financing activities**	**389**	**389**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	695	695
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(414)	(414)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	389	389

Consolidated statement of cash flows		Current quarter $A'000	Year to date (3 months) $A'000
4.5	Effect of movement in exchange rates on cash held	(1)	(1)
4.6	**Cash and cash equivalents at end of period**	**669**	**669**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter $A'000	Previous quarter $A'000
5.1	Bank balances	669	695
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**669**	**695**

6.	Payments to related parties of the entity and their associates	Current quarter $A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	101
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	**Financing facilities** *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities		
7.2	Credit standby arrangements		
7.3	Other (please specify)		
7.4	**Total financing facilities**		

7.5	**Unused financing facilities available at quarter end**	
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(414)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(414)
8.4	Cash and cash equivalents at quarter end (item 4.6)	669
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	669
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	1.62

Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:

8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer: Yes, Cosmos is expecting to have similar cash flows for the next quarter.

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: As an active exploration company, the Company is in regular discussions with financiers who can potentially assist with funding the Company's further exploration programs.

8.8.3	Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?
Answer: Yes, based on the answers provided in 8.81 and 8.8.2.	
Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.	

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: .....30 October 2024.....

Authorised by: ……...Board of the Company.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.

2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".

5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.