# QUARTERLY ACTIVITIES REPORT

FOR THE QUARTER ENDED 31 MARCH 2024



Date: 30 April 2024
ASX Code: NFL

**Capital Structure**
Ordinary Shares: 40,915,932
Unlisted Options: 9,590,000
Listed Options: 10,999,808
Performance Shares: 1,400,000
Current Share Price: 14.5c
Market Capitalisation: $5.93m
Cash: $2.91m (31 Mar 2024)
Debt: Nil

**Directors**
Ben Phillips
Executive Chairman

Leo Pilapil
Technical Director

Patrick Holywell
Non-Executive Director

Arron Canicais
Company Secretary

**Contact Details**
Unit 10,
85-87 Forrest Street
Cottesloe WA 6011

Phone: +61 8 6255 8625

norfolkmetals.com.au

Norfolk Metals Limited (ASX:NFL) (Norfolk or the Company) is pleased to report on its activities during the 3-month period ended 31 March 2024.

**ORROROO URANIUM PROJECT**

- **Maiden drill campaign completed successfully delineating uranium in 10 of 17 holes drilled**
- **Exploration continuing with land access engagements, geophysics and subsequent drill program(s) planning in progress**
- **Additional permit EL6948 granted expanding project area to 723km² total of 100% owned exploration tenure**

**ROGER RIVER GOLD PROJECT**

- **Soil study completed with successful reanalysis of historical samples**

**CORPORATE UPDATE** (including activities subsequent to quarterly period end)

- **Exclusivity and due diligence deed executed for Las Alteras uranium project in Argentina**
- **Strong financial position with $2.91m cash at March 2024 quarter end which was increased subsequently through a strategic placement of $415,746**

## Orroroo Uranium Project, South Australia

Norfolk Metals Ltd (Norfolk or the Company) is pleased to advise the maiden drill program was completed with a further 5 holes drilled across EL6552 being drilled in Phase 2 of the program in January 2024, taking the total number of holes completed in the maiden program to seventeen (17) (Figure 1). Phase 2 of the program sought to test the palaeochannel model at the Wongway Creek Target (formerly Target 1) where suitable drill access was available. A total of three (3) holes were drilled along the river traverse of the Wongway Creek Target testing both upstream and downstream regions. One (1) hole was drilled downstream of the No Name Creek Target (formerly Target 3) as well as the Rankin Rd Target (formerly Target 4). The completion of the maiden drill program has successfully delineated uranium in ten (10) of the seventeen (17) holes providing data for the Company to further develop a geological model of the Walloway Basin (Figure 3). Most importantly, the interpreted uranium bearing floodplain intersected upstream of Wongway Creek gives Norfolk confidence in the palaeochannel model and future exploration efforts can be planned accordingly. **Peak grade of 796ppm pU308 was intersected in ORMR007**.

*peak grade(s) noted are the direct detection of pU308 over a 0.02m interval by Prompt Fission Neutron downhole logging within a composite intersection with a cut-off grade greater than 100ppm pU308.

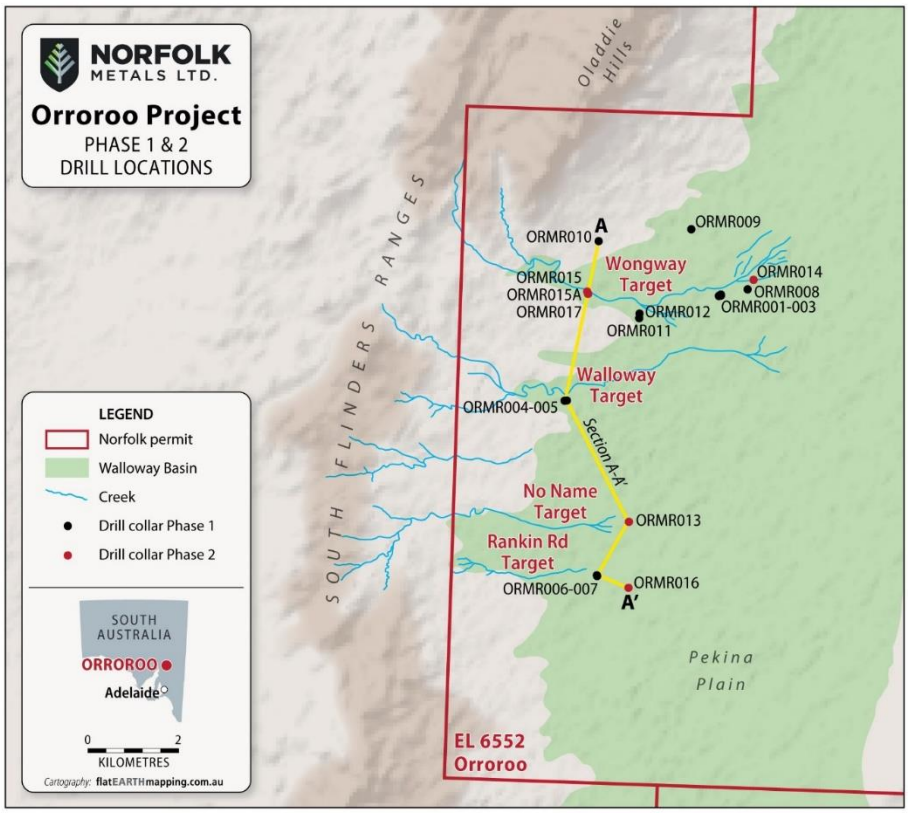



**Figure 1. All drill collars completed in maiden drill program with Section A-A reference for Figure 3**

**Floodplain Interpretation**

The pre-drilling model was targeting the presence of prospective palaeochannels approximately 100 to 150 metres to the south of the modern-day creeks associated with uranium intersected in historical Linc Energy Wells. Drilling results from Phase 1 indicated that the uranium in the Linc Energy Wells appeared to be associated with a secondary permeability created by downward displacement of the sediments resulting from basement faulting or soft sediment deformation. Phase 2 drilling continued to test the targeted prospective palaeochannels located to the south of the modern-day creeks at closer than expected distance of 50m. Younger palaeochannels were seen south of the modern-day creeks in ORMR004 (Walloway Creek Target) and ORMR016 (Rankin Rd Target) at the base of the regolith. This further supports the model of palaeochannels occurring south of the modern-day creeks due to a change in regional slope.

Drillhole ORMR015A was drilled 50m south of the modern-day creek at Wongway Creek Target. Drilling upstream from previous holes enabled easier location of the targeted prospective and potentially wider palaeochannel. **This hole encountered what appears to be a silt dominated floodplain with minor gravel and two elevated gamma anomalies signifying uranium towards the top of this unit as well as the base of this unit** (Figure 2). This unit appears to be the middle section of a palaeochannel between the sand and gravel dominated incising part of a palaeochannel and the clay dominated edge of a floodplain.

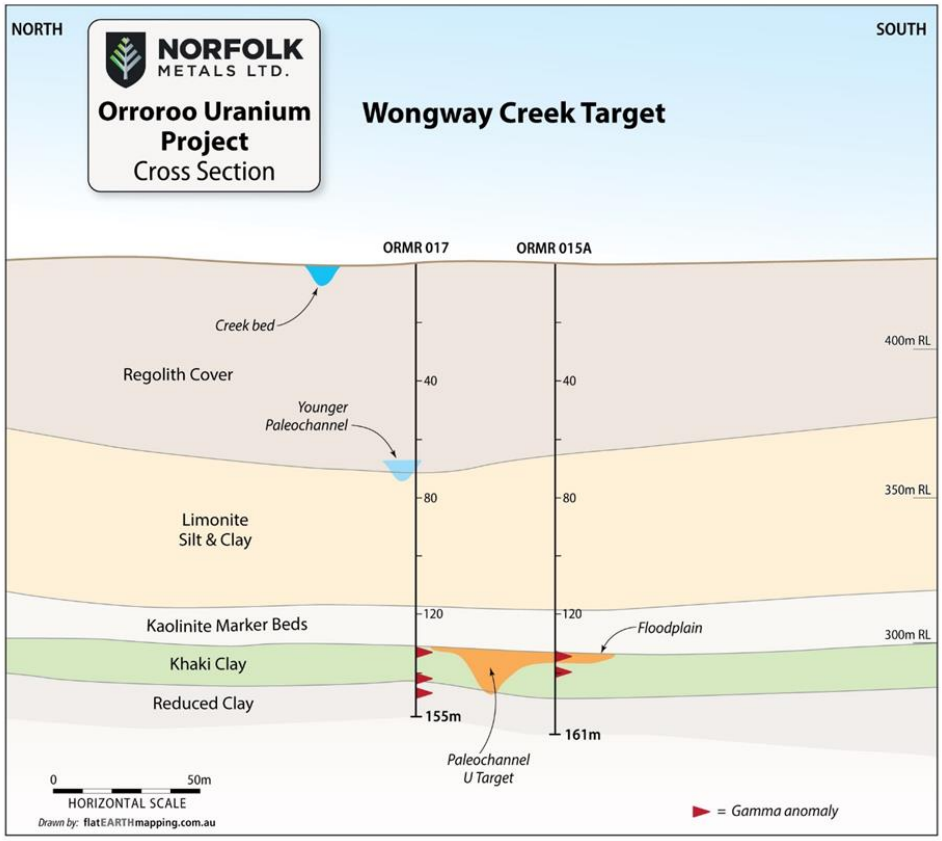



**Figure 2: Wongway Creek Target cross section with interpreted floodplain and associated gamma spikes delineating uranium**

Most importantly, this interpreted floodplain unit was seen directly below a kaolinitic clay marker bed (10m thick on average) which is located in all drillholes across the Walloway Basin. The kaolinitic clay unit appears to be a transitional unit from deepwater lake sediments to an exposure surface where the water has evaporated and kaolinite is able to precipitate at the surface under sub-tropical conditions (Figure 3). Above this marker bed is further deep-water lake type sediments. If there was to be a time period where a palaeochannel was able to form in the Walloway Basin it would potentially be directly below the kaolinite clay marker bed as was seen in ORMR015A. Drillhole ORMR017 was drilled 70m north-west from ORMR015A with the aim of intersecting the incising part of the palaeochannel. A deep incising palaeochannels was not intersected however, an elevated gamma response around 132 metres depth coincided with the top of the floodplain in ORMR015A suggesting that the palaeochannel is possibly located within metres of the targeted region.

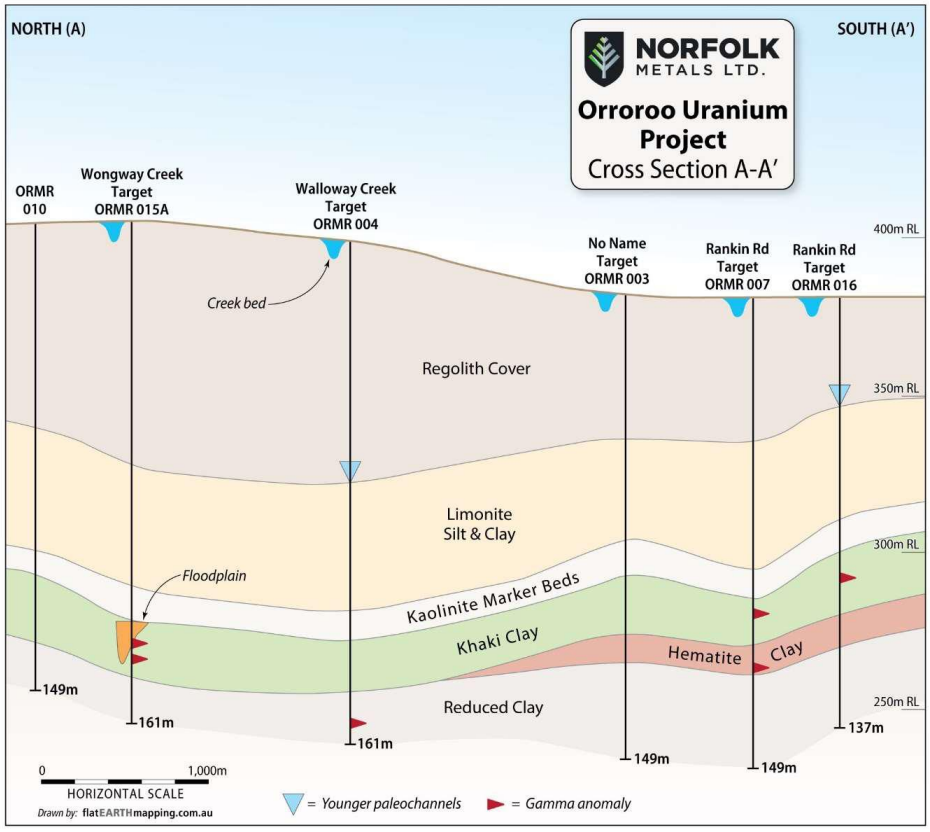



**Figure 3: Orroroo Project Regional Cross Section**
***Please note that some drill holes deliberately omitted for illustration only (scale)**

**Continued Exploration Throughout 2024**

The completion and interpretation of the maiden drill program at Orroroo has further increased the understanding and potential of the project while providing valuable data along with additional district scale targets concluding the below:

- Orroroo project value proposition as a potential new uranium district known as the Walloway Basin in Australia's favoured uranium state has been further proven and de-risked;
- Norfolk has embarked on the future planning and approvals for Orroroo with a focus on the potential close proximity of a uranium-bearing floodplains to the floodplain interpreted near the Wongway target while remaining aware of the district scale opportunities; and,
- Future planning using various geophysical techniques and stakeholder engagements will endeavour to ensure flexibility in follow-up drill program(s).

## Roger River Gold/Copper Project, Tasmania

Norfolk completed a soil program at the Roger River Project (Tasmania) to obtain a better understanding of the copper and gold mineralisation to guide the next exploration phase and potential drilling. The program focus was to provide a lateral vector or a possible surface trend or strike to the native copper (Cu) mineralization intersected in hole 22RRD-001 at Anomaly 2 (A2). The soil program consisted of new surface samples and the re-analyses of selected historical samples (not previously sampled for Cu) being submitted for Cu (multi-elements) analysis.

New surface samples were collected on a 200 x 100m grid around A2 with a total of 98 samples collected covering an area of approximately 1.2km x 1.5km over the interpreted splay from the Roger River Fault. The results revealed a maximum of 11 ppb for gold (Au), 221ppm for copper (Cu) and 35 ppm for arsenic (As). Gridding and plotting of both gold and arsenic results revealed linear anomalies that are coincident with the interpreted main structures (splays) considered as potential conduits for the mineralizing fluids in the Roger River epithermal system (Figure 4).

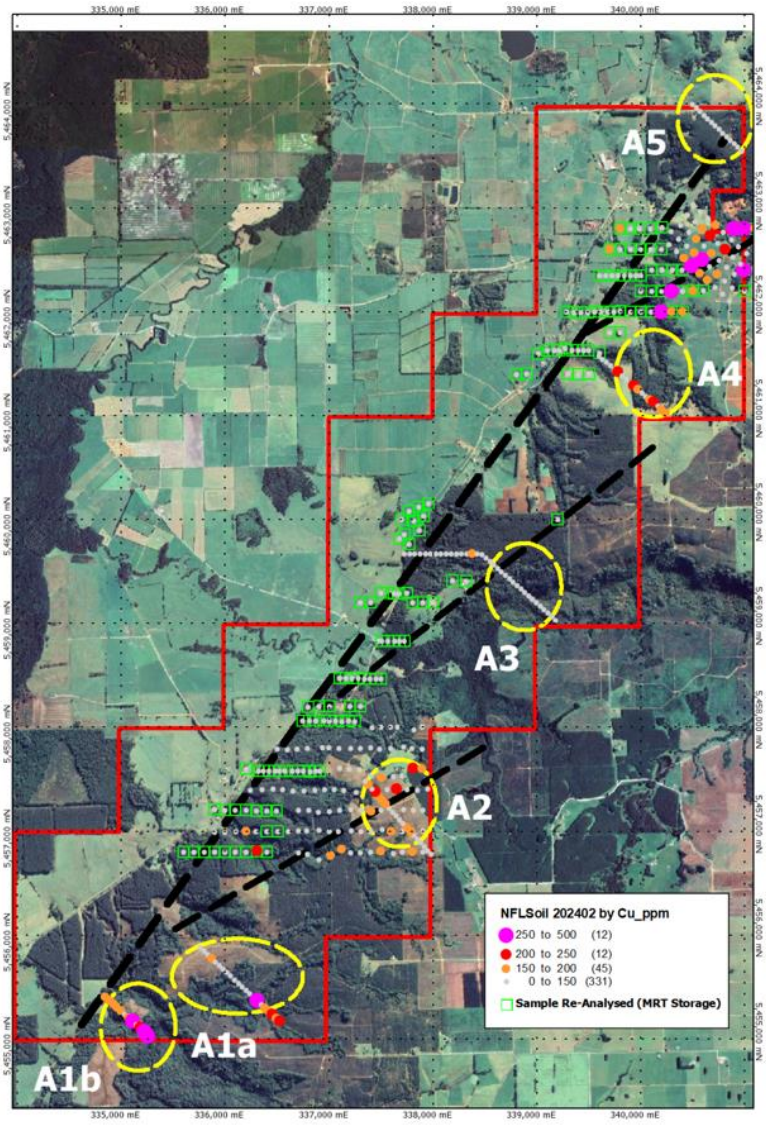



**Figure 4: Soil study new and historical sample locations**

The re-analysis program involved selecting preferred historical soil samples for the entire EL20/2020 tenement. The samples were attained from the Mineral Resources Tasmania (MRT) storage Facility in Hobart. The sample locations were selectively chosen over the Roger River Fault (RRF) and along possible interpreted splays off the RRF. The samples were re-analysed for Cu and other multi-elements. In all, the Company submitted 148 pulp soil samples for multi-element analyses to ALS in Burnie, Tasmania. The results show a continuous Cu anomaly around A4 and A5 prospects located along the interpreted fault splay from the RRF (Figure 5). This anomaly trend has coincident lead (Pb), zinc (Zn) and molybdenum (Mo) anomalies. The RRF also shows a strong continuous As anomaly over the 4km strike length (Figure 6). Gold mineralisation is mainly associated with iron and arsenic minerals such as pyrite and arsenopyrite. During the oxidation process the arsenic is the more mobile element, moves further away from the source and therefore becomes a useful geochemical pathfinder for gold mineralization

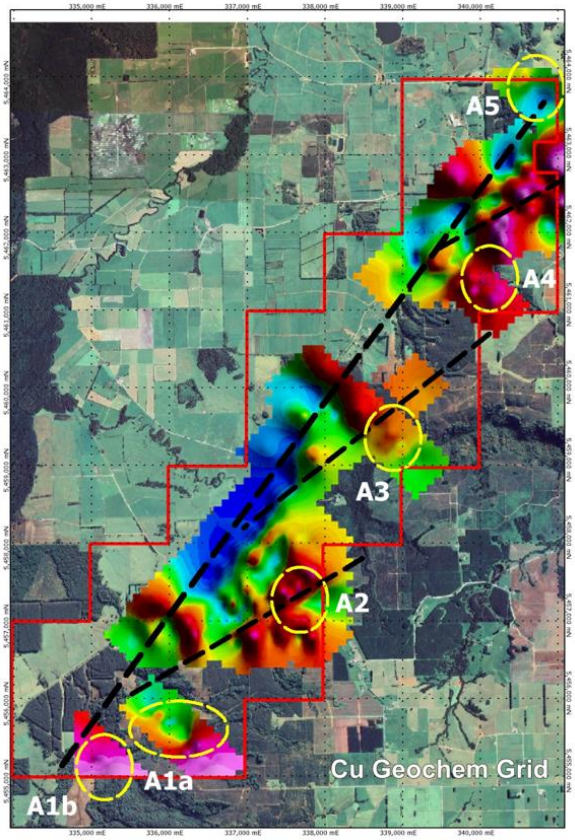



**Figure 5: Cu soil contour with the interpreted splays**

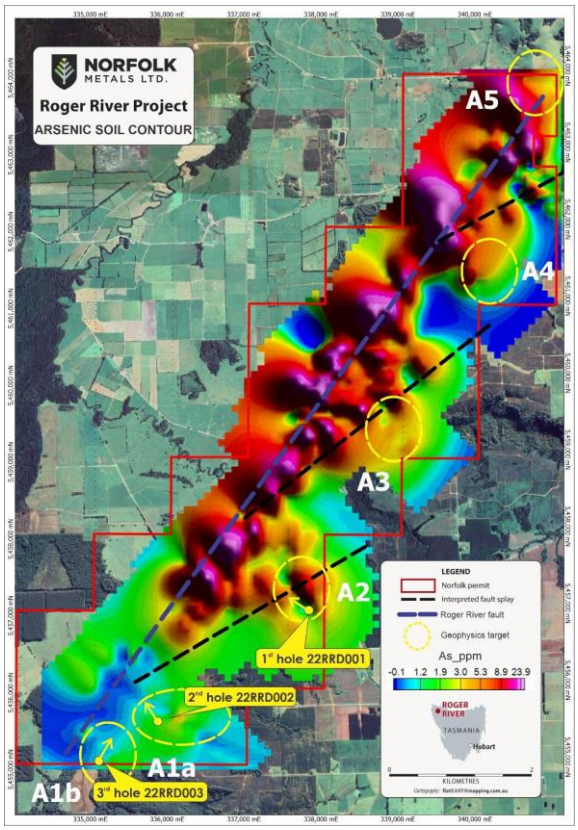
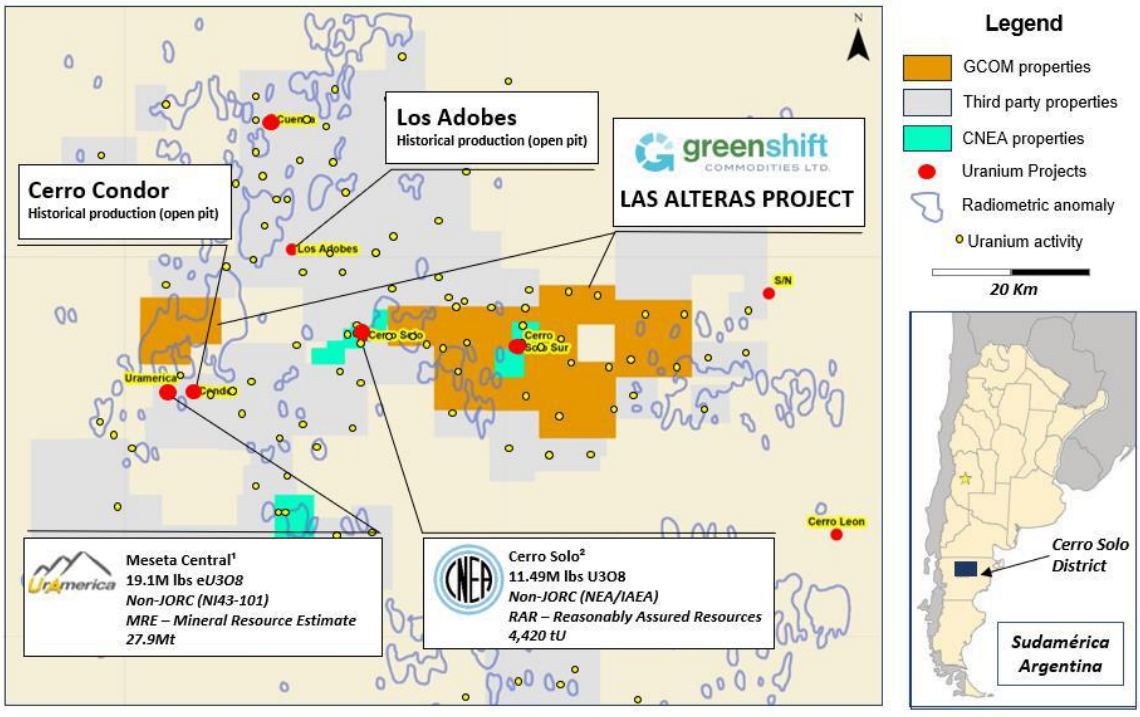



**Figure 6: As soil contour with continuous anomaly over the RRF structure**

## Corporate Update




Resource references:
**¹Meseta Central**
**https://www.uramerica.co.uk/assets**
NI43-101 Technical Report for a Mineral Resource Estimate ('MRE') totalling 27.9 million tonnes with an average grade of 310 ppm eU3O8 for a contained 19.1M lb of eU3O8 using a cut- off grade of 200 ppm

**[2]Cerro Solo**
**https://unece.org/DAM/energy/images/UNFC_Reserv/publications/1919051_E_ECE_ENERGY_109_WEB.pdf**
4,420 tU ≤ USD 130/kgU

**[3]Laguna Salada**
**https://www.isoenergy.ca/portfolio/argentina/laguna-salada**
NI43-101 10.1m lbs U308 Indicated 6.3M lbs & Inferred 3.8M lb

*Cautionary Statement: the estimate of mineralisation in respect of Meseta Central (NI 43-101), Cerro Solo (NEA/IAEA) and Laguna Salada[3] (NI 43-101), reported in this announcement are "foreign estimates" for the purposes of the ASX Listing Rules, and accordingly: the estimate is not reported in accordance with the JORC Code; a competent person has not done sufficient work to classify the foreign estimates as mineral resources or ore reserves in accordance with the JORC Code; and it is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code. In relation to Cerro Solo deposit the conversion of 4,420 tU to U308 in lbs is as per 1 MT U in U3O8 = 2,599.79 lbs. U3O8; please see conversion table via: **https://www.uranium.info/unit_conversion_table.php**
See Classification of Uranium Resources by IAEA here: **https://www-pub.iaea.org/MTCD/Publications/PDF/te_1035_prn.pdf**

Subsequently to the reporting period Norfolk executed an Exclusivity and Due Diligence Deed with Green Shift Commodities Ltd (GCOM), a company incorporated in Canada, to acquire 100% of the Las Alteras uranium project in Chubut, Argentina (Las Alteras). The successful acquisition will position Norfolk as a multinational, multi-project uranium exploration company. This is an important step towards Norfolk's plans to accumulate high value exploration projects in proven regions while maintaining a favourable company structure and cash reserves.

Las Alteras uranium project is surrounded by non-JORC foreign estimates* at URAmerica's Meseta Central deposit (19.1Mlbs eU308[1]), CNEA's Cerro Solo deposit (11.49Mlbs U308[2]), ISO Energy's Laguna Salada deposit (10.1Mlbs U308[3]) along with the Cerro Condor and Los Adobes historical uranium mines. As the uranium market continues to evolve globally, it is Norfolk's view that the Chubut region of the San Jorge Basin hosting the renowned government owned Cerro Solo deposit presents an exceptional opportunity to diversify and grow the Company. The addition of the Las Alteras project suite will allow Norfolk to progress the appointment of Key Management Personnel and advisors.

Please see the Company presentation regarding the Las Alteras uranium project released on the ASX on the 18th of April 2024.

Subsequent to the reporting period, Norfolk has also completed a placement to strategic professional and sophisticated investors to raise $415,746.45 (before costs) through the issue of 2,771,643 fully paid ordinary shares (New Shares) at an issue price of A$0.15 per New Share under capacity of Listing Rule 7.1.

The cash flows relating to the quarter included $515k in exploration and evaluation spend on the Company's Roger River and Orroroo projects and $112k in staff and admin costs managing the corporate requirements of the Company.

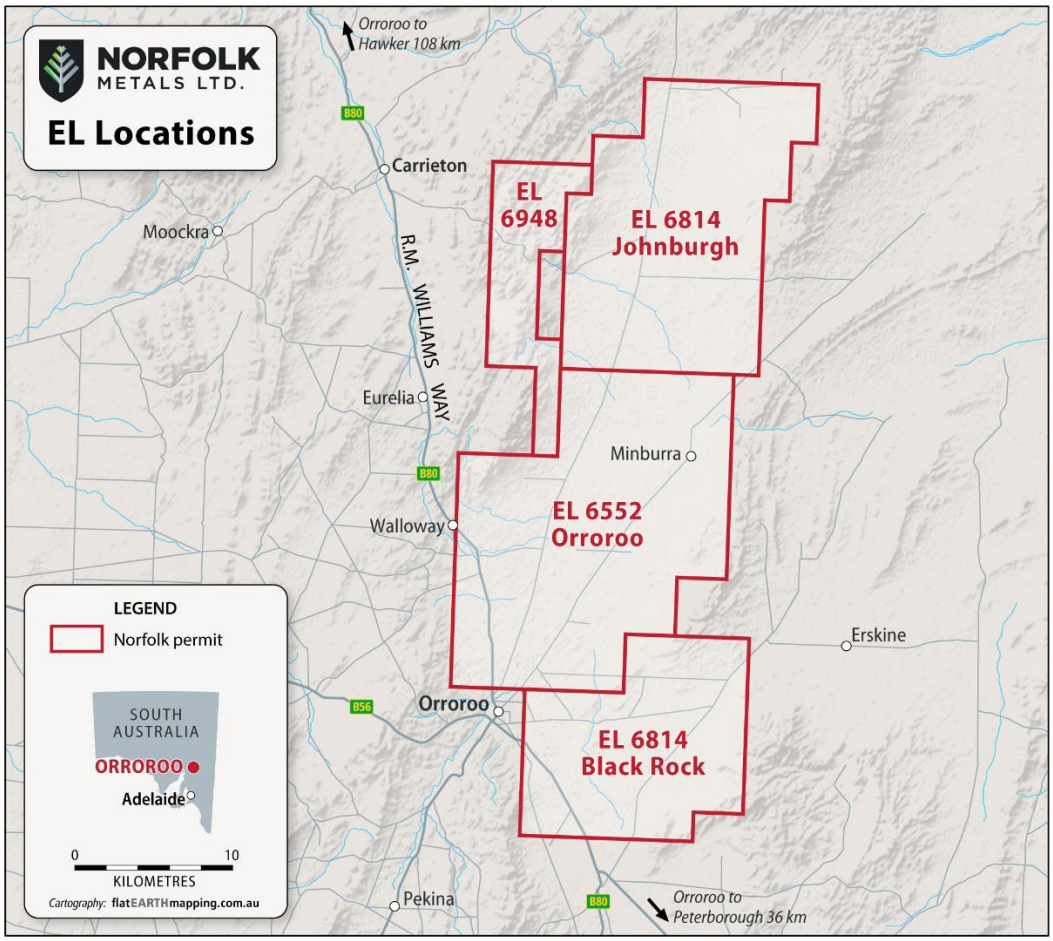
The Company had a closing cash balance of $2.91 million.

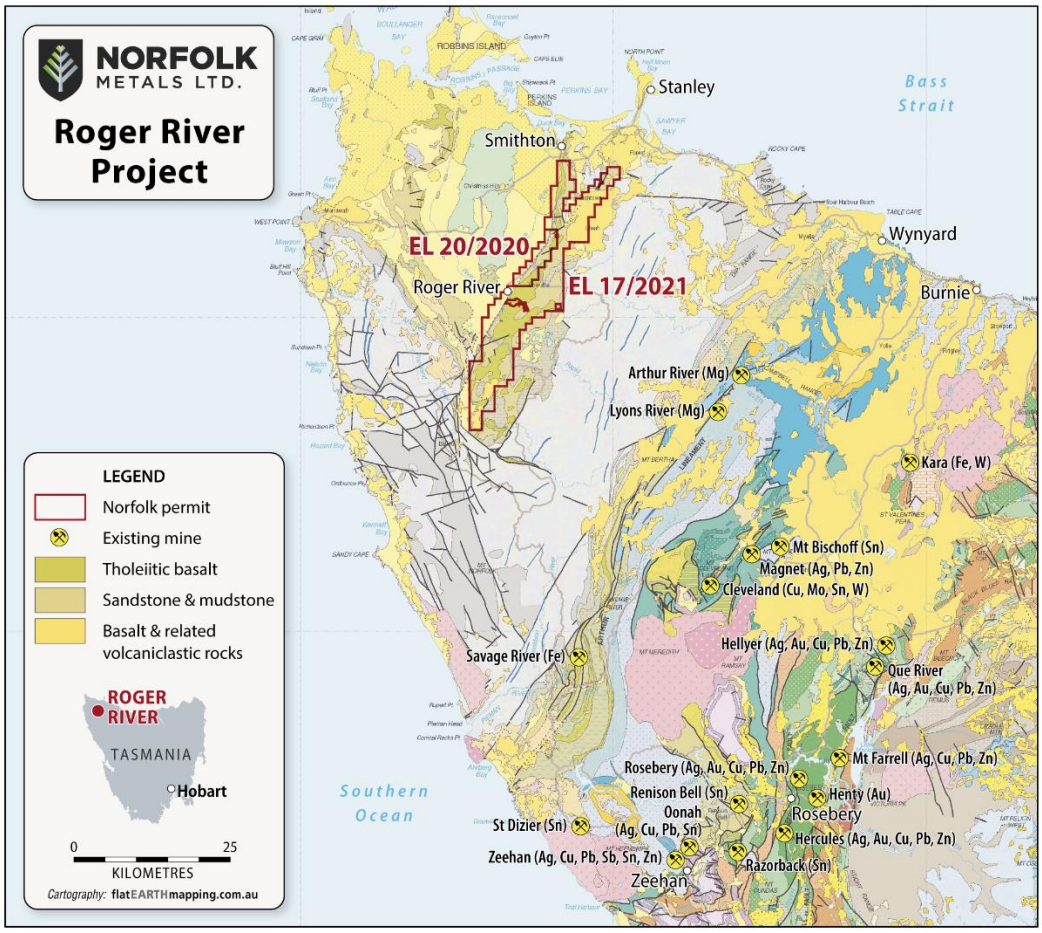
For the purposes of section 6 of the Appendix 5B, all payments made to related parties are for director and consulting fees.

**Tenement Status**

The Company confirms that all of its tenements remain in good standing. The Company has not disposed of any tenements during the quarter.

| Tenement ID | Holder/Applicant | Interest (%) |
|---|---|---|
| EL20/2020 | Roger River Resources Pty Ltd | 100% |
| EL17/2021 | Roger River Resources Pty Ltd | 100% |
| EL6552 | Black Lake Pty Ltd | 100% |
| EL6814 | Black Lake Pty Ltd | 100% |
| EL6948 | Black Lake Pty Ltd | 100% |






END

This announcement has been authorized by the board of directors of Norfolk.

## About Norfolk Metals

The Orroroo Uranium Project comprises three granted exploration licenses, EL6552, EL6814 and EL6948, which together cover 723km2, located approximately 274km northwest of the capital city of Adelaide, South Australia within the Walloway Basin, which is an elongate Tertiary Basin approximately 50km long and up to 15km wide. It consists of Tertiary and Quaternary sediments unconformably underlain by Adelaidian basement.

The Roger River Project comprises two granted exploration licenses, EL20/2020, and EL17/2021, which together cover 261km2, located 410km northwest of the capital city of Hobart, Tasmania. The Project is prospective for gold and copper as indicated by the intense silicification, argillisation and diatreme breccias in close proximity to the Roger River Fault along with carbonate-rich host rocks.

For further information please visit www.norfolkmetals.com.au.

## Competent Persons Statement

The information in this announcement that relates to exploration results, is based on, and fairly represents, information and supporting documentation prepared by Mr Leo Pilapil, a competent person who is a member of the Australasian Institute of Mining and Metallurgy.

Mr Pilapil has a minimum of five years' experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a competent person as defined in the 2012 Edition of the Joint Ore Reserves Committee Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Pilapil is a related party of the Company, being the Technical Director, and holds securities in the Company. Mr Pilapil has consented to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

# Appendix 5B

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



| Name of entity | |
|---|---|
| Norfolk Metals Limited | |
| **ABN** | **Quarter ended ("current quarter")** |
| 38 652 438 385 | 31 March 2024 |

| | **Consolidated statement of cash flows** | **Current quarter $A'000** | **Year to date (9 months) $A'000** |
|---|---|---|---|
| **1.** | **Cash flows from operating activities** | | |
| 1.1 | Receipts from customers | - | - |
| 1.2 | Payments for | | |
| | (a) exploration & evaluation | - | - |
| | (b) development | - | - |
| | (c) production | - | - |
| | (d) staff costs | (52) | (169) |
| | (e) administration and corporate costs | (60) | (354) |
| 1.3 | Dividends received (see note 3) | - | - |
| 1.4 | Interest received | 15 | 78 |
| 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** | **(97)** | **(445)** |

| | | | |
|---|---|---|---|
| **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 | (515) | (886) |
| | (e) investments | - | - |
| | (f) other non-current assets | - | - |

| Consolidated statement of cash flows | | Current quarter $A'000 | Year to date (9 months) $A'000 |
|---|---|---|---|
| 2.2 | Proceeds from the disposal of: | | |
| | (a) entities | - | - |
| | (b) tenements | - | - |
| | (c) property, plant and equipment | 33 | 33 |
| | (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** | **(482)** | **(853)** |

| | | | |
|---|---|---|---|
| **3.** | **Cash flows from financing activities** | | |
| 3.1 | Proceeds from issues of equity securities (excluding convertible debt securities) | - | 1,110 |
| 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 | - | (106) |
| 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) – receipt/payment of insurance funding facility | - | (8) |
| **3.10** | **Net cash from / (used in) financing activities** | **-** | **996** |

| | | | |
|---|---|---|---|
| **4.** | **Net increase / (decrease) in cash and cash equivalents for the period** | | |
| 4.1 | Cash and cash equivalents at beginning of period | 3,487 | 3,210 |
| 4.2 | Net cash from / (used in) operating activities (item 1.9 above) | (97) | (445) |
| 4.3 | Net cash from / (used in) investing activities (item 2.6 above) | (482) | (853) |
| 4.4 | Net cash from / (used in) financing activities (item 3.10 above) | - | 996 |

| Consolidated statement of cash flows | | Current quarter $A'000 | Year to date (9 months) $A'000 |
|---|---|---|---|
| 4.5 | Effect of movement in exchange rates on cash held | - | - |
| **4.6** | **Cash and cash equivalents at end of period** | **2,908** | **2,908** |

| 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 | 658 | 1,237 |
| 5.2 | Call deposits | 2,250 | 2,250 |
| 5.3 | Bank overdrafts | - | - |
| 5.4 | Other (Corporate Credit Card) | - | - |
| **5.5** | **Cash and cash equivalents at end of quarter (should equal item 4.6 above)** | **2,908** | **3,487** |

| 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 | 57 |
| 6.2 | Aggregate amount of payments to related parties and their associates included in item 2 | 24 |

*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<br>*Note: the term "facility' includes all forms of financing arrangements available to the entity.*<br>*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. | | |
| | N/A | | |

| 8. | Estimated cash available for future operating activities | $A'000 |
|---|---|---|
| 8.1 | Net cash from / (used in) operating activities (item 1.9) | (97) |
| 8.2 | (Payments for exploration & evaluation classified as investing activities) (item 2.1(d)) | (515) |
| 8.3 | Total relevant outgoings (item 8.1 + item 8.2) | (612) |
| 8.4 | Cash and cash equivalents at quarter end (item 4.6) | 2,908 |
| 8.5 | Unused finance facilities available at quarter end (item 7.5) | - |
| 8.6 | Total available funding (item 8.4 + item 8.5) | 2,908 |
| 8.7 | **Estimated quarters of funding available (item 8.6 divided by item 8.3)** | 4.75 |

*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: Not applicable

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: Not applicable

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: Not applicable

*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 April 2024

Authorised by: By the Board
(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.