Quarterly Activities Report

September 2021

29 October 2021

Recently listed battery metals explorer **Charger Metals NL** (ASX: **CHR**, '**Charger**' or '**the Company**') is pleased to provide the following update on its business activities for its first quarter since listing.

HIGHLIGHTS

Bynoe Lithium Project, Northern Territory

- *14 pegmatite anomalies have previously been identified within a 5-km long zone from existing geochemistry.*
- *A field crew has completed 3,034 mapping and geochemical samples during Aug 2021.*
- *First results highlight drill-ready targets at the centrally located Enterprise 1, Enterprise 2 and Bucks Lithium Trends.*
- *Mapping has confirmed 9 clusters of pegmatites forming within lithium zones some 4 kilometres wide.*
- *An aeromagnetics survey has now commenced to better trace buried pegmatites.*

Coates Ni-Cu-Co-PGE Project, Western Australia

- *SkyTEM aerial survey confirms prospective Ni-Cu-PGE targets at the Coates Project.*
- *Interpretation of preliminary data has delineated 22 conductive targets (which may include nickeliferous sulphide rocks).*
- *Target T1 is a cluster of excellent conductors striking over 1,500m and closely related to weakly magnetic horizons of the Coates mafic intrusive complex.*
- *The northern end of the T1 target correlates with anomalous Ni-Cu-Au-PGE values in regolith geochemistry samples.*

Lake Johnston Lithium Project, Western Australia

- *Initial soil geochemistry results indicate a new lithium target at Lake Johnston.*
- *Further soil geochemistry and mapping programs completed at the Medcalf Spodumene Prospect and underway at Mt Day Prospect.*
- *Charger has also increased its Lake Johnston tenement holding through a further exploration license application to the north.*
- *Large Earl Grey lithium deposit located approximately 70 km west of this Project.*

Corporate – Strong Funding Position

- *Charger successfully listed on 9th July 2021.*
- *Cash $5.18M as at 30 September 2021.*
- *Tight capital structure and Market Capitalisation $22M*

Figure 1: Location of Charger Metals NL Projects

BYNOE LITHIUM PROJECT, NORTHERN TERRITORY (CHARGER - 70% INTEREST)

During August 2021, Charger commenced exploration activities at the Company's Bynoe Lithium Project, located approximately 35 kilometres southwest of Darwin, Northern Territory. The Bynoe Project is in an area with excellent access and nearby infrastructure.

Charger's interest in the Bynoe project was acquired due to its prospectivity for spodumene (Li) however the area is a past producer of cassiterite (Sn) and is recognised as prospective for tantalite (Ta) as well[1].

These minerals are hosted in lithium-caesium-tantalum (LCT) pegmatites and Bynoe has at least 14 pegmatite targets that have been identified within a 5-kilometre-long zone from previous geochemistry.

[1] The following element abbreviations are used: lithium (Li), tantalum (Ta) tin (Sn)

Charger's Project is surrounded by the large tenement holdings of Core Lithium Limited's (ASX: CXO) Finnis Lithium Project (refer to Figure 2), which has a mineral resource inventory of 14.7Mt at 1.32% Li_2O (see CXO ASX announcement dated 6 August 2021, Definitive Feasibility Study Investor Presentation) and has now commenced construction of the Finnis Project (see CXO announcement dated 26 October 2021). The Bynoe lithium project is located within the Bynoe Pegmatite Field which is part of the much larger Litchfield Pegmatite Belt. The Bynoe Pegmatite Field is some 70 km in length and 15 km in width.

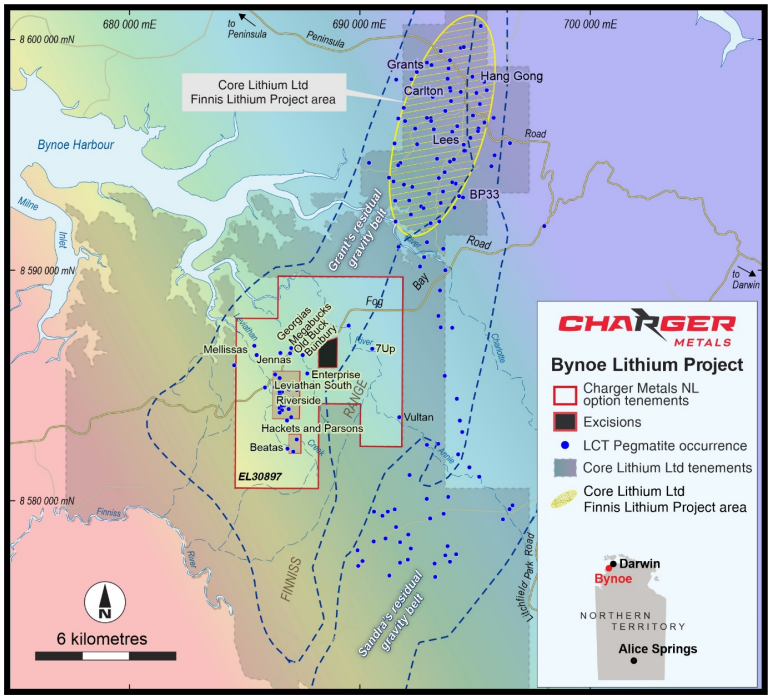

Figure 2: Bynoe Lithium Project location plan showing proximity to Core Lithium's Finnis Lithium Project and LCT pegmatite occurrences.

During August 2021, 3,034 soil samples were taken at the Bynoe Project. To date 637 assays have been received, with results highlighting three parallel, drill-ready targets at the Enterprise 1, Enterprise 2 and Bucks Lithium Trends (Figures 2, 3 and 4). Through mapping and the use of modern geochemistry techniques, Charger's geologists have located many outcropping LCT pegmatites for progressive evaluation.

Three Drill Targets Confirmed on the Two Enterprise and Bucks Lithium Trends

Three drill targets have been identified at the centrally located Enterprise 1, Enterprise 2 and Bucks Lithium Trends.

- Enterprise 1 is made up of poorly outcropping pegmatite and was previously evaluated for tantalum. Charger's geochemistry program has generated a strong Li anomaly with supporting elements common in LCT pegmatite systems. The target has a strike length of 600 metres.
- Enterprise 2 is a swarm of more prominently outcropping pegmatites with a strike length exceeding 400m. While soil geochemistry is anomalous in Li, this prospect has a very strong, coincident caesium anomaly, another distinctive element in LCT pegmatite systems.
- Bucks Trend, which includes the artisanal scale tin/tantalum workings named Old Bucks and Mega Bucks. Lithium anomalies were returned from geochemical drilling completed in the mid 2000's and with Charger's 2021 geochemistry a target that is at least 1km in length is indicated.

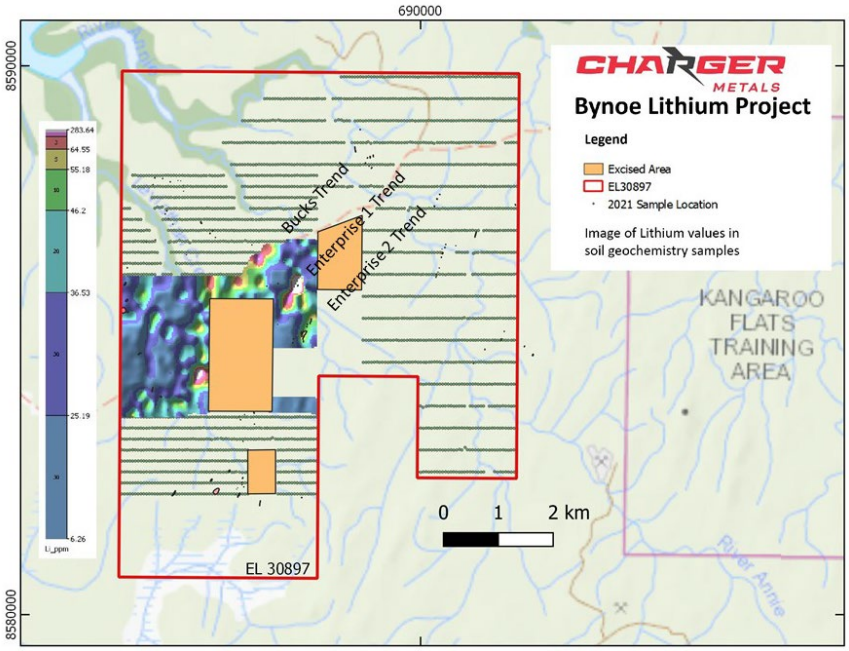

Figure 3: Bynoe Project Interim Geochemistry. Points shown are the 3,034 sample sites and the image is of the 637 Li geochemistry analyses received to date.

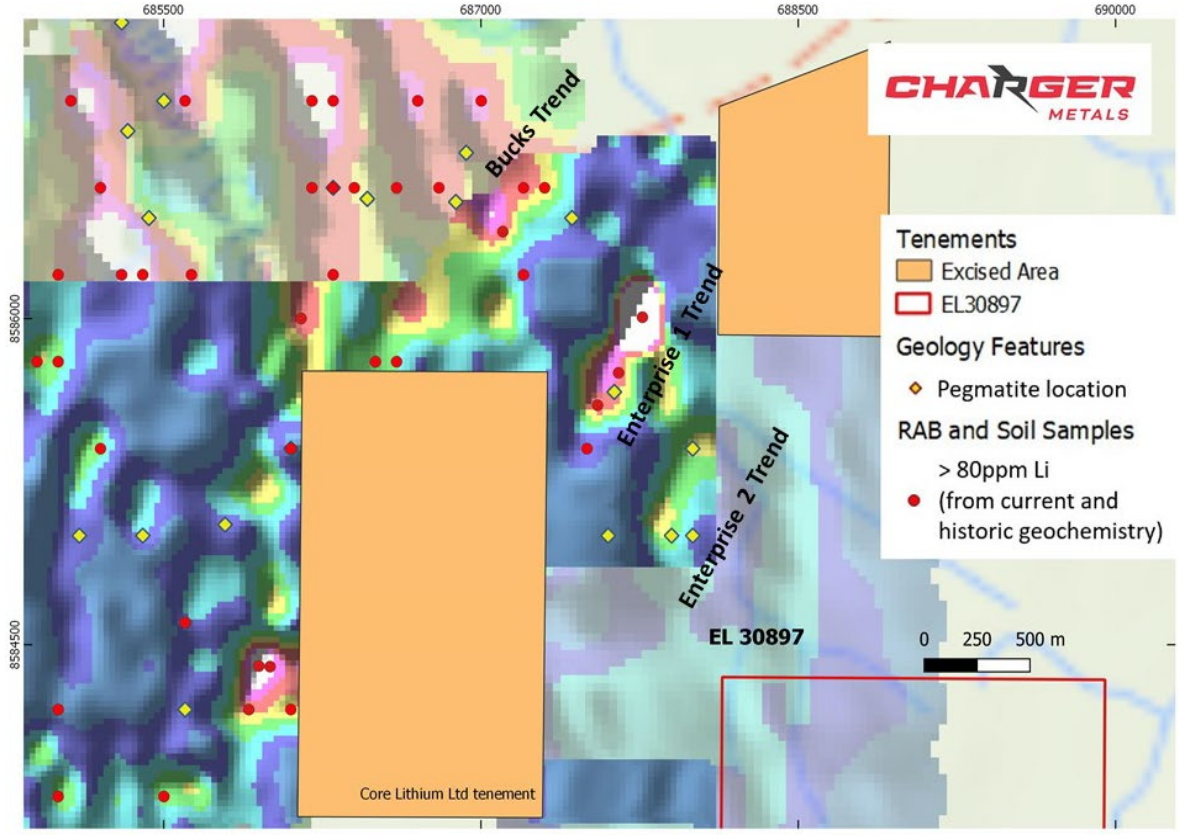

Figure 4: Bynoe Project Interim LCT Geochemistry enlarged to show additional target information. Front image is 2021 infill Li geochemistry, background image is wider-spaced mid 2000s Li geochemistry.

Refer to the ASX announcement released on 27 October 2021 for further details of these geochemical results.

Bynoe Outlook

The Company looks forward to receiving the balance of the soil geochemistry results during the December quarter.

An aeromagnetic survey has commenced to help orient and extend prospective areas that are evident from mapping and geochemistry and to also better trace buried pegmatites.

Charger's systematic exploration targeting at the Bynoe Lithium Project is designed to refine the 5-kilometre-long cluster of lithium targets to a point where a substantial drilling program can be planned at targets such as the Enterprise 1, Enterprise 2 and Bucks Lithium Trends.

COATES NI-CU-CO-PGE PROJECT, WESTERN AUSTRALIA (CHARGER 70%-85% INTEREST)

The Company holds a 70% to 85% ownership in the Coates Project, which is located approximately 60 km east of Perth at Wundowie, Western Australia, (Figure 5). The Coates Project is considered prospective for Ni Cu Co PGE[2].

Recent interest in the Western Yilgarn Province, which includes the Coates Project, has been driven by the nearby discovery of the significant mafic intrusive-hosted Julimar Ni Cu Co PGE Project by Chalice Gold Mines Ltd, located approximately 20 kilometres to the northwest of the Coates Project.

Charger's Coates Ni Cu Co PGE Project benefitted from an earlier exploration program by Bauxite Resources Ltd, which undertook vacuum drilling and sampling. Geochemical analysis for Ni, Cu, Au and PGE returned anomalous, and

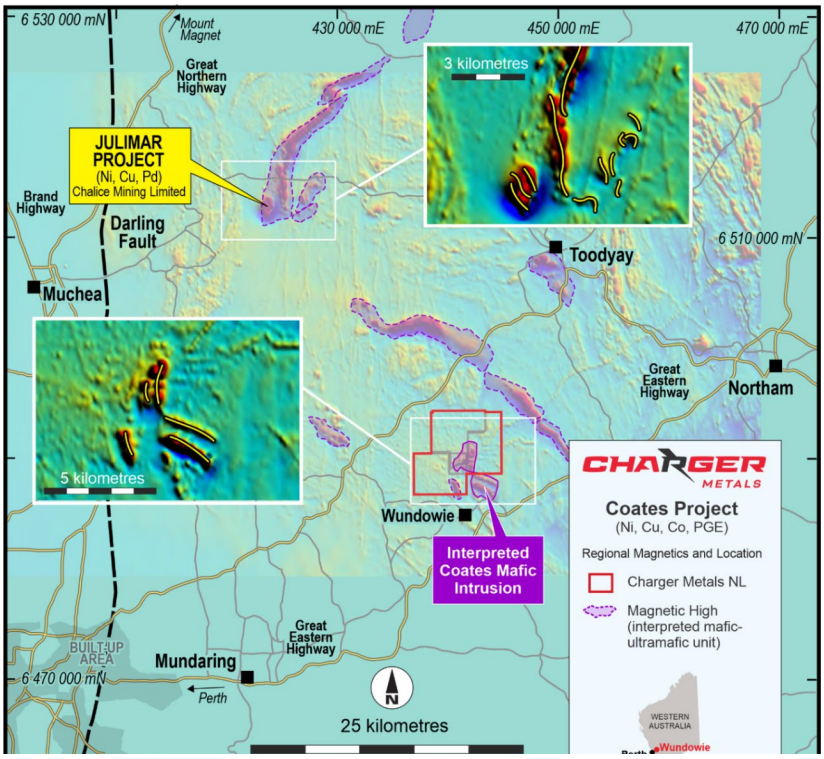

Figure 5: Location plan of the Coates Ni-Cu-Co-PGE Project overlain on an image of processed regional aeromagnetic data. The Coates project is approximately 20km southeast of the Julimar Project (Chalice Mining Limited ASX: CHN).

[2] Ni means nickel, Cu - copper, Co - cobalt PGE - platinum group metals

often co-incident, values including platinum (max 37ppb), palladium (max 53ppb) and gold (max 108ppb) adjacent to the Coates mafic intrusive complex, which is considered most encouraging from an exploration point of view. By analogy, the mineralisation at Chalice's Julimar Project is characterised by a similar Cu Ni Co PGE elemental association within a mafic intrusive complex.

SkyTEM Generates Ni-Cu-Au-PGE Targets Associated with the Coates Mafic Intrusive Complex

During August 2021 SkyTEM Australia Pty Ltd completed a helicopter electromagnetic (HEM) survey to test the Company's Coates Ni Cu Co PGE Project, targeting the Coates mafic intrusive complex and surrounding ground, for conductors (which may include nickeliferous sulphide rocks). The survey included the area with previously defined Ni Cu and PGE geochemical anomalies and was flown with 150m line spacing.

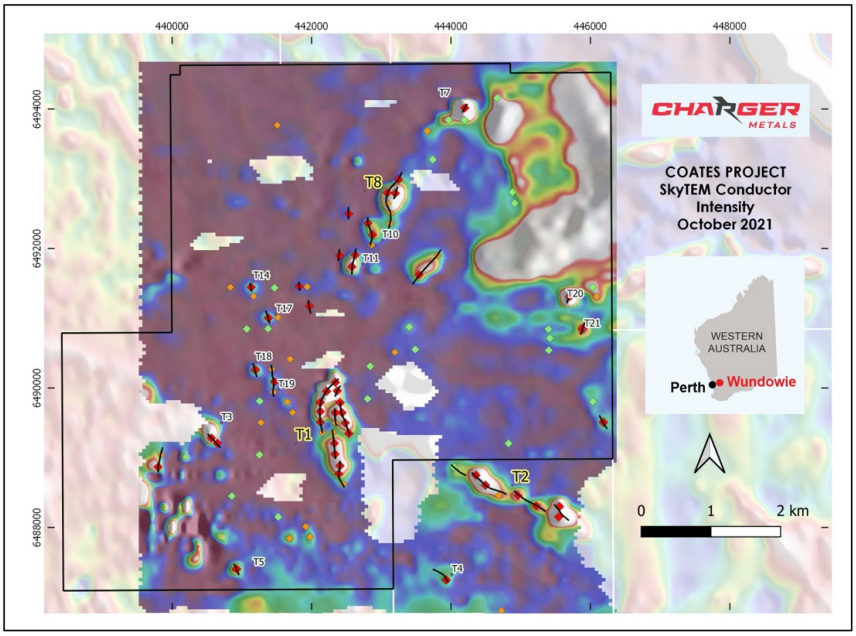

Figure 6: The High Moment (HM) Channel 30 Z-Component image showing 22 priority targets, including Target T1. Anomaly ranking: Red diamonds - high, orange – medium, green – low rank.

Preliminary data has been interpreted and final data will be processed and interpreted shortly. This will include modelling for conductance and geometry as appropriate.

A total of 105 anomalies were picked and ranked from data profiles. From these, 22 priority targets were delineated.

Of the 22 targets, Target 1 (T1) stands out as extensive and is associated closely with the Coates mafic intrusive complex. T1 consists of a cluster of 19 HEM anomalies interpreted to form several parallel conductors extending over 1500m of strike length. Some of the HEM responses have very high conductivity. The Target 1 conductors sit immediately adjacent to magnetic features interpreted to be components of the Coates mafic intrusive complex.

The northern end of T1 (where vacuum drilling was completed to test for bauxite) has a Ni Cu Au and PGE geochemistry anomaly. The southern end of the target has previously not been tested.

Some of the other targets are less extensive but are good conductors and will be progressively further tested, including Target T8, which is highly conductive and along strike from the Target T1. Other similar conductors of interest are along trend.

Refer to the ASX announcement released on 14 October 2021 for further details of the survey.

Coates Outlook

Forthcoming work will include:

A detailed aeromagnetic survey. Current wide-spaced data has been fit for purpose to date, but better resolution data will enable better geological modelling.

Increased soil geochemistry coverage. Approximately 25% of the project, or 50% of the SkyTEM targets, has geochemical coverage. Much of the T1 target has no geochemistry.

Ground EM surveys. Initially, the T1 target will be better resolved through moving loop and fixed loop electromagnetic (EM) surveys.

Social and environmental engagement. The Company is actively engaging with stakeholders around the Company's future activities.

LAKE JOHNSTON LITHIUM PROJECT, WESTERN AUSTRALIA (CHARGER 70%-100% INTEREST)

Soil Geochemistry Results Indicate a New Lithium Target at Lake Johnston

During July 2021 Charger advised that results from a recent soil geochemistry survey at the Lake Johnston Project in Western Australia returned a significant lithium anomaly in a previously untested area of E63/1903 (Figures 7 and 8). The anomaly has coincident lithium (Li) caesium (Cs) and rubidium (Rb) suggestive of the presence of a lithium-caesium-tantalum (LCT) pegmatite.

Elsewhere within Charger's Lake Johnston Project, LCT pegmatites are known at Mount Day (16km north of the new target) and at Lake Medcalf (approximately 25 km to the southeast) where spodumene, the most sought-after hard rock lithium mineral, occurs in outcrops.

Large Earl Grey lithium Deposit Located Approximately 70KM West of this Project

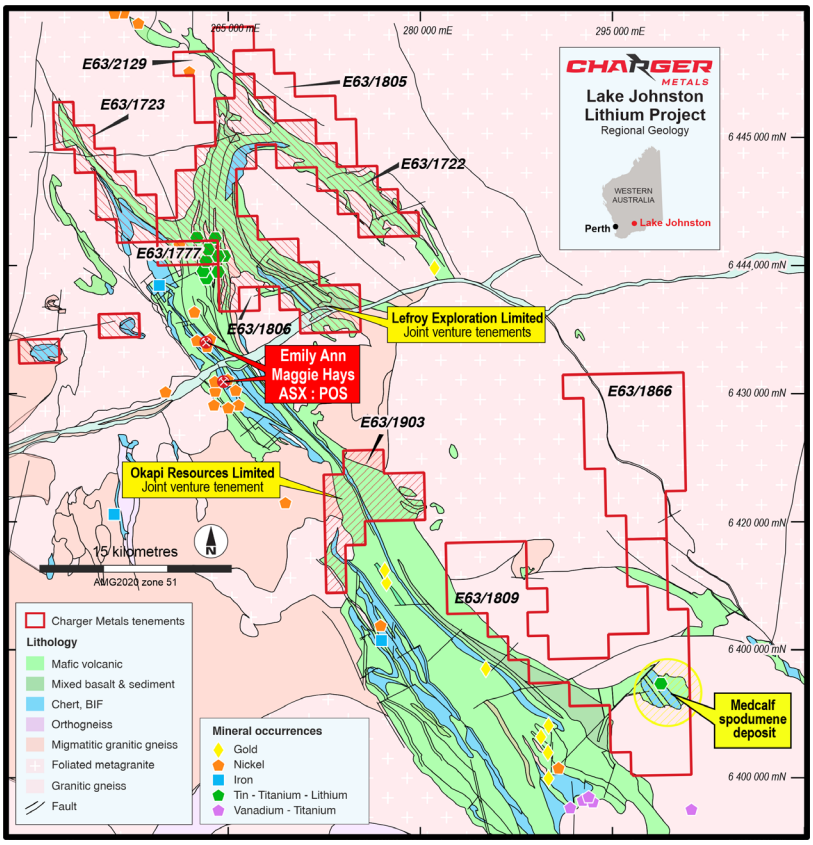

Figure 7: The Lake Johnston Lithium Project tenements over GSWA geology showing E63/1903, the location of the soil geochemistry program and tenement application E63/2129.

The region has attracted considerable recent interest following the discovery of the Earl Grey/Mt Holland lithium deposit by Kidman Resources Ltd and now being developed by Wesfarmers Ltd and SQM, located approximately 70km west of the Lake Johnston Project. It is understood to be one of the biggest undeveloped hard-rock lithium projects in Australia with Ore Reserves for the Earl Grey Deposit estimated at 94.2 Mt at 1.5% Li2O3.

Further Exploration Licence Application at Lake Johnston (100% Interest)

The Company also pegged E63/2129, a 100% owned exploration licence application with an area of 23 Km2. The tenement covers greenstone and the northern end of an internal granitoid of the northern Lake Johnston greenstone belt. Greenstones are prospective for gold and nickel, and near the margin of internal granitoids can be prospective for LCT pegmatites.

[3] *Kidman Resources ASX Announcement dated 18 December 2018.*

Lake Johnston Soil Geochemistry Results – 100% Lithium Rights

The Company's geochemical programs are guided by Geochemical Services Pty Ltd, which provides expert procedural and interpretive services.

Sampling in this area of the anomaly is along a sample grid of 400m x 50m. The peak anomaly reached a high of **89.7ppm lithium** at the southern end of the mapped area.

Exploration licence E63/1903 has an active joint venture with Okapi Resources Limited whereby Charger has 100% rights to all lithium and associated minerals that occur within LCT Pegmatites and Okapi has the exclusive right to earn a 75% interest in other minerals including gold and nickel.

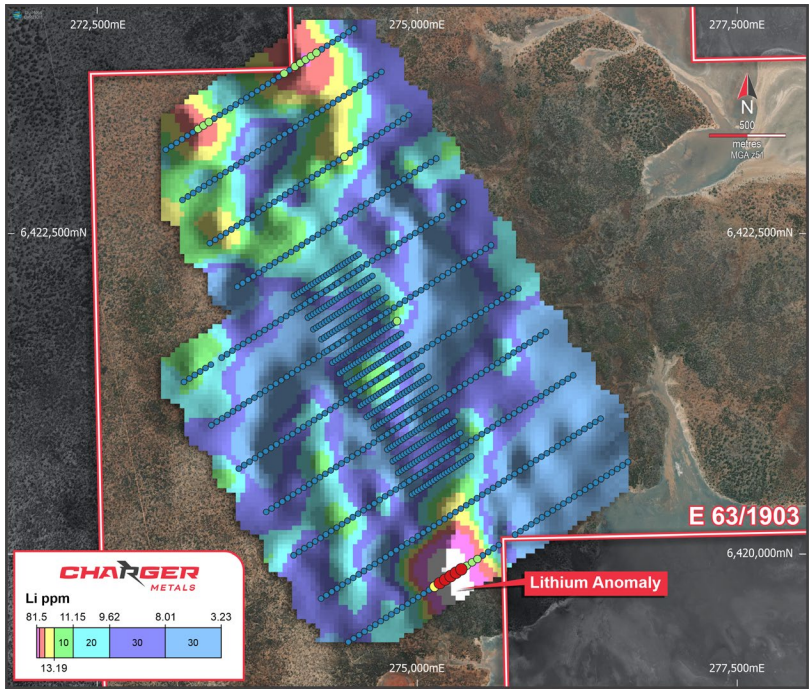

Figure 8: Image of lithium results from geochemistry samples taken from E63/1903.

Lake Johnston Outlook

Having recently acquired the project, the Charger has assembled available datasets and is looking to expand on the information to hand. Charger is progressively expanding the soil geochemistry coverage in areas that are amenable as soil conditions permit. Mapping and targeted geophysical surveys are currently progressing. The Company plans to fast track targeting work to allow drilling to be undertaken at the earliest possible time at Lake Johnston.

CORPORATE – STRONG FUNDING POSITION

Charger completed the acquisition of its interests in its three projects in early July 2021. On the 9th July 2021, Charger listed on the ASX after successfully raising $6,000,000 before costs as outlined in its Prospectus dated 27 May 2021.

Charger had cash of $5.18M as at 30 Sept'21 and currently has a tight capital structure with 50 million ordinary shares and market capitalisation $22M.

ASX Listing Rule 5.3.4 Disclosure

Indicative Use of Funds	Per IPO Prospectus (2-year period)	Actual Expenditure Up to 30 September 2021
Exploration at Coates Project	$1,536,000	$111,012
Exploration at Lake Johnston Lithium Project	$948,000	$5,982
Exploration at Bynoe Lithium and Gold Project	$937,200	$8,793
Acquisition costs & stamp duty (including expenses of offer)	$746,506	$706,343
New project acquisition targets	$300,000	$0
General working capital	$2,187,294	$390,684
Total Allocation	$6,355,000	$1,222,814

Table 1: Indicative use of funds

ASX Listing Rule 5.3.5 Disclosure - Payments to related parties during the quarter as outlined in Sections 6.1 and 6.2 of the Appendix 5B consisted of $102,818 in directors' fees and fees to the Managing Director under his executive services agreement.

The Company's Annual General Meeting will be held on Friday 26 November 2021. For further details please refer to the Notice of Annual General Meeting released on ASX on 25 October 2021.

Authorised for release by the Board.

David Crook
Managing Director
Mobile +61 427 916 974
david.crook@chargermetals.com.au

Jonathan Whyte
Company Secretary
Telephone +618 6146 5325
jdw@chargermetals.com.au

Tenement Schedule as at 30 September 2021

Tenement	Project	% interest
E70/5198	Coates Project, Western Australia	70%
ELA70/5437 *	Coates Project, Western Australia	70%
P70/1752	Coates Project, Western Australia	70%
P70/1753	Coates Project, Western Australia	70%
R70/59	Coates Project, Western Australia	85% - subject to Yankuang Bauxite Interest
EL30897	Bynoe Lithium and Gold Project, Northern Territory	70%
E63/1805	Lake Johnston Lithium and Gold Project, Western Australia	70%
E63/1809	Lake Johnston Lithium and Gold Project, Western Australia	70%
E63/1866	Lake Johnston Lithium and Gold Project, Western Australia	70%
E63/1806	Lake Johnston Lithium and Gold Project, Western Australia	70%
ELA63/2129 *	Lake Johnston Lithium and Gold Project, Western Australia	100%
E63/1903	Lake Johnston Lithium and Gold Project, Western Australia	70% - Okapi currently earning a 75% interest in E63/1903 excluding rights to all lithium and associated minerals that occur within lithium-caesium-tantalum pegmatites
E63/1722	Lake Johnston Lithium Project, Western Australia	70% interest in lithium rights under the Lithium Rights Agreement with Lefroy Exploration Limited
E63/1723	Lake Johnston Lithium Project, Western Australia	70% interest in lithium rights under the Lithium Rights Agreement with Lefroy Exploration Limited
E63/1777	Lake Johnston Lithium Project, Western Australia	70% interest in lithium rights under the Lithium Rights Agreement with Lefroy Exploration Limited

* Exploration Licence Applications

JORC Table 1 Statement

JORC Table 1 for the Coates Project included in an announcement to the ASX released on 14 October 2021: "SkyTEM Survey confirms prospective nickel-copper-PGE targets". Charger confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the exploration results continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

JORC Table 1 for the Bynoe Project included in an announcement to the ASX released on 27 October 2021: "Charger confirms emerging lithium targets at Bynoe". Charger confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the exploration results continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Competent Person Statement – Exploration Strategy

The information in this announcement that relates to exploration strategy and results is based on information provided to and compiled by geologist David Crook BSc GAICD who is a Member of The Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Crook is Managing Director of Charger Metals NL.

Mr Crook has sufficient experience which is relevant to the style of mineralisation and exploration processes as reported herein to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

The information in this announcement that relates to Geophysical interpretations over the Coates Project was provided by Mr Bill Peters of Southern Geoscience Consultants who is a Fellow of The Australian Institute of Mining and Metallurgy.

Mr Peters has sufficient experience which is relevant to the style of mineralisation and exploration processes reported herein to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Mr Crook and Mr Peters both consent to the inclusion in this announcement of the information contained herein, in the form and context in which it appears.

Forward Looking Statements

This announcement may contain certain "forward looking statements" which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis.

However, forward looking statements are subject to risks, uncertainties, assumptions, and other factors which could cause actual results to differ materially from future results expressed, projected or implied by such forward looking statements. Such risks include, but are not limited to exploration risk, Resource risk, metal price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we sell our product to, and government regulation and judicial outcomes.

For more detailed discussion of such risks and other factors, see the Company's Prospectus, as well as the Company's other filings. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publicly any revisions to any "forward looking statement" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.