Quarterly Activities Report

June 2022

28 July 2022

Battery metals explorer **Charger Metals NL** (ASX: **CHR**, '**Charger**' or '**the Company**') is pleased to provide the following update on its activities for the June 2022 Quarter:

HIGHLIGHTS

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

- Final drilling approvals received from DMIRS[1] this Quarter, which completed the land access requirements ahead of drilling at the Coates Project.
- During July'22 the Company's maiden drill programme commenced, testing targets which may represent Ni, Cu Co and PGE mineralisation.
- An initial five diamond drill holes are planned to test EM conductors and geochemical anomalies.

Bynoe Lithium Project, Northern Territory

- Geochemistry and field mapping have highlight two LCT pegmatite zones[2], which extend for 8 km at Megabucks and 3.5 km at 7-Up, forming the basis for the intended drilling programme.
- When geochemistry and aeromagnetic data is viewed in conjunction with publicly available drilling results from Core Lithium Ltd (ASX: CXO) and other earlier explorers, the trend direction of lithium-mineralised LCT pegmatites appear to extend from CXO's adjacent Finniss Lithium Project into the Bynoe Project.
- Permit applications for the maiden drill programme at the Bynoe Project advancing:
    - MMP[3] approved.
    - AAPA[4] review and landholder access progressing.
    - Drilling will commence once all approves are in place.

Lake Johnston Lithium Project, Western Australia

- Project-wide soil geochemistry programmes completed at Lake Johnston Lithium Project.
- LCT pegmatites exist within a 50km corridor, at the Medcalf, Mt Day and Pagrus Prospects.
    - The most advanced is the Medcalf Prospect, where spodumene[5]-bearing LCT pegmatites outcrop in a cluster at least 500m long within a 300m-wide corridor.
    - Rock-chip assays from Medcalf pegmatites range between 1.51% and 7.15% Li_2O.
    - Medcalf is being prepared for drilling once all approvals are in place.
- Low impact field work is resuming at Mt Day and Pagrus Prospects.

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[1] Means Department of Mines, Industry Regulation and Safety of Western Australia
[2] LCT pegmatite refers to a class of pegmatite enriched in alkali metals including lithium and caesium, and tantalum.
[3] MMP means Mine Management Plan, a document that records environmental and safety undertakings required by the Northern Territory Department of Industry, Tourism and Trade
[4] AAPA means Aboriginal Affairs Protection Authority of the Northern Territory
[5] Spodumene is the preferred mineral for the commercial extraction of lithium, which occurs in some LCT pegmatites

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Corporate

- At the end of the June quarter, the Company held cash reserves of $3.47m.
- The Company has a very tight capital structure with 51.0 million fully paid ordinary shares on issue and an undiluted market capitalisation of approximately $24.0 million.
- The top 20 shareholders hold approximately 61.3% of the issued shares.

Charger Metals NL is a well-funded exploration company targeting lithium and battery metals in three emerging Australian provinces.

Figure 1: Location of Charger Metals NL Projects in three emerging battery metals belts

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

During the Quarter the Company received POW[6] approval permitting ground disturbing activities, and in July 2022, the Company commenced its maiden diamond drilling programme targeting Ni Cu Co PGE[7] mineralisation (Photo 1).

The Company holds a 70% to 85% ownership in the Coates Project, which is located approximately 65 km east of Perth at Wundowie, Western Australia (Figure 2). The Coates Project contains a mafic intrusive complex within the Jimperding Metamorphic Belt, which also hosts the world class, 20Moz Pd equivalent Julimar - Gonneville Ni-Cu-Co-PGE Project[8] owned by Chalice Mining Ltd (ASX: CHN).

The drilling programme initially consists of five diamond drill holes, designed to test the upper levels of the T1 geophysical target and extensions highlighted by regolith geochemistry (Figure 3). The proposed collar positions take into account the interpretation of FLTEM[9] data, geology and geochemistry.

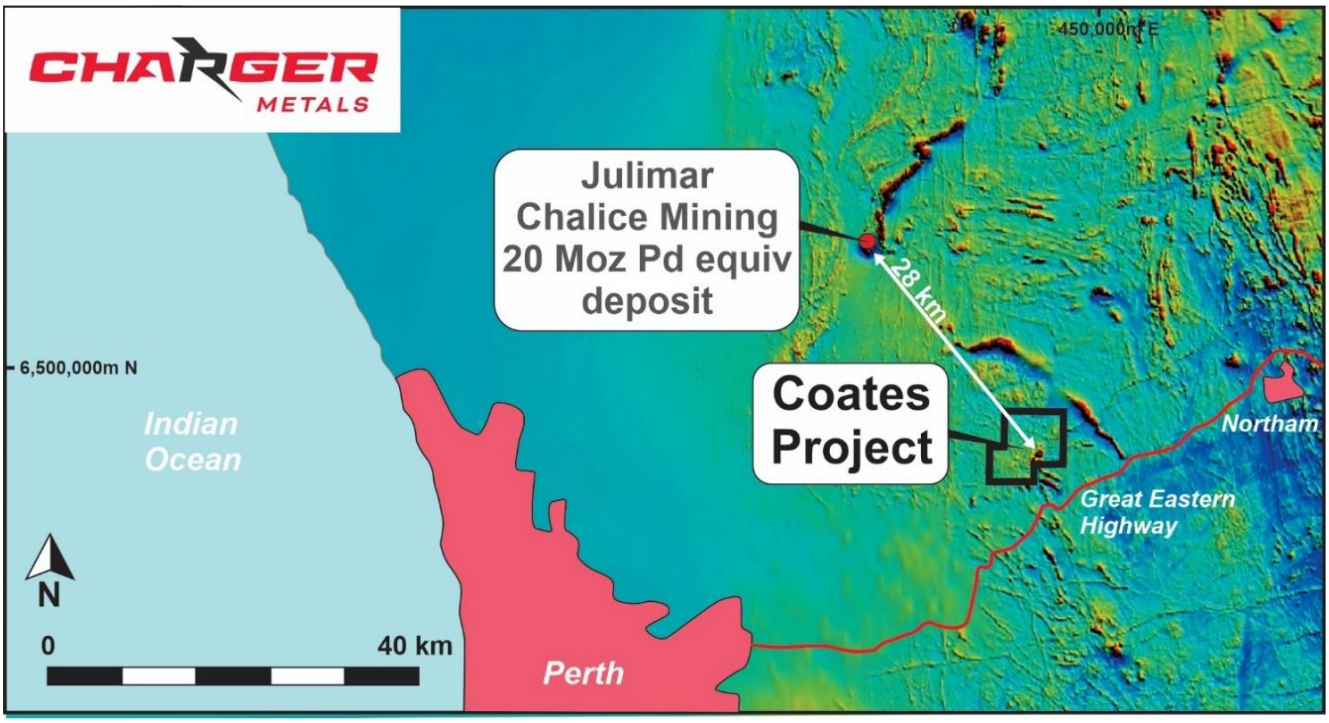

Figure 2: Coates Nickel Copper PGE Project Location approximately 28km southeast of the 20 Moz PdEq Julimar Project (Chalice Mining Ltd ASX: CHN).

[6] means Programme of Work , The POW contains documents that records environmental and safety undertakings made by the Company and when complete is approved by the Department of Mines, Industrial Relations and Safety (DMIRS).
[7] Ni means nickel, Cu - copper, Co - cobalt PGE - platinum group metals
[8] See ASX: CHN announcement dated 8 July 2022, "Gonneville Resource increased to 11Moz Pd+Pt+Au (3E), 560kt Ni, 360kt Cu and 54kt Co (~2Mt NiEq or 20Moz PdEq)"
[9] FLTEM means "fixed-loop time domain electromagnetic" and SkyTEM is a trade name for a helicopter-platformed time domain electromagnetic system.

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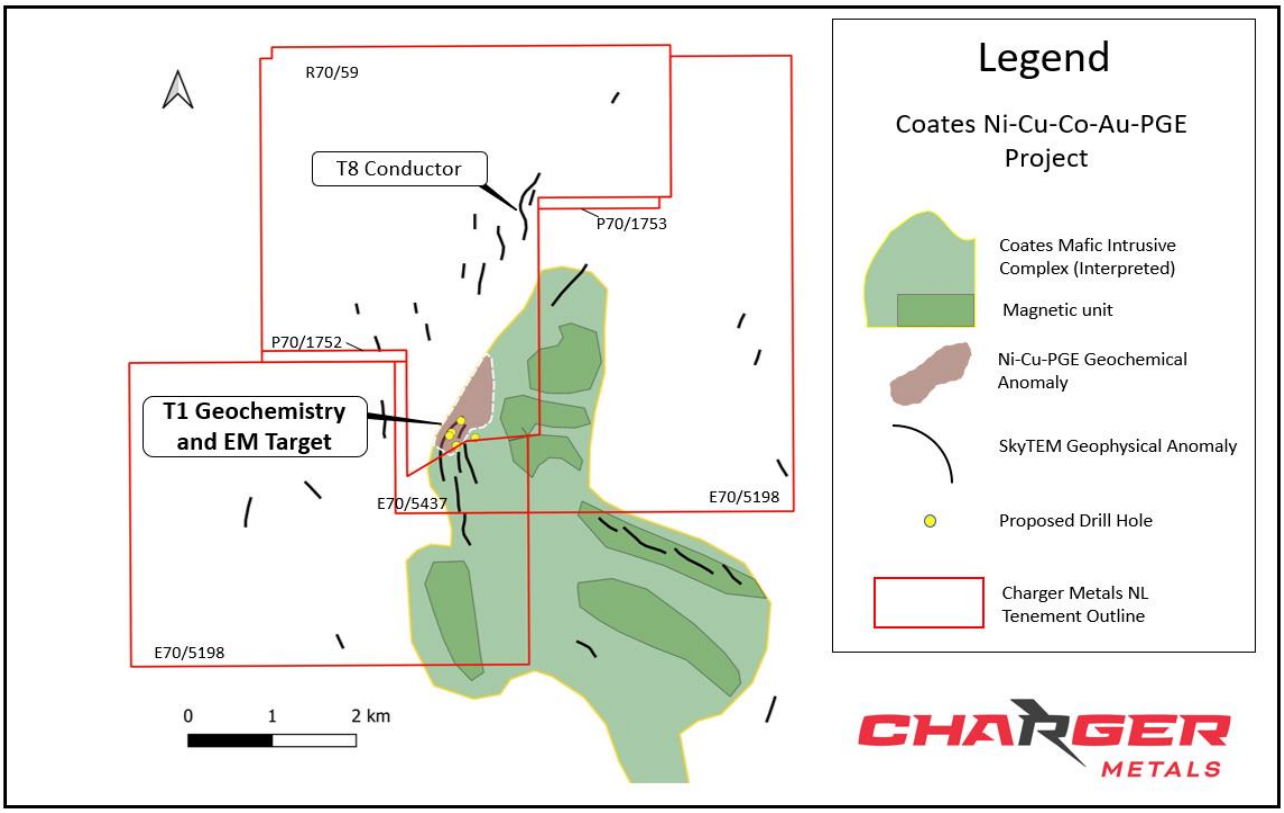

Figure 3. Coates Ni-Cu-Co-PGE Project summarising the T1 target information and proposed drill hole locations.

Photo 1: Diamond drilling commenced at Coates Ni-Cu-PGE Project near Julimar on 25 July 2022.

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The Company previously announced that two conductors, C01 and C02, (Figure 4) were well resolved by the FLTEM survey[10], and are considered priority targets for massive sulphide mineralisation that could be related to nickel, copper associated with the Coates Mafic Intrusive Complex, or alternatively VMS-related mineralisation.

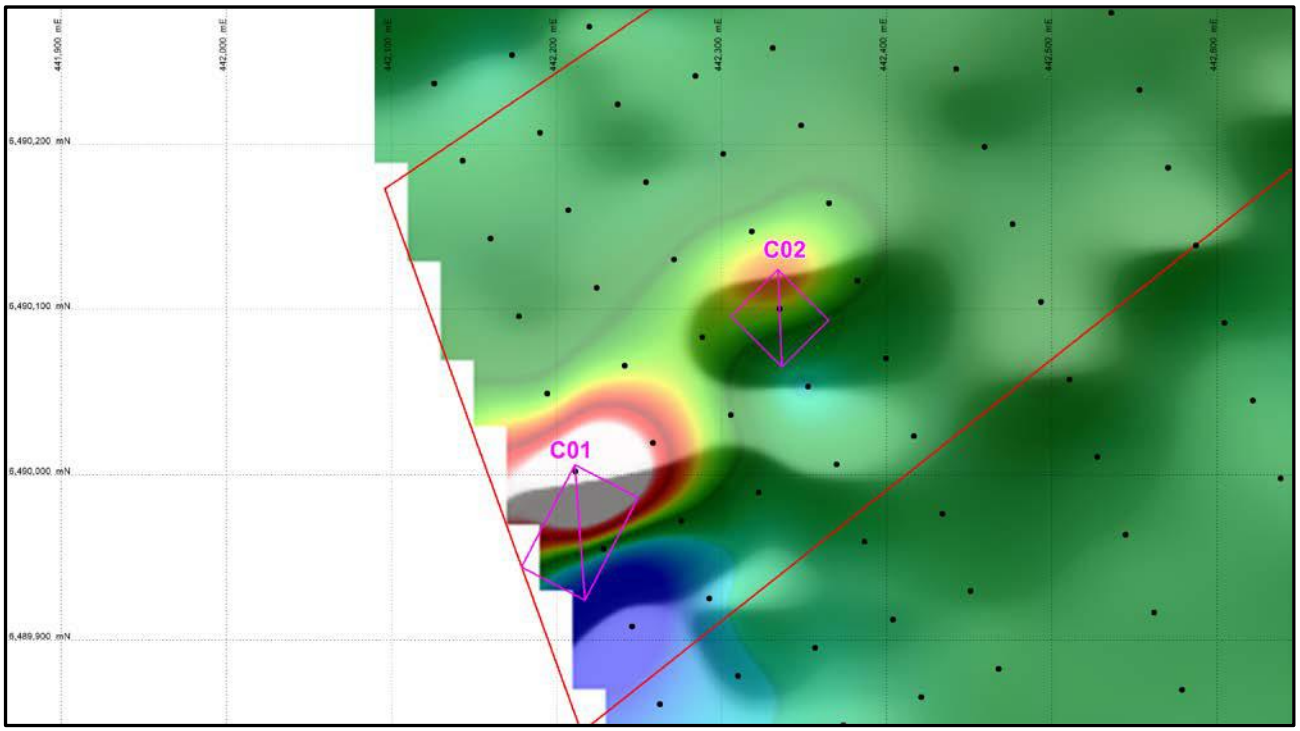

Figure 4: Modelled conductor positions targeting massive sulphide mineralisation that could be related to nickel, copper, or possibly VMS-related mineralisation.

The C01 and C02 targets are a relatively shallow, modelled at 60 m vertical depth with a 30° dip to the southeast.

Coates Project Outlook

Drilling has commenced and results will be released to the market as soon as they are available.

[10] See ASX: CHR announcement dated 7 April 2022, "Charger confirms massive sulphide targets at its Coates nickel-copper-PGE Project near Julimar"

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

Activities at the Company's Bynoe Lithium Project continue to focus on securing the necessary approvals for future drilling. An MMP, submitted to the Northern Territory Department of Industry, Tourism and Trade, was approved during the Quarter.

Aboriginal engagement is managed by the AAPA, and along with landholder engagement, is progressing. Once all approvals have been received, Charger plans to commence a significant drilling programme commencing at its Mega Bucks, Old Bucks, 7-Up and Enterprise targets.

Charger's priority is the discovery of commercial quantities of spodumene however the area is a past producer of cassiterite (a tin mineral) and is recognised as prospective for tantalite as well.

The Bynoe Project is located approximately 35 km southwest of Darwin, Northern Territory, with excellent access and nearby infrastructure. Charger's Project, which is within the Litchfield Pegmatite Field, is enclosed by Core Lithium Limited's (ASX: CXO) Finnis Lithium Project (Figure 5), which has a mineral resource of 18.9Mt at 1.32% Li_2O[11]. Core Lithium, which has a $1.81B market capitalisation, has commenced construction and mining activities at its Finnis Project with its plant being built just 7 km north of Charger's Bynoe Lithium Project.

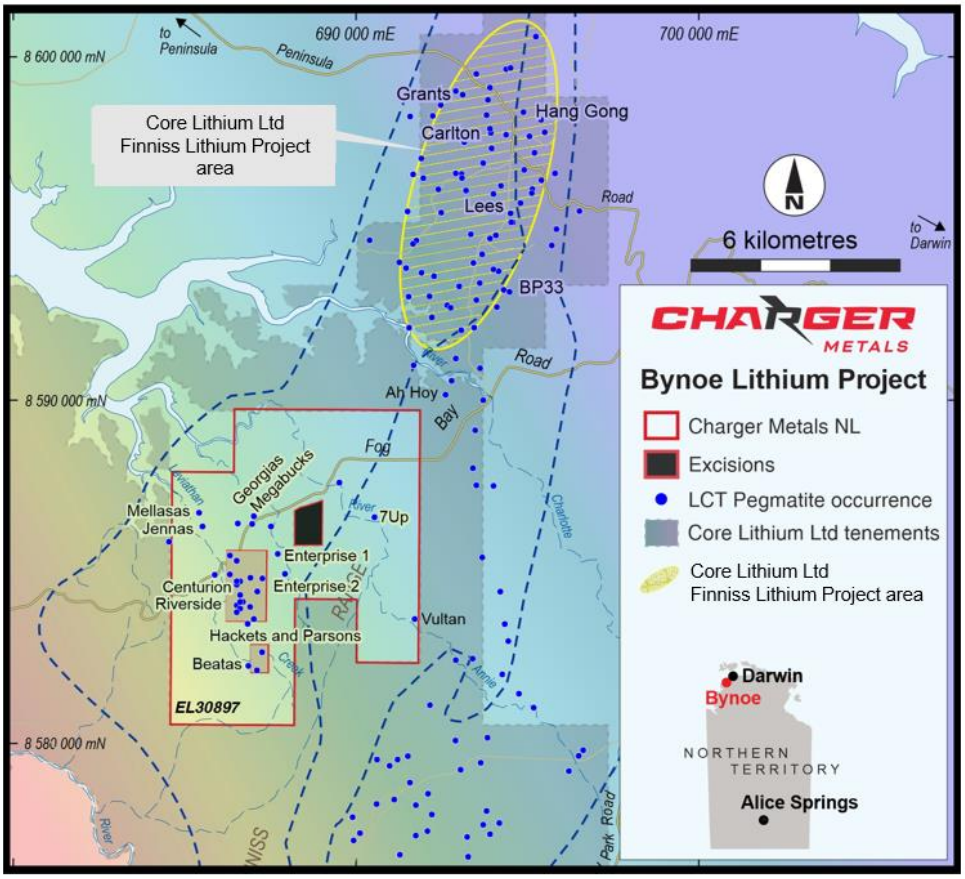

Figure 5: Bynoe Lithium Project showing LCT pegmatite prospect names and proximity to Core Lithium's Finniss Lithium Project within the greater Bynoe Pegmatite Field.

[11] Refer to ASX: CXO announcement dated 12 July 2022, "Significant Increase to Finniss Lithium Project Mineral Resource and Ore Reserves".

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Targeting Complete, Drilling Preparations On-going

Results from Charger's geochemistry and mapping programmes indicate that LCT pegmatite swarms, which may host spodumene, occur within two zones: (Refer to Figure 6):

- The Megabucks Zone, approximately 8 km long and up to 4 km wide, with numerous LCT pegmatites including at Jenna's, Megabucks, Old Bucks, Neil's and Enterprise.
- The 7-Up Zone, which is defined by a continuous, linear, 1.5 km long lithium-caesium anomaly within a broader zone that is 5 km x 2 km.

While the soil geochemistry signature of each lithium anomaly is different, all are generally multi-elemental in nature. Coincident elements include all or some of lithium, beryllium, caesium, tin and rubidium. These are classic element associations of lithium endowed LCT pegmatites.

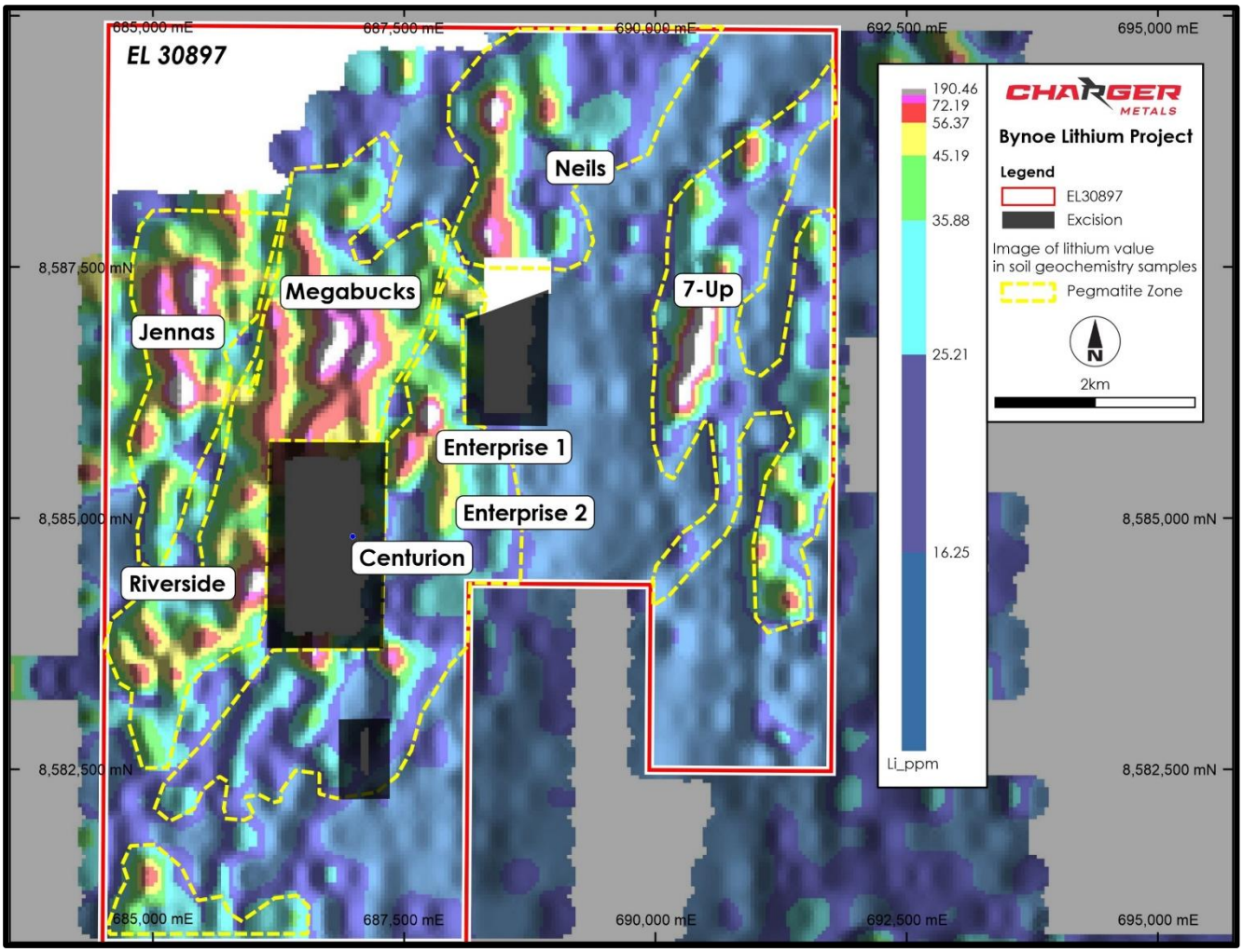

Figure 6: Bynoe Project geochemistry interpretation - pegmatite zones outlined over lithium geochemistry. Drill-ready targets are named.

Bynoe Lithium Project Outlook

Once the necessary approvals to enable drilling are received, a significant drill programme can commence, initially at the Mega Bucks, Old Bucks, 7-Up and Enterprise targets.

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

Regional Soil Geochemistry Completed

The Company's geochemical programmes at the Lake Johnston Project were completed during the Quarter, with over 7,450 soil samples taken.

Sampling at the **Medcalf Prospect** was undertaken along a sample grid of 200m x 100m which returned a strong lithium anomaly adjacent to some of the mapped pegmatites.

Soil geochemistry was also completed at the **Mount Day Prospect** with numerous LCT-pegmatite responses returned. The Mt Day pegmatite field, with an area of 5.5km by 1.5km, has numerous mapped pegmatite emplacements, and soil geochemistry has enabled ranking of these for more detailed work.

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 the world with Ore Reserves for the Earl Grey Deposit estimated at 94.2 Mt at 1.5% Li_2O[12].

Drilling Planned Targeting Spodumene at the Medcalf Prospect

With targeting completed, a programme of approximately 40 RC holes is proposed to test the extent of spodumene-bearing LCT pegmatites at the Medcalf Prospect.

The Medcalf Prospect was discovered to have outcropping spodumene mineralisation by reconnaissance fieldwork in 2018 and 2019[13], which included soil geochemistry, mapping and rock chip analysis centred on an area northeast of Lake Medcalf[14], WA. Previously, the GSWA[15] 1:250,000 Lake Johnston map indicated a pegmatite outcrop at this location.

The fieldwork identified a swarm of spodumene-bearing LCT pegmatites, comprising about 20 anastomosing pegmatite dykes that outcrop in an area between 500m and 800m long within a corridor 300m wide. The strike direction of the pegmatite dykes is approximately northwest, and dip is to the southwest.

Charger's soil geochemistry has extended the lithium-in-soil anomaly to the northeast, an area where pegmatite-derived sands and minor outcrops suggest extensions to the main Medcalf pegmatite swarm.

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[12] Kidman Resources ASX Announcement dated 18 December 2018.

[13] ASX: LIT 11 April 2019: Spodumene pegmatite swarm discovered at Lithium Australia's Medcalf Prospect Lake Johnston, WA.

[14] Located approximately 450km east of Perth WA.

[15] Geological Survey of Western Australia

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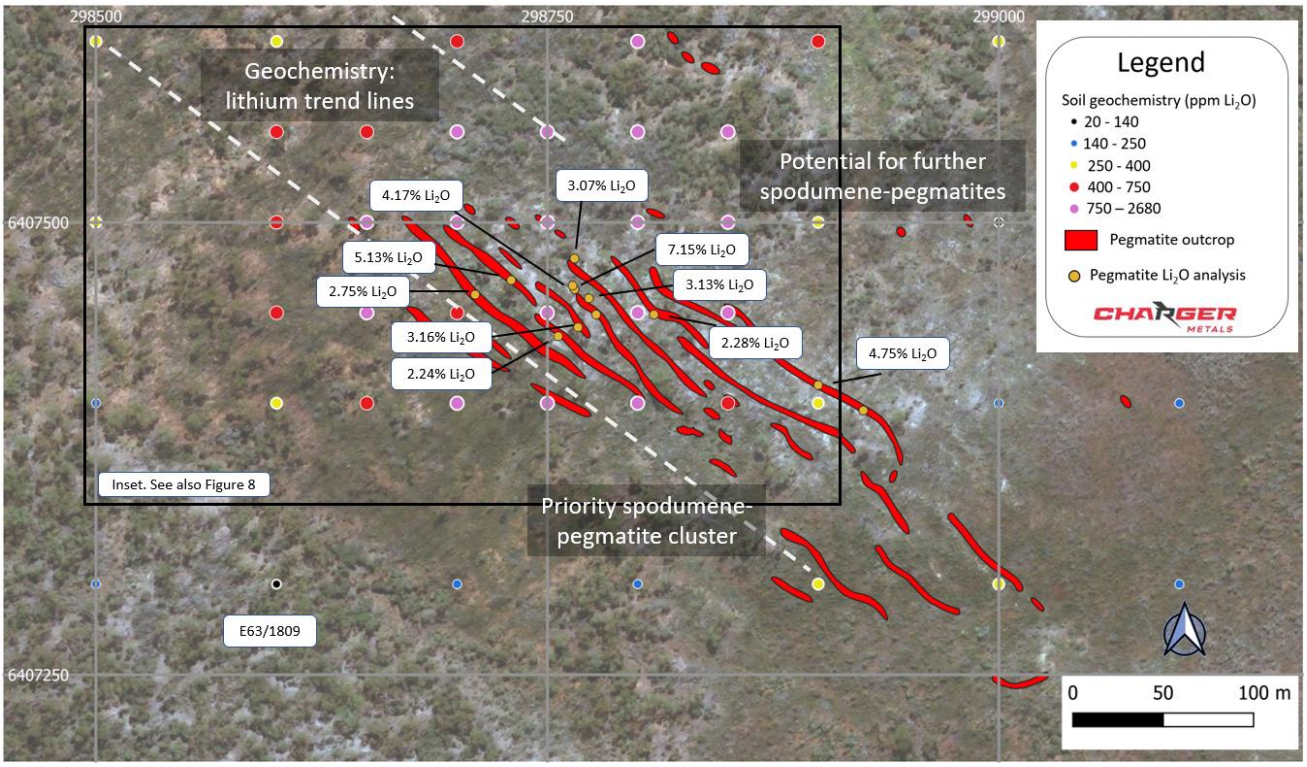

Figure 7: Medcalf Lithium Prospect showing mapped pegmatites, soil sample and rock chip locations. Assays shown are of spodumene-bearing rock chips. The central black rectangle aligns with the geochemical image in Figure 8 below. The large width of the outcropping pegmatite cluster will be drill tested. (Refer also to Figure 8)

Lake Johnston Project Outlook

The highest priority drill target is the Medcalf Prospect, which is being prepared for drilling as soon as possible. Spring flora surveys are booked, and when complete will be included in the Company's conservation management plan and POW. Once approved, drilling can commence.

With Project-wide soil geochemistry programmes complete, infill and further field work is planned to test other LCT pegmatite target zones along the 50km long prospective corridor, including at the Mt Day and Pagrus Prospects.

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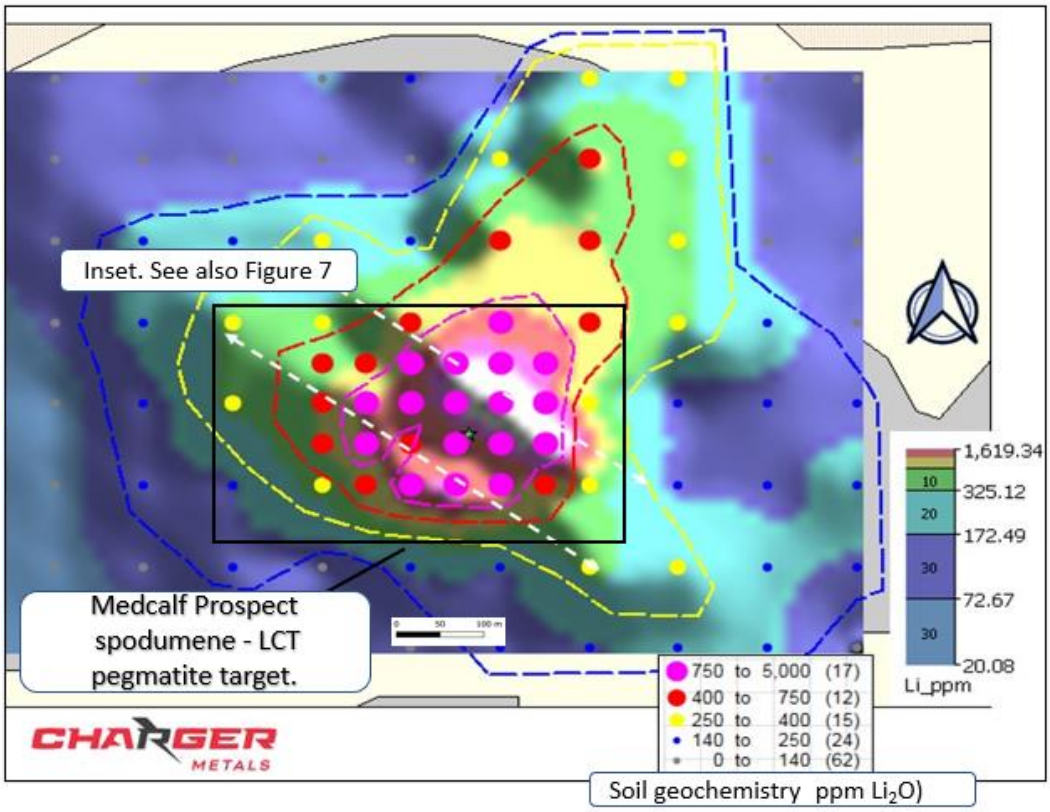

Figure 8: Shows image processed Li assay values from soil geochemistry (background), overlain by graduated point Li_2O assay values. The area of the Medcalf pegmatite cluster is indicated by the central black rectangle with a soil geochemistry anomaly over covering approximately 800m by 600m (see also Figure 7)

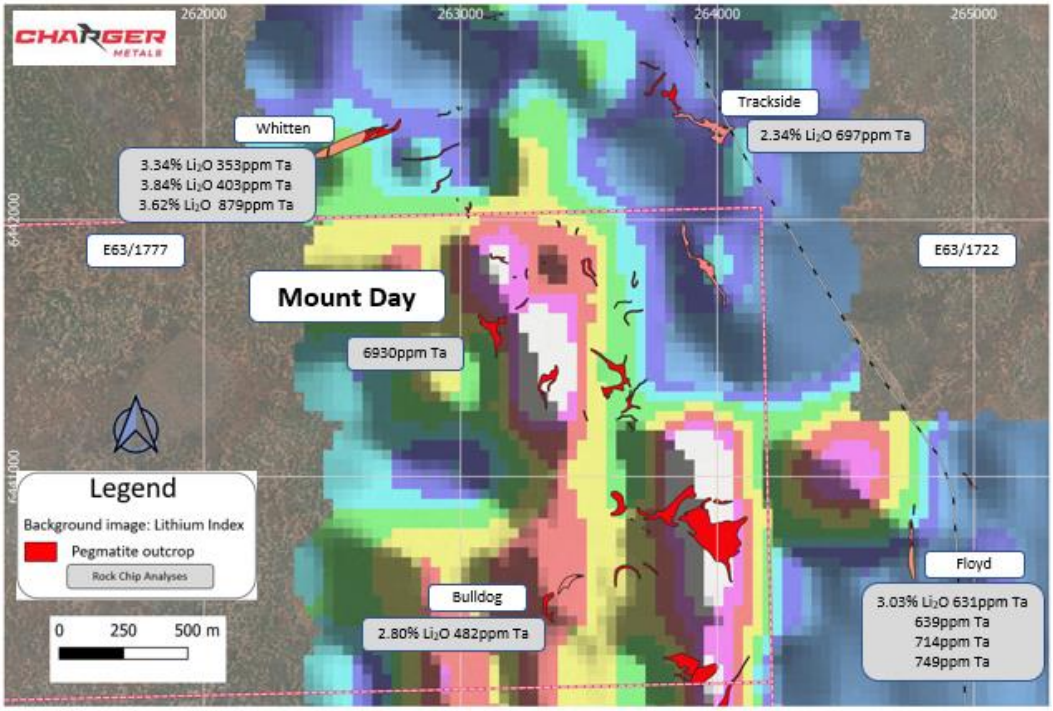

Figure 9: Mt Day Prospect, showing named and mapped pegmatites, with Li_2O and Ta analyses from rock chips, overlaying an image of lithium index values.

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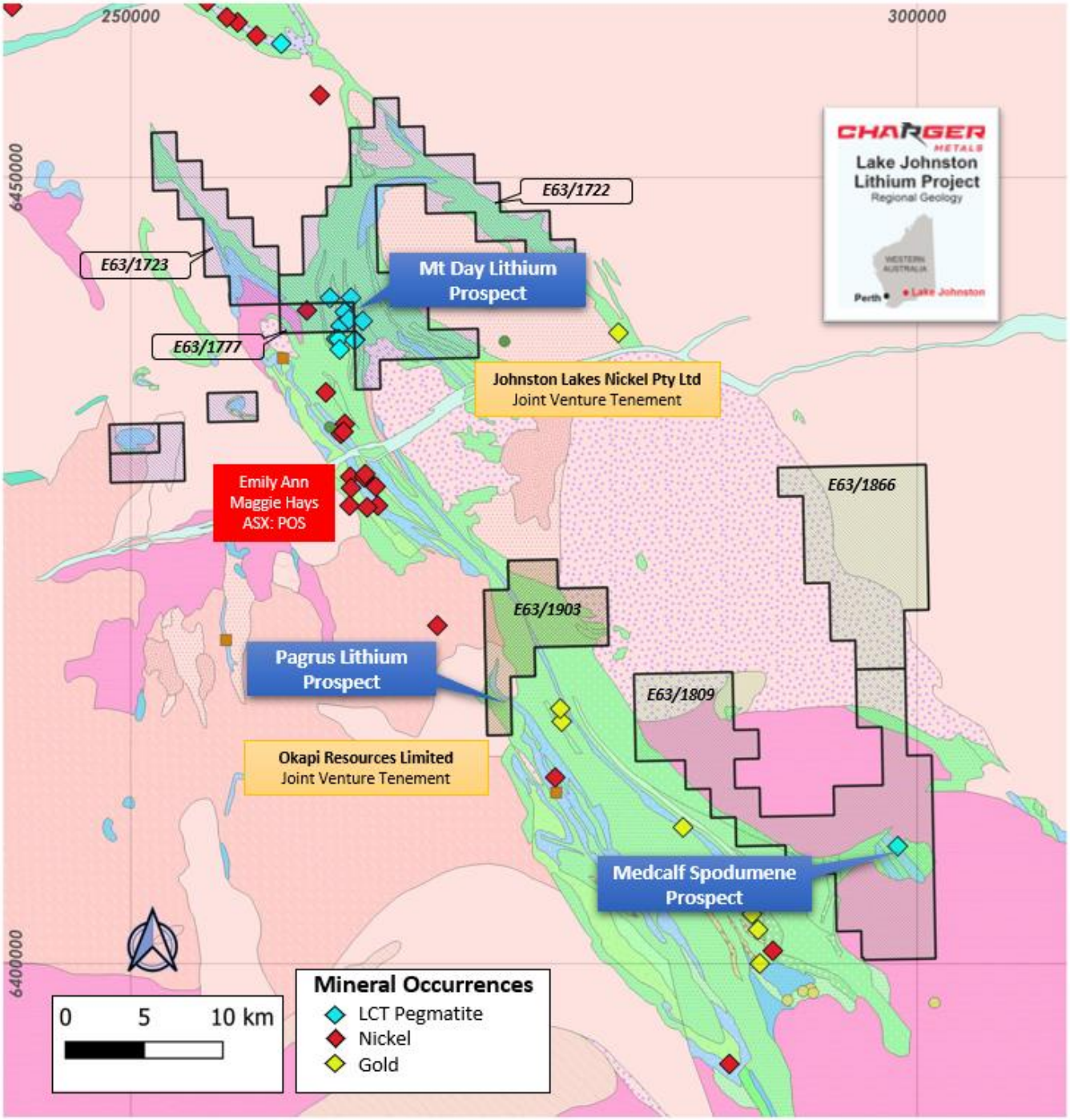

Figure 10: A location diagram for the mineral occurrences within the Lake Johnston Lithium Project area.

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Field photos of the Medcalf spodumene pegmatites

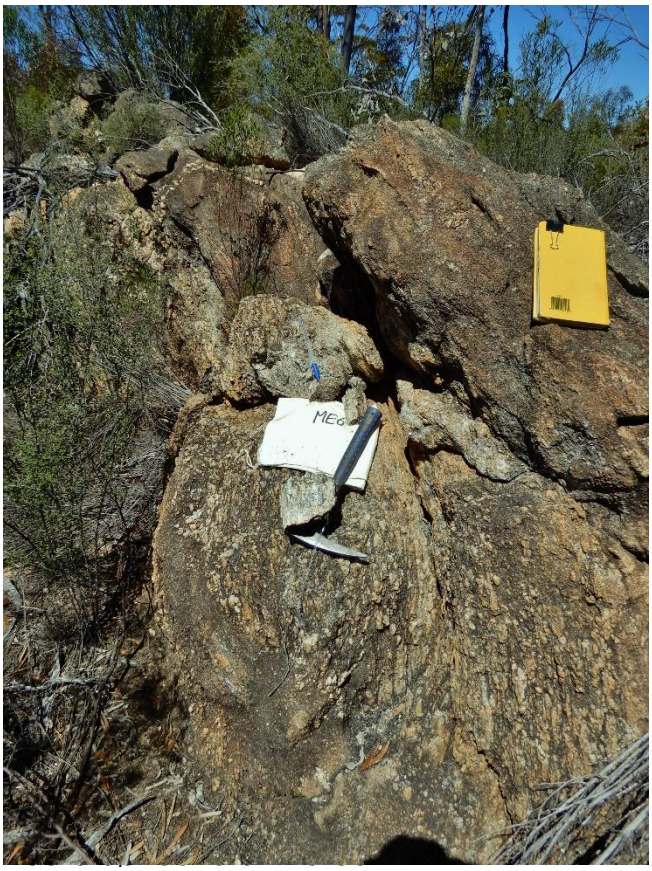

Photo 2: Spodumene pegmatite outcrop at Metcalf (Photo Peter Spitalny)

Photo 3: Raman spectroscopy used to confirm the presence of (crescumulate) spodumene at Metcalf. (Photo Neil Scholtz)

CORPORATE

Cash at Bank

Charger is well funded with a cash at bank at 30 June 2022 of $3.47 million.

The Company has a very tight capital structure with only 51.0 million fully paid ordinary shares on issue and an undiluted market capitalisation of approximately $24.0 million. The Charger has a strong institutional share register and the top 20 shareholders hold approximately 61.3% of the issued shares.

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ASX Listing Rule 5.3.2 Disclosure

There were no substantive mining production and development activities conducted during the quarter.

ASX Listing Rule 5.3.4 Disclosure

Indicative Use of Funds	Per IPO Prospectus (2-year period)	Actual Expenditure Up to 30 June 2022
Exploration at Coates Project	$1,536,000	$267,663
Exploration at Lake Johnston Lithium Project	$948,000	$470,898
Exploration at Bynoe Lithium and Gold Project	$937,200	$464,099
Acquisition costs & stamp duty (including expenses of offer)	$746,506	$706,343
New project acquisition targets	$300,000	-
General working capital	$2,187,294	$1,023,010
Total Allocation	**$6,355,000**	**$2,932,012**

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 $73,401 in directors' fees and fees to the Managing Director under his executive services agreement.

Authorised for release by the Board.

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Tenement Schedule as at 30 June 2022

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%
E63/1809	Lake Johnston Lithium and Gold Project, Western Australia	70%
E63/1866	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	100% - 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

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JORC Table 1 Statement

JORC Table 1 was included in the following announcements released to the ASX:

Coates Project

14 October 2021: "SkyTEM Survey confirms prospective nickel-copper-PGE targets".
7 April 2022: "Charger confirms massive sulphide targets at its Coates Nickel-Copper-PGE Project near Julimar".

Bynoe Project

27 October 2021: "Charger confirms emerging lithium targets at Bynoe".
13 December 2021: "Lithium Pegmatite Trends Highlighted at Bynoe".

Lake Johnston Project

9 June 2022 "Charger confirms large lithium system at Lake Johnston Project".

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

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'.

Mr Crook consents 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.