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30 April 2021

QUARTERLY ACTIVITIES REPORT

FOR PERIOD ENDED 31 MARCH 2021

Highlights

- **$9.0 million at $0.16 per share was raised to fund a Pre-Feasibility Study (PFS) for the Caravel Copper Project and regional Ni-Cu-PGE exploration projects**
- **Caravel Copper Project PFS study work progressing including metallurgy, power, water, environmental, resource modelling and infrastructure studies**
- **Q1 drilling results for the Bindi Deposit extended areas of mineralisation to ~500m depth**
- **An Exploration Target has been published providing guidance on significance of the deep drilling results with an updated resource model planned for Q3**
- **Q1 drilling program at Bindi East identified new higher-grade areas within the resource and an accelerated program will drill these out in greater detail**
- **Diamond core drilling has been sampled for geotechnical and metallurgical studies as part of the PFS**
- **An Airborne EM survey was completed at the Toolbrunup Project**
- **Exploration licences were granted at the Dalwallinu, Brookton, Congelin, Moodiarrup and Gillingarra Projects, all located in the South West Yilgarn Terrane**

Health & Safety

The Company recorded one medically treated incident (MTI) during the Quarter, associated with contractor drilling operations at the Caravel Copper Project. The company is regularly reviewing and updating its health and safety measures and procedures to continue to ensure project and field-based activity occurs safely.

Caravel also continues to regularly review, update, and communicate COVID-19 measures as additional information becomes available. The current measures include limiting travel, adjusting work arrangements for site, corporate and project teams and increased communication.

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Caravel Copper Project

The Project's PFS has been scoped and detailed scheduling has been completed as well as key activities substantially progressed during the quarter. The PFS is planned to be completed in early 2022. The Company continued diamond drilling and RC percussion drilling programs at the Caravel Copper Project during the reporting period, aiming to extend resources and define higher grade zones of mineralisation for incorporation into the PFS (Figure 1).

Figure 1: *Aerial image showing diamond and RC drill rigs in operation as well as historic drill sites at the Bindi deposit. Two diamond and two RC rigs were operating during for the majority of the March 2021 quarter.*

Additional key PFS activities that occurred during the quarter included:

- A project area fauna survey was carried out as part of the baseline studies for EPA Part IV approvals.
- Diamond core batches were delivered to the ALS Geochemistry laboratory for comminution testing as part of the Project's metallurgical testing program.
- Final stage of a 'Customer Enquiry Assessment' was undertaken by Western Power to analyse the network for load, voltage and thermal to determine network capacity to meet the requirements of the project.
- Scopes of work and appointments of technical and specialist consultants in the areas of geotechnical, mining, resource definition, metallurgy, tailings, hydrology, approvals infrastructure activities and engineering were substantially progressed.
- Continuous review of assay results from drilling programs at deposit areas to capture findings and set ongoing drill testing objectives.

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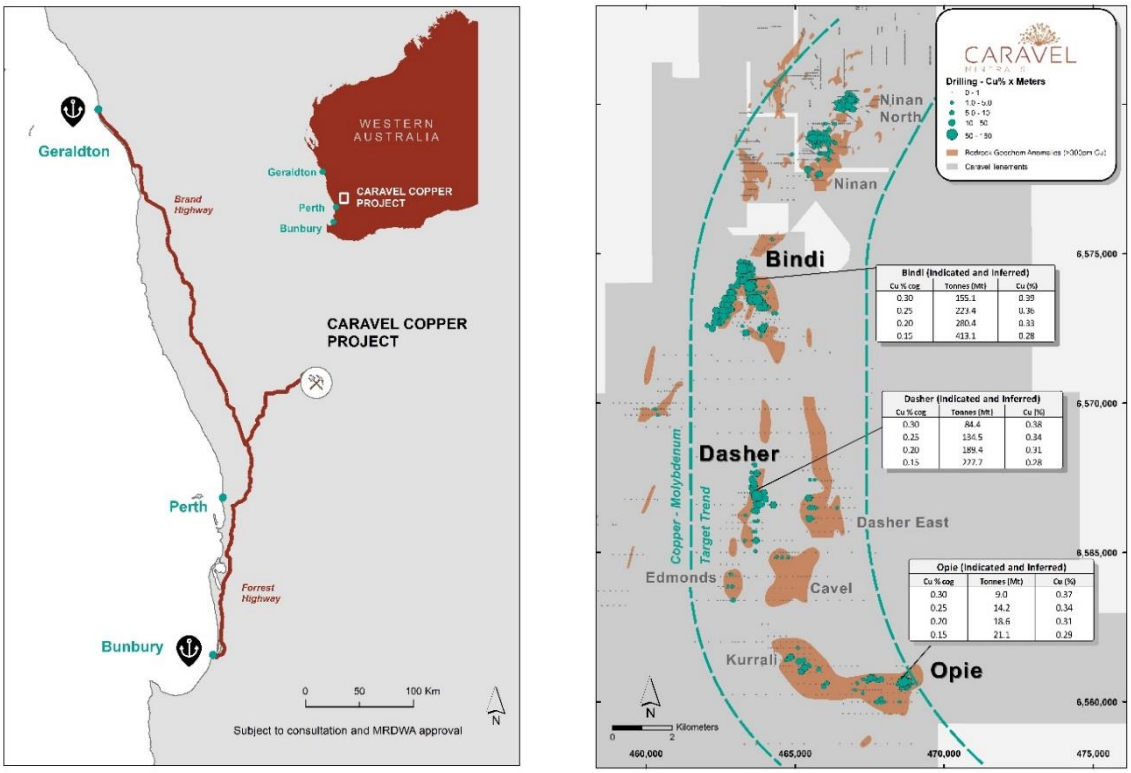

Figure 2: *Location diagram for the Caravel Copper Project (left) and the main prospect areas within the copper mineralised trend (right)*

Bindi Deposit Diamond Drilling

A program of diamond drilling was ongoing at the Bindi Deposit during the reporting period. A total of 6 holes for 2,813 metres diamond core drilling were completed during the three months ended 31 March 2021 ("Quarter").

A number of deep diamond holes were undertaken to test the extent of mineralisation at depth as well as obtain samples for metallurgical and geotechnical studies.

Assay results were received for several of the diamond drill holes completed in late 2020 and early 2021 (see Caravel Minerals ASX announcements dated 10 February, 2 March, 17 March and 14 April 2021). All deep holes intersected wide zones of mineralisation in close agreement with the projected extent of mineralisation below the current resources and allow extension of the geological model to a depth of around 500m (Figures 3 & 4). An exploration target was published (subsequent to end of the Quarter, 29 April 2021) to provide guidance on the significance of the deeper intersections (Figure 5).

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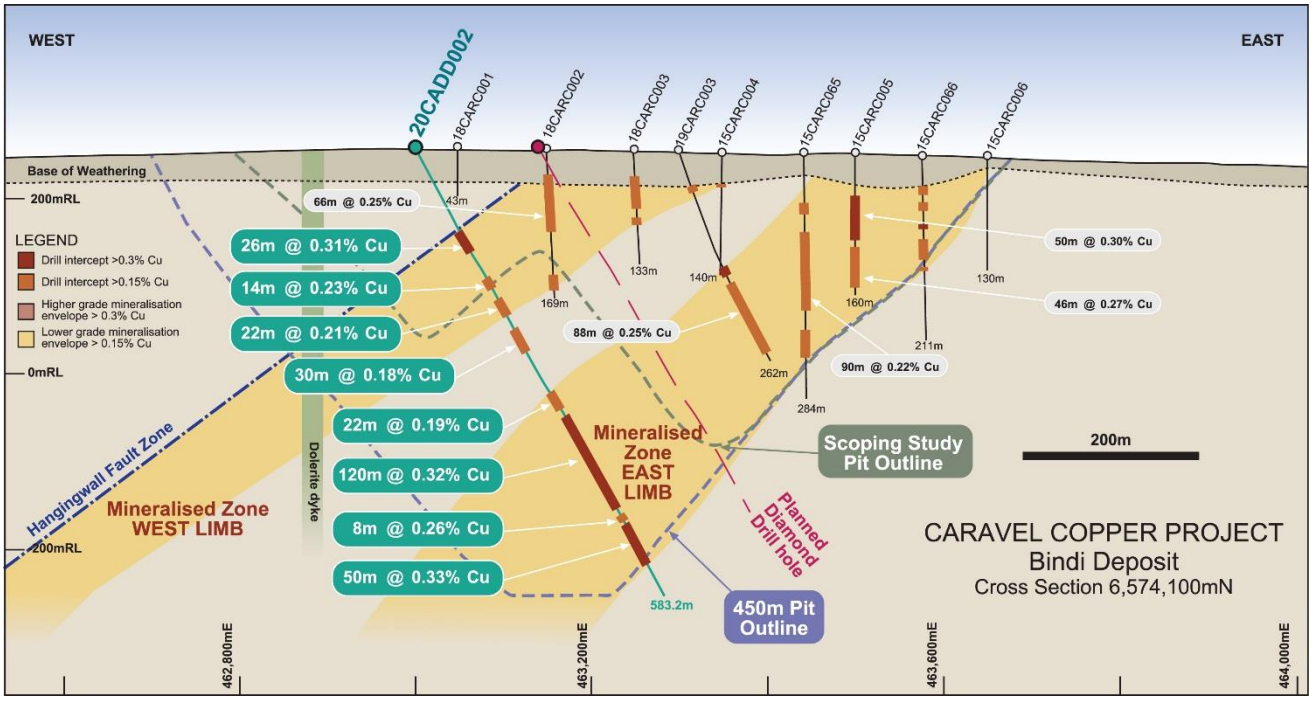

Figure 3: *Schematic cross section of the Bindi Deposit (6,574,100mN) showing location of recent RC percussion (CARC prefix) and diamond (CADD prefix) drill holes and historical drilling intersections.*

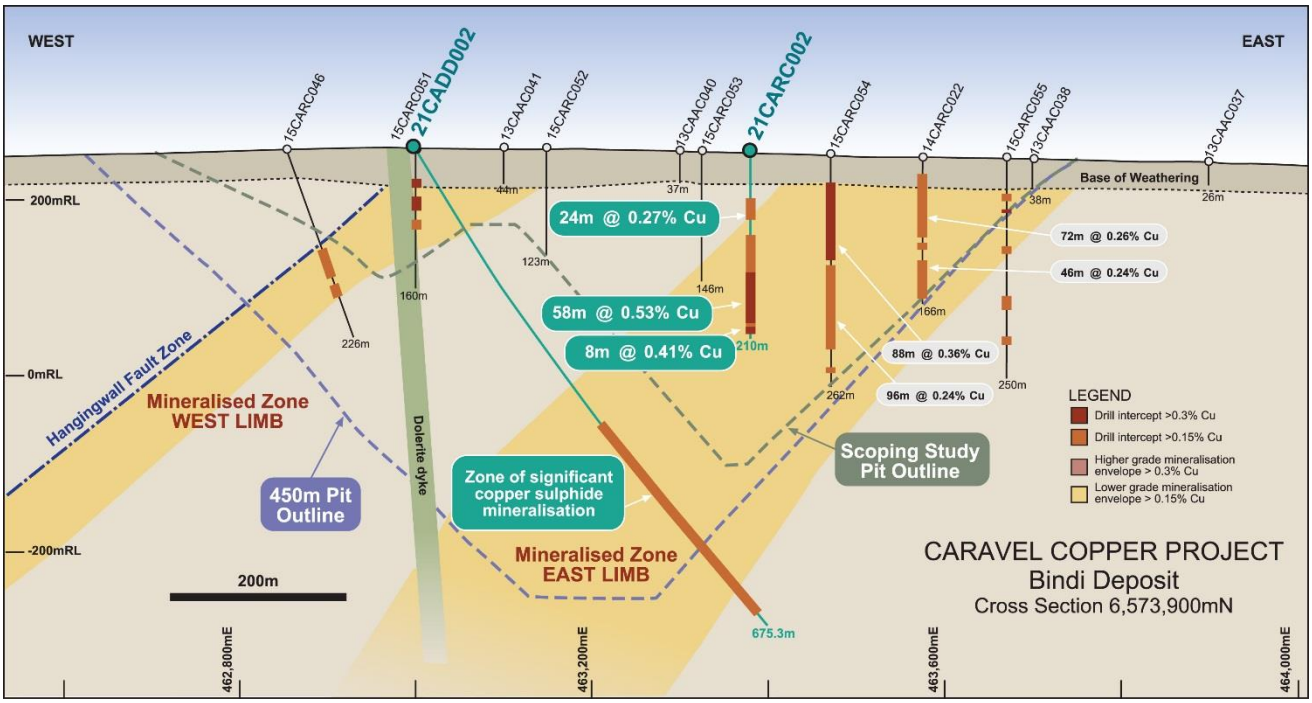

Figure 4: *Schematic cross section of the Bindi Deposit (6,573,900mN) showing location of recent RC percussion (CARC prefix) and diamond (CADD prefix) drill holes and historical drilling intersections.*

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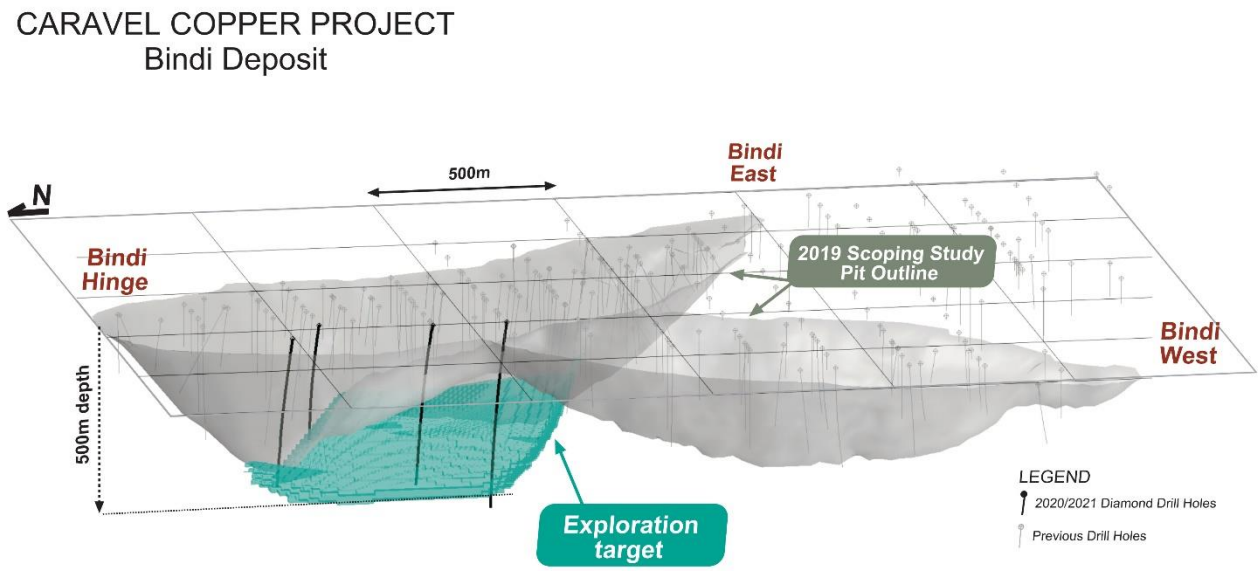

Figure 5: *Oblique 3D view of the Bindi Deposit showing 2019 Scoping Study open pit shells and location of the Exploration Target. Highlighted are the deep diamond drill holes on which the Exploration Target is based.*

At the end of the Quarter, two diamond rigs were operating at the Bindi Deposit and the program is expected to continue during the next quarter.

Bindi Deposit RC Percussion Drilling

A program of RC percussion drilling was also ongoing at the Bindi Deposit during the reporting period. Two rigs were active and a total of 27 holes for 4,782 metres RC percussion drilling were completed during the Quarter (Figure 6).

Figure 6: *RC percussion rigs in operation at the Bindi deposit in March 2021.*

RC drilling is being undertaken to obtain additional information on the grade and distribution of the mineralisation at the Bindi Hinge Zone, Bindi East Limb and Bindi West Limb. Assay results were progressively received during the reporting period for the RC percussion drill holes completed in late 2020 and early 2021 (see Caravel Minerals ASX announcements dated 25 January, 29 January,10 February, 2 March, 17 March and 8 April 2021).

Detailed drilling at Bindi East is required following recent work that has identified new features of the geology with significant implications for the Project's resources (Figure 7). A key objective of this program will be resource definition for higher-grade areas in the resource that may be brought into the early part of the mine planning schedules.

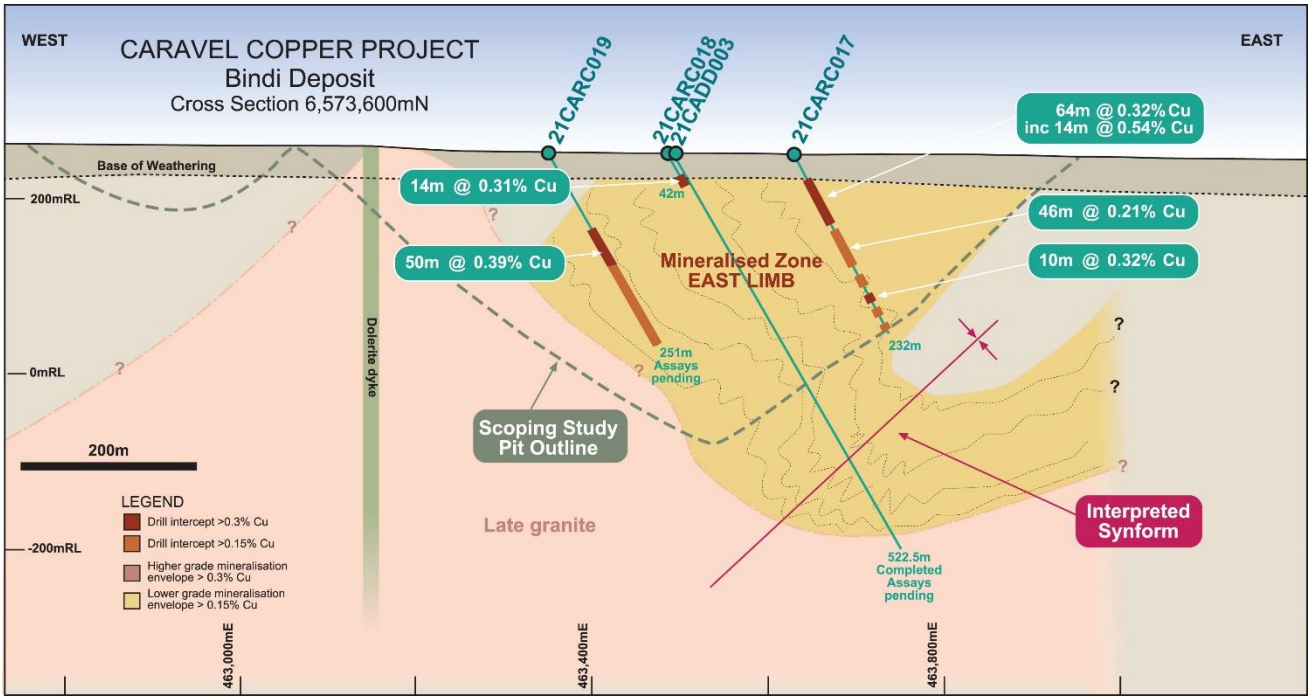

Figure 7: *Schematic cross section of the Bindi Deposit (6,573,600mN) showing location of recent RC percussion (CARC prefix) and diamond (CADD prefix) drill holes and historical drilling intersections. Note interpreted geological form lines indicating a synclinal fold closure in the mineralised Eastern Limb defined by drill hole 21CADD003. Assay results pending.*

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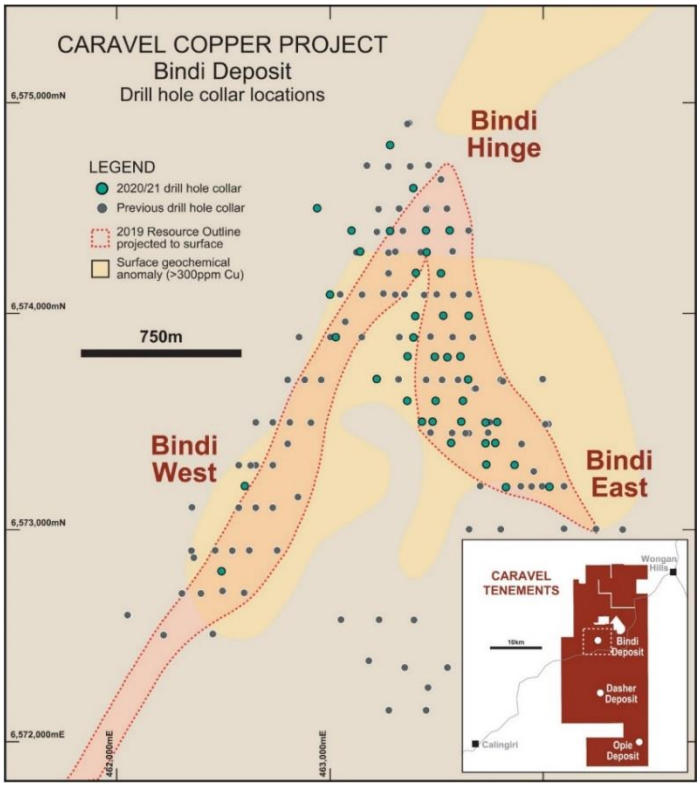


Figure 8: *Drill status plan of the Bindi Deposit area showing location of recent Diamond and RC percussion drill hole collars and historical drilling locations.*

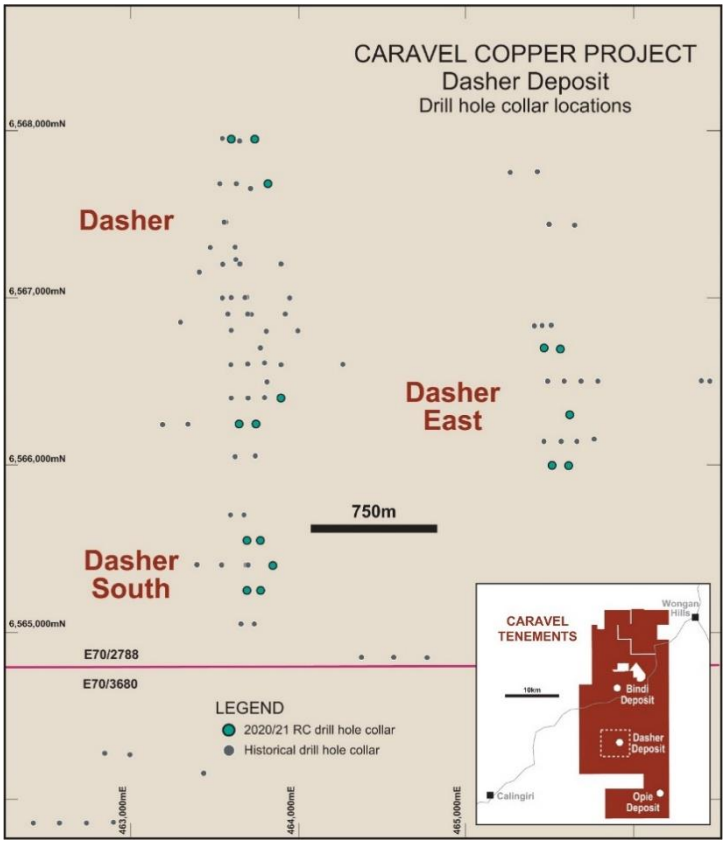
Assay results from the Bindi drilling programs will be incorporated into an updated resource estimate for the deposit that is planned for completion in the third Quarter.

Dasher Deposit Drilling

A total of 16 new RC percussion drill holes were completed in the Dasher area (Figure 9) for a total of 2,634 metres of drilling. Assay results are pending.

Results from this drilling will be incorporated into an updated resource estimate for the Dasher Deposit and will form part of the Caravel Copper Project PFS work.

Figure 9: *Schematic drill status plan of the Dasher Deposit showing the location of RC percussion drill holes completed during the reporting period and historical drill hole collars.*



A shallow (40m depth) groundwater monitoring bore was also completed in the deposit area. Further drilling is planned at the Dasher Deposit and surrounding prospect areas.

Opie Deposit Drilling

During the reporting period a total of 5 RC percussion drill holes were completed at the Opie Deposit for a total of 870 metres of drilling (Figure 10). Assay results have been received for all holes (see Caravel Minerals ASX announcement dated 24 March 2021) and support an interpreted overturned fold model for the deposit. The potential for higher grade mineralisation was also confirmed.

The new drilling results will be incorporated into an updated resource estimate for the Opie Deposit, in conjunction with the updates of the other deposits that make up the Caravel Copper Project. Further drilling may be undertaken if geological modelling of the deposit and resource estimation suggests additional opportunities for extension of the mineralised zone.

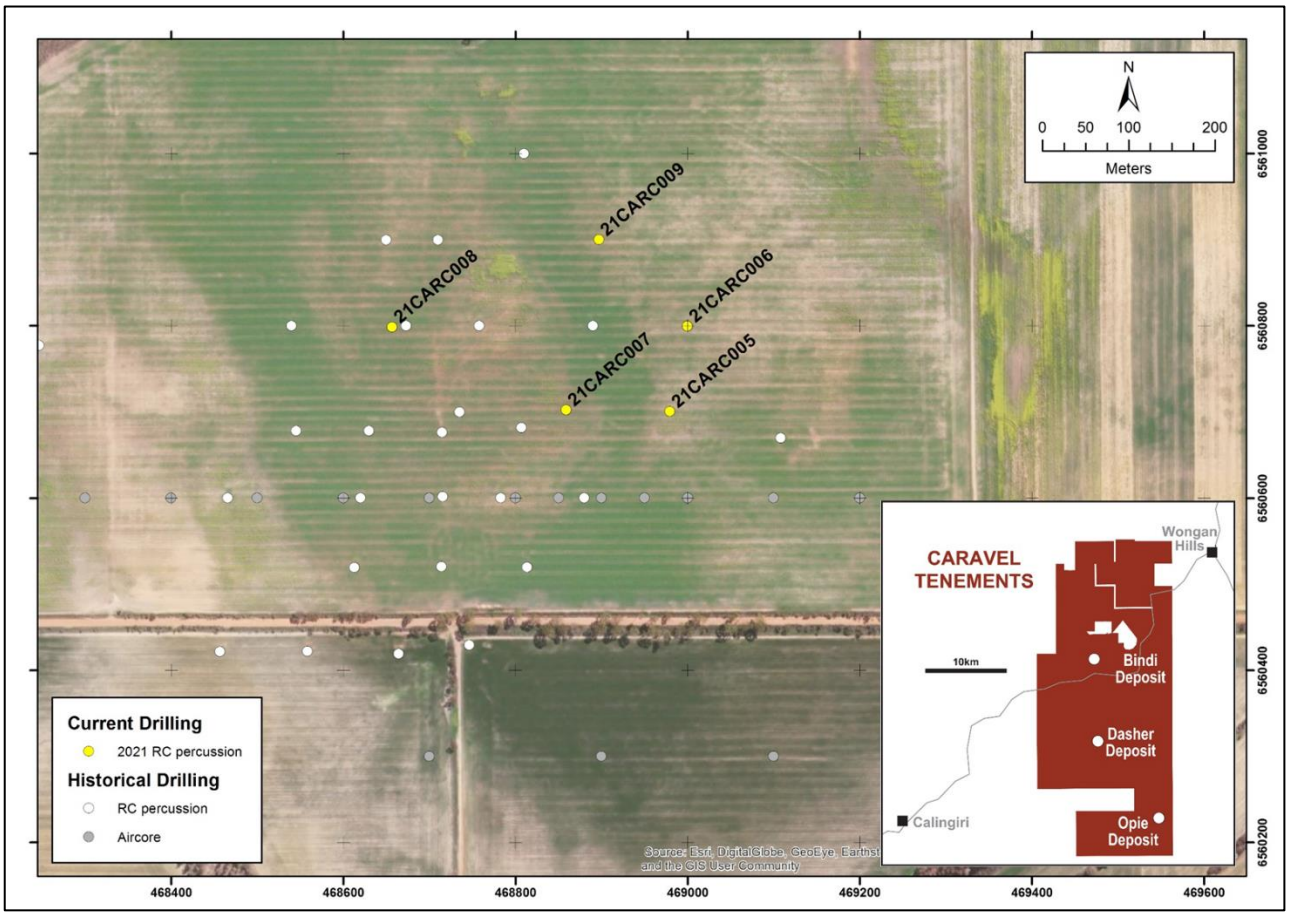


Figure 10: *Schematic drill status plan of the Opie Deposit showing the location of RC percussion drill holes completed during the reporting period and historical drill hole collars.*

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Exploration Projects

Caravel has a portfolio of exploration projects in the South West Yilgarn Terrane (Figure 11) that are prospective for copper, gold, nickel and platinum group elements (PGE1).

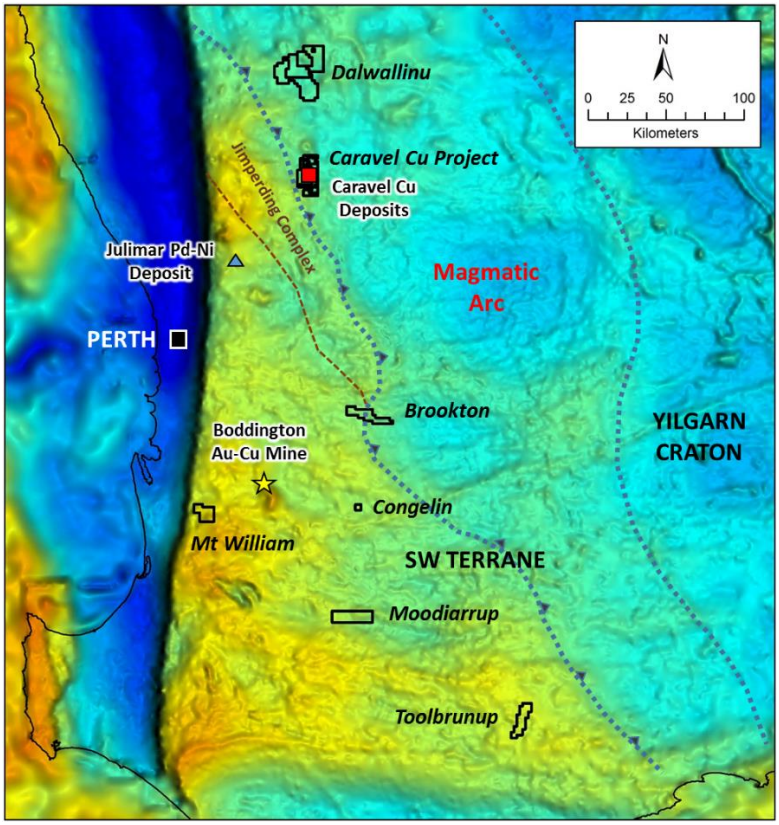

Figure 11: *Location of Caravel projects in the emerging Southwest Yilgarn Terrane mineral province. Image of regional gravity (Geological Survey of Western Australia)*

Mt William Ni-Cu-PGE Project

Caravel Minerals entered a joint venture agreement with Round Oak Minerals Pty Limited (Round Oak) for the Mt William Ni-PGE project ("Mt William") (see Caravel Minerals ASX announcement dated 18 January 2021). Round Oak is a wholly owned subsidiary of Washington H. Soul Pattinson & Co Ltd, a Sydney-based ASX-listed investment house.

Mt William is subject to Exploration License application E70/2338 and is located near Waroona, 100km south of Perth, in the South West Yilgarn Terrane. The main target at Mt William is a 3.5km long, very prominent magnetic feature that is interpreted to be a layered mafic complex analogous to the Gonneville intrusive that hosts the recent Julimar PGE-Ni-Cu-Co-Au discovery made by Chalice Mining Limited (Chalice) (Figure 12).

No work was completed on the Mt William Project during the reporting period. Objections have been received in relation to grant of E70/2338 and the Company is engaged with the relevant government departments in order to try and resolve the objections and secure grant of the licence.

[1] PGE is platinum group elements, principally platinum and palladium

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Toolbrunup Ni-Cu-PGE Project

Exploration Licence 70/5462 at the Toolbrunup nickel-copper-PGE project is located between Tambellup and Gnowangerup in southern WA, approximately 300km southeast from Perth. The licence mainly covers cleared farmland in close vicinity to good infrastructure.

During the reporting period the Company completed an airborne electromagnetic (AEM) survey that has defined a number of conductors (see Caravel Minerals ASX announcement dated 9 April 2021). These AEM conductors are mostly considered to be sourced from near-surface lateritic cover and saline groundwater. However, further processing of the AEM data is underway to determine if any of the conductors are potentially related to sulphide mineralisation within the interpreted mafic-ultramafic intrusive complex that underlies the project area.

The AEM survey was flown by SkyTEM Australia and comprised a total of approximately 450 line kilometres over the project area, on lines 200 metres apart with a nominal terrain clearance of 35 metres. EM and magnetic data were collected simultaneously over the area by the SkyTEM system.

A large number of early-mid time EM responses occurred across the project area, suggesting conductive lateritic cover over the large regional magnetic anomaly that is interpreted to be a previously unrecognised mafic-ultramafic intrusive complex (Figure 12). Late time EM responses in the south of the project area appear to be spatially associated with saline modern and palaeo-drainage systems, however some of the anomalies are also coincident with the interpreted sill margins. The conductive cover may be obscuring deeper conductors associated with sulphide mineralisation requiring further processing and modelling of the data to evaluate the characteristics of the conductors and determine their priority for follow-up exploration.

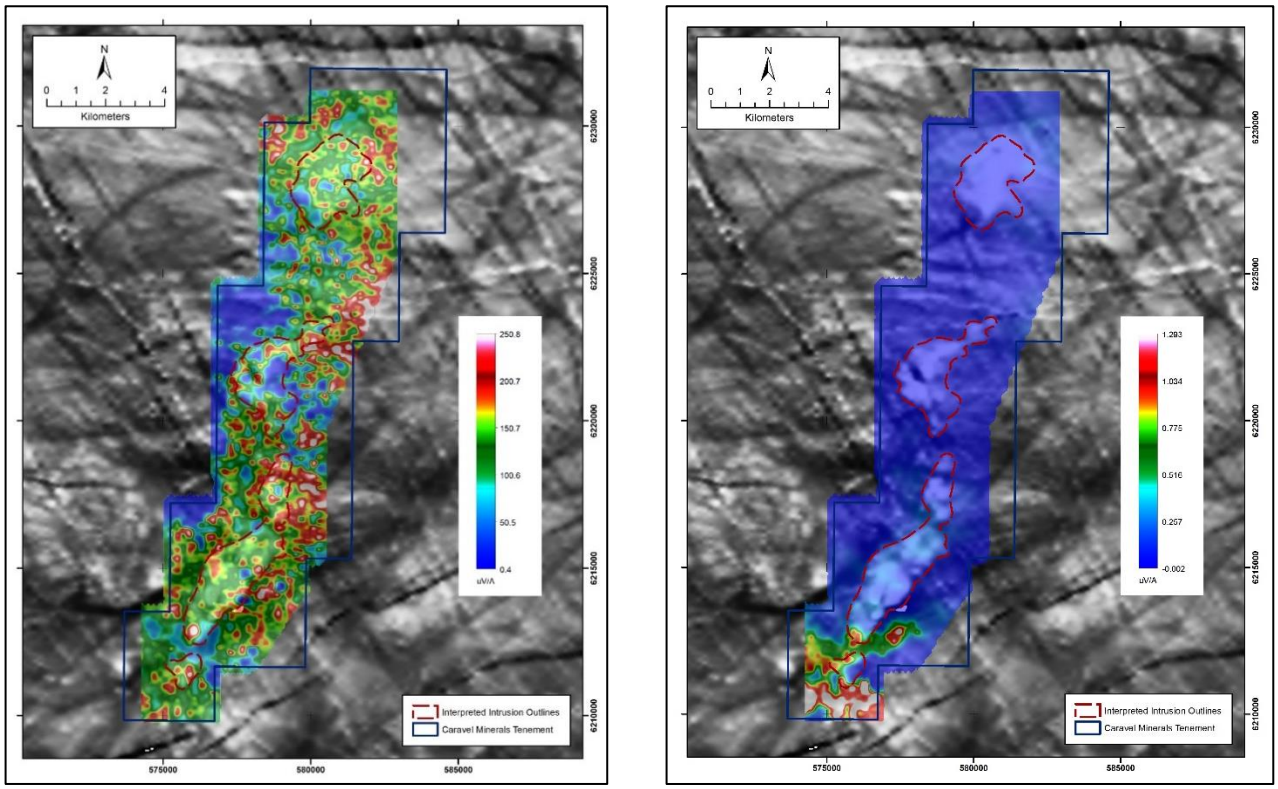

Figure 12: *Results of SkyTEM airborne survey superimposed over a greytone regional magnetic image (TMI, GSWA). Left – early time (Chanel 17) EM responses. Right – late time (Channel 35) EM responses.*

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Dalwallinu Cu-Au Project

Caravel is currently awaiting the grant of a further exploration licence application (E70/5673) and is negotiating access agreements with key landholders. During the reporting period the Company successfully applied for $56,250 of funding under the Exploration Incentive Scheme Government Co-Funded Exploration Drilling Program for program of RC percussion drilling.

Landowner consultation is in progress and planning is underway to drill test a number of targets including a large, high amplitude magnetic anomaly associated with porphyritic granite intrusives (Figure 13).

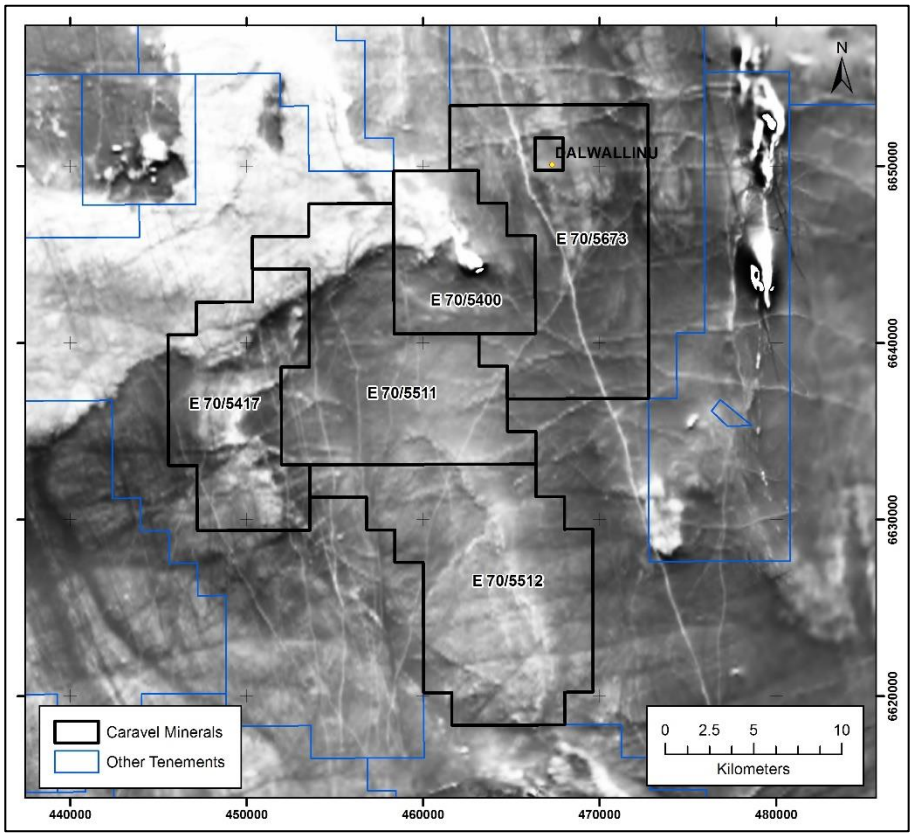

Figure 13: *Dalwallinu project tenements overlain on TMI magnetic image (Geological Survey of Western Australia)*

Brookton Cu-Au (Zn) Project

The exploration licence was granted by DMIRS for an initial 5 year term on 22 January 2021. A field exploration programme can now be undertaken after landowner consultations.

Congelin Cu-Au Project

An exploration licence (E70/5542) was granted by DMIRS over the project area on 5 March 2021, for an initial 5-year period. Reconnaissance of the area was completed during the reporting period and consultation with landholders regarding a work program can now be undertaken.

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Moodiarrup Cu-Au Project

An exploration licence (E70/5596) was granted by DMIRS over the project area on 9 April 2021, for an initial 5-year term. Reconnaissance of the area was completed during the reporting period and consultation with landholders regarding a work program can now be undertaken.

Gillingarra Project

An exploration licence (E70/5731) was applied for by the Company during the reporting period and was subsequently granted by DMIRS on 24 April 2021. The licence is located at Gillingarra, approximately 120km north of Perth, has an area of 6 graticular blocks and an initial term of 5 years. Field reconnaissance was completed over the licence area and consultation with landholders is in progress.

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Corporate

Since the previous quarterly report:

- 1,250,000 ordinary shares were issued at $0.08 to raise $0.1M, before costs;
- 56,250,000 ordinary shares were issued at $0.16 to raise $9.0M, before costs;
- 200,000 options were exercised at $0.08;
- 6,506,716 unlisted options exercisable at $0.30 expiring 30 June 2023 were issued under the Company's employee incentive scheme; and
- 2,000,000 options exercisable at $0.30 were issued in connection with capital raising.

At the date of this report, the Company had:

- 347,641,913 shares on issue;
- 15,700,000 unlisted options exercisable at $0.08 expiring 30 September 2021 on issue;
- 4,465,100 unlisted options exercisable at $0.08 expiring 30 June 2022 on issue;
- 1,250,000 unlisted options exercisable at $0.08 expiring 30 September 2022 on issue;
- 250,000 unlisted options exercisable at $0.10 expiring 31 December 2022 on issue;
- 6,506,716 unlisted options exercisable at $0.30 expiring 30 June 2023
- $9.0M held in cash reserves; and
- Nil debt.

The approximately $1.905M of exploration and evaluation expenditure expensed during the quarter predominantly comprised:

- Direct drilling costs;
- Technical staff costs; and
- Airborne EM survey.

The aggregate amount of payments to related parties and their associates during the quarter of approximately $252,000 (refer Item 6 of the accompanying Appendix 5B) comprises the following:

- Director fees ($166k);
- Mitchell River Group consulting services ($72k); and
- Mitchell River Group serviced office ($14k)

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

This announcement is authorised for release by Managing Director, Steve Abbott.

For further information, please contact:

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APPENDIX A - TENEMENT SCHEDULE

Project	Location	Tenement	Equity at 01 Jan 2021	Equity at 31 Mar 2021	Changes During Quarter
Mt William	Harvey	E70/2338	-	0*	Application
Calingiri	Wongan/Victoria Plains	E70/2788	100	100	-
Calingiri	Goomalling	E70/2789	100	100	-
Calingiri	Wongan	E70/3674	100	100	-
Calingiri	Goomalling	E70/3680	100	100	-
Calingiri	Goomalling	E70/4732	100	-	Surrendered
Calingiri	Wongan	E70/5228	100	100	-
Calingiri	Wongan	E70/5229	100	100	-
Dalwallinu	Dalwallinu	E70/5400	100	100	-
Dalwallinu	Moora	E70/5417	100	100	-
Toolbrunup	Tambellup	E70/5462	100	100	-
Brookton	Brookton	E70/5506	-	100	Granted
Dalwallinu	Dalwallinu	E70/5511	-	100	Granted
Dalwallinu	Dalwallinu	E70/5512	-	100	Granted
Congelin	Williams	E70/5542	-	100	Granted
Moodiarrup	Darkan	E70/5596	-	100	Granted
Dalwallinu	Dalwallinu	E70/5673	-	-	Application
Gillingarra	Victoria Plains	E70/5731	-	100	Granted
Calingiri	Wongan	R70/0060	80	80	-
Calingiri	Goomalling	R70/0063	-	-	Application

* Caravel can earn a 51% interest once tenement granted

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APPENDIX B - MINERAL RESOURCES

The following table presents the Caravel Copper Project Mineral Resources Estimate and the sensitivity to various lower and higher cut-off grades.

Calingiri Project Mineral Resources Categories at Various Cut-off Grades									
	Indicated			Inferred			Total Resource		
Cut-off Grade	Tonnes (Mt)	Grade Cu %	Cu Metal (t)	Tonnes (Mt)	Grade Cu %	Cu Metal (t)	Tonnes (Mt)	Grade Cu %	Cu Metal (t)
0.30	153.8	0.40	608,200	94.6	0.37	354,000	248.5	0.39	962,200
0.25	224.7	0.36	802,900	147.3	0.34	498,700	372.1	0.35	1,301,600
0.20	290.4	0.33	950,600	198.0	0.31	613,000	488.5	0.32	1,563,600
0.15	393.4	0.29	1,128,800	268.6	0.27	734,000	661.9	0.28	1,862,800

1. Competent Persons Statements *The information in this report that relates to Exploration Results is based on and fairly represents information compiled by Mr Lachlan Reynolds. Mr Reynolds is a consultant to Caravel Minerals and is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Reynolds has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons 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. Mr Reynolds consents to the inclusion in this report of the matters based on information in the form and context in which they appear.*

The information in this report that relates to Mineral Resources is based on and fairly represents information compiled by Mr Lauritz Barnes, (Consultant with Trepanier Pty Ltd). Mr Barnes is a shareholder of Caravel Minerals. Mr Barnes is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Barnes has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons 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. Mr Barnes consents to the inclusion in this report of the matters based on information in the form and context in which they appear.

2. Previous Disclosure *The information in this report is based on the following Caravel Minerals ASX Announcements, which are available from the Caravel Minerals website www.caravelminerals.com.au and the ASX website www.asx.com.au :*

- *29 April 2019 "Caravel Copper Resource and Project Update"*
- *18 January 2021 "Mt William Exploration – Joint Venture Agreement"*
- *25 January 2021 "Drilling Update – Bindi Copper Deposit"*
- *29 January 2021 "Drilling Results – Bindi Copper Deposit"*
- *10 February 2021 "Drilling Results – Bindi Copper Deposit"*
- *2 March 2021 "Drilling Results – Bindi Copper Deposit"*
- *17 March 2021 "Drilling Update – Caravel Copper Project"*
- *24 March 2021 "Drilling Results – Opie Copper Deposit"*
- *8 April 2021 "Drilling Results – Bindi Copper Deposit"*
- *9 April 2021 "Exploration Update – Toolbrunup Project"*
- *14 April 2021 "Drilling Update – Bindi Deep Drilling Results"*
- *29 April 2021 "Bindi Deposit – Updated Geological Model"*

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.

3. Forward Looking Statements. *This document may include forward looking statements. Forward looking statements include, but are not necessarily limited to, statements concerning Caravel Minerals planned exploration programmes, studies and other statements that are not historic facts. When used in this document, the words such as "could", "indicates", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward looking statements. Such statements involve risks and uncertainties, and no assurances can be provided that actual results or work completed will be consistent with these forward looking statement.*