



TENNANT MINERALS

Quarterly Activities Report for the Period Ended 30 September 2021

Tennant Minerals Limited (ASX: TMS) (“**Tennant**” or the “**Company**”) is pleased to report its activities for the quarter ended 30 September 2021.

Highlights:

- The Company has continued to focus on the **Barkly project**, approximately 45km east of Tennant Creek in the Northern Territory, which is prospective for high-grade Tennant Creek-style copper-gold mineralisation
- Previous RC drilling at the Bluebird Prospect during 2020², comprising seven (7) holes for 1,169.5m, intersected high-grade Tennant Creek style copper-gold mineralisation
- The high-grade copper-gold mineralisation remains open in all directions and several holes failed to penetrate the high-grade copper-gold target, which will be followed up during the upcoming drilling campaign
- The Company now plans to carry out a diamond drilling program to complete the testing across the central part of the mineralisation as well as test the down-dip / plunge extensions of this high-grade copper-gold target
- **The drilling program has been contracted and will comprise pre-collared Diamond Drilling of between 5 and 7 holes for total drill metreage of up to 1,500m of drilling, which is anticipated to commence during early November 2021**
- Mineralisation remains open along strike to the west towards the Perseverance prospect, a potential mineralised strike-length of over one kilometre that includes a number of geophysical targets that remain untested and will be the focus of on-going work leading to drill-targeting
- Exploration has also focussed on the highly prospective, adjoining, **Babbler Prospect where significant magnetic anomalies remain un-tested**. A soil sampling program has been carried out across the key magnetic corridor at Babbler and results will be used to target Tennant Creek style copper-gold mineralisation at depth in the underlying Warramunga Formation

TENNANT MINERALS
LIMITED

ASX ANNOUNCEMENT

29 October 2021

Board:

Matthew Driscoll

Non-Executive Chairman

Gino D’Anna

Non-Executive Director

Michael Scivolo

Non-Executive Director

Neville Bassett

Non-Executive Director

Capital Structure:

465.38 million Shares

307.5 million Options

@ \$0.03 exp 23/04/24

ASX Code: TMS

** This announcement is authorised by the board on behalf of the Company **

During the Quarter ended 30 September 2021, the Company continued with its review of the geological and geophysical data as well as previous drilling that relates to the Barkly (EL28620) and Babbler (EL30701) tenements, part of the 100% owned Barkly Copper Gold Project (“the Project”), located in the Northern Territory (see location, Figure 1).

This geological, geophysical and drilling data review was directed towards planning the next stage of exploration at the project including:

- i) A pre-collared diamond drilling program designed to complete the testing across the central part of the Bluebird Prospect high-grade copper-gold mineralisation as well as test the down-dip / plunge extensions of this high-grade copper-gold target. The drilling program has been contracted with Titeline Drilling Pty Ltd and will comprise pre-collared diamond drilling of between 5 and 7 holes for total drill metreage of up to 1,500m of drilling, which is anticipated to commence imminently.
- ii) Review of magnetic data across the Barkly Tenement that has identified major mineralised structures along strike of the Bluebird Prospect including the high priority Perseverance Prospect. Identified geophysical and structural targets along strike from Bluebird towards the Perseverance, a potential mineralised strike-length of over one kilometre, will be the focus of on-going work including surface sampling and geophysical modelling, leading to drill-targeting.

The Company also completed a review of magnetic data for the Babbler Tenement highlighting significant structures apparent across the project and strong, discrete, magnetic anomalies that remain have not been tested for Tennant Creek style copper-gold mineralisation. The Company has carried out further exploration including a soil sampling program across the key magnetic corridor at Babbler, and rockchip sampling of identified structures/alteration. The results of this work will be used to target Tennant Creek style copper-gold mineralisation at depth in the underlying Warramunga Formation.

Appendix 4C Cashflow commentary:

In Payments to related parties of the entity and their associates (refer to 6.1), the \$84,000 payment refers to the payment of non-executive fees and Director consulting fees.

Cash outflows from operating activities for the quarter were \$338,000.

Cash and cash equivalents as at 30 September 2021 were \$1,119,000.

The Company will provide shareholders with further updates.

About the Barkly Project

The Barkly Project is located approximately 45km east of the town of Tennant Creek in the Northern Territory and comprises two Exploration Licences, being EL 28620 (Barkly Project) and EL 30701 (Babbler Project) located in central Northern Territory, south of the Barkly Highway. The Barkly Project comprises two granted Exploration Licences EL28620 and EL30701. The Barkly Project is considered highly prospective for magnetite hosted gold-copper similar to other deposits found elsewhere in the Tennant Creek Goldfield.

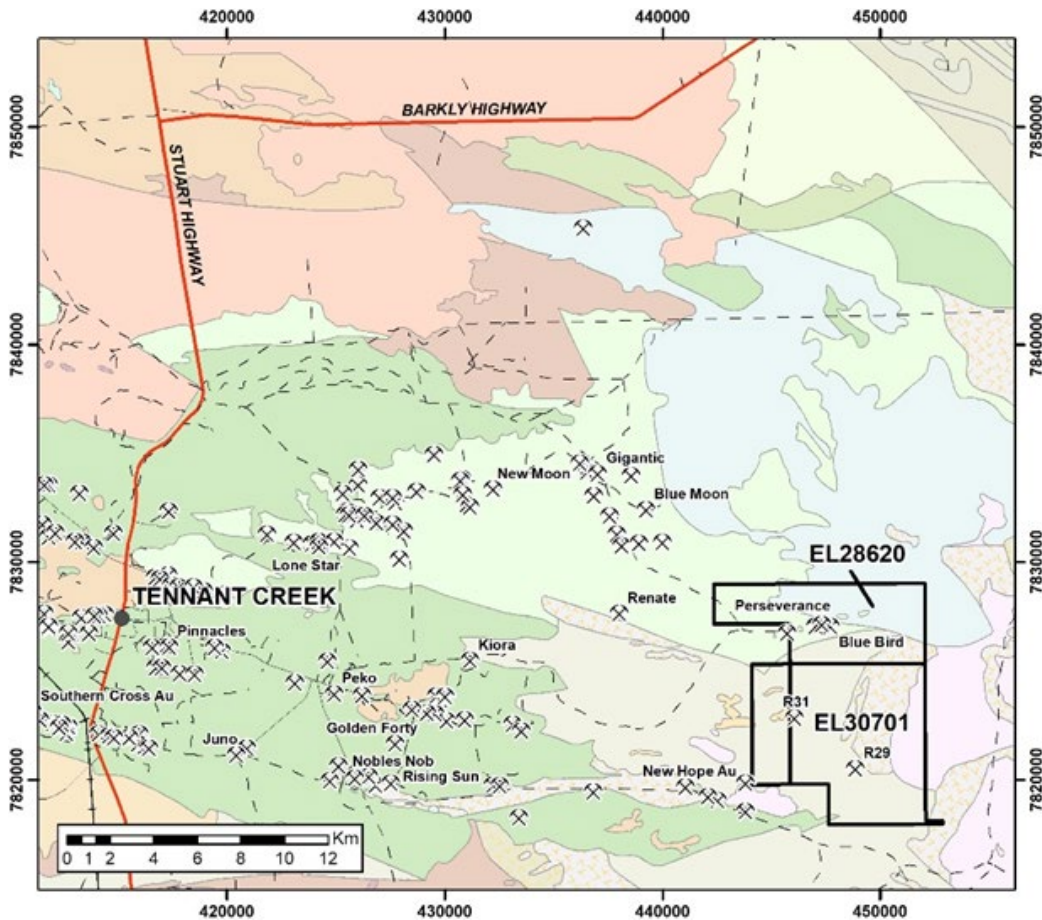


Figure 1: Barkly Project location plan

The current exploration focus of the Company is the Barkly Project.

Ground magnetic and gravity surveys followed by soil geochemistry focussed attention on the Bluebird prospect which is a small outcropping ironstone body pitted by historic mining and prospecting. RAB drilling programs were conducted in 2005 and 2006 intersecting hematite ironstone and hematite-chlorite alteration over a 600m strike length with anomalous copper, gold and bismuth. RC and diamond drilling programs were conducted between 2014-2016 by Blaze International Exploration¹. Significant intersections include: **20m @ 8.17g/t Au from 157m in BBDD002¹** and **16m @ 3.02% Cu, 0.65g/t Au from 139m in BBDD004¹**.

Exploration and Development Strategy for Bluebird

The Company's primary objective is to complete further drilling in order to estimate a JORC compliant mineral resource and ultimately to develop a mining project at the Bluebird Prospect. Bluebird is the highest priority and most advanced prospect within the Barkly Project area. Systematic close spaced drilling will aim to accurately define the grade and the geometry of the known Au-Cu-Bi mineralisation.

¹ Refer to ASX Announcement dated 24 September 2019 released by Blina Minerals NL and titled "STRATEGIC ACQUISITION OF HIGH-GRADE GOLD-COPPER PROJECT" released by the Company on the ASX announcement platform.

CAUTIONARY STATEMENT REGARDING FORWARD LOOKING INFORMATION

This release contains forward-looking statements concerning Tennant Minerals. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this release are based on the company's beliefs, opinions and estimates of Tennant Minerals Ltd as of the dates the forward looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

COMPETENT PERSON'S DECLARATION

The information in this report that relates to exploration results has been reviewed, compiled and fairly represented by Mr Jonathon Dugdale. Mr Dugdale is a consultant of Colour Minerals Pty Ltd and a Fellow of the Australian Institute of Mining and Metallurgy ('FAusIMM'). Mr Dugdale has sufficient experience, including over 34 years' experience in exploration, resource evaluation, mine geology and finance, relevant to the style of mineralisation and type of deposits under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee ('JORC') Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Dugdale consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

ASX LISTING RULES COMPLIANCE

In preparing this announcement dated 30 July 2021, the Company has relied on the announcements previously made by the Company and specifically dated 24 September 2019 and 18 March 2020. The Company confirms that it is not aware of any new information or data that materially affects those announcements previously made, or that would materially affect the Company from relying on those announcements for the purpose of this announcement dated 29 October 2021.

SCHEDULE OF TENEMENTS

Tenement ID	Type	Status	Holder	Grant Date	End Date	Area (km ²)	TMS Interest
EL28620	Exploration	Active	Colour Minerals Pty Ltd	16 Dec 2011	15 Dec 2021	39.16	100%
EL30701	Exploration	Active	Colour Minerals Pty Ltd	20 Aug 2015	19 Aug 2021	42.6	100%

*****ENDS*****

CONTACT AND AUTHORISATION

This release was authorised by the Board of Tennant Minerals Ltd (ASX:TMS).

For further information please contact:

Matthew Driscoll
Non-Executive Chairman
M: +61 417 041 725

** This announcement is authorised by the board on behalf of the Company **

Appendix 5B

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

Name of entity

TENNANT MINERALS LIMITED

ABN

25 086 471 007

Quarter ended (Current quarter)

30 September 2021

Consolidated statement of cash flows

	Current quarter \$A'000	Year to date (3 Months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	-
1.2 Payments for:	-	-
(a) exploration and evaluation (if expensed)	(139)	(139)
(b) development	-	-
(c) production	-	-
(d) staff costs	(84)	(84)
(e) administration and corporate costs	(115)	(115)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	-	-
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	(338)	(338)
2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) exploration & evaluation (if capitalised)	-	-
(e) investments	-	-
(f) other non-current assets	-	-
2.2 Proceeds from disposal of:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) investments	-	-
(e) other non-current assets	-	-
2.3 Cash flows from loans to other entities	-	-
2.4 Dividends received (see note 3)	-	-
2.5 Other (provide details if material):	-	-
2.6 Net cash from / (used in) investing activities	-	-

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

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3 Months) \$A'000
3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
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	-	-
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)	-	-
3.10 Net cash from / (used in) financing activities	-	-
4. Net increase / (decrease) in cash and cash equivalents for the period		
4.1 Cash and cash equivalents at beginning of period	1,457	1,457
4.2 Net cash from / (used in) operating activities (item 1.9 above)	(338)	(338)
4.3 Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4 Net cash from / (used in) financing activities (item 3.10 above)	-	-
4.5 Effect of movement in exchange rates on cash held	-	-
4.6 Cash and cash equivalents at end of period	1,119	1,119
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	1,119	1,457
5.2 Call deposits	-	-
5.3 Bank overdrafts	-	-
5.4 Other (provide details)	-	-
5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,119	1,457
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	84	
6.2 Aggregate amount of payments to related parties and their associates included in item 2	-	
Note: if any amounts are shown in items 6.1 and 6.2 your quarterly activity report must include a description of, and an explanation for, such payments		
Directors' salary, fees, superannuation, consultancy, and reimbursements, related to the current and prior quarters.		

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

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

7.5 **Unused financing facilities available at quarter end** -

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

8. Estimated cash available for future operating activities

	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	(338)
8.2 Capitalised exploration & evaluation (Item 2.1(d))	-
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	(338)
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,119
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	1,119
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	3.3

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:

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:

N/A

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:

N/A

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:

N/A

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: Friday, 29 October 2021

Authorised by: By the Board of Directors
(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 – e.g. 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.