

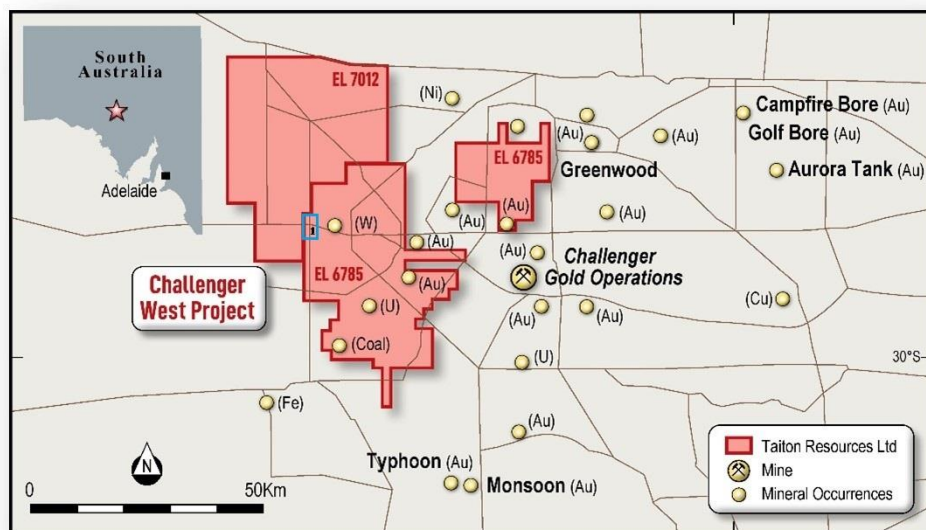
**31<sup>st</sup> October 2024**

## Highlights

- **Infill Ultrafine sampling at Challenger West defines multiple gold targets**
- **Potential IOCG targets from gravity survey completed at Highway with Gravity Anomalism up to 6 mGal**

Taiton Resources Limited (**ASX: T88, Taiton** or “**the Company**”) is pleased to provide a summary of activities completed during the Quarter ended 30<sup>th</sup> September 2024.

## Challenger West Project – South Australia

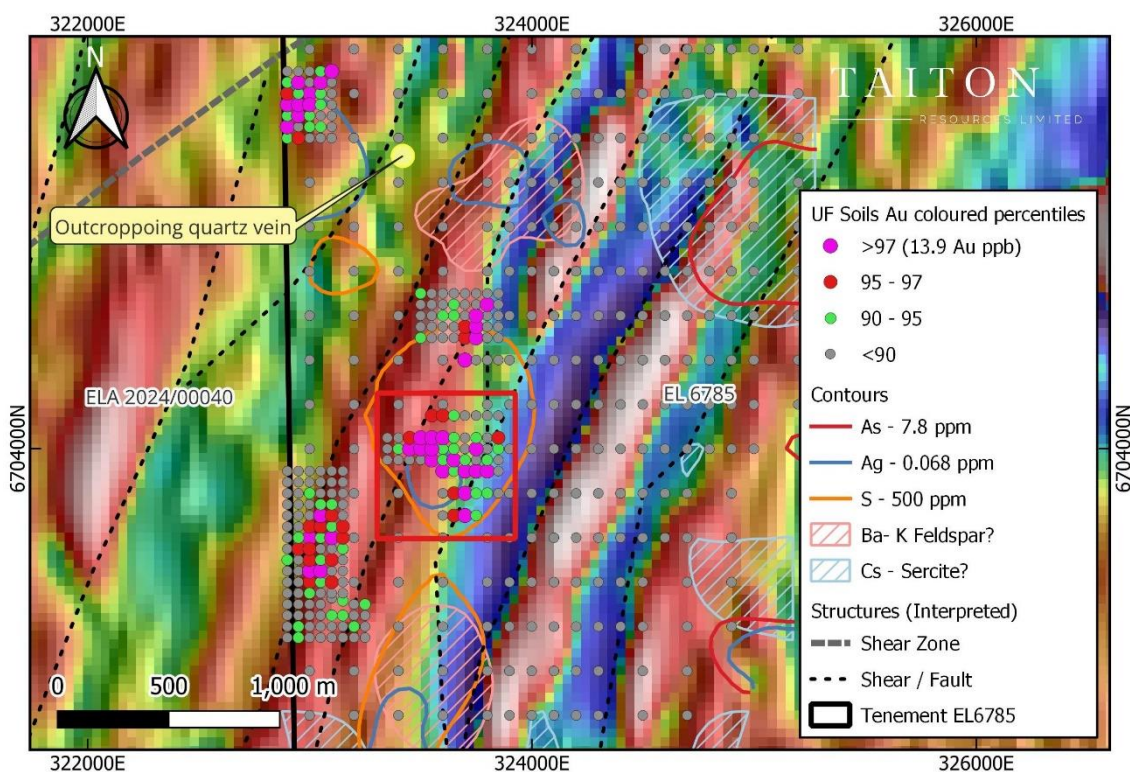


### Figure 1: Infill Area 1 – Challenger West Project

During the quarter, Taiton completed a targeted infill UF program within prospect Area 1 at its Challenger West project (**Figure 1**). The Challenger West project is located between 10km and 40km west and north of the >1 M ounce Challenger Gold deposit.

The program consisted of a total of 224 samples (ex QAQC samples) collected on a grid of 50m by 50m as infill to the first pass program completed in April 2024.

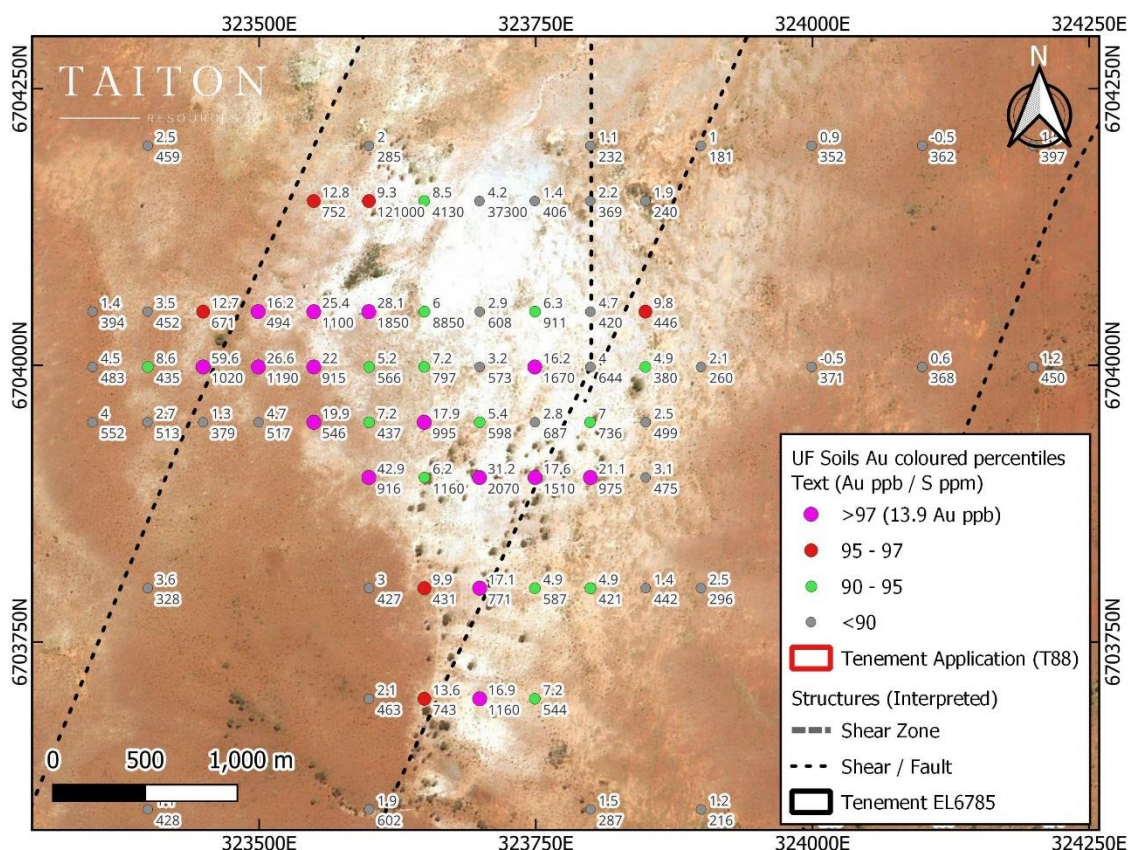
Multiple coherent gold (maximum value of 59.6 ppb Au) anomalies were identified coincident to interpreted north-northeast trending structures (**Figure 2**).



**Figure 2: Area 1 UF soil results underlain by RTP 1VD magnetic image. Red box is location of Figure 3.**



In addition, anomalous pathfinder elements, including Sulphur (**S**) up to 12.1% (potentially indicating underlying sulphide), have also been identified as shown in **Figure 3**.



**Figure 3: Anomalous Au and S within an area of extensive quartz float (bright white colour surface material) coincident with interpreted north-northeast trending structures.**

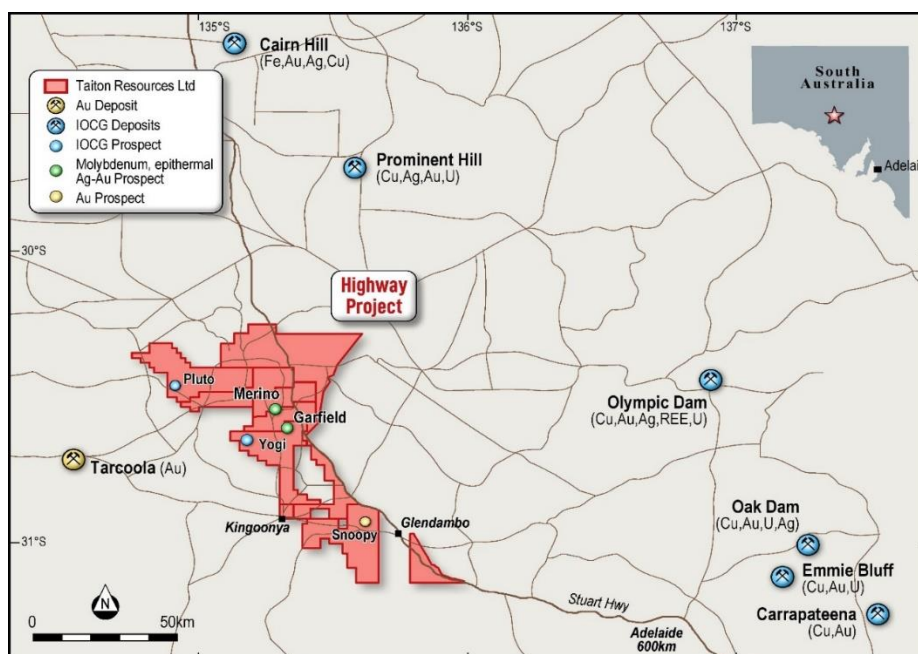
Since the prospect is defined as a series of interpreted north-northeast trending structures that connect into a northeast trending shear based on magnetic imagery and Area 1 being located at the boundary of EL6785, Taiton made an application for an additional tenement holding west of EL6785.

The new tenement measuring 861 km<sup>2</sup> was granted under EL7012, which effectively doubled Taiton's landholding in the highly prospective broader Challenger area for gold to 1,858km<sup>2</sup>(**Figure 1**).

The granting of EL7012 will enable Taiton to continue to explore along strike from interpreted north-northeast trending structures where Taiton recently identified gold in soil anomalism over an additional strike >5 km.

### Highway Project – South Australia

Commencing late July 2024, Taiton commissioned gravity survey within the Highway project across target areas identified for potential iron oxide copper-gold (**IOCG**) style mineralisation generated from a project wide geological review.



**Figure 4. Location of Highway project and prospects.**



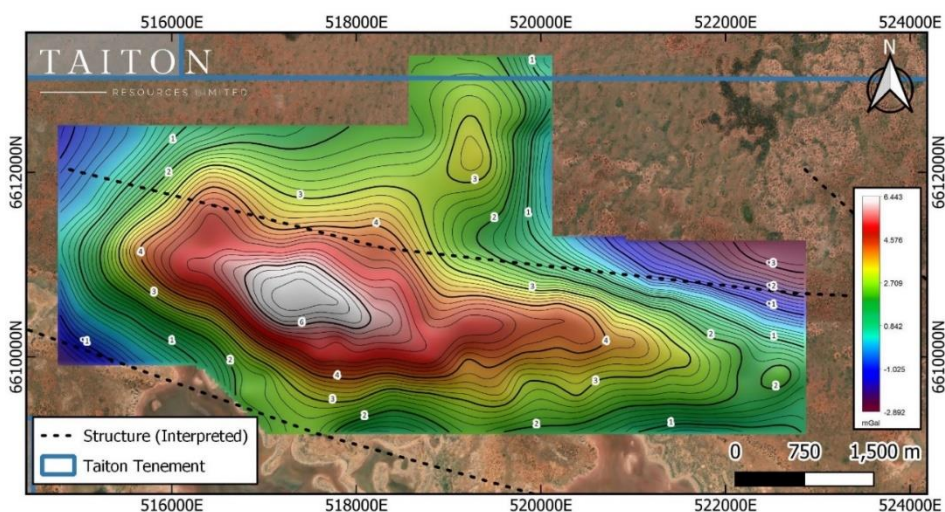
The gravity surveys were completed across the Pluto, Yogi, and Garfield prospects initially on a 400m-by-400m grid with infill sampling as required.

The Highway project is located west of the Olympic Dam Cu-Au province, which hosts multiple IOCG deposits. Limited exploration for IOCG mineralisation has been carried out west of this province, including the Highway project. This is due partly to restricted access within the Woomera Defence Area and secondly, the interpreted greater depth of overlying cover and volcanics.

### Yogi – Garfield Prospects

The gravity survey completed across the Yogi / Garfield prospects was completed on an initial 400m by 400m grid with infill stations to 200m by 200m spacing over the Yogi prospect for a total of 558 stations.

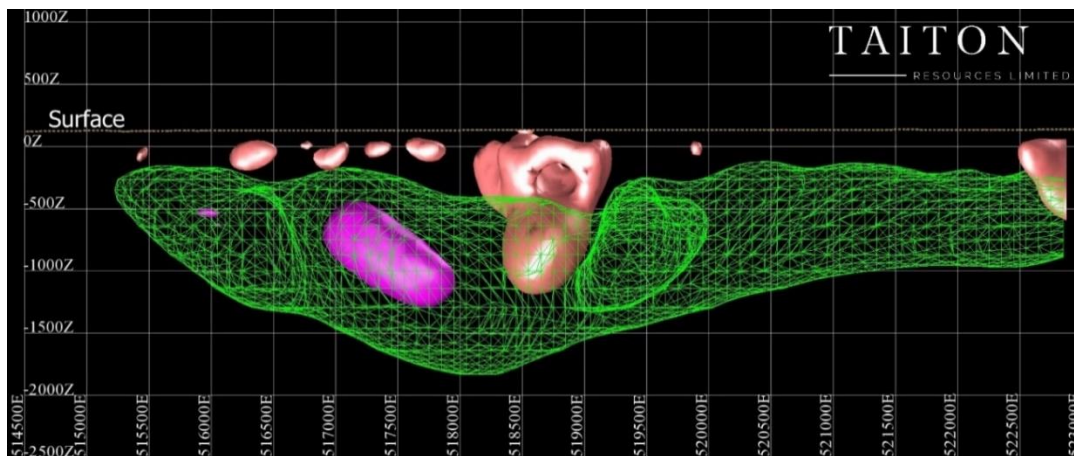
The gravity survey at Yogi defined a >6 mGal gravity anomaly with a strike extent of approximately 1.5 km within a broader gravity feature (**Figure 5**).



**Figure 5. Yogi residual Bouguer gravity anomaly image over subset inversion model target area.**



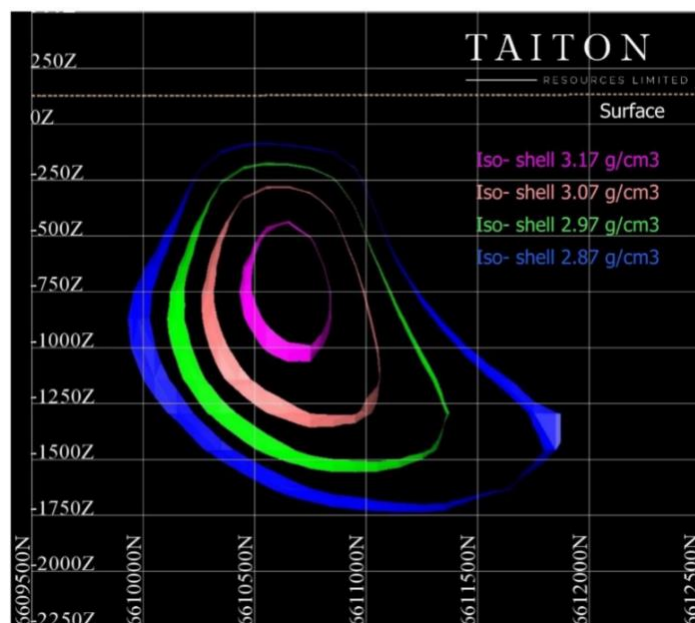
This anomaly is in an offset position from a distinct magnetic anomaly (**Figure 5**). The gravity and magnetic anomalies are located within interpreted Ealbara Rhyolite of the Lower Gawler Range volcanics (**LGRV**) adjacent to interpreted east-west structures and proximal to potential Hiltaba Suite Granites (**HSG**).



**Figure 6. Yogi prospect long-section of modelled denser core; 3.17 g/cm<sup>3</sup> gravity iso-shell (magenta body), within broader dense body 2.97 g/cm<sup>3</sup> gravity iso-shell (green wireframe) with modelled 0.025 SI magnetic iso-shell (pink body) interpreted to represent a potential intrusion.**

Within the broader gravity feature, a denser core of nominal 3.17 g/cm<sup>3</sup> density is located in an offset position (**Figure 6**) to the magnetic body with the depth-to-top approximately 600m below the surface (**Figure 7**).

**Figure 7. Yogi prospect gravity inversion modelled iso-shells representing nominal densities on cross section 517,150 E looking west**

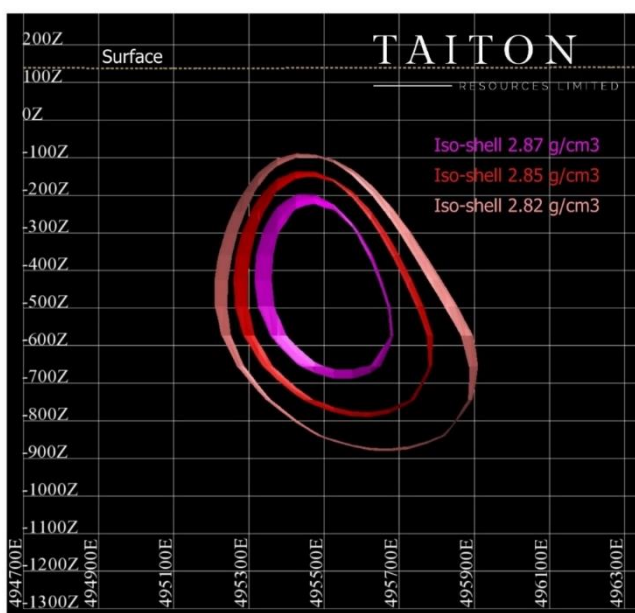


Due to the potential complexity of the geology in this area, coupled with the varied nature of geophysical signatures of known IOCG deposits, Taiton remains optimistic in the potential of the Yogi prospect to host a type of IOCG style mineralisation.

### Pluto Prospect

A gravity survey across the Pluto prospect was completed on a 400m-by-400m grid with infill stations to 200m by 200m over two selected areas for further anomaly definition. A total of 292 stations were acquired.

The Pluto gravity survey identified a 1.5 mGal anomaly in the southeast of the survey area coincident with a magnetic anomaly.



**Figure 8. Pluto prospect gravity inversion modelled iso-shells representing nominal densities on cross section 6,627,750N looking north.**

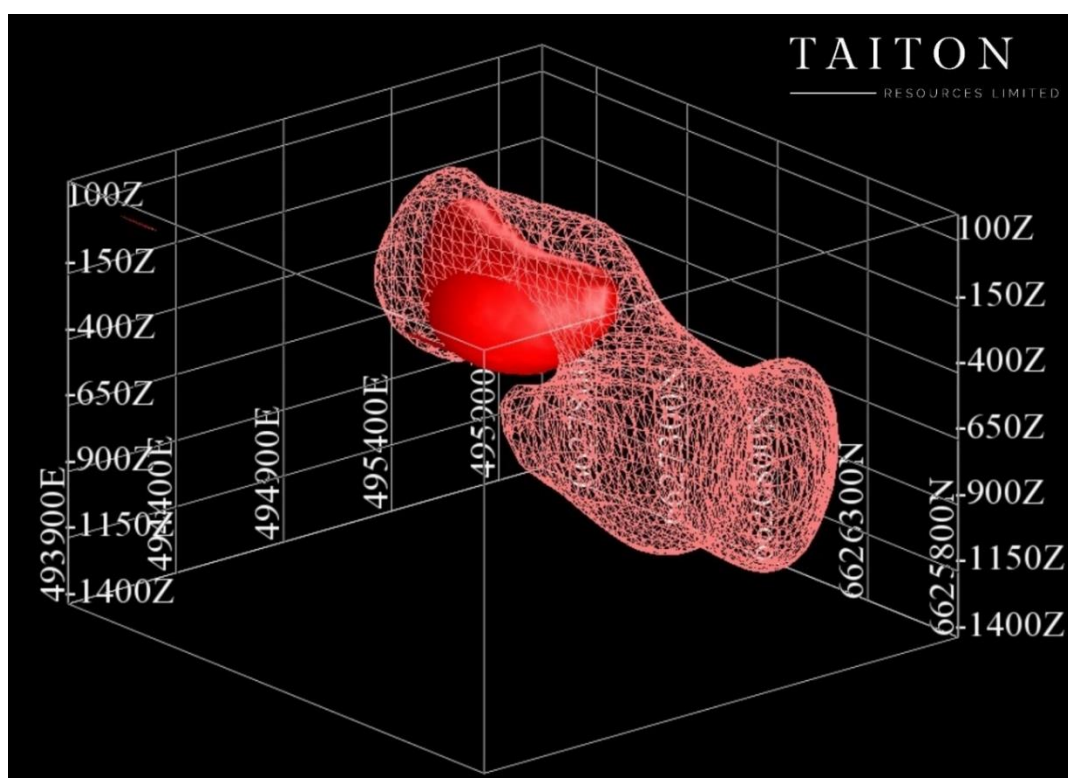
3D inversion modelling was completed by Southern Geoscience Consultants (SGC) over a 3km by 3.5 km subset over the defined Pluto gravity target and has defined a dense source body of  $>2.80$  g/cm<sup>3</sup>. The 2.85 g/cm<sup>3</sup> gravity iso-shell has a footprint of approximately 900m by 500m located approximately 350m below the surface (**Figure 8**).





This body could represent a hematite alteration zone. The regional magnetic data were also modelled using 3D inversion. The position of the modelled gravity body with respect to the magnetic (0.016 SI) modelled body indicates the gravity body encapsulates part of the modelled magnetic body but also a significant volume of the body appears to be in an area with diminished magnetisation (**Figure 9**).

Given that higher tenor Cu-Au mineralisation is located within hematite-rich alteration zones in comparison to magnetite-rich, this zone is viewed as a high priority target for drill testing to resolve its potential to host IOCG mineralisation.



**Figure 9. Pluto prospect oblique image (looking 040, -20°) of modelled 2.85 g/cm<sup>3</sup> gravity iso-shell (red body) with respect to the modelled 0.016 SI magnetic iso-shell (pink wireframe).**





TAITON RESOURCES  
LIMITED

ASX: T88

## QUARTERLY ACTIVITIES REPORT

Based on the encouraging results to date Taiton next steps for exploration at the Highway project are to obtain heritage and SA Mines Department approval to evaluate these targets for IOCG style mineralisation.

### **Lake Barlee Project – Western Australia**

In the quarter, the Company is still trying to engage First Nation groups to prepare a Heritage Survey to begin work on the ground. However, progress has been slow.

**CORPORATE**

As at 30<sup>th</sup> September 2024, Taiton has 73,009,544 shares on issue, 12,261,168 unlisted options and 6,000,000 unlisted performance rights. Cash at bank totalled \$0.665 M.

No further shares or options were issued during the September Quarter 2024.

**ASX Additional Information****Summary of expenditure items within Appendix 5B**

A summary of the expenditure and related party payments is set out below:

1.2(d) Staff costs of \$141K relate to director fees and consulting services, and CFO salary including superannuation.

1.2(e) Administration and corporate costs of \$92K relate mainly to costs for and associated with compliance costs (ASIC, ASX and share registry), audit, consulting fees, legal fees, investor relations, promotion & marketing, office costs, insurance, rental, web hosting, IT, and travel.

1.8 Other costs of \$24K relate to project consulting fees (\$22K) and new tenement application fees (\$2K).

2.1(c) Property, plant, and equipment of \$2K relates to purchases of equipment.

2.1(d) Exploration & evaluation costs of \$373K relate mainly to payments to Geologists for work activities, Tenement rents, consulting services, Fieldwork & supplies, Field travel, Gravity survey, Geochemical surveys, Laboratory analysis, and Land access negotiations/agreements.

2.1(f) Deposit was paid on the purchase of a property in NSW on the Kingsgate project.

2.2(c) Proceeds from sale of Ute for \$27K.



3.1 Receipt of funds from share capital raising prior to allotment of shares.

6.1 Payments to related parties relate to director fees and consulting services (\$107K), and payment for media digital content, production, and promotion services (\$15K) to an entity associated with an Executive director.

6.2 Payments to related parties relate to director consulting services (\$23K) included in exploration & evaluation costs.

There were no mine production or development activities during the quarter.

#### Use of Funds (Listing Rule 5.3.4)

The Table below sets out a comparison of actual expenditure in the Use of Funds against estimated expenditure in the IPO prospectus dated 23 September 2022 and explanation of any material variances.

Use of funds	Proposed \$ in IPO prospectus -Year 1	Proposed \$ in IPO prospectus -Year 2	Total Year 1 & Year 2	Actual expenditure \$ to 30 Sept 2024	Variance under/(over) \$'000
Exploration activities <sup>a)</sup>	\$1,900,000	\$2,035,000	\$3,935,000	\$3,438,603	\$497
Administration costs <sup>b)</sup>	\$799,000	\$742,000	\$1,541,000	\$2,090,688	\$(550)
Estimated expenses of the Offer <sup>c)</sup>	\$1,142,000	0	\$1,142,000	\$927,710	\$214
Working Capital <sup>d)</sup>	\$315,000	\$264,000	\$579,000	\$450,868	\$128
Total Funds allocated – Year 1 & Year 2	\$4,156,000	\$3,041,000	\$7,197,000	\$6,907,869	\$289



The material variances noted above are as a result of a number of factors, including:

- a) Exploration activities expenditures including plant & equipment purchases are in line with the exploration program and dependent on the progress and timing of regulatory approvals.
- b) The Company has incurred higher than anticipated Administration costs due to higher spending on compliance costs, legal and professional costs, travel costs, and investor relations/media promotion costs.
- c) Estimated expenses of the Offer were less than actuals due mainly to less brokerage paid.
- d) Working Capital includes interest paid on Loan facilities (\$156K) which were fully repaid by the conversion to shares on the Company's admission to the ASX; and costs expended on identifying and reviewing new acquisition opportunities (\$120K), project consulting fees (\$93K), project expenses (\$19K), security deposits (\$20K), new tenement application fees (\$19K), and deposit on purchase of property (\$24K).

It should be noted that as with any budget, the allocation and timing of the use of funds set out in the Table above may change depending on a number of factors, including market conditions, the progress of the Company's exploration and evaluation programs, economic conditions, and regulatory approvals.



## Tenements

Registered Holder	Tenement No.	Location	Project	Area (Sq km)	Total (Sq km)	Interest at the end of Quarter
Lake Barlee Gold Pty Ltd	E77/2700	WA	Lake Barlee	191.54		100%
Lake Barlee Gold Pty Ltd	E57/1158	WA	Lake Barlee	204.26		100%
Lake Barlee Gold Pty Ltd	E77/2715	WA	Lake Barlee	131.93		100%
Lake Barlee Gold Pty Ltd	E57/1168	WA	Lake Barlee	141.00		100%
					668.7	
Taiton Resources Limited	EL6658	SA	Highway	972.00		100%
Taiton Resources Limited	EL6706	SA	Highway	160.00		100%
Taiton Resources Limited	EL6784	SA	Highway	884.00		100%
Taiton Resources Limited	EL6857	SA	Highway	914.00		100%
					2,930.0	
Taiton Resources Limited	EL6785	SA	Challenger West	997.00		100%
Taiton Resources Limited	EL67012	SA	Challenger West	861.00		
					1,857.00	
Taiton Resources Limited	EL9636	NSW	Kingsgate	104.70		100%
Taiton Resources Limited	EL9641	NSW	Kingsgate	189.40	294.1	100%
					5,749.80	

**This Report has been approved by the Board of Directors of the Company.**

**For further information, please contact:**

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## COMPETENT PERSONS STATEMENT

The information in this report that relates to exploration results is based on and fairly represents information and supporting documentation prepared by Mr Noel Ong, an employee of the Company. Mr Ong is a member of The Australasian Institute of Mining and Metallurgy (AusIMM) and 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 Ong consents to the inclusion in this report of the matters based on this information in the form and context in which they appear.

## References:

### Taiton announcements

- 25/07/2024 Gravity Survey on IOCG Targets and Infill UltraFine
- 21/08/2024 Discovery of Gold Prospects at Challenger West
- 02/09/2024 Additional Tenement Granted at Challenger West
- 18/09/2024 Gravity Anomalism up to 6 mGal Support Highway IOCG Targets

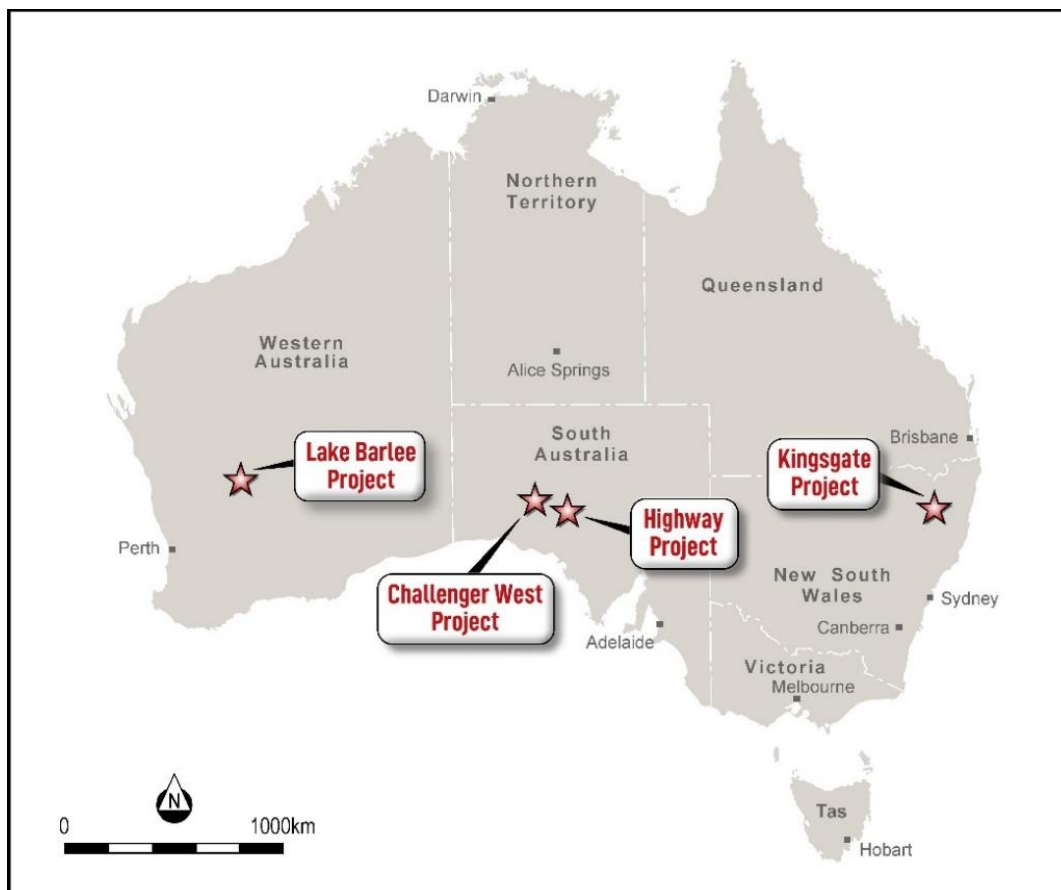




## About Taiton Resources Limited

Taiton Resources Limited (ASX: T88) is an early-stage mineral exploration and development company with a portfolio of projects across New South Wales, South Australia and Western Australia, comprising the following:

- a) **Kingsgate Project** – total tenement holding of 294.1 sq km, located in New South Wales;
- b) **Highway Project** – total tenement of 2,930 sq km, located in South Australia;
- c) **Challenger West Project** – total tenement land holding of 1,858 sq km in South Australia; and
- d) **Lake Barlee Project** – total tenement holding of 668.7 sq km.



## Appendix 5B

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

Name of entity

Taiton Resources Limited

ABN

41 062 284 084

Quarter ended ("current quarter")

30 September 2024

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
<b>1.</b>	<b>Cash flows from operating activities</b>		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation		
	(b) development		
	(c) production		
	(d) staff costs	(141)	(141)
	(e) administration and corporate costs	(92)	(92)
1.3	Dividends received (see note 3)		
1.4	Interest received	7	7
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)	(24)	(24)
<b>1.9</b>	<b>Net cash from / (used in) operating activities</b>	<b>(250)</b>	<b>(250)</b>
<b>2.</b>	<b>Cash flows from investing activities</b>		
2.1	Payments to acquire or for:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment	(2)	(2)
	(d) exploration & evaluation	(373)	(373)
	(e) investments		
	(f) purchase of property-deposit paid	(24)	(24)

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (3 months) \$A'000</b>
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment	27	27
	(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)		
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(372)</b>	<b>(372)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)- funds received prior to allotment of shares	127	127
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)		
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>127</b>	<b>127</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	1,160	1,160
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(250)	(250)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(372)	(372)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	127	127



<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (3 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	-	-
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>665</b>	<b>665</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	665	660
5.2	Call deposits	-	500
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>665</b>	<b>1,160</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	122
6.2	Aggregate amount of payments to related parties and their associates included in item 2	23
<i>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.</i>		

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

<b>7. Financing facilities</b> <i>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.</i>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 <b>Total financing facilities</b>	-	-
7.5 <b>Unused financing facilities available at quarter end</b>		-
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		

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(250)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(373)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(623)
8.4 Cash and cash equivalents at quarter end (item 4.6)	665
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	665
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	1.06
<i>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.</i>	
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: Yes	
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: Steps are being undertaken to raise further funds and the company believes it will be successful in raising the required funds in the short term.	

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

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: Yes, on the basis that further funds are expected to be raised to meet its operational commitments in line with its current exploration programs.

*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: .....31 October 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.