

ASX ANNOUNCEMENT 30 April 2024

QUARTERLY ACTIVITIES REPORT FOR THE PERIOD ENDING 31 MARCH 2024

Highlights:

Pilbara - Woody Project (formerly Tambourah South)

- Infinity completed a second RC drilling program at the Woody Project (Tambourah South) in 2023, with 8 holes for a total advance of 834 metres drilling, intersecting significant lithium-bearing pegmatites.
- Anomalous lithium results were returned from the RC Drilling Program confirming the observed lithium (spodumene) and tantalum mineralisation, which is hosted within fractionated pegmatites.
- The RC drilling results within the pegmatites were highly variable with the best lithium intercept returning 1 m @ 2.1% Li₂O, 1,060 ppm Rb, 119 ppm Cs and 80 ppm Ta, in hole TM23RC026 from 31 m depth.
- The mapped pegmatite units at Woody have a combined strike length of over 5.7km, with many of these untested by drilling.
- Preliminary results of the Ambient Noise Tomography (ANT) survey assisted with the successful acquisition of co-funding of \$149,675 from the WA Government's Exploration Incentive Scheme (EIS), for two 300 m diamond drill holes at Woody.
- Infinity has also acquired two new exploration licenses, strategically aligned with the Woody (South Tambourah) lithium prospect.

Pilbara - Hillside Project

- Infinity completed a nine (9) hole RC drill program in 2023 for a total of 2,278m, targeting the 2018 SkyTEM anomalies.
- The RC drilling has returned elevated nickel, with a total of 24 intervals returning assays greater than 1,000ppm (0.1%) Ni. For example,
 - HS23RC003 reported a 135m interval (64m -199m) at 2,189ppm (0.22%) Ni and a further 95meters interval (254m-349m) at 2,197ppm (0.22%) Ni with a Ni/Cr ratio of 1.5.
- Two new LCT pegmatite outcrops have been identified at the Hillside project (Buzz and Lightyear Prospects) which warrant further Lithium exploration.
- Infinity has acquired a new tenement E 45/6471, which adjoins the Hillside project, further strengthening Infinity's position in the Pilbara region.

Pilbara - Panorama Project

- A total of 35 rock chip samples were taken across the Brisbane Nickel Prospect, returning up to 7,636 ppm (0.74%) Nickel (Ni) and 8,918 ppm (0.892%) Chromium (Cr).
- An RC drilling program has been designed to test surface geochemical anomalies and the buried electromagnetic (VTEM Max) anomaly at the Brisbane Nickel Prospect on E45/4779.

- Infinity was granted \$117,810 during 2023 from the WA Government's EIS fund, to undertake a drilling program at the Brisbane Nickel Prospect, now planned for 2024.
- Infinity successfully concluded the acquisition process for tenement E45/6281, marking another significant addition to the Pilbara Project.

Pilbara – Strelley Gorge Project

- A helicopter-borne electromagnetic (VTEM Max) survey was completed at Strelley Gorge in 2022.
- Two high-priority EM anomalies are flagged for further exploration in 2024.

Pilbara - Tambourah North

- Several zones of possible pegmatites have been identified for ground follow-up exploration work in the search of Lithium (LCT) pegmatites. Work is planned for 2024.

Central Goldfields

- During the quarter, Infinity released its maiden JORC (2012) Inferred Mineral Resource estimate of 60,300 oz gold, plus a potential exploration target of up to 592,000 oz gold at its Central Goldfields Project (Craig's Rest and Victor Bore Projects).
- A further 2,700 oz gold JORC (2012) Inferred Mineral Resource estimate was also released for the Great Northern Project, giving a total of 63,000 oz gold in inferred resources for the Central Goldfields.
- The company has commenced negotiations with third parties regarding the sale or partnership of the Central Goldfields Project.

Infinity Mining Limited (ASX: IMI) (the **Company** or **Infinity**) is pleased to report on its activities for the quarter ending 31 March 2024.

The Company's planned exploration programs are focused on a large package of tenements in the Pilbara region and the Central Goldfields region of Western Australia. With the recent acquisition of a number of new tenements, Infinity now holds approximately 670km² in the Pilbara area and a further 22 km² in the Central Goldfields around Leonora (see **Figure 1**). The Company also has a number of pending applications in the Pilbara totalling a further ~100km².

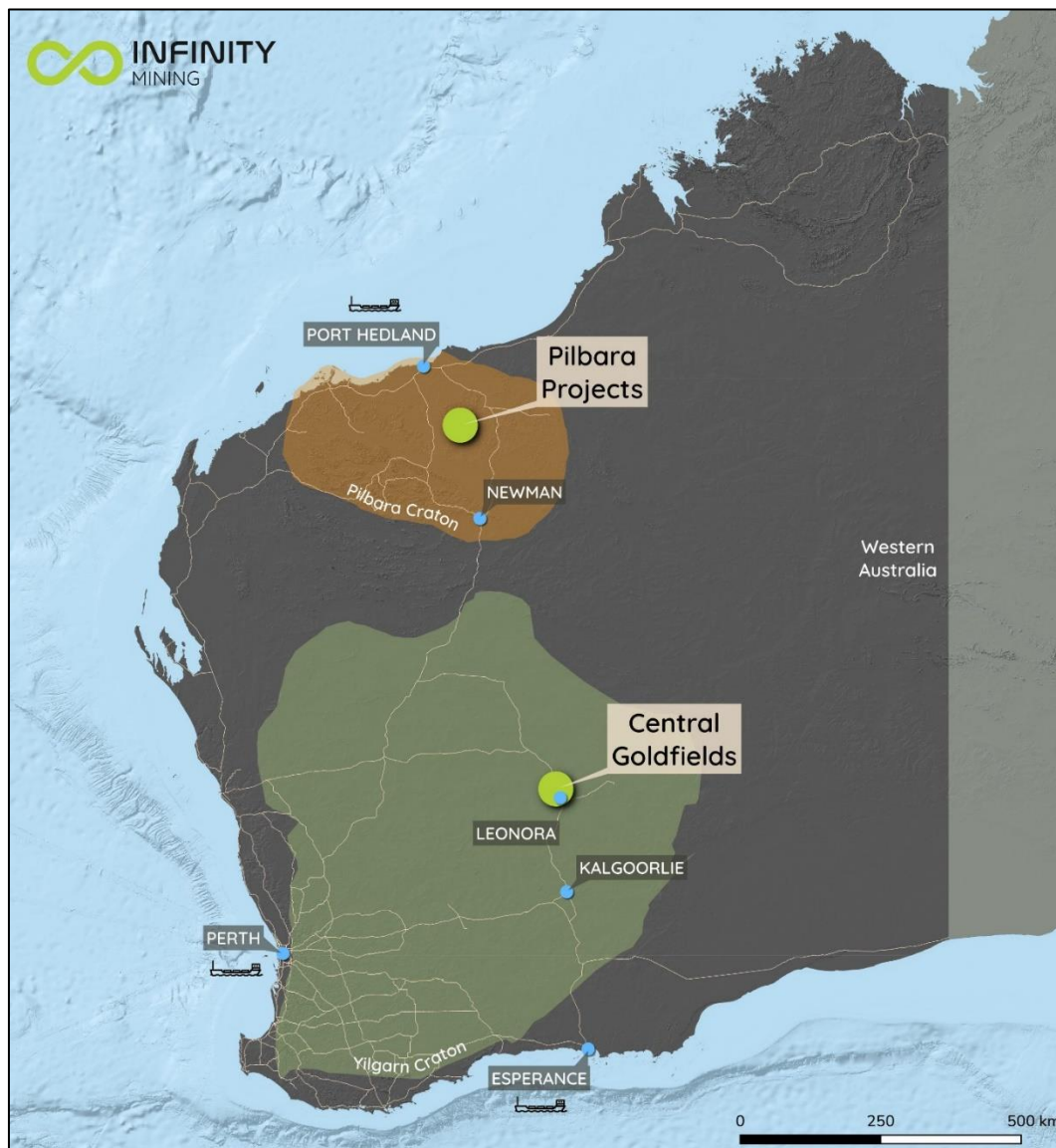


Figure 1: Location map showing Infinity's two areas of exploration.

Review of Operations

Pilbara Projects

The Pilbara tenement package comprises an extensive portfolio of Lithium, Gold, Nickel and Copper exploration tenements located in the Pilbara region of northwest Western Australia, including the Woody (formerly Tambourah South), Hillside, Panorama, Strelley Gorge and Tambourah North Projects.

The expansion of the East Pilbara tenure during 2023, through the acquisition of new exploration licenses, has contributed an additional 98.83 square kilometers to Infinity's growing portfolio. Notably, two of these acquisitions strategically align with the Woody (South Tambourah) lithium prospect (see **Figure 2**).

Extensions of key tenements for another 5 year period, namely E45/4708, E45/4824, E45/4848, and E45/4779, further solidify Infinity's longer-term presence in the region.

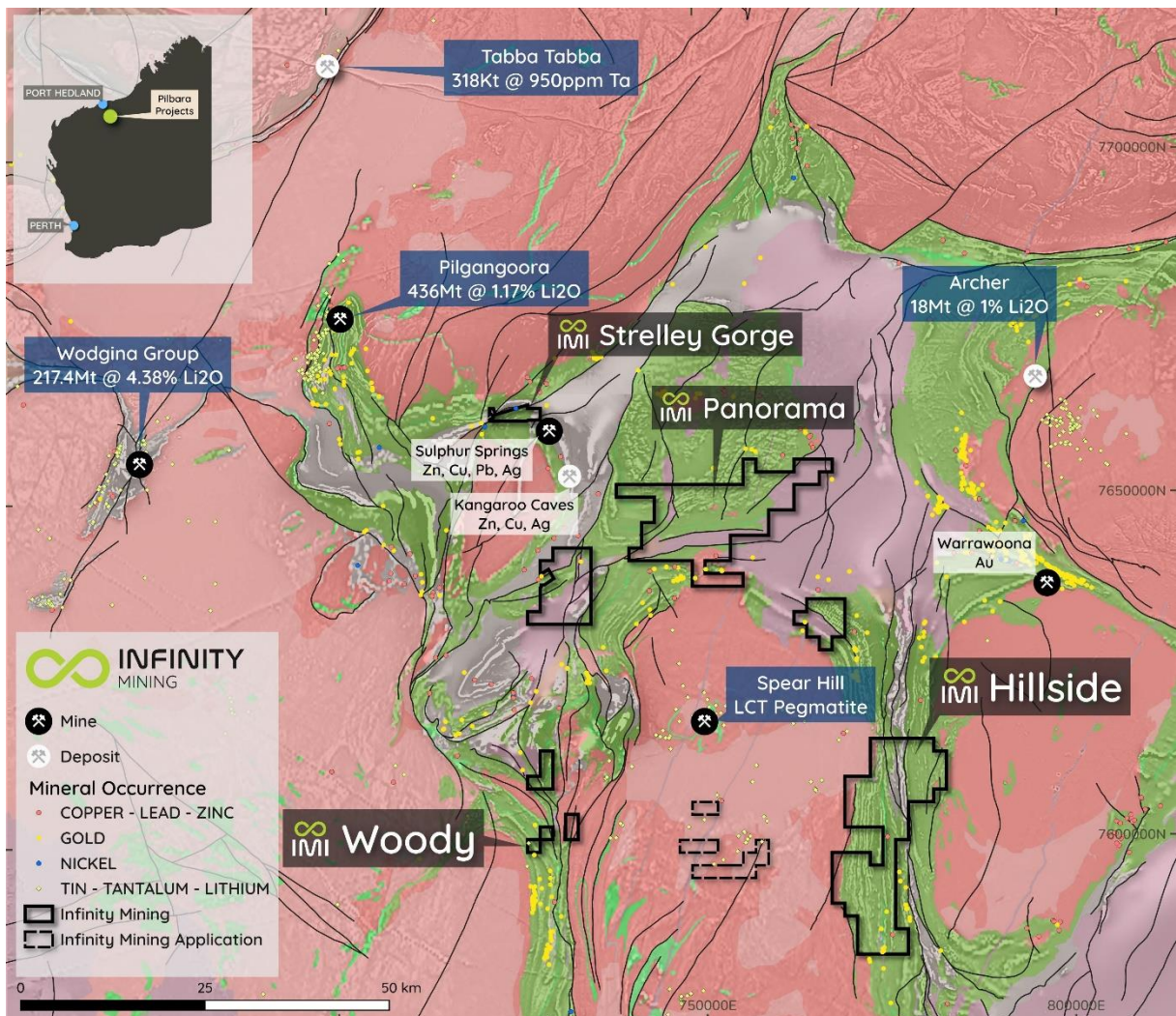


Figure 2. Infinity Mining's Pilbara Exploration Projects

Woody (Tambourah South) (E45/4848)

2023 RC Drilling Program

During 2023, Infinity completed a second drilling program at the Woody Project (formerly Tambourah South), plus additional geological mapping and surface rock chip sampling (see December 2023 quarterly report).

RC drilling confirmed lithium mineralisation within highly fractionated pegmatites with elevated lithium, rubidium, caesium and tantalum assays indicating fertile Lithium-Caesium-Tantalum (LCT) pegmatites.

The lithium RC drilling results within the pegmatites were highly variable. The highest lithium Intercept was 1 m @ 2.1% Li₂O, 1,060 ppm Rb, 119 ppm Cs and 80 ppm Ta, in hole TM23RC026 from 31 m depth. Spodumene was the dominant lithium bearing mineral confirmed by Potable Spectral Solution using the Bruker Ramen Spectrometer on various pegmatite drill chips. The thickest high-grade intersection of tantalum returned 8 m @ 118 ppm Ta, within RC Drillhole TM23RC023 (see **Figure 3**). For more details see ASX Announcements dated [22 November 2023](#) and [8 February 2024](#).

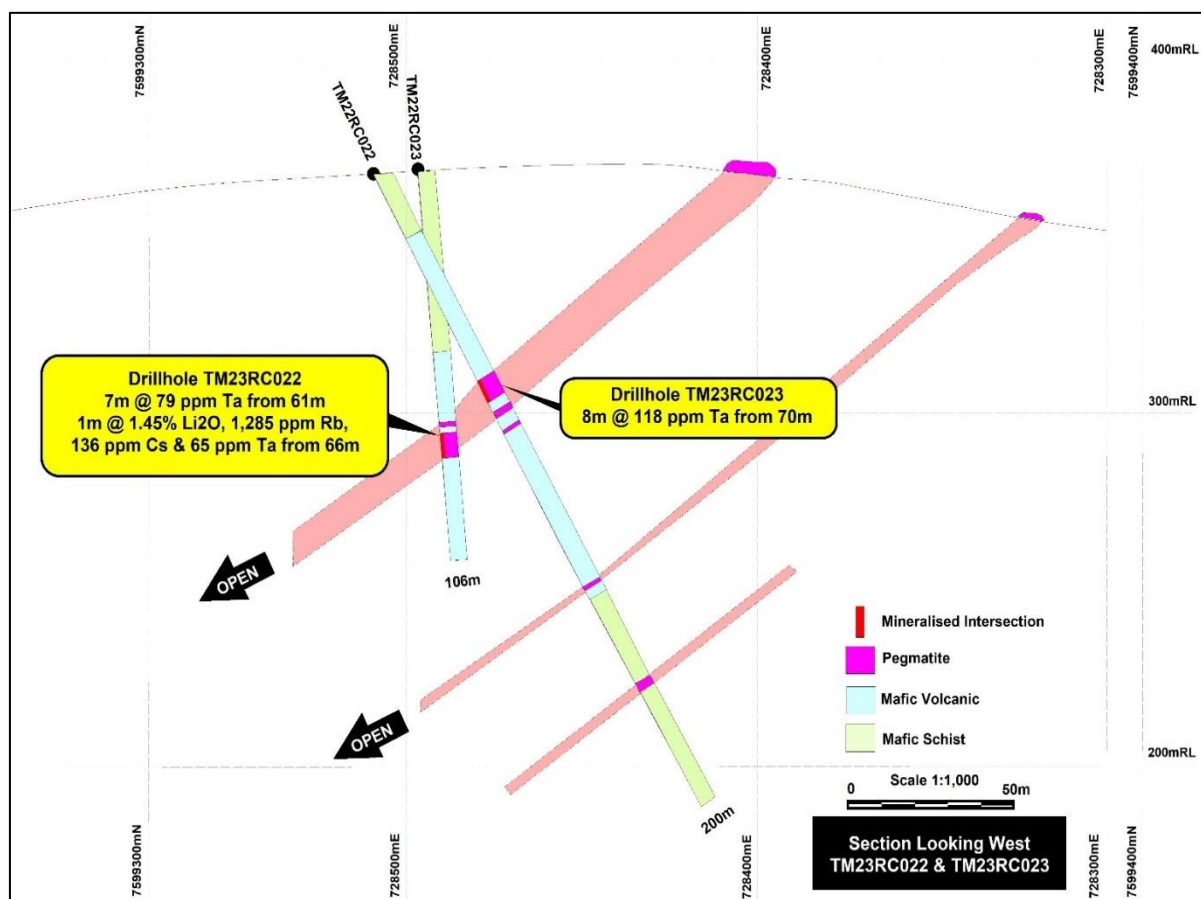


Figure 3. Infinity Mining's Woody Project (Tambourah South) showing drillholes TM22RC022 and 023, highlighting mineralised intervals within pegmatites

Geological Mapping and Rock Chip Sampling

Geological mapping carried out at Woody (Tambourah South) has identified new outcropping pegmatite zones extending out from previously mapped areas, many of which contain visible lithium minerals (Spodumene and Lepidolite). The multiple stacked pegmatites mapped by Infinity now have a cumulative strike length of over 5.7 km – and many of these pegmatites remain untested by drilling (see [ASX Announcement dated 13 December 2023](#) and [8 February 2024](#)). Rock chip sampling has further enhanced the prospectivity of this tenement, returning calculated Li₂O grades up to 3.70%, see **Figure 4**.

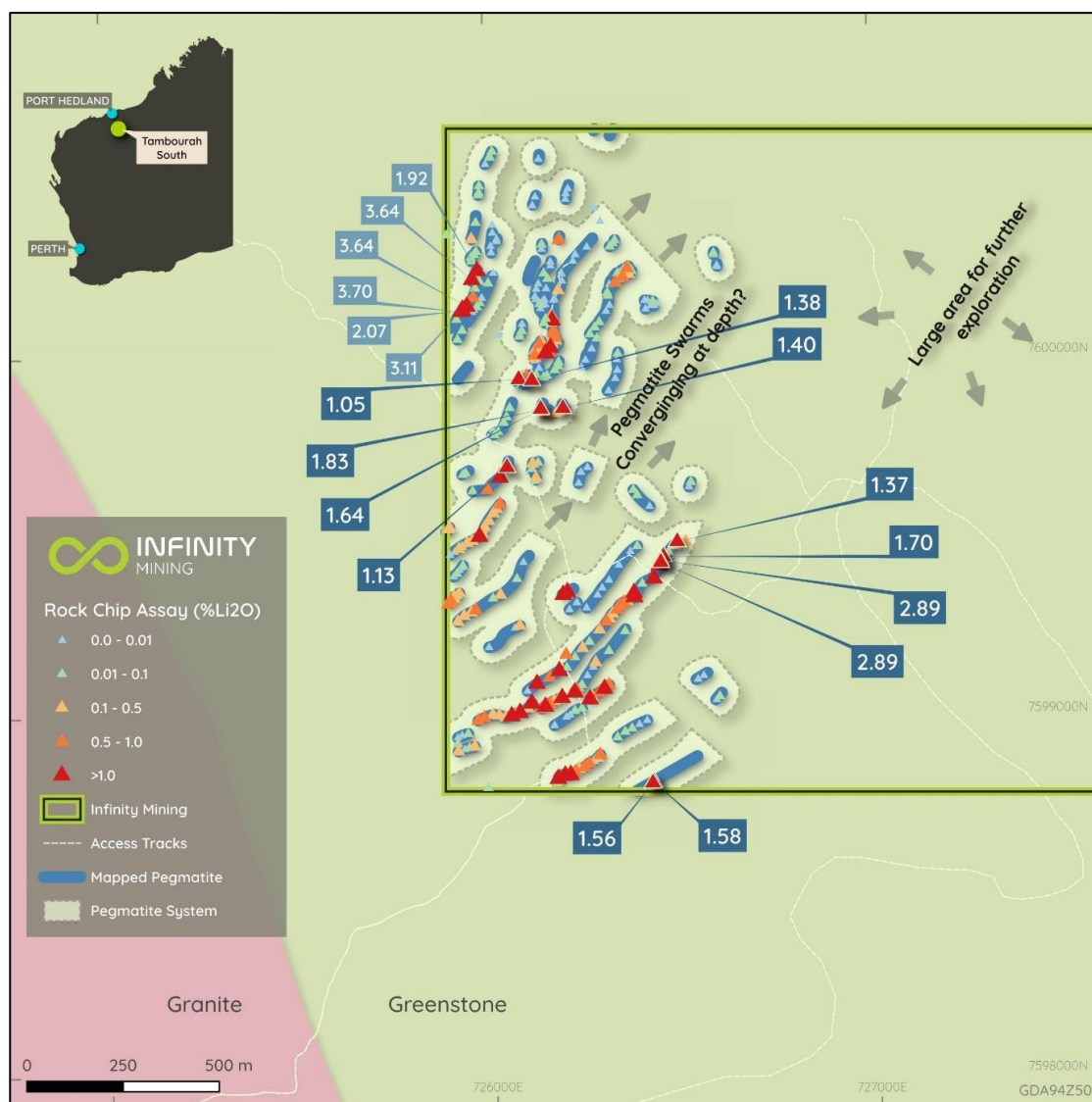


Figure 4. Woody Project (Tambourah South) geological mapping and surface rock chip sampling showing Li₂O assays >1%.

Ambient Noise Tomography (ANT) Survey

An Ambient Noise Tomography (ANT) survey was completed during 2023 at Woody (Tambourah South). The ANT survey was implemented to generate 3D seismic images down to +200 m depth to help define the geometry of pegmatite zones at depth, in particular where LCT pegmatites identified at surface could have expanded at depth.

The ANT survey results are still undergoing final interpretation, which also incorporates all of Infinity's mapping, Reverse Circulation (RC) drilling and surface sampling. The preliminary results of the Ambient Noise Tomography (ANT) survey assisted with the successful acquisition of co-funding from the Western Australian Govt (see below).

Co-Funded Diamond Drilling Program

Infinity has been granted \$149,675 under the WA Government's Exploration Incentive Scheme (EIS), to complete two (2) inclined NQ diamond drill holes, to test the deeper parts of the Li-bearing pegmatite swarm at Woody (Tambourah South). Infinity will fund the balance of the \$299,350 program budget. A preliminary 3D seismic image showing the two proposed drill holes is included below as **Figure 5** (see [ASX Announcement dated 28 November 2023](#)).

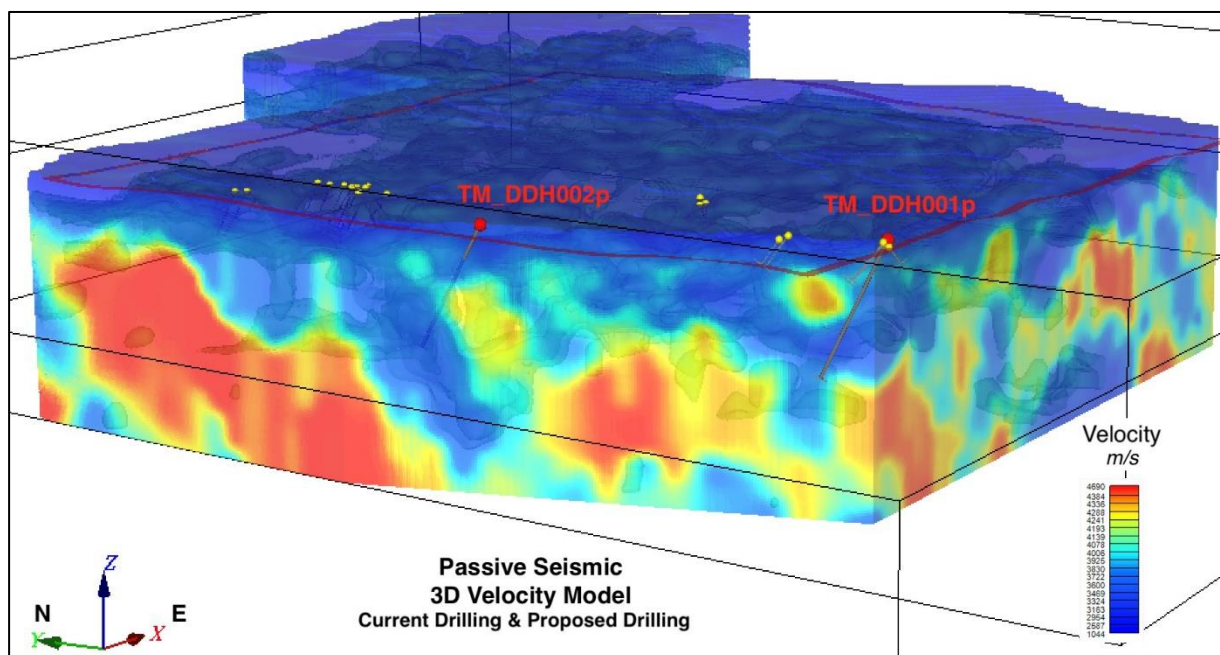


Figure 5. Woody Project (Tambourah South) proposed drill holes and ANT passive seismic 3D model

Acquisition of New Tenements - Woody Project

During 2023, Infinity acquired two new exploration licenses that lie directly NE of the key Woody (Tambourah South) tenement E45/4848. These new tenements are strategically aligned with the Woody Lithium Project (see **Figure 2**).

Hillside (E45/4685, E45/4824, E45/4708 and E45/4709)

2023 RC Drill Program

An RC drilling program was completed at Hillside during 2023, which totalled 2,278 meters across 9 holes, aimed at testing conductive EM anomalies, which may represent buried sulphide mineralisation. The drill targets were generated from a helicopter-borne EM survey (SkyTEM) flown by Infinity in 2018. For further details see [ASX Announcement dated 8 Nov 2023](#). The 9 RC holes were drilled into the N-S striking mafic-ultramafic complex that runs through Infinity's Hillside project area.

A total of 24 intervals returned assays greater than 1,000ppm Ni, including 4 with a Ni/Cr ratio greater than 1. Two of these intervals are greater than 100m, while another is 95m, and 4 intervals returned a Ni/Cr ratio greater than 1. These results are encouraging, so further work is planned.

- HS23RC003 reported a 135m interval (64m -199m) at 2,189ppm (0.22%) Ni and a further 95 meters interval (254m-349m) at 2,197ppm (0.22%) Ni with a Ni/Cr ratio of 1.5.
- HS23RC005 reported a 107m interval (235m-342m) at 1,727 ppm (0.17%) Ni.

Lithium Pegmatites at Hillside

Two new LCT pegmatite outcrops were identified at the Hillside project. The [Buzz and Lightyear](#) prospects are located on the opposite side of the granite dome to where multiple lithium pegmatite zones have been discovered at the Woody Project (see **Figure 6**). The new pegmatite discoveries are located within Hillside tenement E45/4824 on the western edge of the greenstone belt, see [ASX Announcement dated 8 November 2023](#).

The Hillside pegmatites were identified during a helicopter survey of the region. A total of 7 samples, each identifying a separate pegmatite outcrop, were assayed indicating LCT enrichment. No lithium minerals were identified but anomalous grades of caesium, rubidium and tantalum of 15.8ppm, 0.2% and 12.6ppm respectively were encountered. The locations sampled are highly weathered at surface therefore depleted in significant surface mineralisation, see [ASX Announcement dated 13 December 2023](#). Detailed ground exploration will commence in 2024 to fully ascertain the Lithium prospectivity of the new pegmatites at Hillside.

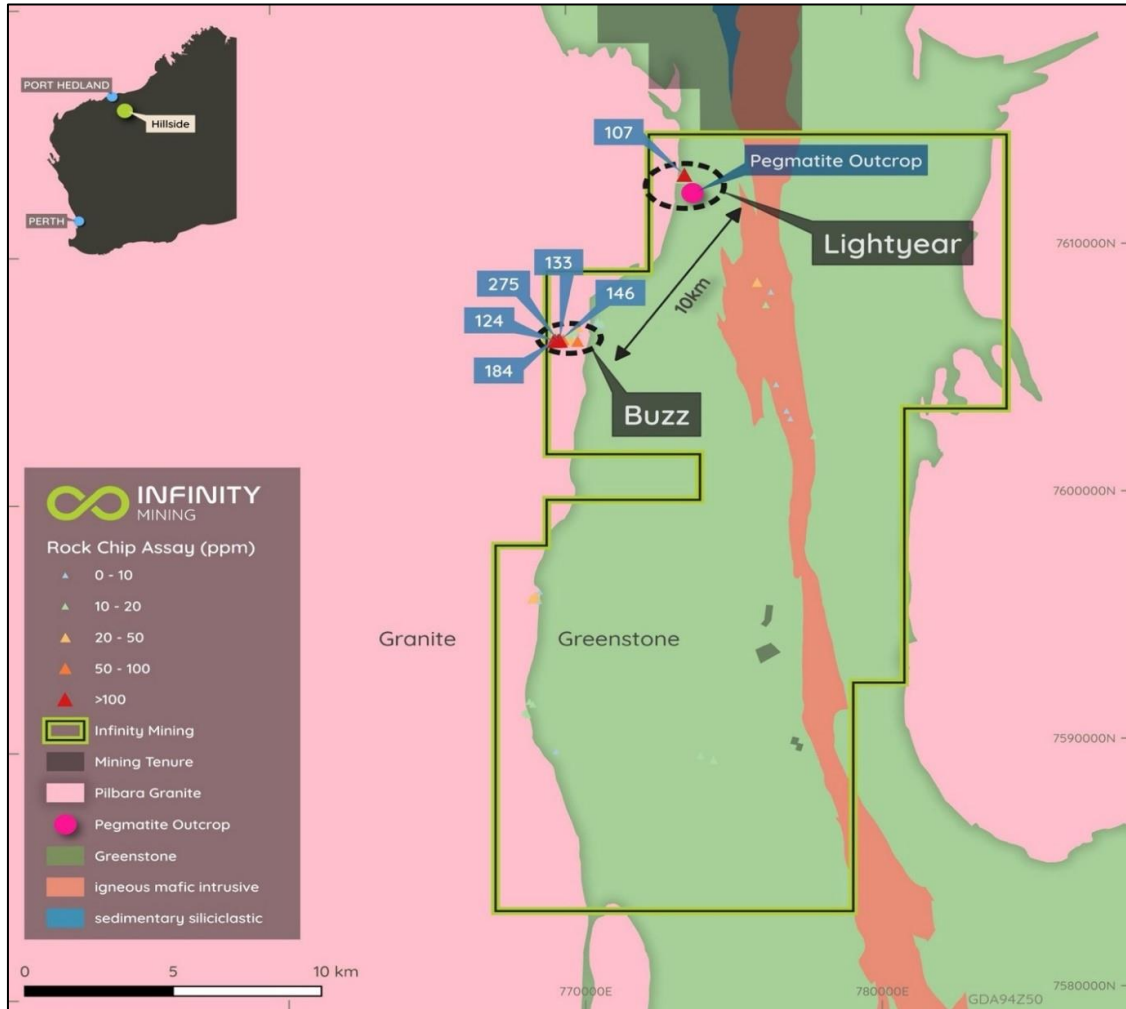


Figure 6. Hillside Project showing location of 2 new pegmatite prospects

New Tenement Acquisition

Infinity acquired E45/6471 further strengthening Infinity's position in the Hillside region. The Hillside Project comprises four tenements (E45/4685, E45/4708, E45/4709, E45/4824) covering 397.5 km², and is located approximately 50 km south of Marble Bar. The new tenement adjoins other tenements of the Hillside project. Further details are included in [ASX Announcement dated 26 October 2023](#).

Panorama (E45/4732, E45/4764 and E45/4779)

Brisbane Nickel - Drill Hole Targeting

The main prospect of interest at Infinity's Panorama licence E45/4779 is the Brisbane Nickel Prospect. Infinity's previous exploration at the Brisbane Nickel Prospect confirmed the presence of a large Mg-rich ultra-mafic body (peridotite), with gossanous and silicified shear zones plus gossanous cherts along the peridotite contact. Rock chip samples from this area returned up to 7,636 ppm (0.764%) Ni, 8,918 ppm (0.892%) Cr and 2,569 ppm (0.257%) Zn (see [ASX Announcement dated 15 December 2022](#)).

A drilling program has been designed to drill test both the surface geochemistry and VTEM anomaly with 10 RC Holes. Six (6) of the holes are to be drilled at an incline under existing rock chip geochemistry and anomalous gossan to test down dip extensions of the peridotite. Four (4) holes will be drilled as inclined scissor holes to test the offset VTEM anomaly. Drilling has been planned for 2024.

WA Government Funding for Proposed Drilling

During 2023, Infinity's application for a co-funded drilling program at the Brisbane Nickel Prospect was awarded by the Government of Western Australia's Department of Mines, Industry Regulation and Safety under the Exploration Incentive Scheme (EIS).

Infinity has been granted \$117,810 to undertake this proposed drilling program at the Brisbane Nickel Prospect on the Panorama Project (E45/4779). Infinity will fund the balance of the \$268,720 program budget. Details are included in [ASX Announcement dated 27 April 2023](#). Drilling is planned to commence in 2024.

New Tenement Acquisition

Infinity Mining successfully concluded the acquisition process for E45/6281 from TasEx Geological Services Pty Ltd ("TasEx" or the "Seller"), which adjoins the Panorama Project, marking another significant addition to its expanding portfolio in the Pilbara region. Details are included in [ASX Announcement dated 16 November 2023](#).

Strelley Gorge (E45/4735)

VTEM Survey Anomalies

During 2023, Newexco Exploration Geophysical consultants completed interpretation of the October 2022 helicopter-borne electromagnetic (VTEM Max) surveys completed over the Strelley Gorge project. A number of EM anomalies were identified at Strelley Gorge and these anomalies will be interpreted for further follow-up work.

Two EM anomalies stand out as higher-priority targets and will be followed up in the future. The Southeast corner of the tenement is of interest due to the proximity to the Sulphur Springs VHMS deposit currently owned by Develop Global Limited (ASX: DVP, formerly Venturex Resources Limited).

Tambourah North (E45/5324)

The Tambourah North Project is located 8 km north of the Woody Project (formerly Tambourah South). The project covers a structural deformed section of a greenstone belt containing mafic and ultramafic rocks of the Euro Basalt. In 2023, several potential pegmatites were identified in satellite imagery for ground-checking. Further exploration work is planned at Tambourah North in 2024.

Central Goldfields Projects – Leonora District

The Central Goldfields tenements are highly prospective for orogenic gold systems and copper-rich VMS systems, in the area around the gold mining district of Leonora, WA. The Central Goldfields Project comprises a collection of mining, exploration and prospecting licenses, which all lie in areas of Archaean greenstone, associated with major NNW-trending fault zones (see **Figure 7**).

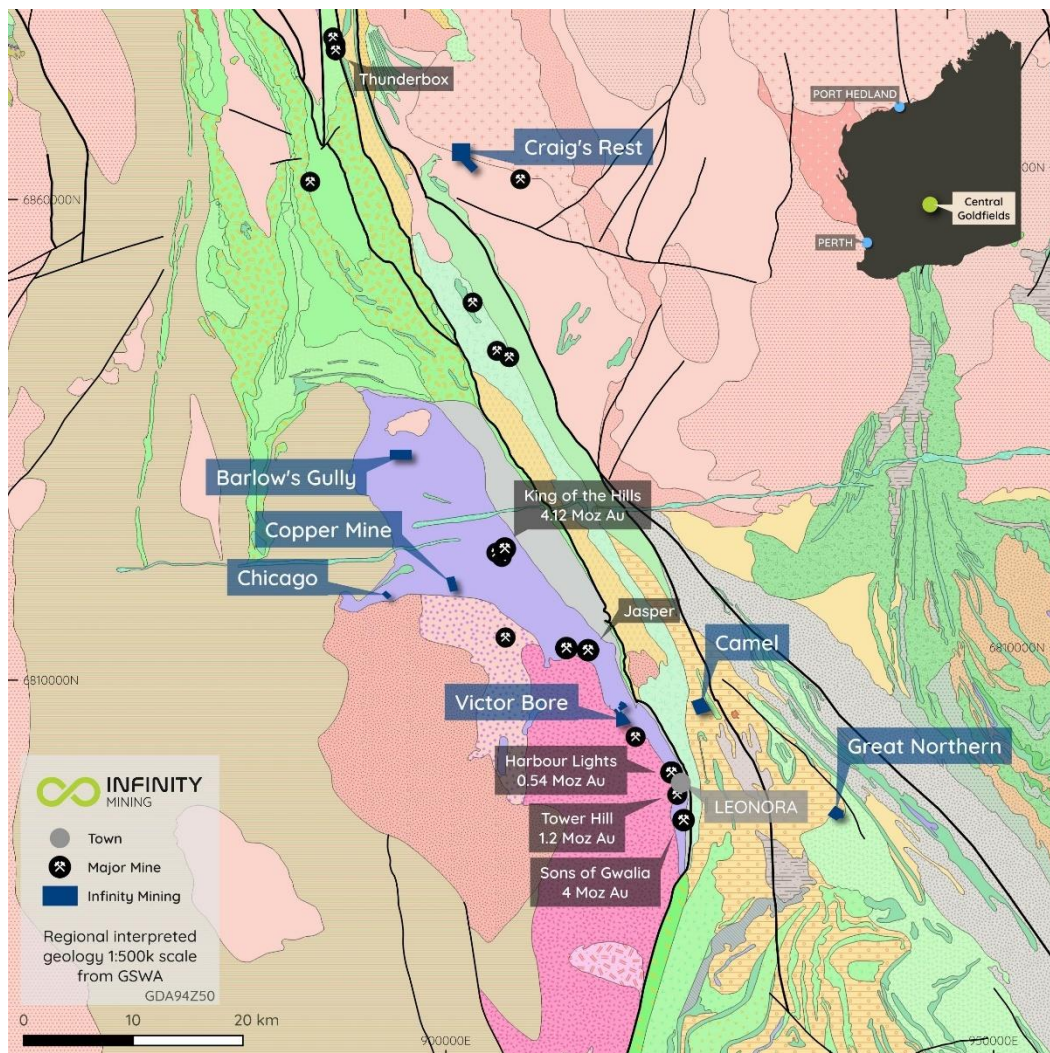


Figure 7: Regional Geology map showing Infinity's Central Goldfields Projects

Central Goldfields Maiden JORC (2012) Mineral Resource Estimate (Craig's Rest and Victor Bore)

During the March 2024 quarter, Infinity released its maiden JORC (2012) Inferred Mineral Resource Estimate (MRE) at its Central Goldfields Project for a total of 60,300 oz gold. A potential Exploration Target of up to 592,000 oz gold was also estimated.

The MRE has been compiled from RC drilling completed by Infinity in 2023 and historical drilling at the Craig's Rest and Victor Bore Prospects. The MRE details are shown below using a cut-off at 0.5 g/t Au (see **Table 1**). Details of the Mineral Resource estimate are outlined in [ASX Announcements dated 19 January 2024](#) and [8 February 2024](#).

Table 1: Central Goldfields JORC (2012) Mineral Resource Estimate by Prospect

Cutoff	Craig's Rest			Victor Bore			Total		
	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces
0.5	1,096,000	1.38	48,600	234,000	1.56	11,700	1,330,000	1.41	60,300

Interpretations were conducted in cross-section at Craig's Rest and Victor Bore, based on the identification of pre-existing structural interpretations. The drill intersections were aligned with surface outcrops and historical workings for orientations. The minimum lode width intersection was 2m downhole and lode ends were extended approximately 5m. Lode numbers are based on the string and wireframe numbering and entered into the block model in the same format. The interpretations include:

- Craig's Rest (**Figure 8**): 3 interpretation areas known as Garden Well (2 lodes), Craigs (6 lodes) and Katalina (1 lode). Craigs and Katalina were combined into a separate block model to Garden Well.
- Victor Bore (**Figure 9**): 2 lodes.

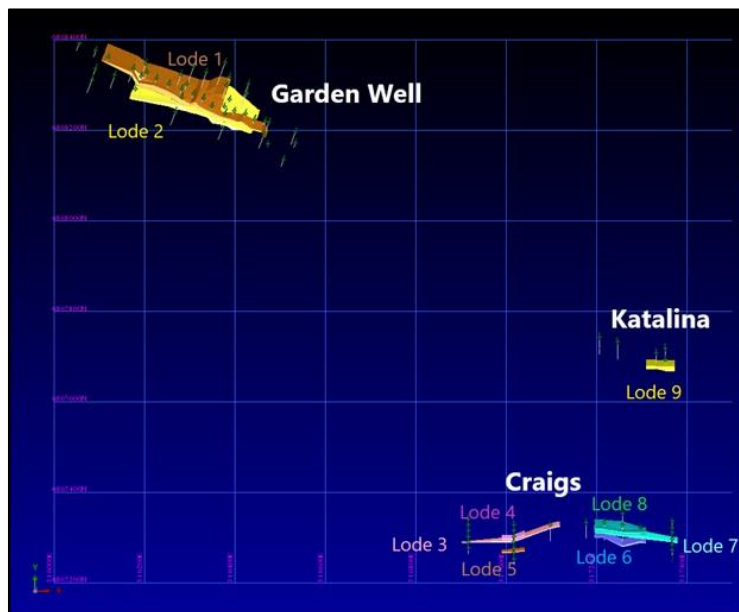


Figure 8: Craigs Rest interpreted lodes, corresponding wireframe and string numbers

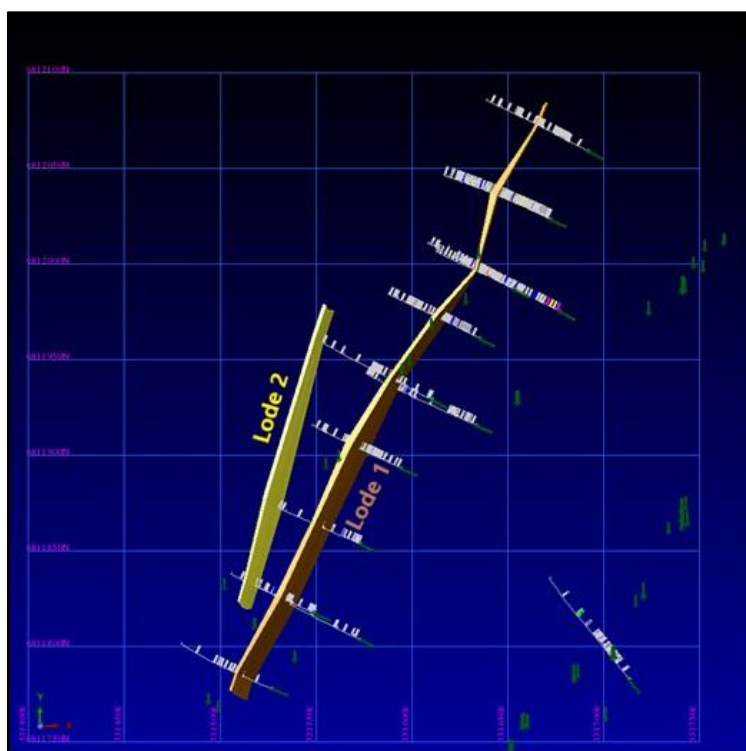


Figure 9: Victor Bore interpreted lodes, corresponding wireframe and string numbers

To assist with planning and provide an understanding of potential gold mineralisation across the Central Goldfields Project, IMI also commissioned an Exploration Target Estimate (see **Table 2**). The results are extremely encouraging with up to 592,000 oz @ 3.7 g/t potentially discoverable across the project. Details are outlined in [ASX Announcements dated 19 January 2024](#) and [8 February 2024](#).

Table 2: Central Goldfields – Exploration Target Estimate

	Min Range			Max Range		
	Million Tonnes	Au (g/t)	Thousand Ounces	Million Tonnes	Au (g/t)	Thousand Ounces
Surface Extensions	1.35	1.2	49.5	4.07	2.1	264.0
Below current resources	0.38	5.7	67.1	1.08	9.8	328.0
Total	1.73	2.2	116.6	5.15	3.7	592.0

The potential quantity and grade of this exploration target is conceptual in nature, there is currently insufficient exploration completed to support a mineral resource of this size and it is uncertain whether continued exploration will result in the estimation of a JORC resource. The Exploration Target has been prepared in accordance with the JORC Code (2012).

JORC (2012) Mineral Resource Estimate (Great Northern)

A further 2,700 oz gold JORC (2012) Inferred Mineral Resource estimate was also released for the Great Northern Project during the quarter. Details are shown below using a cut-off at 0.5 g/t Au (see **Table 3**). Details of the Mineral Resource estimate are outlined in [ASX Announcements dated 8 February](#) and [29 February 2024](#).

Table 3: Great Northern JORC (2012) Mineral Resource Estimate

Classification	Cut-off (g/t)	Tonnes	Au (g/t)	Ounces
Inferred	0.5	57,000	1.47	2,700

The Great Northern interpretation comprises of 2 lodes to a maximum 110m in strike length and oriented in towards 300°. The northwest appears to be truncated and undefined in current drilling past this point. To the southeast the lode is open although only one drill hole exists on the final section of anomalous grades. The orebody is open at depth. A 3D image of the Great Northern interpreted lodes and corresponding wireframe is included below on **Figure 10**.

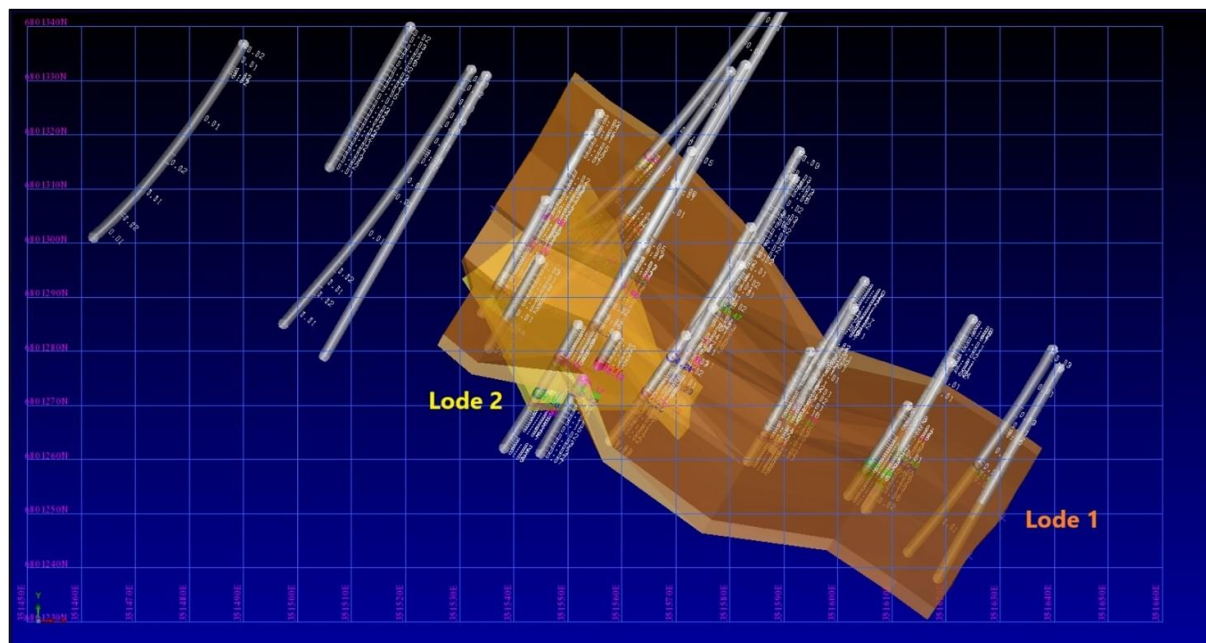


Figure 10: Great Northern interpreted lodes and corresponding wireframe

JORC (2012) Mineral Resource Total – Central Goldfields

Combining the Inferred JORC (2012) Mineral Resource estimates for Craig's Rest, Victor Bore and Great Northern, this takes the total to 63,000 oz gold for the 3 projects in the Central Goldfields (see **Table 4**).

Table 4: Central Goldfields JORC (2012) Inferred Mineral Resource Estimates

	Cutoff (g/t)	Tonnes	Au (g/t)	Ounces
Great Northern	0.5	57,000	1.47	2,700
Craigs Rest	0.5	1,096,000	1.38	48,600
Victor Bore	0.5	234,000	1.56	11,700
Total		1,387,000		63,000

Infinity considers the inferred resources defined to date to have future mining potential in that:

- the mineralisation is exposed on the surface,
- is of sufficient width and grade for open pit mining, and
- having a probable free dig component from near surface weathering.

Forward Plan

IMI continues to re-focus and plan high-value generative steps for lithium discoveries in the world-class Pilbara Lithium Province. Simultaneously, the company is actively undertaking negotiations with third parties regarding the sale or partnerships of non-core assets, including the Central Goldfields Project. Any resultant transactions, if they occur, may provide the Company with further funds to expedite lithium-related activities. The Company remains committed to transparency, and in accordance with its continuous disclosure obligations, will promptly inform the market of any agreements reached.

During the next Quarter of 2024 and beyond, the Company will undertake the following work programs:

Pilbara Projects

- Further interpretation of the ANT survey and RC drilling results from Woody (Tambourah South).
- Implement the planned two-hole diamond drilling program at Woody (Tambourah South) utilising Govt (EIS) co-funding program.
- Follow-up drilling results and anomalous Nickel returned from EM targets at Hillside.
- Detailed ground follow-up of new Lithium targets at Hillside and Tambourah North.
- Implement the planned drilling program for Brisbane Nickel Prospect (Panorama Project) utilising Govt (EIS) co-funding program.
- Review and interpret all survey results and plan a detailed exploration program for the next 12 months.

Central Goldfields Projects

- Refine the planned future exploration programs including additional RC drilling, which will test a number of targets for shear-hosted gold mineralisation.
- Actively seek suitable third parties regarding the sale or JV partnership, for the Central Goldfields Project.

Corporate

As at 31 March 2024, the Company's cash balance was \$228,655.

The Company's major cashflow movements for the quarter ended 31 March 2024 included:

- Exploration and Evaluation expenditure - \$ 156,844 (previous quarter ~\$1.9m); and
- Employee, administration and corporate costs - \$391,742 (previous quarter ~\$1.4 m).

Payments to related parties of the entity and their associates

In the 31 March 2024 Appendix 5B, the figures of \$24,185 and \$50,000 as disclosed in sections 6.1 and 6.2 represent the average fees and payments made to Macarthur Minerals Limited (an entity with common directors) and Zanil Pty Ltd (an entity controlled by director Joe Groot). These transactions are incurred in accordance with the Shared Services Agreements. These transactions include payments for exploration and evaluation services provided to the company, including staff and contractor costs associated with geological mapping soil sampling, vehicle hiring fees, travel to tenement sites and rehabilitation and construction of washed-out vehicle tracks on tenement sites. The cash transactions are reflected in Cashflows from operating activities, as well as, cash flows from investing activities.

Resignation and Appointment of CFO

On 31 January 2024, Matthew Free departed his role as CFO at IMI. Following his resignation, Cassie Cardoso assumed the position of CFO effective from 1 February 2024.

Interests in Mining Tenements

In accordance with Listing Rule 5.3.3, Infinity provides the following information in relation to its tenements as at 30 April 2024:

Mining Tenement	Status	Location	Beneficial Percentage held	Area km ²	Interest acquired/farm-in or disposed/farm-out during the quarter
E37/1442	Live	CRAIG'S REST	100%	2.65	No change
E45/4685	Live	HILLSIDE	100%	19.08	No change.
E45/4708	Live	HILLSIDE	100%	50.91	Partial surrender of 11 blocks (35.07 km ²)
E45/4709	Live	HILLSIDE	100%	41.41	Partial surrender of 9 blocks (28.70 km ²)
E45/4732	Live	PANORAMA	100%	82.99	Partial surrender of 17 blocks (54.20 km ²)
E45/4735*	Live	STRELLEY GORGE	Non-iron ore mineral rights	11.17	No change
E45/4764	Live	PANORAMA	100%	12.76	No change
E45/4779	Live	PANORAMA	100%	63.43	Partial surrender of 13 blocks (41.45 km ²)
E45/4824	Live	HILLSIDE	100%	124.16	Partial surrender of 26 blocks (82.90 km ²)
E45/4848	Live	WOODY	100%	3.18	No change
E45/5324*	Live	TAMBOURAH NORTH	Non-iron ore mineral rights	12.74	No change
E45/5720~	Live	TAMBOURAH	100%	9.55	No change
E45/5847~	Live	COOLYIA	100%	35.06	No change
E45/6237~	Pending	CLELAND	100% (tenement application)	51.08	Acquired from TasEx.

E45/6281	Live	PANORAMA	100%	111.75	Acquired from TasEx. Tenement granted.
E 45/6471`	Live	HILLSIDE	100%	15.91	Acquired from Hawker Geological. Tenement granted.
E45/6493	Pending	DE GREY	100% (tenement application)	6.37	Tenement Application
E45/6494	Pending	DE GREY	100% (tenement application)	9.55	Tenement Application
E45/6495	Pending	DE GREY	100% (tenement application)	25.46	Tenement Application
E46/1373~	Live	COOKES CREEK	100%	54.13	No change
E46/1492	Live	COOKES CREEK	100%	6.37	Tenement Granted
M37/1349	Live	VICTOR WELL	100%	0.15	No change
M37/1359	Pending	BARLOW'S GULLY	P37/8278 conversion to Mining Lease	2.00	No change
M37/1360	Pending	GREAT NORTHERN WORKINGS	P37/8310 conversion to Mining Lease	1.34	No change
M37/1367	Pending	CAMEL	P37/8325 conversion to Mining Lease	1.90	No change
M37/1368	Pending	VICTOR WELL	P37/8376 conversion to Mining Lease	1.81	No change
M37/1377	Pending	CRAIG'S REST	P37/8468 conversion to Mining Lease	1.38	No change
M37/983	Live	CHICAGO	100%	0.38	No change
P37/8278^	Live	BARLOW'S GULLY	100%	2.00	No change
P37/8310^	Live	GREAT NORTHERN WORKINGS	100%	1.34	No change
P37/8325^	Live	CAMEL	100%	1.90	No change
P37/8376^	Live	VICTOR WELL	100%	1.81	No change
P37/8468^	Live	CRAIG'S REST	100%	1.38	No change

E45/6281	Live	PANORAMA	100%	111.75	Acquired from TasEx. Tenement granted.
E 45/6471`	Live	HILLSIDE	100%	15.91	Acquired from Hawker Geological. Tenement granted.
E45/6493	Pending	DE GREY	100% (tenement application)	6.37	Tenement Application
E45/6494	Pending	DE GREY	100% (tenement application)	9.55	Tenement Application
P37/8571	Live	SPECKING PATCH	0%	0	Expired 6 Dec 2023.
P37/9162		COPPERMINE	100%	1.11	No change

^Application submitted for conversion to Mining Lease

~ Infinity acquired tenements under a Sale Purchase Agreement (SPA) with TasEx Geological Services Pty Ltd dated 22 November 2022, which includes 100% interest in tenements E45/5847, E46/1373, E45/5720 and tenement applications E45/6237 and E45/6281

` Infinity acquired tenements under a Sale Purchase Agreement (SPA) with Hawker Geological Services Pty Ltd dated 26 October 2023, which includes 100% interest in tenement E45/6471.

*Tenements owned by a third-party Macarthur Iron Ore Pty Ltd ACN 081 705 651 (MIO). Infinity Mining holds rights to explore for, extract and sell all minerals, including gold, lithium and nickel, from the MIO Tenements other than iron ore (Non – Iron Ore Rights) pursuant to a Tenement Sale and Non-Iron Ore Rights Agreement dated 11 August 2021.

On behalf of the Board of Directors, Mr Joe Phillips, Executive Chairman

For more information please contact:

Joe Phillips

Executive Chairman

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Competent Persons Statement

The information contained in this report that relates to the Exploration Results, Mineral Resource Estimate and Exploration Target Estimate is based on information compiled by Mr Andrew Hawker, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Hawker is a Geological Consultant for Infinity Mining and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken to qualify as Competent Person as defined in the 2012 Edition of the Australasian JORC Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hawker consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Company Profile

Infinity Mining Limited holds 100% interest in over 660 km² of tenements in the East Pilbara as well as 22 km² in the Central Goldfields regions of Western Australia. These tenements are located in highly prospective Lithium, Nickel, Copper and Gold terranes. The Company's business strategy is an increasing focus on lithium exploration on its highly prospective Pilbara tenements.

Caution Regarding Forward Looking Statements

Certain of the statements made and information contained in this press release may constitute forward-looking information and forward-looking statements (collectively, "forward-looking statements") within the meaning of applicable securities laws. All statements herein, other than statements of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future, including but not limited to statements regarding exploration results and Mineral Resource estimates or the eventual mining of any of the projects, are forward-looking statements. The forward-looking statements in this press release reflect the current expectations, assumptions or beliefs of the Company based upon information currently available to the Company. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and no assurance can be given that these expectations will prove to be correct as actual results or developments may differ materially from those projected in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include but are not limited to: unforeseen technology changes that results in a reduction in copper, nickel or gold demand or substitution by other metals or materials; the discovery of new large low cost deposits of copper, nickel or gold; the general level of global economic activity; failure to proceed with exploration programmes or determination of Mineral resources; inability to demonstrate economic viability of Mineral Resources; and failure to obtain mining approvals. Readers are cautioned not to place undue reliance on forward-looking statements due to the inherent uncertainty thereof. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. The forward-looking statements contained in this press release are made as of the date of this press release and except as may otherwise be required pursuant to applicable laws, the Company does not assume any obligation to update or revise these forward-looking statements, whether as a result of new information, future events or otherwise.