



QUARTERLY ACTIVITIES REPORT

FOR THE QUARTER ENDED 31 MARCH 2025

Prospect Resources Ltd (ASX: PSC, FRA:5E8) (**Prospect** or **the Company**) is pleased to report on its activities undertaken during the March 2025 quarter.

Highlights

Mumbezhi Copper Project, Zambia

- Maiden Mineral Resource estimate (**MRE**) declared for Mumbezhi, consisting of **107.2 Mt** at an average grade of **0.5% Cu for 515 kt** total contained copper (0.2% Cu cut-off grade).
 - Initial declaration limited to Nyungu Central and Kabikupa deposits; tenor of mineralisation equivalent to world-class operating copper mines in the region.
 - Includes higher-grade component of **69 Mt at 0.53% Cu** from Nyungu Central (43% Indicated category) and **18 Mt at 0.57% Cu** from Kabikupa (both at 0.3% Cu cut-off grade).
- Updated Exploration Target for Mumbezhi declared at **420Mt to 1,050Mt at 0.4 to 0.6% Cu** (inclusive of the maiden MRE).
- Final Phase 1 diamond drilling assays returned for Nyungu Central, outlining thick, high-tenor intersections of copper mineralisation open down plunge to the north:
 - **30.0m @ 0.79% Cu from 187m and 34.5m @ 0.85% Cu from 384m (NCMT002)**
 - **73.0m @ 0.46% Cu from 263m, incl. 20.5m @ 0.53% from 298m (NYDD055)**
 - **18.9m @ 0.75% Cu from 81.0m, incl. 9.52m @ 1.13% Cu from 90.4m (NCRD011)**
 - **13.0m @ 0.62% Cu from 294m (NCRD023)**
 - **12.1m @ 0.63% Cu from 96.4m (NCRD022)**
- Results demonstrate down dip extensions of sulphide mineralisation at Nyungu Central and increase the deposit's strike length to approx. 1.4km, plunging northward.
- Phase 1 drilling of the regional Kabikupa Prospect (5 diamond holes for 1,104m) returned impressive intercepts of copper sulphide mineralisation over 820m of strike.
- Results significantly extend the high-grade copper mineralisation footprint identified a decade ago and now validated by Prospect (in aggregate these results total approximately 3,000m of drilling):¹
 - **31.4m @ 0.60% Cu from 118m, incl. 10.5m @ 1.05% Cu from 129m (KKDD002)**
 - **29.0m @ 0.50% Cu from 106m, incl. 8.0m @ 0.77% Cu from 126m (KKDD005)**
 - **15.0m @ 0.69% Cu from 171m, incl. 6.0m @ 1.09% Cu from 179m (KKDD004)**
 - **27.0m @ 0.83% Cu from 92m, incl. 10.0m @ 1.76% Cu from 108m (KBDD001)¹**
 - **20.4m @ 0.67% Cu from 151m (KBDD004)¹**
- Nyungu Central and Kabikupa hold strong potential to define substantial further copper resources and to further upgrade existing resource classifications.

¹ See Argonaut Resources NL ASX Announcements dated 19 November 2014, 21 May 2015 and 16 September 2015

- Extensive regional exploration upside exists across Mumbeszi, particularly in the rapidly emerging 16km Nyungu 'Corridor' extending to the north of Nyungu South and encompassing Nyungu Central.
- Mumbeszi Environmental and Social Impact Assessment (**ESIA**) approved by Zambia Environmental Management Agency.
- Two large-scale Mining Licences (**LML**) covering the entirety of the Mumbeszi Copper Project granted on 31st March 2025.
- Low-cost acquisition and evaluation of historical geophysical Induced Polarisation (**IP**) survey data (34 km², Anglo American) over Nyungu 'Corridor' and West Mwombeszi prospect.
 - Excellent correlation between historic chargeable IP data over the flagship Nyungu Central deposit and mineralisation drilled by Prospect during Phase 1, reaffirming IP as a very effective exploration targeting technique in this region.
 - Robust correlation between historical chargeable IP data and 2024 Prospect IP programmes at Nyungu Central northwards within the northern strike corridor.
- Termite hill sampling over a chargeable IP anomaly at **Nyungu South** defined a new 400m x 400m bullseye geochemical anomaly with no historical drilling.
 - Clear scale potential and multi-factor prospectivity establish it as a high priority target for upcoming drilling.
- Key geochemical and IP anomaly targets across the Nyungu 'Corridor' (including Nyungu North and West Mwombeszi), and at Nyungu South and Kabikupa, to be drilled as part of Prospect's Phase 2 drilling programme, which is scheduled to commence in Q2 2025.

Corporate

- Prospect well-funded to accelerate exploration and advancement of Mumbeszi with a robust cash balance of A\$6.5 million cash and zero debt as at 31 March 2025
- Subsequent to end of quarter, Prospect entered into a placement subscription agreement with established global copper miner, First Quantum Minerals Ltd (**First Quantum**) (TSX: FM, LSE: 0P6E), to raise approx. A\$15.2 million in new equity proceeds.
- First Quantum to be a 15% cornerstone shareholder in Prospect and assist with future exploration of Mumbeszi as a key technical partner.

Prospect Managing Director and CEO, Sam Hosack, commented:

"It has been an excellent start to 2025 with the completion of several key milestones for our Mumbeszi Copper Project. Building on the excellent results we produced with our Phase 1 drilling programme, we have declared a maiden JORC-reportable MRE totalling 515 kt contained copper. This is a great start given that it comprises just two of the deposits at Mumbeszi, Nyungu Central and Kabikupa, both of which also continue to offer outstanding resource growth potential in their own right."

"We have established the efficacy of a multi-disciplinary exploration approach incorporating termite hill geochemical sampling and IP geophysical workstreams which have to date produced new, highly prospective drill targets at Nyungu South, Nyungu North and West Mwombeszi. These targets are slated for testing, along with extensions to Nyungu Central and Kabikupa, in the upcoming Phase 2 drilling programme, which is scheduled to commence later in the June 2025 quarter."

"We are also delighted that both the ESIA and approval for both LML applications for Mumbeszi were received during the quarter, reflecting Prospect's growing ties in Zambia and with local stakeholders. Prospect now holds the highest level of licence tenor available to support a future mining and processing operation at Mumbeszi."

"Our conviction in the Mumbeszi asset has now been further validated with the completion of a A\$15.2 million strategic investment by First Quantum Minerals subsequent to the end of the March 2025 quarter."

We are delighted to welcome First Quantum as a 15% cornerstone shareholder in Prospect and as a key technical partner in future exploration programmes at Mumbhezhi.

“Our immediate next steps for Q2 2025 are to swiftly and effectively grow the existing MRE with the commencement of Phase 2 drilling. With this additional funding secured, and First Quantum participating in technical workstream collaboration, we are strategically placed to unlock new copper discoveries and to continue creating value at this emerging world-class copper asset.”

Project Development

Mumbhezhi Copper-Cobalt Project (Zambia); 85% PSC

Maiden Mineral Resource estimate declared for Mumbhezhi

On 11 March 2025, Prospect released a maiden JORC-reportable MRE for the Mumbhezhi Copper Project. This initial resource is limited to the Nyungu Central and Kabikupa deposits, which were the subject of Prospect’s recently completed Phase 1 drilling programme.

The MRE totals 107.2 million tonnes (**Mt**) at an average grade of 0.5% Cu across the Nyungu Central and Kabikupa deposits (at a cut-off grade of 0.2% Cu). It includes a higher-grade component (at a 0.3% Cu cut-off) of 69 Mt at 0.53% Cu for Nyungu Central (with 43% being classified as Indicated) and 18 Mt at 0.57% Cu for Kabikupa (all classified as Inferred).

The copper grades defined in this resource are equivalent to world-class operating mines in the region.

Table 1: Mumbhezhi Copper Project Mineral Resource at 0.2% Cu cut-off grade

Deposit	Resource Classification	Tonnes (millions)*	Copper (%)*	Tonnes Contained Cu*
Nyungu Central	Indicated	37.5	0.5	178,100
	Inferred	49.2	0.5	228,700
Kabikupa	Inferred	20.5	0.5	107,800
	TOTAL	107.2	0.5	514,600

* Rounding has been applied

Cobalt and gold were also estimated in the Nyungu Central MRE model; however, they have not been classified as JORC-reportable at present owing to inconsistent assaying of cobalt historically, and limited assaying for gold more broadly within the deposit.

Additionally, no comprehensive metallurgical test work has been conducted to ascertain processing or potential recoveries of cobalt or gold as by-products to date, but this met work is currently underway.

The Grade-Tonnage curve analysis of the Nyungu Central and Kabikupa copper Mineral Resources below highlights the robustness of grade continuity with a reduction in tonnes and increase in copper grade with increasing cut-off. Figure 1 shows the global Mineral Resource Grade-Tonnage relationship for the Nyungu Central MRE and Figure 2 shows the global Mineral Resource Grade-Tonnage relationship of the Kabikupa MRE.

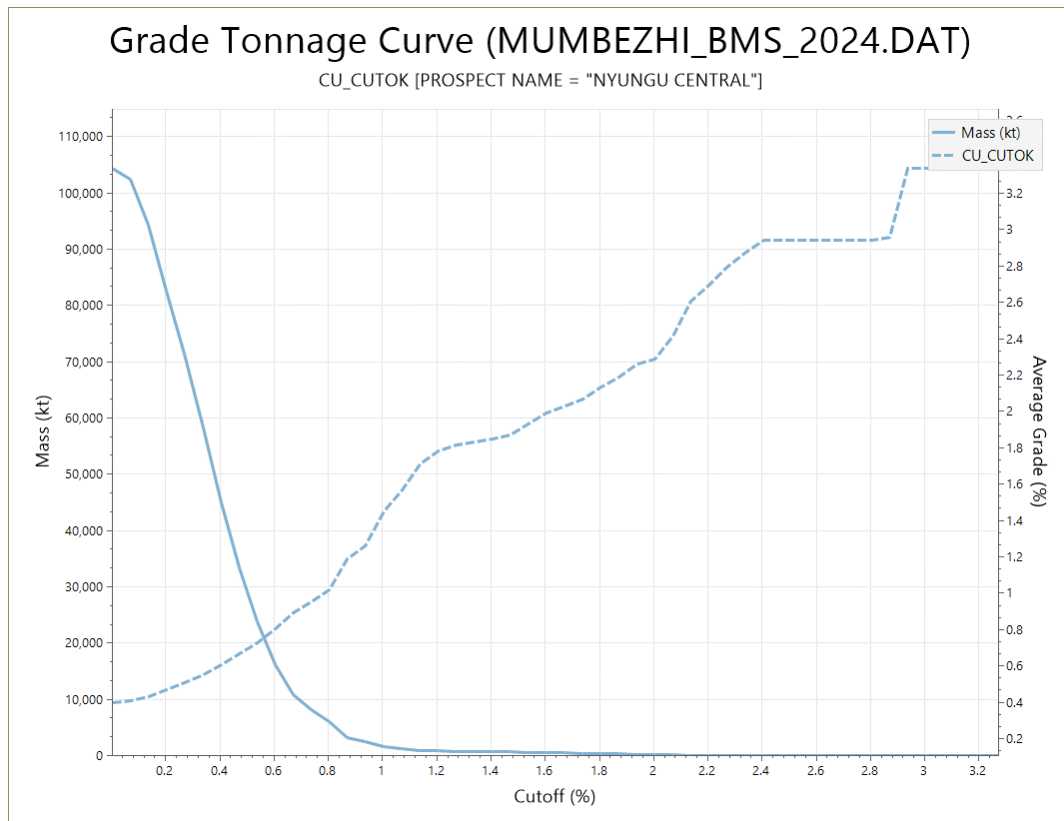


Figure 1. Grade-Tonnage relationship of Nyungu Central MRE

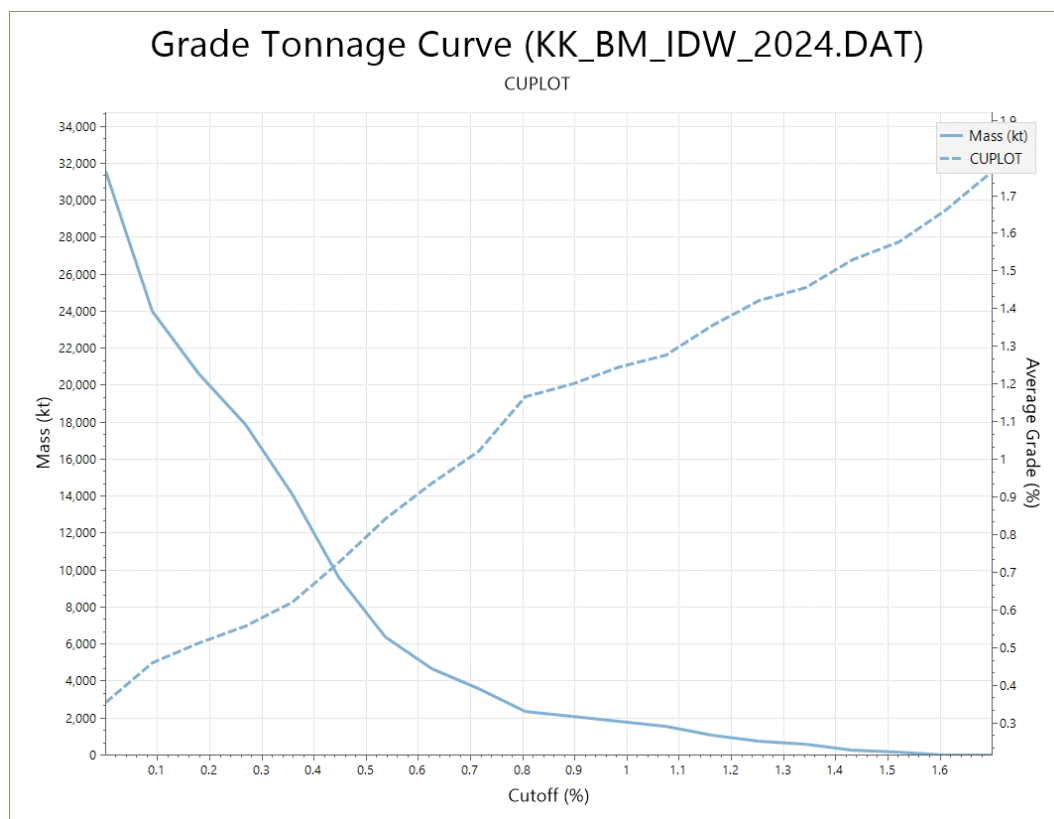


Figure 2. Grade-Tonnage relationship of Kabikupa MRE

Mumbezhi Project Exploration Target

As part of the release of the Mumbezhi MRE, Prospect also declared an updated Exploration Target for Mumbezhi of **420Mt to 1,050Mt at 0.4 to 0.6% Cu** (inclusive of the maiden MRE).

The updated Exploration Target is based on the current geological understanding of the copper mineralisation and endowment at Mumbezhi, supported by over 30,000 metres of resource development and exploratory scout drilling, of which approximately 9,520 metres were completed by Prospect during the Phase 1 drilling programme. The updated Exploration Target also incorporates data from ground-based geophysical IP surveys and follow-up surface geochemistry (via termite hill sampling) undertaken in the second half of 2024 (see Prospect ASX Announcements 4 November 2024 and 11 December 2024).

In addition, historical IP survey data collected in 2000-01 by Anglo American and purchased by Prospect from Orpheus Uranium, as part of the Mumbezhi Project acquisition (see Prospect ASX Announcement 7 May 2024), was unlocked, georeferenced and re-interpreted by GeoFocus geophysical consultants. This work covered some ~34km² of the current Mumbezhi licence holdings and therefore, a significantly larger areal region than Prospect's recent more detailed IP surveys (21km²).

Table 2 outlines individual Exploration Targets by prospect area on the Mumbezhi licence and are reported inclusive of the recent MRE for the Nyungu Central and Kabikupa deposits. The Exploration Targets with the widest range between Lower tonnes and Upper tonnes reflect the much lower amount of drilling data available for these prospects, and the more conceptual the targets located there are.

Table 2: Mumbezhi Copper Project Exploration Target

Exploration Target	Range Lower (million tonnes)	Range Upper (million tonnes)	Lower Grade Range (Cu%)	Upper Grade Range (Cu%)
Nyungu Central*	170	350	0.5	0.6
Nyungu North	120	350	0.4	0.6
Kabikupa**	30	80	0.5	0.6
West Mwombezhi	100	270	0.4	0.7
Total	420	1050	0.4	0.6

** Inclusive of Nyungu Central MRE*

*** Inclusive of Kabikupa MRE*

Cautionary Statement: The potential quantity and grade of the Exploration Target is conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource in the area considered an Exploration Target (except where noted) and it is uncertain if further exploration will result in the estimation of additional Mineral Resources. The Exploration Target has been prepared and reported in accordance with the 2012 edition of the JORC Code.

This Exploration Target provided an assessment of the potential scale of the Mumbezhi Copper Project mineralisation beyond the existing MRE (except where noted for Nyungu Central and Kabikupa) and of the work programmes needed to convert this Target into at least an Inferred Mineral Resource estimate in the future.

For further details, figures and tables, refer to Prospect ASX Announcement dated 11 March 2025.

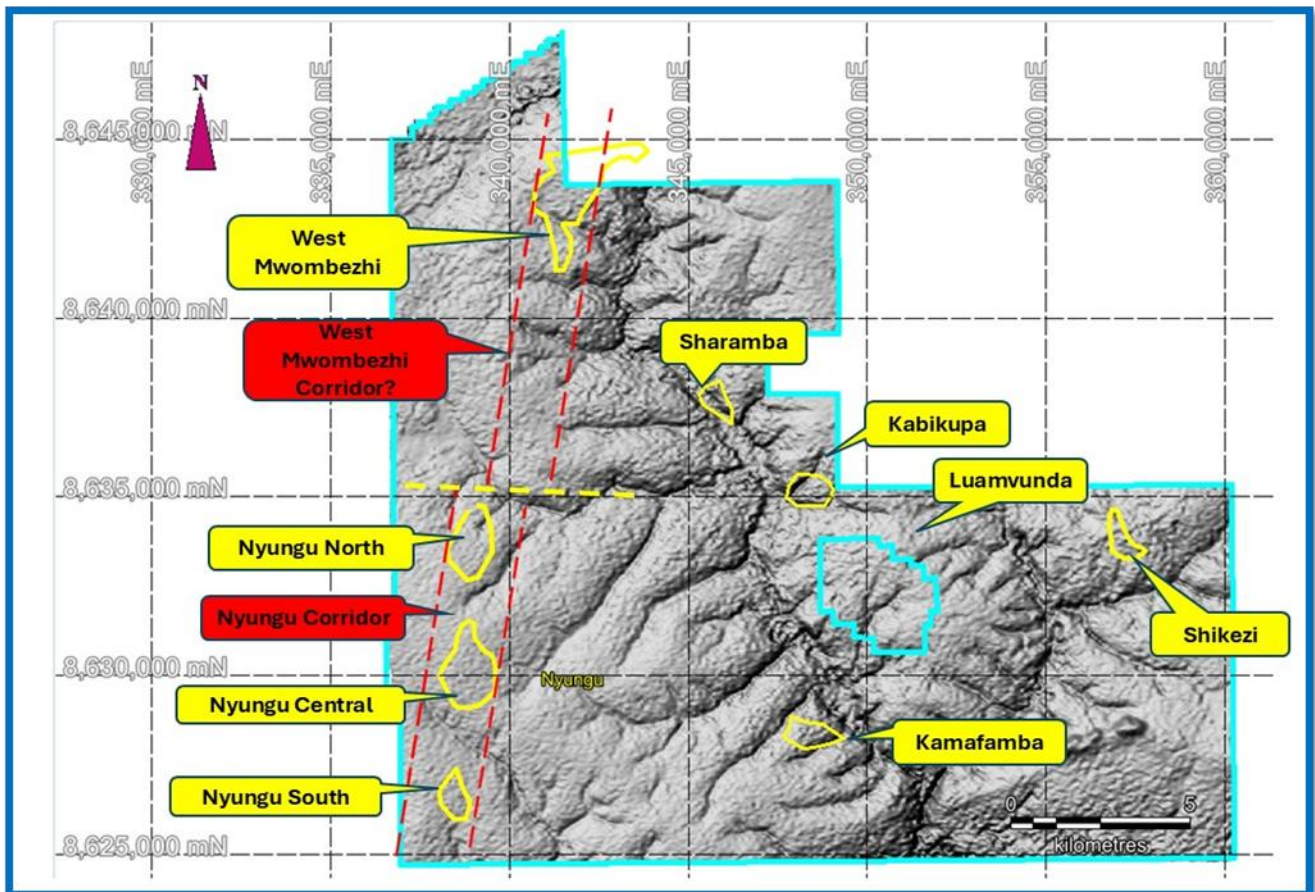


Figure 3. Mumbezhi Copper Project licence outline (blue) showing location of main Prospects against greyscale topographical imagery

Final results received from Phase 1 drilling programme

Prospect's Phase 1 drilling programme was completed in December 2024 and comprised 47 mixed RC and diamond drill holes for a total of 9,516 metres. This programme principally covered the Nyungu Central deposit, however it also incorporated five exploratory diamond holes for 1,104m at the regional Kabikupa prospect, located approximately 11km to the northeast of Nyungu Central.

Phase 1 drilling at Nyungu Central targeted all regions of the pre-existing footprint of this large deposit, clearly outlining the depth and strike potential of the mineralised zones trending to the northeast within the developing Nyungu "Corridor", which currently extends some 16km from Nyungu South (4km south of Nyungu Central) to West Mwombezhi (12km north of Nyungu Central), at opposite ends of the licence.

The interpreted mineralisation from the drilling has been strongly supported by ground IP geophysics and surface geochemical sampling also conducted in H2 2024.

During the March 2025 quarter, Prospect released all remaining assay results from the Phase 1 drilling programme, which included the final 14 holes outstanding from Nyungu Central and five holes from Kabikupa.

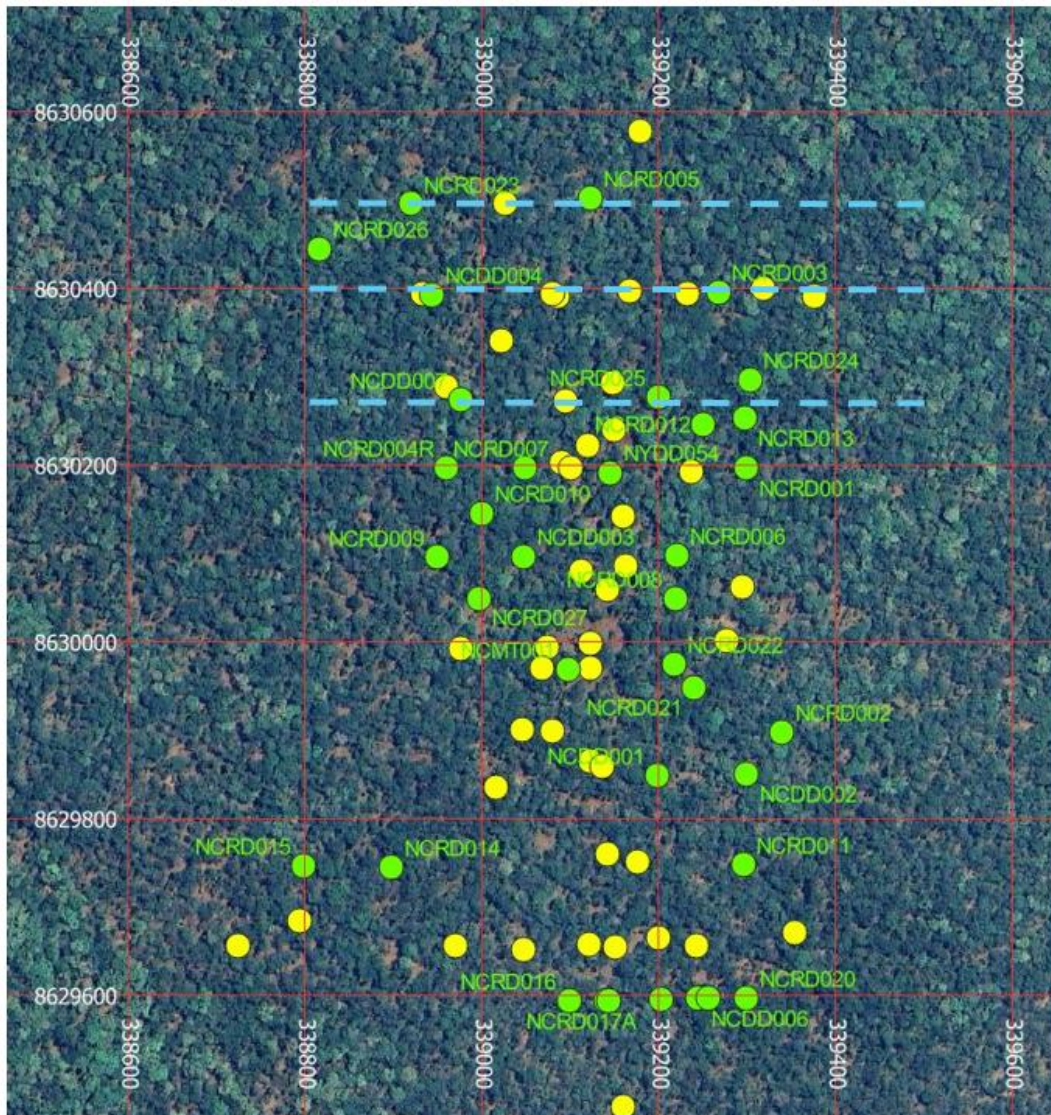


Figure 4. Nyungu Central drill hole collar plan showing Phase 1 drill holes (green), historical holes (yellow) and drilling sections described in this release (dashed blue lines)

Nyungu Central

The most significant new drilling intersections from the final holes completed at Nyungu Central in 2024, came from **NCMT002**. This hole was primarily planned for metallurgical test work studies but then deepened to 443m to target down plunge extensions of an interpreted mineralised zone.

The hole intersected a 30m wide section grading 0.79% Cu in sulphide-rich mineralisation in fresh rock as anticipated for the met test work materials, but then a spectacular intercept of **34.5m @ 0.85% Cu** from **384m** downhole, with exceptionally consistent copper grades (Figure 5).

The deep intersection represents a tabular thrust sheet. Drill core observations indicate that this mineralised zone is within an “ore schist” that is boudinaged – that is, the zone pinches and swells – as part of the structural emplacement.

Based on the deeper drilling conducted by Prospect at the northern end of Nyungu Central, this deeper mineralised lode has a maximum width of approximately 50m true width, but can “pinch” to <10m, depending on where it is intersected.

This model is supported by IP survey interpretations conducted north of the current drilling (see Prospect ASX announcement dated 11 December 2024) and identified elsewhere in the Zambian Copper Belt (e.g. Barrick’s Lumwana Mine, located approximately 40km to the northeast).

As these thrust sheets are located above an intrusive gneiss dome, further repetitions of the mineralised “ore schist” are possible at depth and almost certainly along strike to the northeast. This is also supported by the recent ground-based IP surveys and follow up termite hill geochemical sampling.

The region northeast of Nyungu Central therefore offers a compelling exploration target for the upcoming Phase 2 Mumbezhi drill programme.

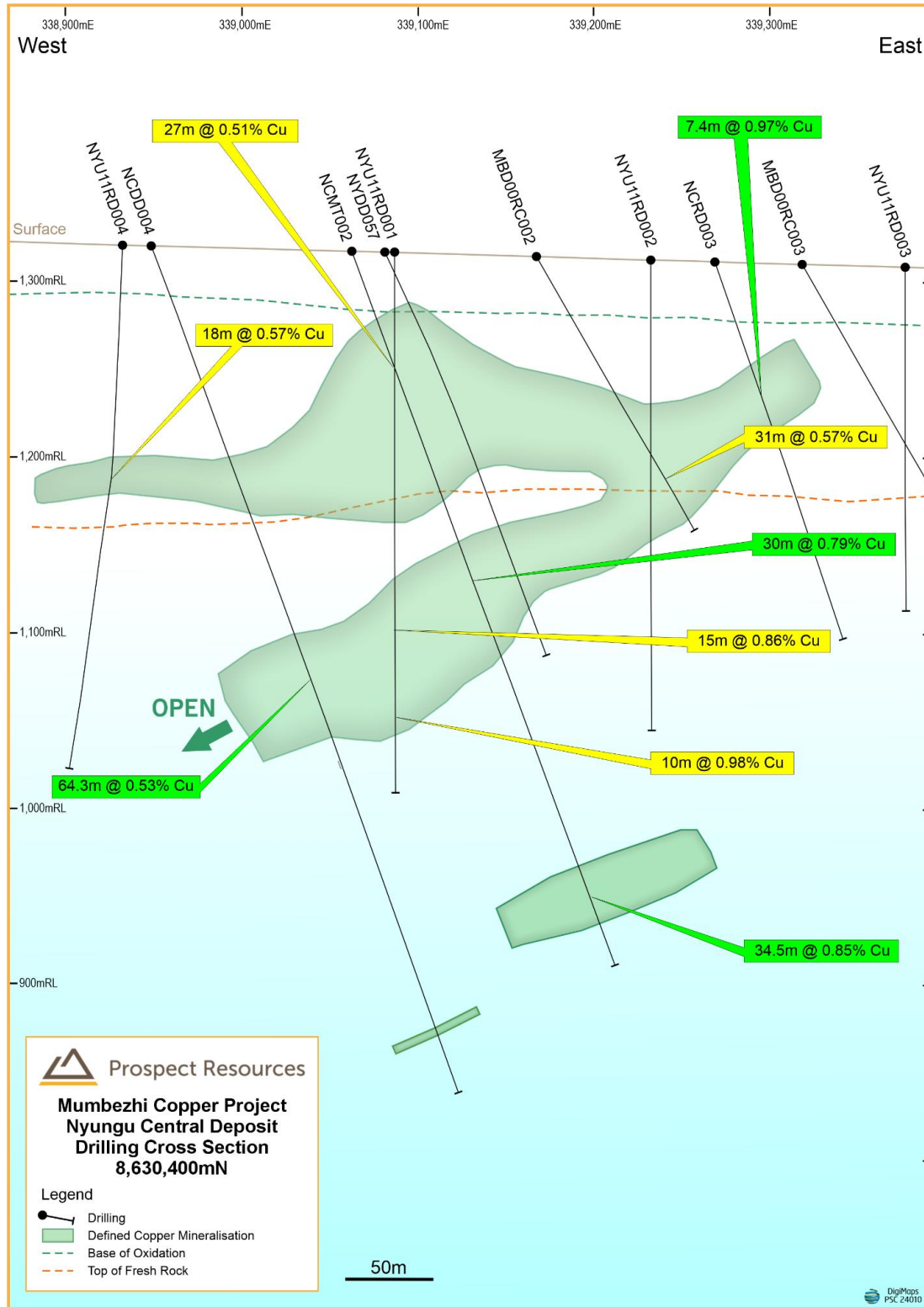


Figure 5. Drilling cross section at 8630400mN

Also located in this same mineralised corridor trending northeast at Nyungu Central, historical drill hole **NYDD055** was initially completed to a depth of 201m by Argonaut Resources NL in 2021, with Prospect releasing the initial results of the hole on 17 June 2024.

Prospect's re-interpretation of drilling on this section (at 8630250mN) indicated that an additional, deeper mineralised lode was likely present beneath NYDD055 and the old hole was subsequently re-entered to a total depth of 380m by Prospect.

The extension of the hole intersected a 73m wide mineralised zone grading 0.46% Cu, which included the following significant intervals:

- **17.2m @ 0.50% Cu from 263m;**
- **11.5m @ 0.56% Cu from 283m;**
- **20.5m @ 0.53% Cu from 299m; and**
- **10.0m @ 0.52% Cu from 326m**

Importantly, the mineralisation remains open down dip to the west (Figure 6). Moreover, the result again demonstrates the consistent northeast-trending plunge to these thick deep lodes in that region of the Nyungu Central deposit.

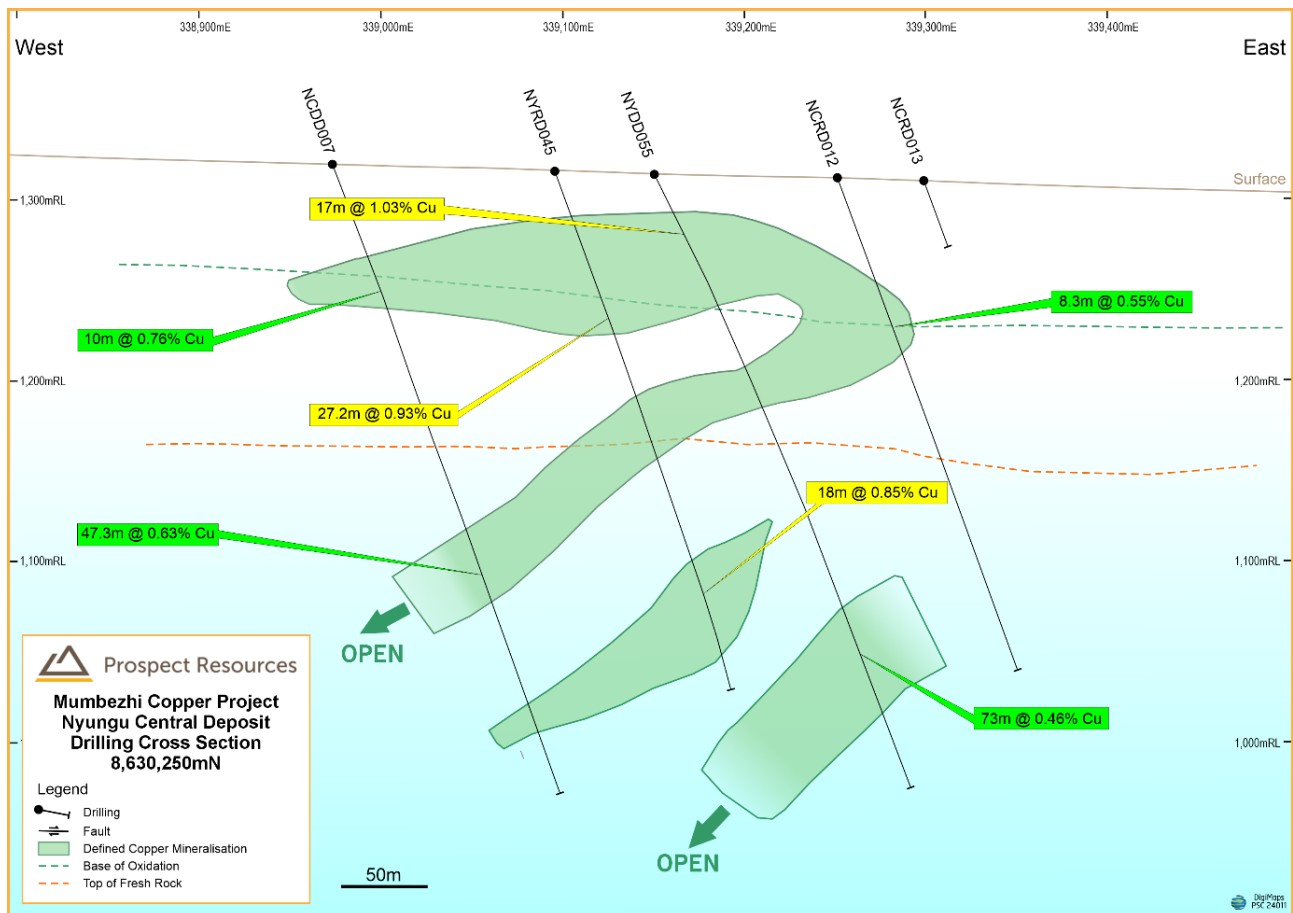


Figure 6. Drilling cross section at 8630250mN

Following the same logic northwards, Prospect then re-entered old 2021 Argonaut diamond drill hole **NYDD064**, originally completed to 300m depth (original results reported by Prospect on 17 June 2024).

This hole was tailed to a total depth of 460.5m and was again successful in identifying the deeper mineralised zone at depth where it was targeted, returning a narrower interval of **9m @ 0.44% Cu** from 421m down hole. Whilst not returning the thickness and overall copper grade targeted, the current

interpretation seems to indicate that this represents a pinching (thinning) of the mineralised “ore schist” at this location (see Figure 7).

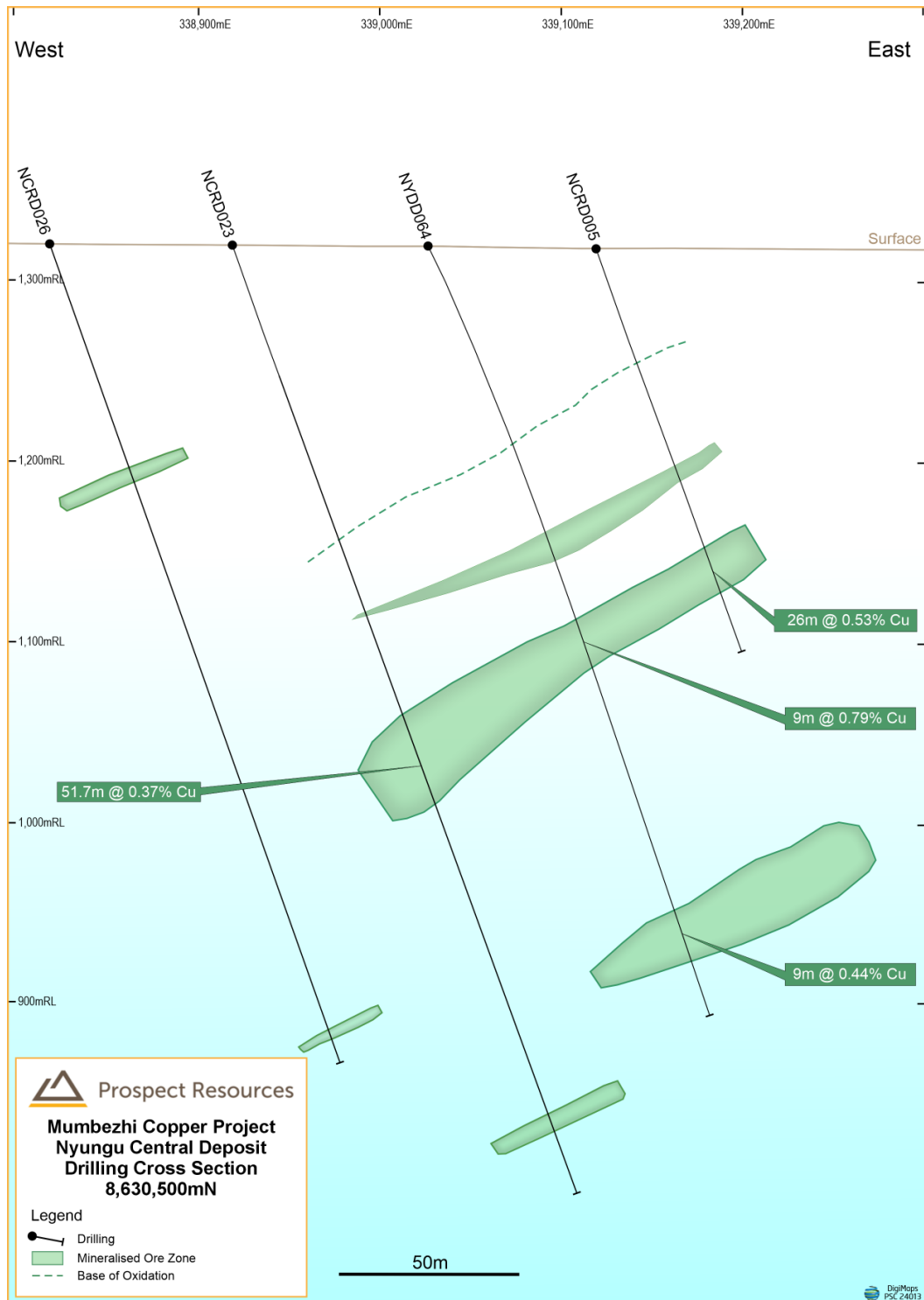


Figure 7. Drilling cross section at 8630500mN

The strength of the IP anomaly north of this section (see Prospect ASX announcement dated 26 November 2024), also strongly supports potential continuity of this mineralised zone trending northeast.

Deep drill hole **NCRD023** was drilled to the west of NYDD064 and returned 51.7m @ 0.37% Cu from 277.3m down hole, but contained a number of higher-grade intervals including:

- **10.9m @ 0.43% Cu from 277m;**

- **13.0m @ 0.62% Cu from 294m; and**
- **11.0m @ 0.50% Cu from 318m**

The hole was not significantly mineralised at depth and hence, may lie west of the main Nyungu Central structural corridor, as NCRD026 (further west) was similarly not well mineralised at depth.

Other significant intervals from the last batch of results from the Phase 1 drilling were returned from shallower holes completed at the southern end of the Nyungu Central deposit, with diamond tails being added to the initial RC pre-collars.

These included:

- NCRD011 – 18.9m @ 0.75% Cu from 81.0m (incl. 9.52m @ 1.13% from 90.4m) on section 8629750mN (transition zone);
- NCRD022 – 12.1m @ 0.53% Cu from 96.4m (transition zone); and
- NCRD010 – 6.0m @ 0.69% Cu from 66.0m (oxide zone).

Kabikupa Prospect

All assay results from the five exploratory diamond holes (for 1,104m) drilled at Kabikupa were announced on 30 January 2025. The results and consistency of the intercepts returned from this scout exploratory drilling by Prospect are considered highly encouraging and have defined regionally medium- to high-grade copper within at least two mineralised zones, dipping shallowly to the northeast and open up dip, and importantly, along strike in a direction from northwest to southeast.

The results have strongly endorsed the potential, prospectivity and scale of the Kabikupa opportunity, particularly when combined with the strong sub-surface geophysical IP chargeable response and supporting termite hill geochemical sampling, which covered approximately 1.5 km of the northwest-southeast strike (see Prospect ASX Announcement 4 November 2024).

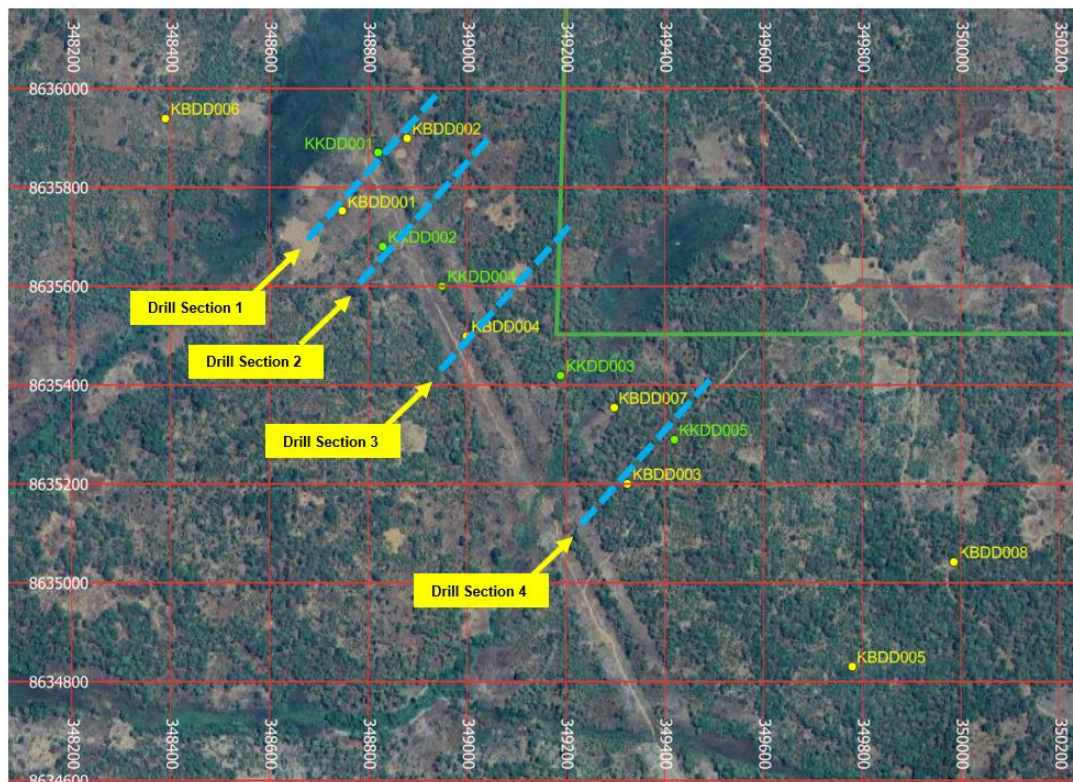


Figure 8. Kabikupa drill hole collar plan showing Phase 1 exploration drill holes (green), historical holes (yellow) and drilling sections targeted in this release (dashed blue lines)

Prospect drill hole **KKDD001** was completed 130m down dip of the high-grade, historical Argonaut Resources hole number **KBDD001**, which intersected 27m @ 0.83% Cu from 92m. The Prospect hole returned 7m @ 0.47% Cu from 181m (see Figure 9 showing Drill Section 1). Weaker mineralisation was returned from the lower zone.

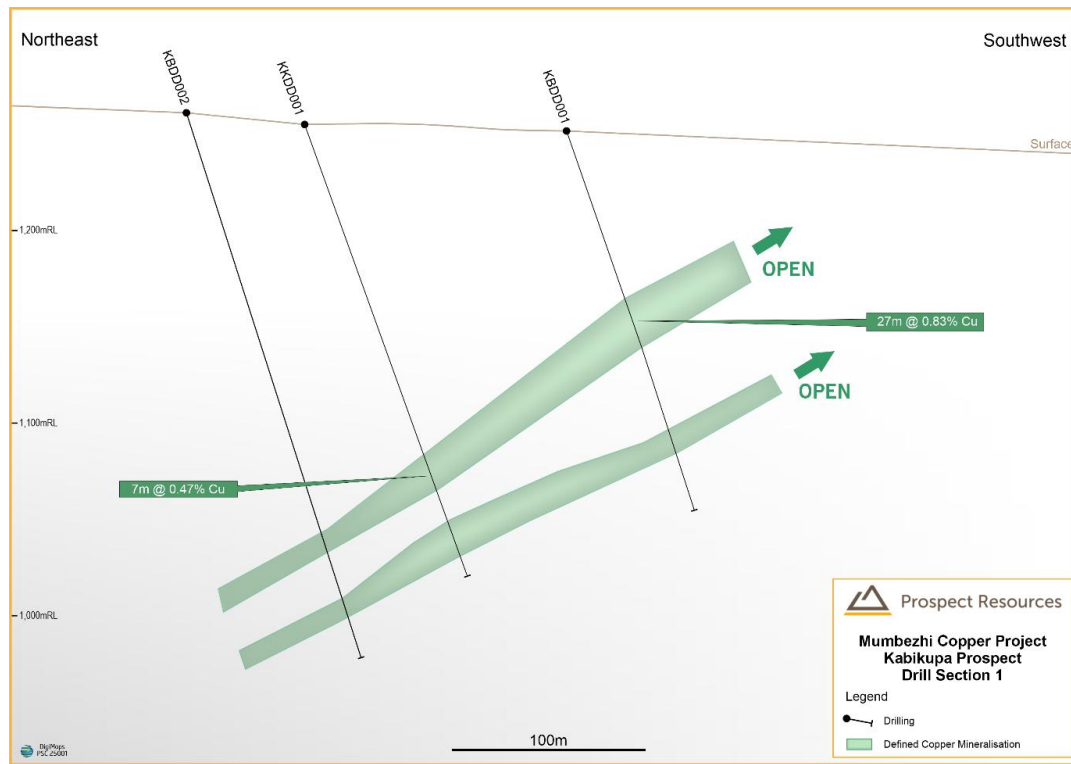


Figure 9. Drilling Cross Section 1 for Kabikupa

Approximately 100m to the south-east, Prospect completed **KKDD002**, which was strongly mineralised, returning **31.35m @ 0.60% Cu** from 118m, including a higher-grade zone of **10.5m @ 1.05% Cu** from 129.5m down hole (see Figure 10 showing Drill Section 2). The lower zone intersected contained lower-grade mineralisation, averaging around 0.4% Cu.

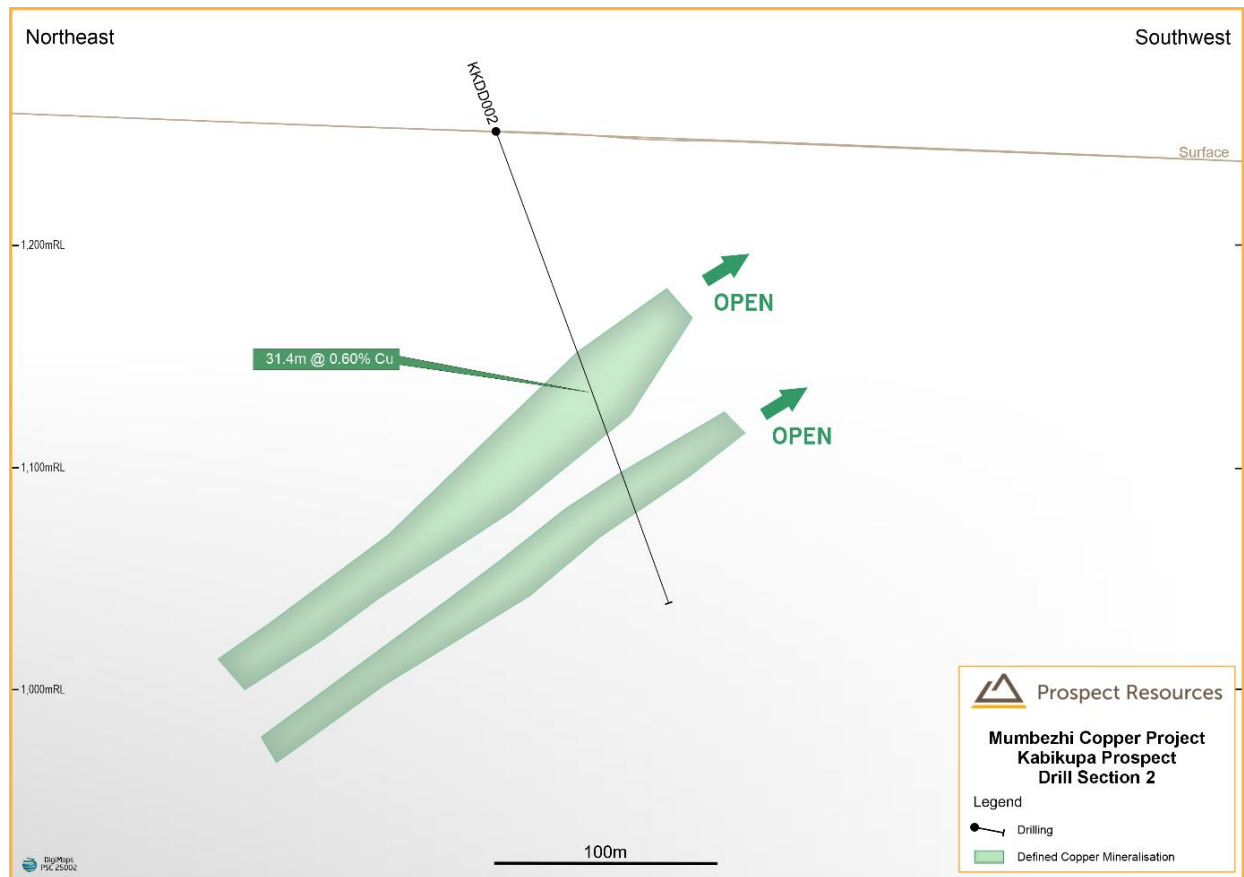


Figure 10. Drilling Cross Section 2 for Kabikupa

Figure 11 (below) shows a 3.88m section of the upper high-grade zone in **KKDD002**, with disseminated copper mineralisation (geologically logged as chalcopyrite-bornite) from 133.74m down hole, contained within a banded, mica-rich biotite feldspathic gneiss host rock.

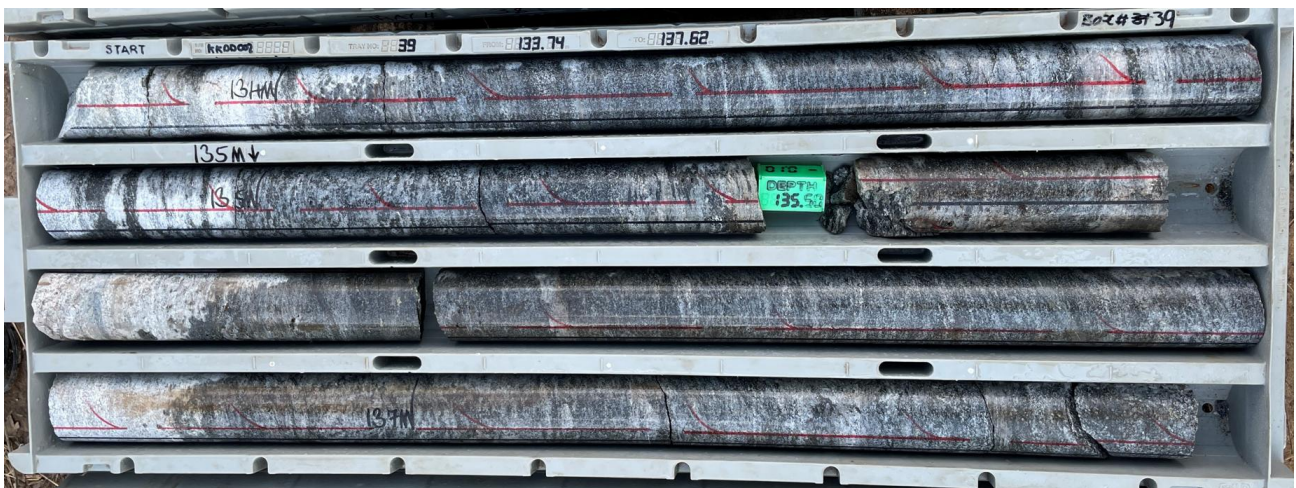


Figure 11. Drill hole KKDD002 showing high-grade disseminated Cu mineralisation (from 133.74m - 137.62m)

A further approximately 250m to the southeast, historical drill hole **KBDD004**, returned **20.4m @ 0.67% Cu** from 150.59m down hole, with a weakly mineralised, thinner upper zone interpreted (see Figure 12 showing Drill Section 3).

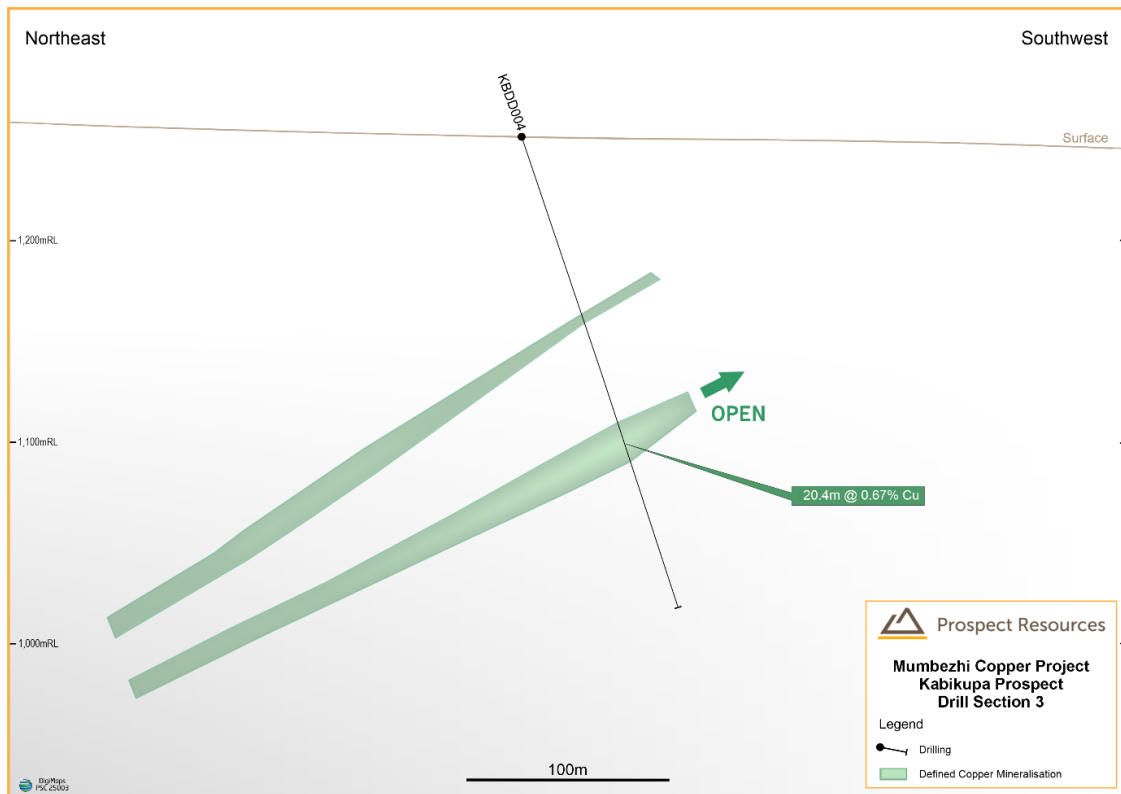


Figure 12. Drilling Cross Section 3 for Kabikupa

The last hole completed for the Phase 1 drilling at Kabikupa, **KKDD005**, was drilled to test the down dip extent of historical hole **KBDD003**, which assayed 0.66% Cu over 3.55m from 59.45m.

This zone, whilst narrow, was important because it is located just 55m vertically from natural surface and therefore represents the shallowest copper mineralisation identified to date at Kabikupa.

Prospect hole **KKDD005**, which targeted the historical hole down dip by another 130m, was successful in defining a thickened section of the same mineralised zone, returning **29m @ 0.50% Cu** from 106m, including a higher-grade interval of **8m @ 0.77% Cu** from 126m (see Figure 13 showing Drill Section 4).

There appears to be a single mineralised zone in the south-east area of the Kabikupa deposit.

Prospect's Phase 1 drilling at Kabikupa has therefore defined high-grade copper mineralisation on at least one continuous zone over 820m on a north-west to south-east strike, with an average downhole thickness of about ~25m and average grade of ~0.7% Cu.

The same zone remains open up dip for all drilling sections tested to date, and along the full length of the 1.5 km of strike already defined by an underlying chargeable IP anomaly (see Figure 14).

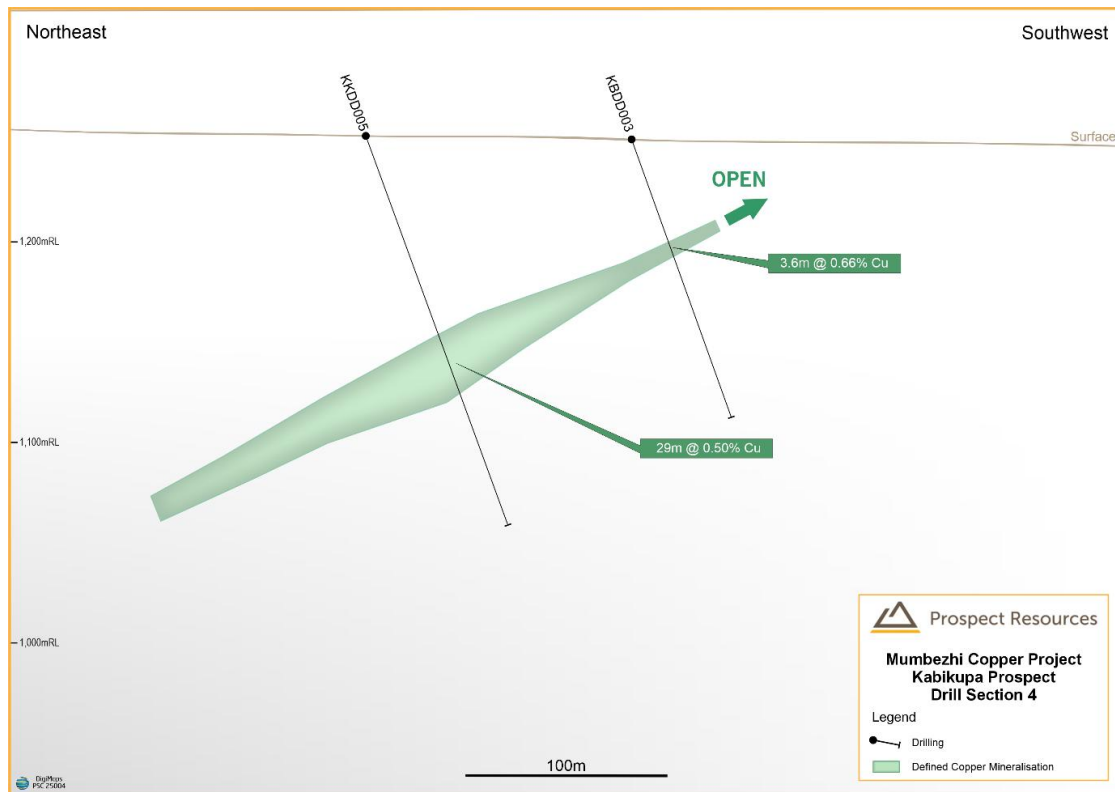


Figure 13. Drilling Cross Section 4 for Kabikupa

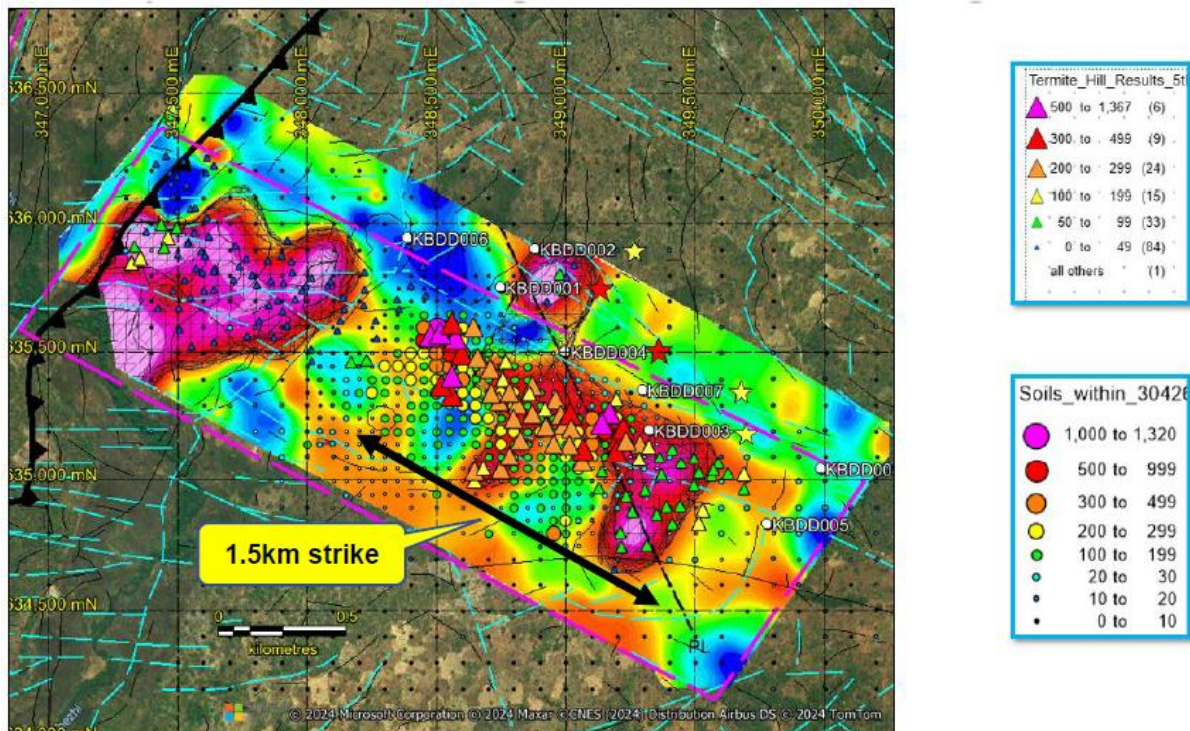


Figure 14. Strong Chargeable IP anomaly at Kabikupa showing surface geochemistry and hole locations

Prospect's limited Phase 1 scout/exploratory drilling at the Kabikupa deposit validated the potential for an extensive medium- to high-grade disseminated copper system that remains open in most directions, as was previously indicated by strong geophysical IP responses, supporting surface geochemistry and the encouraging historical drilling results.

Extending the limit of the current surface IP surveying further to the south-east is warranted, with follow up termite geochemical sampling also planned to delineate potential extensions and drill targets for this developing copper system.

Mumbezhi ESIA approved

The Mumbezhi ESIA was approved during the quarter by the relevant Zambian Government authorities.

In preparing the Mumbezhi ESIA, the Company engaged the services of well-known environmental consultant, MVC Consulting Engineers Ltd (**MVC**), a multi-disciplinary firm with broad experience in the environmental and water resources sectors in the region. MVC has worked extensively within the environmental sector in Zambia and DRC in environmental management and compliance, water resources management, training, and engineering design.

The ESIA covers a range of potential future mining and operations scenarios across the Mumbezhi tenure, commencing with an initial open pit mine at the key Nyungu Central deposit. It contemplates an additional four satellite open pits, including the Kabikupa deposit.

In addition, the ESIA details areas set aside for a crushing plant, waste rock dumps, metallurgical processing plant and tailings storage facility (**TSF**). All design parameters are considered in line with a typical open pit mining and mineral processing operation in this north-western region of Zambia.

Following approval of the ESIA, Prospect has received the statutory reporting guidelines, and all conditional items have been noted. In response, the Company has formulated a comprehensive statutory reporting checklist to ensure full compliance with all environmental and regulatory requirements.

Mumbezhi Mining Licences granted

The grant of two LMLs on 31st March 2025 marked a significant transition for Mumbezhi and Prospect. It delivered initial tenure security of 25 years, which is then renewable for successive 25-year periods. This provides a strong legal and permitting framework for further project advancement, early development works, targeted financing and/or strategic partnership initiatives, and long-term operational planning.

The LMLs provide for full-scale commercial mining, processing and export of minerals. They also qualify Prospect for aligned treatment with Zambia's mining tax regime, which includes capital allowances, royalty structures, and VAT benefits. Finally, grant of the LMLs provides the opportunity for Prospect to negotiate investment incentives under the Zambia Development Agency (**ZDA**) framework.

With both the successful grant of the ESIA permit and the approval of the Mumbezhi LML applications, Prospect holds the highest level of licence tenor available to support any planned future extractive and mineral processing operations within Zambia.

Membership with Mining Industry Bodies

Prospect completed its membership into the Zambia Chamber of Mines (ZCM) and the Association of Zambian Mineral Exploration Companies (AZMEC), reinforcing its commitment to responsible and sustainable resource development in Zambia.

The ZCM is the official industry association for mining and allied companies in Zambia, representing both large and small operators. It advocates for its members, local communities, and stakeholders while promoting sustainable and responsible mining practices.

AZMEC serves as a key forum and advocacy group for mineral exploration and mining companies, alongside government representatives, service providers, and academic institutions. Its primary focus is to support the growth, promotion, and sustainable development of Zambia's exploration and mining sector.

By joining these leading industry bodies, Prospect strengthens its engagement with key stakeholders and reaffirms its commitment to contributing positively to Zambia's mining industry.

Geophysical IP surveying validated as an effective exploration tool at Mumbhezhi

During December 2024, Prospect received all data and geophysical interpretation from its ground-based IP geophysical surveys that covered five regional prospect areas outside the main Nyungu series of deposits at the Mumbhezhi Copper Project (see Prospect ASX Announcement 11 December 2024). The surveys were conducted in prospective regions of the licence over a number of areas which had been drilled lightly by previous operators in the mid-2010s as exploration targets.

It was known to Prospect that Anglo American had utilised IP geophysical techniques in its initial 2000-01 exploration campaigns, to assist in their own drill targeting, particularly at Nyungu Central. Until recently however, only fragmentary data had been available. Recent interactions with former geophysicists at GSS (now GeoFocus Geophysical Services (South Africa)) enabled all the raw data from the two historical surveys conducted within the existing licence to be retrieved, re-processed, and re-interpreted, at a nominal cost of US\$4,000.

The data showed that Anglo had undertaken some 24 km² of surveys along 11km of strike within the Nyungu Structural Corridor; encompassing Nyungu South, Nyungu Central and most of Nyungu North. Additionally, almost 10 km² of surveying was undertaken over the West Mwombhezhi prospect, located in the north-west area of Mumbhezhi (see Figure 15).

Anglo's work overlapped the IP work completed by Prospect over much of Nyungu North and most importantly, the entire area of the recently drilled Nyungu Central copper deposit footprint.

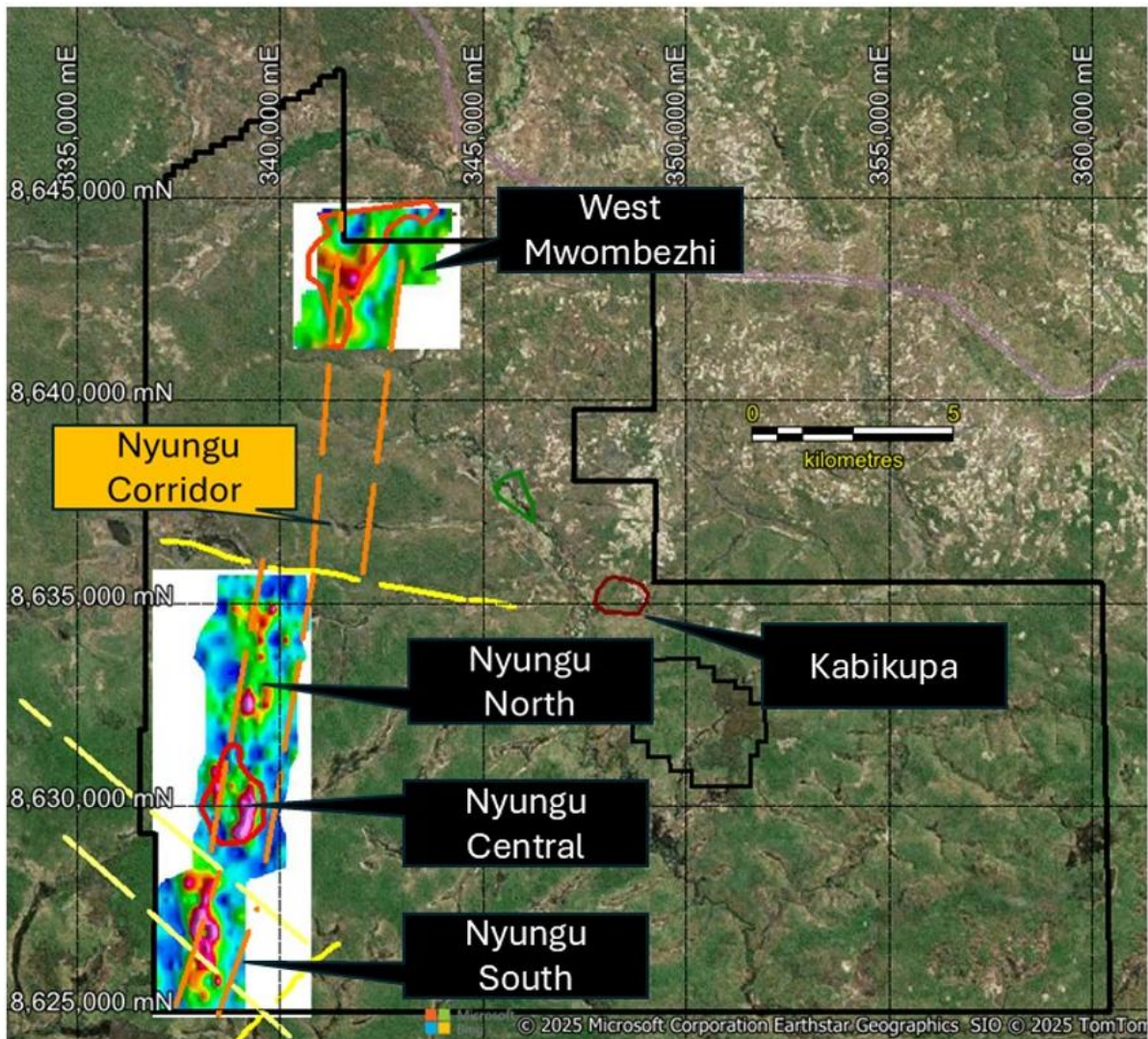


Figure 15. Mumbezhi Licence showing location of the Anglo IP surveys and 200m depth chargeability slices in relation to the Nyungu Central copper deposit and Nyungu Corridor (dashed orange)

Those historical surveys (which included team members who subsequently worked on the 2024 Prospect IP surveys) were undertaken on a 400m spaced line grid.

There has been adequate correlation between the Anglo and Prospect data but given the length of time between the surveys, difference in survey line spacing, and improvements in equipment, it is considered impressive and compelling. The three main chargeability anomalies at Nyungu North, and the one at West Mwombezhi, have all been verified using the older IP data sets.

However, the most important aspect of the data set was the IP anomaly noted over the Nyungu Central deposit itself. This showed the high-grade drilling intercepts from both the historical Argonaut Resources NL drilling and Prospect's Phase 1 drilling at the flagship Nyungu Central deposit highly correlate with the Anglo IP data (see Figure 16). The re-interpretation of the Anglo IP data has also highlighted areas adjacent to the north and south of Nyungu Central that have had little effective drilling to date and present as high-priority expansion targets.

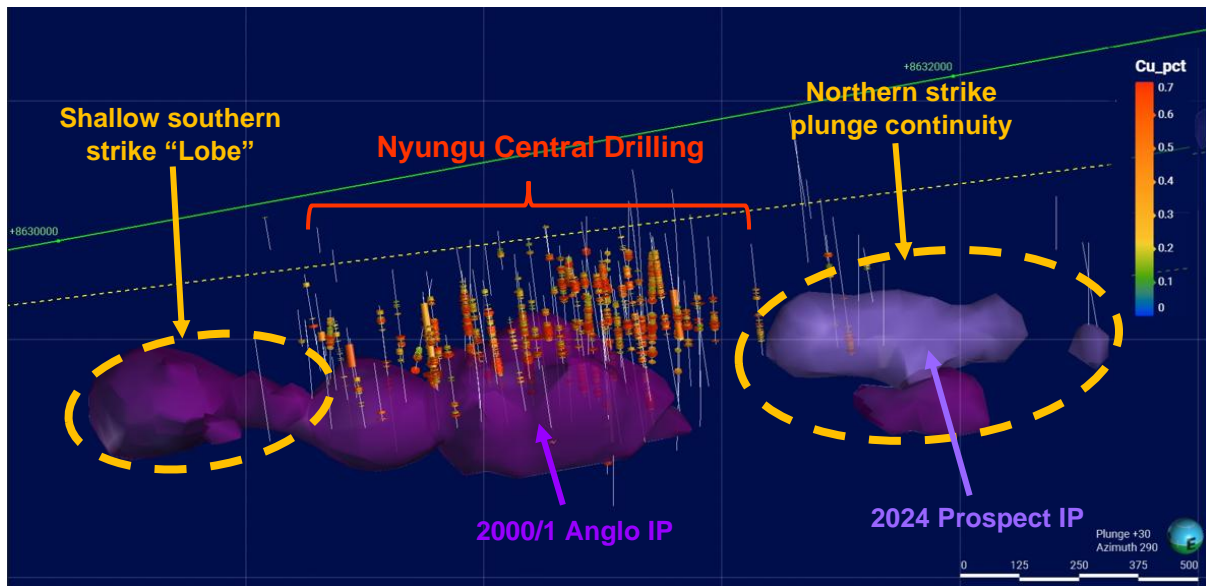


Figure 16. Chargeable IP anomalies (20ms chargeability isoshells) at Nyungu Central in relation to significant drill intercepts, showing walk-up drilling targets defined by orange ellipses (2km field of view looking northwest)

Nyungu North prospect

The recent large geophysical survey conducted by Prospect over a 6 km long prospective zone within the Nyungu 'Corridor', covered the area directly along strike to the north-northeast of the Nyungu Central deposit and immediately adjacent to the northern end of the Phase 1 drilling programme (see Prospect ASX Announcement 11 December 2024).

The recently acquired Anglo IP data from 2000-01 has validated this work by covering a similarly significant strike length of the Nyungu 'Corridor' and, along with Prospect's recent complementary data, indicates considerable prospectivity for copper mineralisation presenting as chargeable sulphides at depth over a strike length exceeding 10km (see Figure 17).

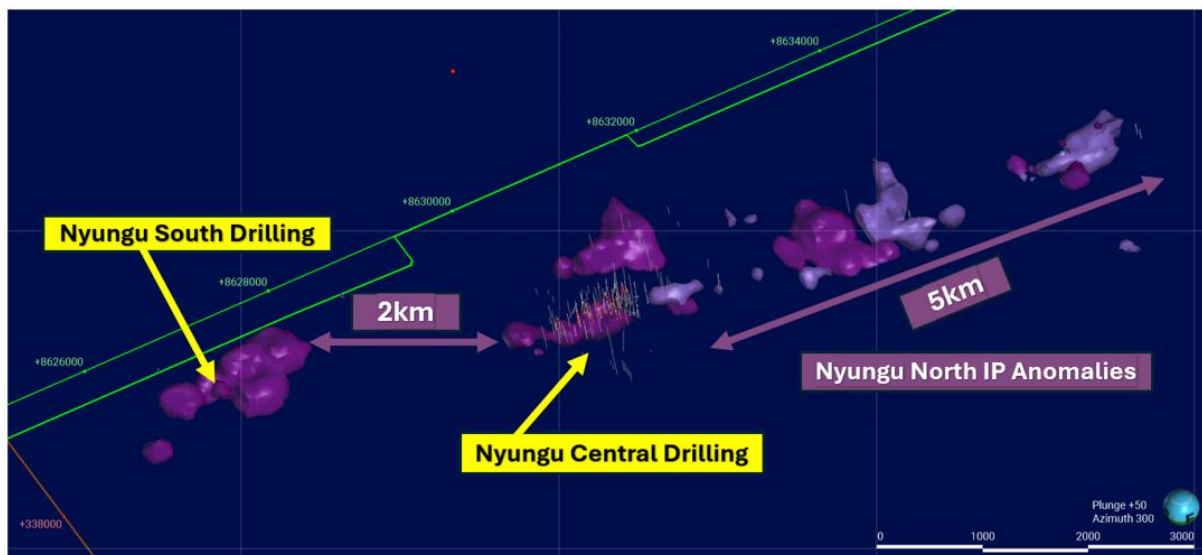


Figure 17. Overview of Nyungu Corridor from Nyungu South to Nyungu North showing chargeable IP anomalies (2024 PSC – purple, 2000 Anglo – magenta) – field of view 10km

Outside of Nyungu Central, sub-surface drill targeting of this corridor at Mumbezhi has been intermittent at best and was commonly informed by residual soil geochemistry, rather than the termite hill geochemical sampling used with great success to date by Prospect (see Prospect ASX Announcement 4 November 2024). Visualisation in 3D also indicates that this previous drilling was often stopped short of successful

intersection of the actual anomalous IP target volumes and therefore also relatively ineffective in testing these anomalies.

Nyungu South prospect

The historical Nyungu South deposit, centred about 3.5km south-southwest of Nyungu Central, was not targeted by Prospect in its 2024 IP survey work. However, the recently evaluated historical Anglo American IP data (refer Prospect ASX release dated 6 March 2025) identified several interesting chargeable anomalies that were not drill targeted by any previous owners of Mumbezhi (including the new target at Nyungu South).

Nyungu South was targeted by 10 drillholes for approximately 1,728 metres by Argonaut Resources NL. Details of those holes were provided by Prospect in ASX Announcement dated 17 June 2024.

Those holes were informed by the Anglo IP and surface geochemical soil data available at the time, but the recent re-interpretation of the IP data indicates a far more extensive (over 600m in length) chargeable anomaly than was targeted by Argonaut Resources NL nearly a decade ago (see Figure 18).

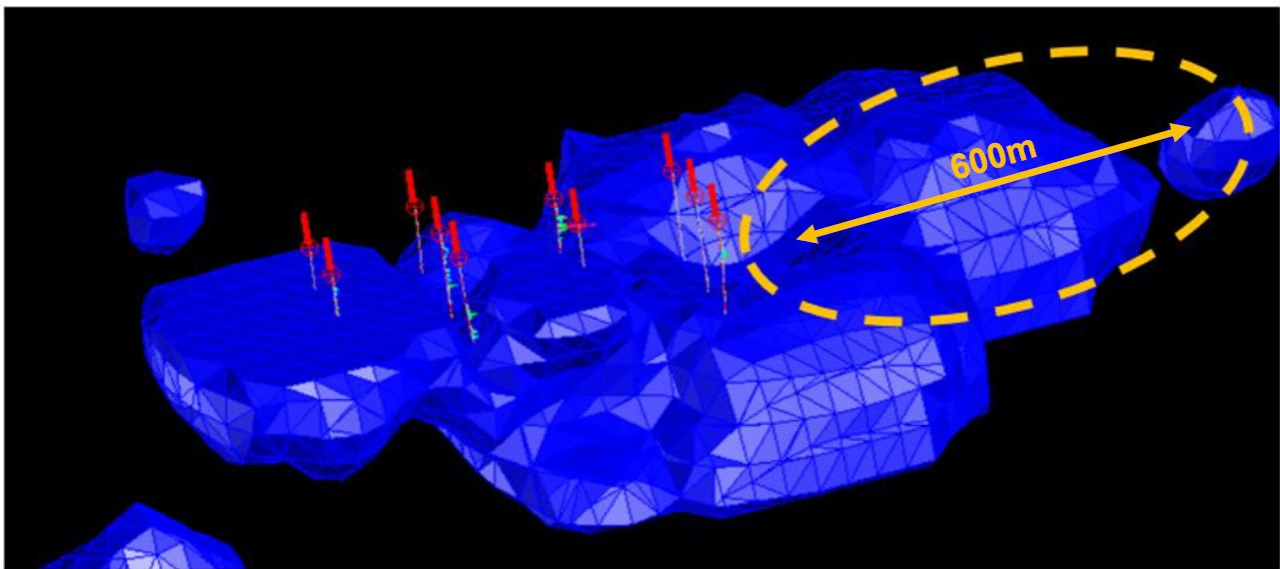


Figure 18. Strongly chargeable Anglo IP anomaly located over Nyungu South, showing historical 2012 drilling (field of view 1.5km looking northwest) and undrilled target (orange ellipse)

High-potential drilling target defined at Nyungu South

During February 2025, field teams at Mumbezhi completed a comprehensive termite hill sampling programme over a 6 square kilometre area covering the entire expanse of the Nyungu South Anglo chargeable IP anomaly (see Figure 19).

Of the 1,213 termite hill samples collected from Nyungu South (see Figure 19 for locations), 65 samples were anomalous (≥ 150 ppm Cu), with 30 samples being highly anomalous (≥ 200 ppm Cu), peaking at 442 ppm Cu (see Prospect ASX Announcement 19 March 2025 for details on the actual sample locations and Cu assays obtained from pXRF assaying of the dried samples).

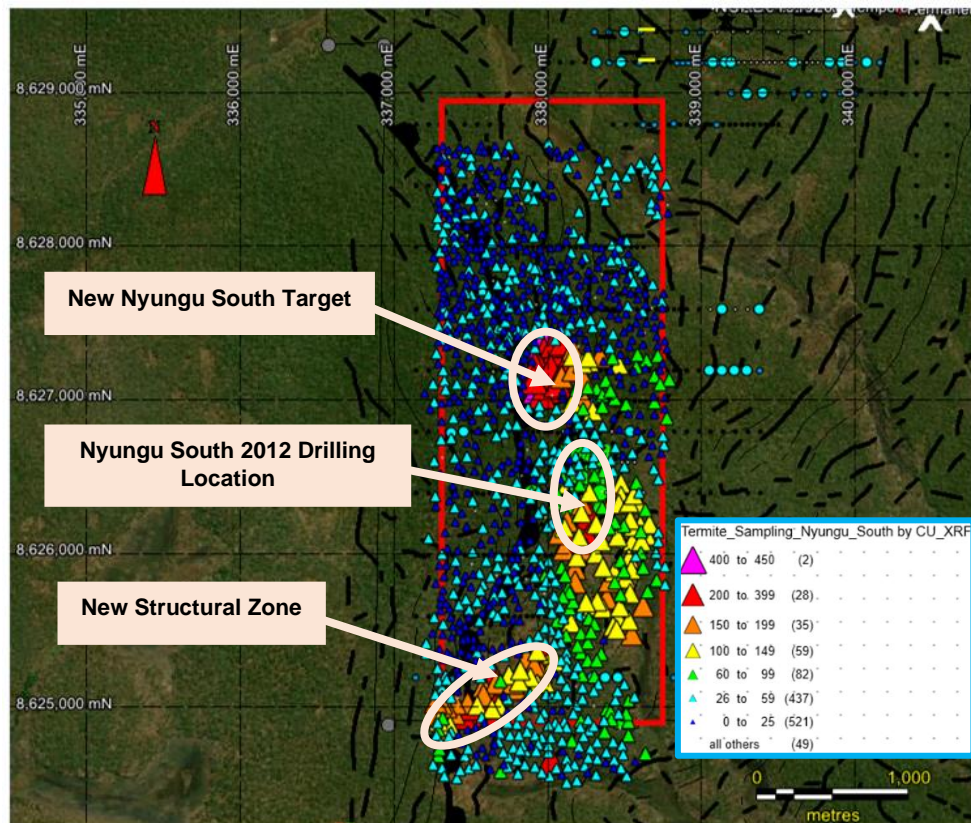


Figure 19. Location map of in-situ termite hill sample locations and Cu grades for Nyungu South

What became immediately apparent is that the area of the historical 2012 drilling conducted by Argonaut, whilst clearly showing up as a weak anomaly of elevated Cu geochemical grades from the termite hill sampling, does not represent the main targets defined.

A 400m x 400m bulleye geochemical Cu anomaly centred about 1km northwest of the 2012 drilling, has been interpreted by Prospect as a new walk-up drilling target for the Phase 2 programme in an undrilled area, and strongly supported by both the chargeable IP data and a coincident in-situ Cu anomaly, defined by the recent sampling programme.

Another set of cohesive Cu assays appear to trend from southwest to northeast on the southwestern section of the termite hill sampling area and this is currently interpreted to represent a structurally controlled zone, with potential leakage of mobile Cu mineralisation up fault planes – a lower priority drill target.



Figure 20. Termite hill geochemical sampling underway at Nyungu South Prospect

As Nyungu South is interpreted to represent the same geological and structural package as that characterised at Nyungu Central to the north, it has always been considered an important and prospective supplementary regional copper resource opportunity at Mumbhezhi, due to its proximity to the flagship deposit. The re-interpreted Anglo IP and supporting Cu geochemical sampling provides for a compelling new drill target at Nyungu South, in much the same fashion as was defined and then successfully drilled by the Company at Kabikupa last year.

Phase 2 Drilling Programme and Next Steps

Prospect's multi-disciplinary exploration strategy incorporating detailed structural modelling, integration of airborne geophysical data, geophysical IP data and historical soil sample data, followed up by termite hill geochemical sampling provide a clear path to defining quality Phase 2 growth drilling targets.

Prospect is set to commence its Phase 2 drilling programme at Mumbhezhi in Q2 2025. The programme, comprising principally diamond core drilling, is set to target further expansions to the recently declared MRE at Nyungu Central and Kabikupa.

A comprehensive programme of first-pass, exploratory scout drilling is also planned to be undertaken at the large Nyungu North and West Mwombhezhi targets. Previously defined extensions to Nyungu Central along with the recently identified Nyungu South target will also undergo exploratory drilling.

Some of the material produced from this Phase 2 drilling will be directed towards future technical and metallurgical drilling campaigns. Metallurgical work is currently underway for a drill hole completed in October 2024 through the Nyungu Central deposit, with first results expected in May 2025.

Prospect also accessed existing drill core from the Kabikupa deposit, to complete some initial desktop metallurgical test work on that MRE, with preliminary results expected later in Q2 2025.

Step Aside Lithium Project (Zimbabwe); 90% PSC

Forward strategy

Exploration activities at Step Aside have ceased and expenditure has been pared back to minimum holding commitments. Prospect has instigated a process to potentially monetise this lithium asset in 2025.

A digital Data Room was prepared with all supporting technical, logistical and legal documentation pertaining to Step Aside collated specifically for this purpose.

A Sales Process for Step Aside was re-launched in the March 2025 Quarter, with Nurture Investments (Harare, Zimbabwe) being contracted to complete this work.

The Company has also re-examined diamond drill core from the Project for its gold potential during February-March, and suitable core intersections with visual prospectivity for gold mineralisation have since been submitted for analysis.

Step Aside lies within the Harare Greenstone Belt, which has historically produced over 35 tonnes of gold at very high gold grades, principally from the Arcturus group of mines, located only 12km southwest of Step Aside and in similar rock sequences.

Omaruru Lithium Project (Namibia); 100% PSC

Forward strategy

With the completion of the Phase 2 drilling programme at Omaruru, and acquisition of 100% interest (Prospect ASX Announcement 21 March 2024), Prospect has been re-assessing its priorities at Omaruru, free of the original earn-in obligations of the preceding JV Agreement with Osino Resources.

Exploration activities have ceased with expenditure scaled back to minimum holding commitments.

Consequently, the Company is now pursuing commercialisation strategies to unlock the project's longer-term value as lithium markets improve.

Corporate

Cash Balance

Prospect finished the quarter with a cash balance of approximately A\$6.5 million and zero debt (excluding typical trade creditors).

A\$15 million Strategic Investment from First Quantum Minerals

Subsequent to end of quarter, on 15 April 2025, Prospect announced it had executed a placement subscription agreement with First Quantum Minerals Ltd to raise new equity proceeds of approximately A\$15.2 million (before costs) (**Strategic Investment**).

Under the Strategic Investment, First Quantum is set to become a 15% shareholder in Prospect through its subscription to a placement of 101.06 million new ordinary Prospect shares at an issue price of A\$0.15 per share. This issue price represented a 36% premium to Prospect's last closing price of A\$0.11 and 28% premium to Prospect's 20-day Volume Weighted Average Price (**VWAP**) of A\$0.117.

Upon completion of the Strategic Investment, First Quantum will have the right to nominate an appointee to the Prospect Board. Participation rights, voting support, standstill and escrow provisions will also apply to the First Quantum shareholding in Prospect.

Prospect and First Quantum will also establish a technical working group for the purposes of guiding the exploration and development of Mumbezhi, which will remain in place whilst First Quantum continues to hold an interest in Prospect of at least 10%. First Quantum will also have limited information rights whilst it holds an interest in Prospect of at least 5% and below 10%.

Issued Capital

The Company confirms it currently has 572,662,981 ordinary shares on issue and 60,514,952 un-listed options and 7,350,419 performance rights on issue.

Appendix 5B – Related Party Payments

During the Quarter, the Company made payments of A\$130,000 to related parties and their associates.

This release was authorised by Sam Hosack, Managing Director of Prospect Resources Ltd.

For further information, please contact:

Sam Hosack
Managing Director
shosack@prospectresources.com.au

Ian Goldberg
Executive Director – Finance
igoldberg@prospectresources.com.au

About Prospect Resources Limited (ASX: PSC, FRA:5E8)

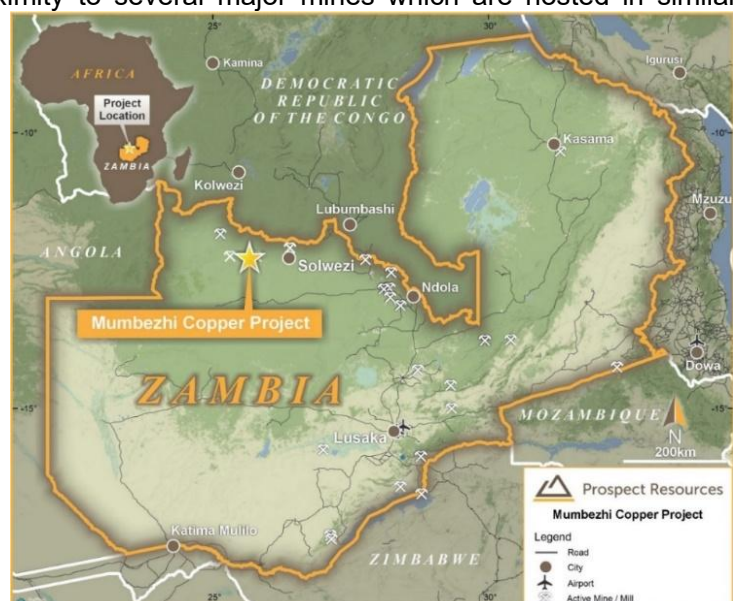
Prospect Resources Limited (ASX: PSC, FRA:5E8) is an ASX listed company focused on the exploration and development of electrification and battery metals mining projects in the broader sub-Saharan African region.

About the Mumbezhi Copper Project

The Mumbezhi Copper Project (85% Prospect) (**Mumbezhi**) is situated in the world-class Central African Copperbelt region of north-western Zambia. Located on two granted Large Scale Mining Licences (39445-HQ-LML; 39465-HQ-LML), Mumbezhi covers approximately 356 square kilometres of highly prospective tenure which lies in close proximity to several major mines which are hosted in similar geological settings.

Prospect's Phase 1 drilling programme at Mumbezhi returned highly encouraging results, validating the growth potential of the significant endowment of copper mineralisation at Nyungu Central and delivering further confidence in a potential future large-scale, open pit mining development at Mumbezhi.

In March 2025, Prospect delivered a maiden JORC-reportable Mineral Resource estimate (**MRE**) for Mumbezhi of 107.2Mt @ 0.5% Cu for 514.6 kt of contained copper.



About Copper

Copper is a red-orange coloured metallic element in its pure form and is highly conductive to heat and electricity and is physically soft and malleable. Copper has been used for various purposes dating back at least 10,000 years. Today, it is mostly used by the electrical industry to make wires, cables, and other electronic components and is the key component. The metal is widely seen as a green-energy transition material, in part because of the wiring needed for electric cars. EVs can use as much as 80kg of copper, four times the amount typically used in combustion engine vehicles. It is also used as a building material or can be melted with other metals to make coins and jewellery.

Competent Persons Statements

The information in this announcement that relates to the Exploration Results, is based on information compiled by Mr Roger Tyler, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and The South African Institute of Mining and Metallurgy. Mr Tyler is the Company's Consultant Geologist. Mr Tyler has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Tyler consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Mumbhezhi Project Mineral Resource and Exploration Target is based on information compiled by Steve Rose, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy (FAusIMM). Steve Rose is a full-time consultant with Rose and Associates, Mining Geology Consultants. Mr Rose has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Rose consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Caution Regarding Forward-Looking Information

This announcement may contain some references to forecasts, estimates, assumptions and other forward-looking statements. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars (\$) and cents in this announcement are in United States currency, unless otherwise stated. Investors should make and rely upon their own enquiries before deciding to acquire or deal in the Company's securities.

APPENDIX A: PROSPECT TENEMENT SCHEDULE

As at 31 March 2025, Prospect Resources Limited has interests in tenements through the following companies:

- Osprey Resources Limited – Mumbezhi Project
- Eagle Lithium Resources (Private) Ltd – Step Aside Project
- Richwing Exploration (Pty) Limited – Omaruru Project

Tenement Type & Number	Tenement Name	Country	Project	Registered Company Name	% Held at End of Quarter	% Acquired During Quarter	% Disposed During Quarter
30426-HQ-LEL	Mumbezhi	Zambia	Mumbezhi	Osprey Resources	85%	0%	0%
39445-HQ-LML	Mumbezhi North	Zambia	Mumbezhi	Osprey Resources	85%	85%	0%
39465-HQ-LML	Mumbezhi South	Zambia	Mumbezhi	Osprey Resources	85%	85%	0%
ME19948BM	Step Aside	Zimbabwe	Step Aside	Eagle Lithium	90%	0%	0%
EPL 5533	Omaruru	Namibia	Omaruru	Richwing Exploration	100%	0%	0%

Appendix 5B

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

Name of entity

PROSPECT RESOURCES LIMITED

ABN

30 124 354 329

Quarter ended ("current quarter")

31 March 2025

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	0	0
1.2	Payments for		
	(a) exploration & evaluation (if expensed)	(11)	(173)
	(b) development	0	0
	(c) production	0	0
	(d) staff costs	(801)	(2,781)
	(e) administration and corporate costs	(355)	(2,054)
1.3	Dividends received (see note 3)	0	0
1.4	Interest received	37	122
1.5	Interest and other costs of finance paid	0	0
1.6	Income taxes paid	0	0
1.7	Government grants and tax incentives	0	0
1.8	Other (provide details if material)	0	0
1.9	Net cash from / (used in) operating activities	(1,130)	(4,886)
2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) entities	0	0
	(b) tenements	0	0
	(c) property, plant and equipment	(3)	(276)
	(d) exploration & evaluation (if capitalised)	(937)	(5,507)
	development expenditure	0	0
	(e) investments	0	0
	(f) other non-current assets	0	0

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	0	0
	(b) tenements	0	0
	(c) property, plant and equipment	0	0
	(d) investments	0	0
	(e) other non-current assets	0	0
2.3	Cash flows from loans to other entities	0	0
2.4	Dividends received (see note 3)	0	0
2.5	Other (provide details if material)	0	0
	Net proceeds from assets held for sale		
	Cash flows for loans to minority interest		
	Interest received		
2.6	Net cash from / (used in) investing activities	(940)	(5,783)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	0	9,078
3.2	Proceeds from issue of convertible debt securities	0	0
3.3	Proceeds from exercise of options	0	0
3.4	Transaction costs related to issues of equity securities or convertible debt securities	0	(572)
3.5	Proceeds from borrowings	0	0
3.6	Repayment of borrowings	0	0
3.7	Transaction costs related to loans and borrowings	0	0
3.8	Dividends paid	0	0
3.9	Other (return of capital)	0	0
3.10	Net cash from / (used in) financing activities	0	8,506

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	8,544	8,337
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,130)	(4,886)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(940)	(5,783)

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 (9 months) \$A'000
4.4	Net cash from / (used in) financing activities (item 3.10 above)	0	8,506
4.5	Effect of movement in exchange rates on cash held	(25)	275
4.6	Cash and cash equivalents at end of period	6,449	6,449

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	4,989	5,652
5.2	Call deposits	123	149
5.3	Bank overdrafts	0	0
5.4	Other (provide details)	0	0
	US dollars at bank	1,299	2,713
	Zimbabwe dollars at bank	0	0
	Petty cash	38	30
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	6,449	8,544

6. Payments to related parties of the entity and their associates

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

**Current quarter
\$A'000**

(130)

0

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

Director fees

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
<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>			
7.1	Loan facilities	0	0
7.2	Credit standby arrangements	0	0
7.3	Other (please specify)	0	0
7.4	Total financing facilities	0	0
7.5	Unused financing facilities available at quarter end		0
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)	(1,130)
8.2	Capitalised exploration & evaluation (Item 2.1(d))	(937)
8.3	Total relevant outgoings (Item 8.1 + Item 8.2)	(2,067)
8.4	Cash and cash equivalents at quarter end (Item 4.6)	6,449
8.5	Unused finance facilities available at quarter end (Item 7.5)	0
8.6	Total available funding (Item 8.4 + Item 8.5)	6,449
8.7	Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	3.12
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: 22 April 2025

Authorised by: Sam Hosack
(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.