



Arc Minerals

A Tier 1 Copper Exploration Play



AIM : ARCM www.arcminerals.com

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Arc Minerals Overview



- Tier-one copper asset in north west Zambia
- Entered into a JV with Anglo American whereby Anglo can earn up to 70% by investing \$88.5m, including a cash consideration of \$14.5m
- Anglo JV values Zambian project pre-drilling at ~\$125m
- Interest in exciting Copper exploration properties in Botswana
- First phase drill programmes completed with planning underway for follow up drilling.
- Experienced Board and management team with a proven track record of successful development of mineral projects

Capital Structure (AIM: ARCM)

As at 28 February 2025	In GBP
Share Price	1.475p
Shares in issue	1.45b
Market Capitalisation (USD)	US\$27m

Highly Experienced Board & Management

Significant Skin in the Game



Nick von Schirnding | *Executive Chairman*

Nick von Schirnding has over 25 years' experience in the mining sector across a number of geographies. Nick was CEO of Asia Resource Minerals plc, a FTSE listed mining company. Prior to this Nick was a senior executive with Anglo American plc and De Beers.

Rémy Welschinger | *Non-Executive Director*

Rémy is the founder of Limehouse Capital, an investment holding company specialising in natural resources projects. Up until 2018, he was Head of Commodities Sales in Europe for Deutsche Bank.

Valentine Chitalu | *Non-Executive Director*

Valentine Chitalu is an entrepreneur in Zambia and southern Africa specializing in private equity and local private sector development. He is the co-founder and Chairman of Phatisa Group, a private equity fund manager in Sub-Saharan Africa.

Brian McMaster | *Non-Executive Director*

Brian McMaster has almost 20 years' experience in the area of corporate reconstruction, turnaround, performance improvement and 20 years in the mining and exploration industry.

Vassilios Carellas | *Chief Operating Officer*

Vassilios Carellas is a natural resources professional with over twenty-five years of corporate and operations experience in the mining and exploration industry.

Ian Lynch | *Chief Financial Officer*

Ian Lynch has 20 years' experience in various aspects of finance, legal and compliance administration for companies in the mining sector, both public and private, and across a number of geographies.

Joint Venture with Anglo American



Arc entered into a Joint Venture with Anglo American for the development of its Zambian copper projects

Under the agreement, Anglo American will have the right to retain a 70% ownership in the Joint Venture for an aggregate investment by Anglo American of up to US\$88.5M including cash payment of up to US\$14.5M

- Anglo American has the right to retain an Ownership Interest of 51%, by:
- funding exploration expenditures equal to US\$24.0M on or before the date that is 180 days after the third anniversary of the Effective Date ("Phase I End Date"); and
- Making cash payments totalling up to US\$14.5M, as follows:
 - US\$ 3.5M upon signing of the Joint Venture Documents ("Effective Date");
 - US\$ 1M on the first anniversary of the Effective Date;
 - US\$ 1M on the second anniversary of the Effective Date;
 - US\$ 1M on the third anniversary of the Effective Date; and
 - US\$ 8M by the Phase I End Date.
- Following the completion of Phase I, Anglo American will have the right to retain an additional ownership interest equal to 9% (for a total ownership interest of 60%) by funding US\$20M of additional exploration expenditures within 2 years of the Phase I End Date ("Phase II End Date")
- Following the completion of Phase II, Anglo American will have the right to retain an additional ownership interest equal to 10% (for a total ownership interest of 70%) by funding US\$ 30M within 2 years of the Phase II End Date.

Exceptional Transaction Concluded by Arc Minerals



Comparison of Anglo-Arc Joint Venture with KoBold-Midnight Sun



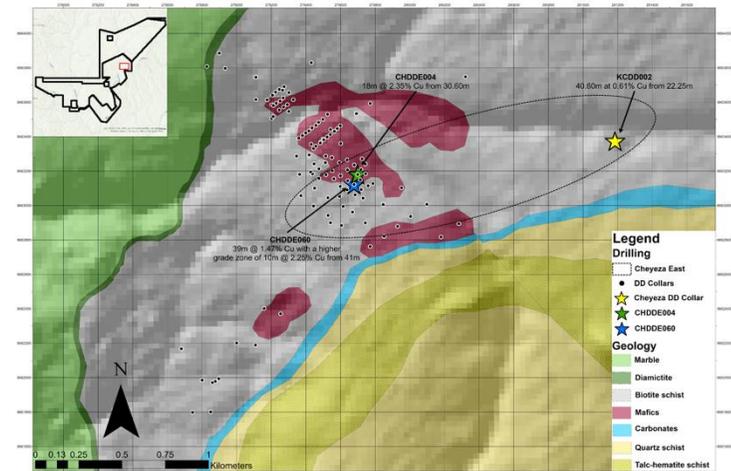
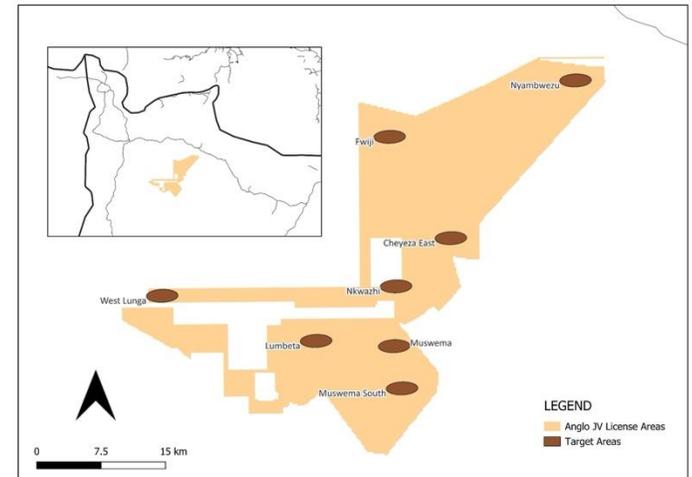
	Anglo-Arc Deal	KoBold Deal
Cash to Vendor	USD 14.5M	USD 0.5M
Spend Commitment	USD 74M	USD 15M
Interest Earned	70%	75%

KoBold Metals is a US-based exploration and mining company founded in 2018 and is backed by Bill Gates and Jeff Bezos.

Exploration Highlights 2024



- Diamond Drill Hole KCDD002 - 40.60m @ 0.61% Cu from 22.25m
- Incl. 7.70m @ 1.72% Cu from 26.75m, or
- 12.75m @ 1.20% Cu from 22.25m
- Mineralisation confirmed 1.5km from Cheyeza East Oxide Occurrence
- Both Oxide and Sulphide Mineralisation Intersected
- Six holes completed for a total of 4,016m drilled at four targets
- Deepest hole drilled down to 977.40m
- Sulphide Mineralisation confirmed at Nkwazhi



Zambian Licences

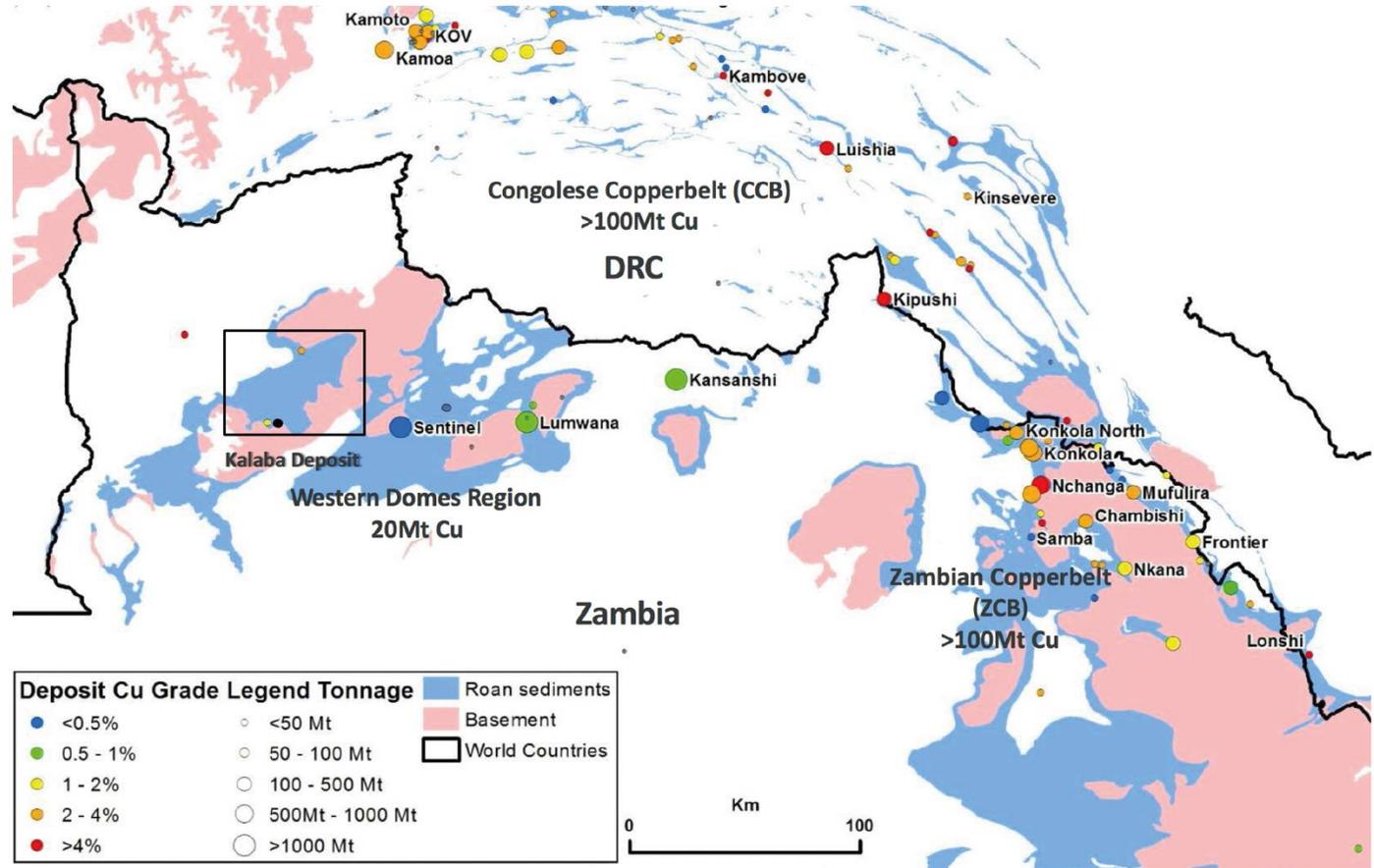
A Highly Prospective Copper Project



- Unico (67% owned by Arc) holds a 30% interest in Handa Resources Limited and its subsidiaries
- Handa and its subsidiaries have a 100% interest in various exploration licences covering 864km² in the prolific western Domes region of Zambia
- Located in a highly prospective region of Zambia (in close proximity to First Quantum's Sentinel and Kansanshi and Barrick's Lumwana mines)
- These licences were previously explored by Anglo American and hosts 9 of Anglo's top 30 Zambian copper exploration targets
- Airborne geophysical and comprehensive soil sampling programme completed pre-Anglo (c.75,000 soil samples)
- Over 22,000 meters drilled pre-Anglo commencement of drilling



Prolific Mineral Region



Western Domes Region – potential for large discoveries in proximity to basement blocks

Operating in the Right Postcode



- Since the millennium, three new major mines have been constructed to exploit mineral Resources in the western part of the Zambian Copper Belt
- This region now accounts for more than 80% of Zambia’s copper production

Major Mines in the Domes Region – Comparable Geology

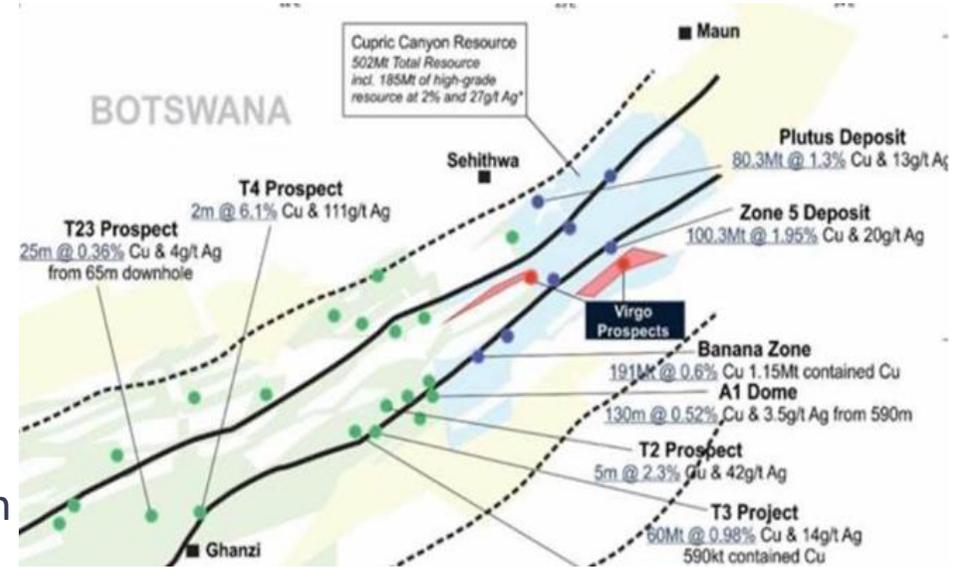
	Sentinel (2014)	Lumwana (2009)	Kansanshi (2005)
Owner	First Quantum Minerals (100%)	Barrick Gold (100%)	First Quantum Minerals (80%)
Resource	761.7Mt @ 0.45% Cu	678Mt @ 0.48% Cu	845Mt @ 0.66%Cu
Reserve	657.6Mt @ 0.46% Cu	374.6Mt @ 0.55%Cu	746.2Mt @ 0.69% Cu
Production (2022)	242,451 tonnes Cu	121,143 tonnes Cu	146,282 tonnes Cu and 109.6Koz Au
Distance from licence	40km	100km	200km

Source: Wood Mackenzie and Company Websites

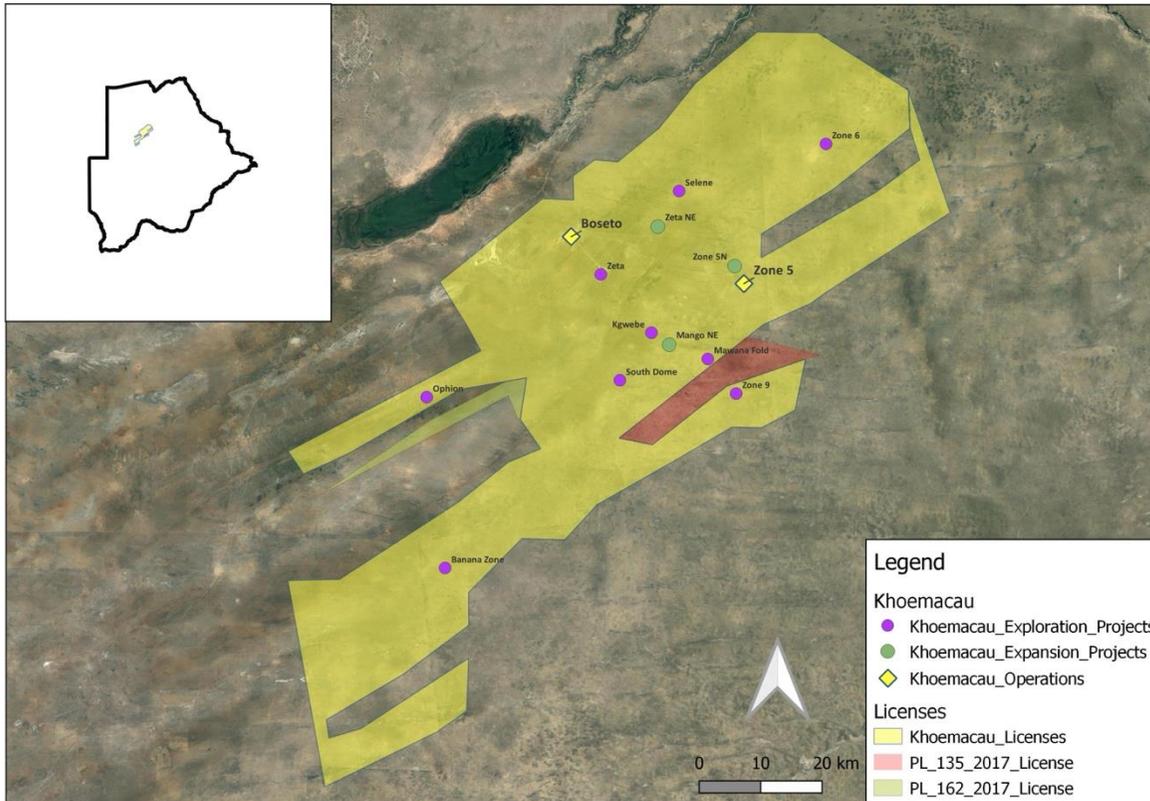
Botswana - Exciting Copper Projects



- Arc has a 75% interest in the Virgo Project, comprising two large prospecting licences (PL135/2017 & PL 162/2017) in Botswana's Kalahari Copper Belt.
- The licences lie in the highly prospective Central Structural Corridor where recently MMG has acquired Khoemacau Copper Mining for US\$1.9 billion.
- These licences cover an area of 210km², with PL 162/2017 approximately 10km southeast of the large Khoemacau copper mine which was recently commissioned.

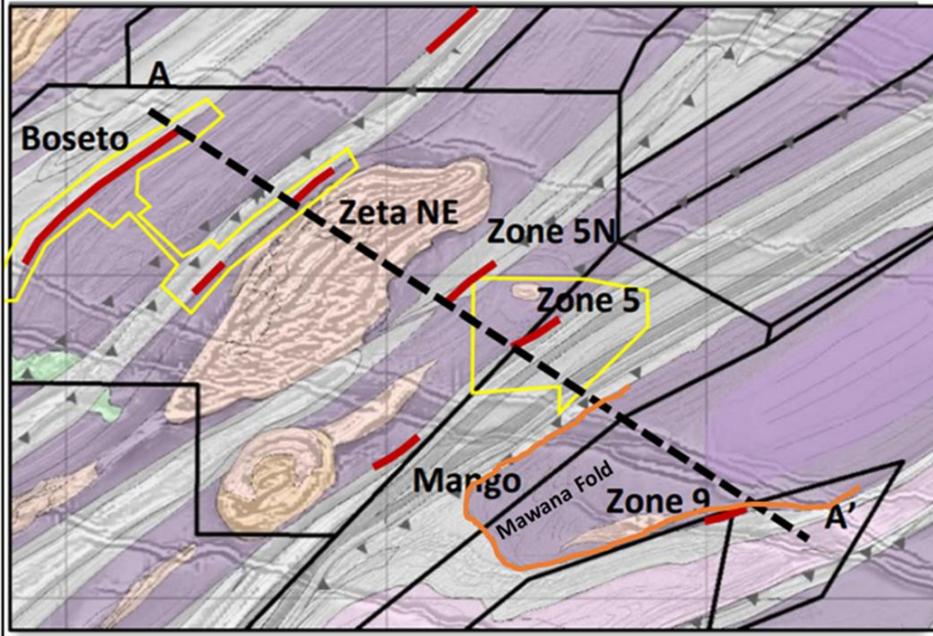


Location ... Location ... Location!



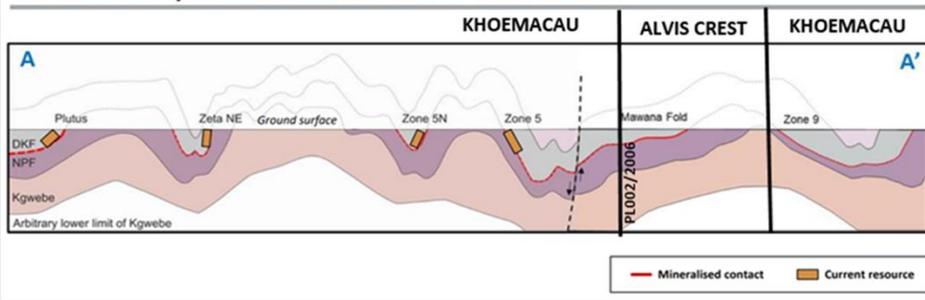
- Both PL135 and PL162 surrounded by Khoemacau Licences
- Khoemacau acquired by MMG for ~\$1.9B in November 2023
- Khoemacau working on doubling production from 60ktpa to 130ktpa of Cu
- MMG will need to develop discoveries into mines to achieve this target
- Khoemacau’s Zone 9 and Mowana Fold discoveries on either side of PL 135.

PL 135 – Zone 9 & Mowana

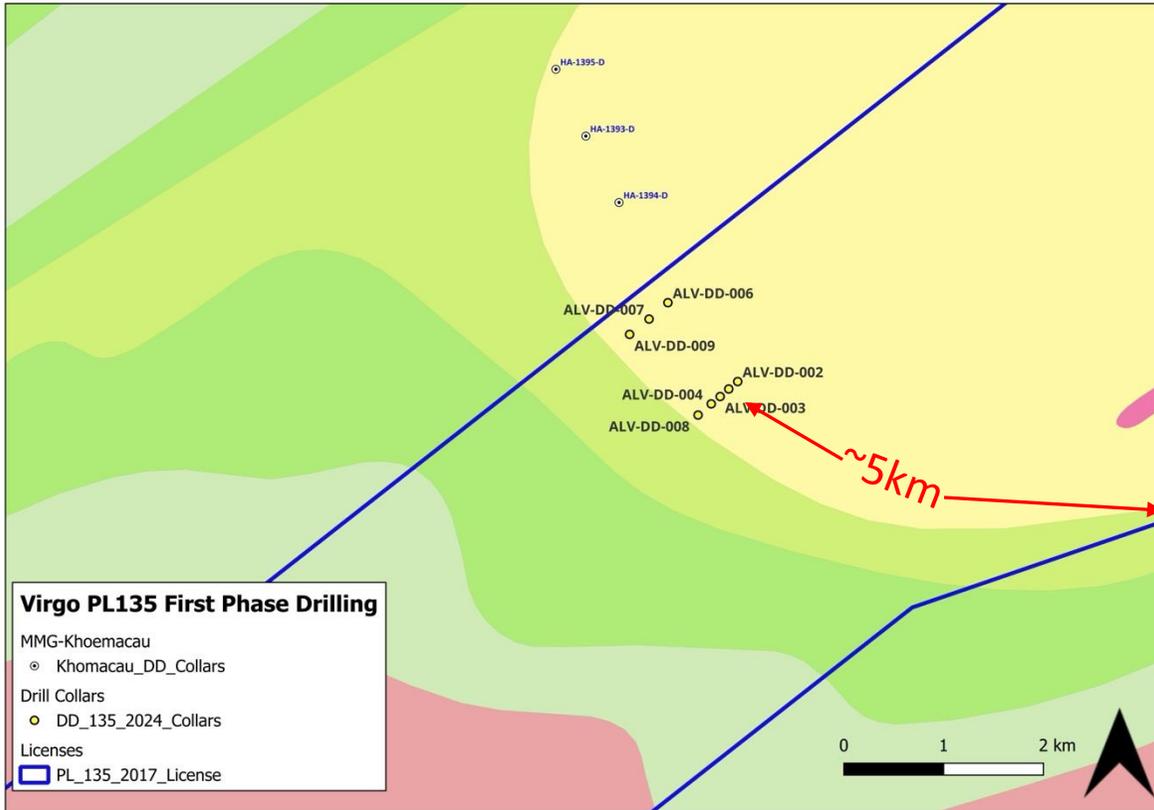


- Both Zone 9 and Mowana Fold Discoveries come up to the PL135 licence boundary
- Scout drill campaign: visible copper mineralisation observed on Mowana side of licence
- Currently reviewing available information to target potential extensions to these Khoemacau discoveries that may trend into PL135
- PL 135 strategically located to Khoemacau’s operations and exploration projects

Stylised geological long section of the Zone 5 Corridor showing the sequence of anticlines and synclines that host the mineralised contact

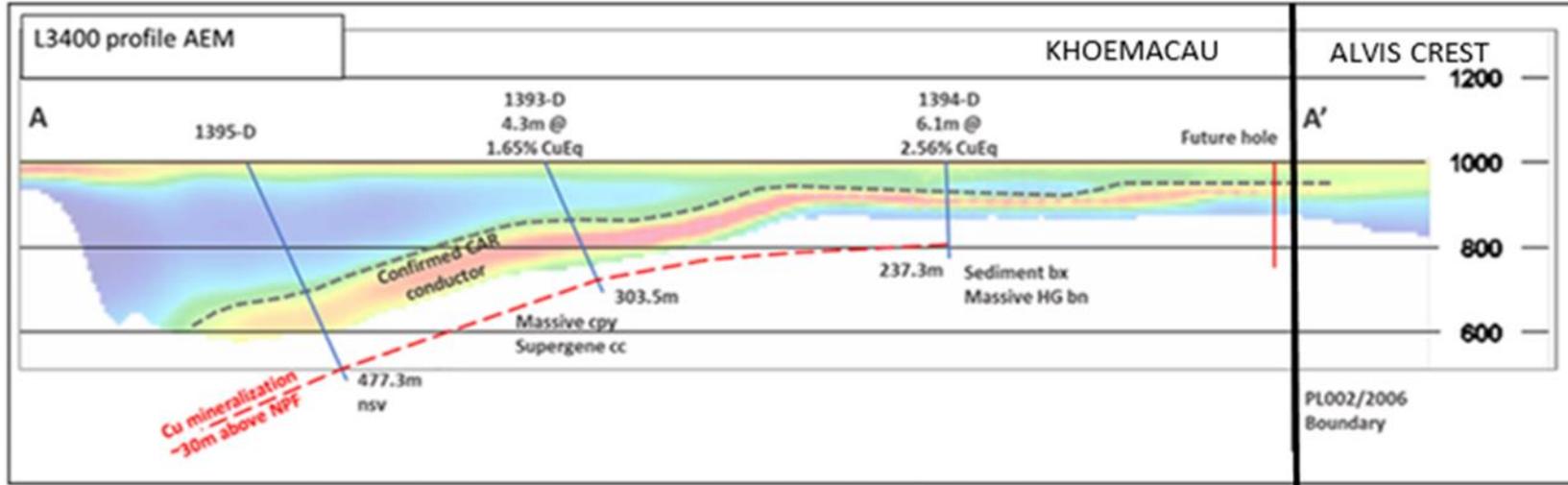


First Phase Drilling - 2024



- Drilling tested extension of Mowana Fold Mineralisation – 3,000m
- ALV-DD-004 intersected 3m @ 1.29% CuEq within a broader 6m @ 0.82% CuEq.
- Geological, Stratigraphic and Structural setting similar to MMG’s Zone 5
- Circa 5km strike heading towards MMG’s Zone 9 deposit remains to be tested

Mowana Fold



AEM cross section of Mowana Fold showing interpretation of an identified conductor



Arc Minerals – An Exciting Investment Proposition



- Multiple Tier-1 copper assets in Zambia
- JV with Anglo American significantly de-risks investment proposition - JV Payment of \$1m due in Q4
- Exposure to a major new exciting copper province in Botswana
- Pursuing new licence(s) in the region
- Experienced Board and management team with a proven track record of successful development of mineral projects
- Strong structural copper fundamentals

Contact us



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