ASX RELEASE (29 NOVEMBER 2024)

AGM Presentation

Tartana Minerals Limited (ASX: **TAT**) (the **Company**), provides the following AGM Presentation being given by the Managing Director, Dr Stephen Bartrop at the 2024 AGM being held later today.

ENDS

This announcement has been approved by the Company Secretary of Tartana Minerals Limited (ASX:TAT).

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About Tartana Minerals Limited (**ASX:TAT**)

Tartana Minerals Limited (ASX:TAT) is a significant copper producer and a copper, gold, silver and zinc explorer and developer in the Chillagoe Region of Far North Queensland. TAT owns several projects of varying maturity, with the most advanced being the Tartana mining leases, which contain an existing heap leach – solvent extraction – crystallisation plant nestled between its Tartana, Queen Grade, and Mountain Maid projects.

TARTANA
MINERALS LIMITED

2024 Annual General Meeting

Copper, Zinc, Gold and Silver Leverage

Production and Resources

29 NOVEMBER 2024

ASX:TAT

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QUALIFYING STATEMENT

The information in this Presentation that relates to Exploration Information is based on information compiled by Dr Stephen Bartrop who is a fellow of the Australian Institute of Geoscientists. Dr Stephen Bartrop, Managing Director of TAT, 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 JORC Code. Dr Stephen Bartrop is full-time personnel of TAT and consents to the inclusion in this announcement of the Exploration Information in the form and context in which it appears.

2024 Year In Review…

Our focus during the 2024 year was:

- **Deliver sustainable copper sulphate pentahydrate production from our heap leach – solvent extraction –crystallisation plant**
- **Conduct metallurgical testwork on our primary copper mineralisation which sits below the old Tartana open pit to assist in the commercialization of this resource**

In exploration, we have:

- Updated the Nightflower Silver Exploration target
- Submitting EPM applications in the Nightflower Region (Bottle Bird & Caldera Rim)
- Secured land access agreements for Mountain Maid Gold, Cardross Copper/Gold and Beefwood project areas
- Presented the Queensland Strategic Metals acquisition to shareholders which provides exposure to critical metals (Sn, W, Sb) as well as copper/gold projects

[2]. See ASX report dated 14th February 2023

[3]. See ASX report dated 20th February 2023

Recapping our project portfolio…

Copper

Tartana Copper

- Copper production and sales, with offtake with Kanins International - from copper sulphate pentahydrate production in TAT's refurbished solvent extraction - crystallization plant.
- JORC 2012 combined Indicated and Inferred Resource at 45,000 tonnes of contained Cu at 0.45% Cu using a 0.2% Cu cut-off grade.[1] Drilling aimed towards increasing the resource to 100,000 tonnes of contained Cu as mineralization remains open at depth.
- Metallurgical testwork completed on primary copper ore – high (~ 90% recovery to saleable concentrate); ore sorting with 72% grade increase recovering 71% of metal. D15 core assays support previous resource estimate and grades.[1]

Copper Exploration

- Regional exploration projects include:
  - Cardross - advanced Mining Lease Application
  - Bellevue – 15 copper gold targets to be tested
  - Dimbulah Copper Porphyry – copper oxide targets
  - Beefwood – large scale buried porphyry target requires drilling

Zinc

Queen Grade Zinc

- Initial open pit resource estimation of 39,000 tonnes of contained zinc at 5.29% Zn using a 0.5% Zn cut-off grade with potential Ag and Pb credits not included in the resource estimation.[2]
- Resource estimated to 130 m depth and is open at depth. Nearby King Vol could indicate mineralisation may extend several hundred metres in depth.
- Flotation testwork indicates high zinc recoveries (>98%) to a zinc concentrate.

Zeehan Zinc

- Sale of final shipment of 15 kt zinc slag being negotiated. Treatment of underlying gold rich tailings being investigated.

Nightflower Silver

- An Exploration Target range upgraded to 2.75 Mt @ 364 g/t Ag Eq for 32 Moz Ag Eq to 5.36 Mt @ 270 g/t Ag Eq for 47 Moz Ag Eq. The Exploration Target is conceptual in nature only and there is no guarantee that further exploration will define a resource (see ASX announcement dated 9 September 2024)..

Gold

Mountain Maid Gold

- Inferred resource of 415 koz at 0.34 g/t Au using 0.2g/t Au cut-off grade including oxide zone of 27.3 Koz at 0.35 g/t Au at or near surface.[3]
- Mineralisation remains open in several directions including south where intersections such as 19m @ 1.30 g/t Au from 34 m (MMRC050) and 16 m @ 1.28 g/t Au from 50 m (MMRC041) have not been followed up.[3]
- Potential by-product credits from Ag, Cu, Mo, Bi, Te and Sb in primary ore and which facilitate Tomra ore sorting (heavy minerals).
- Mining lease application well advanced.

Tartana Valentino Gold

- Historical drilling at Valentino has reported anomalous gold which requires further drilling.

Regional Gold Exploration

- Identified targets on the Kitchin and Arizona prospects requiring drilling.

[1] See ASX report dated 9 February 2023

[2]. See ASX report dated 14th February 2023

[3]. See ASX report dated 20th February 2023

Tartana Heap Leach–Solvent Extraction–Crystallisation Plant

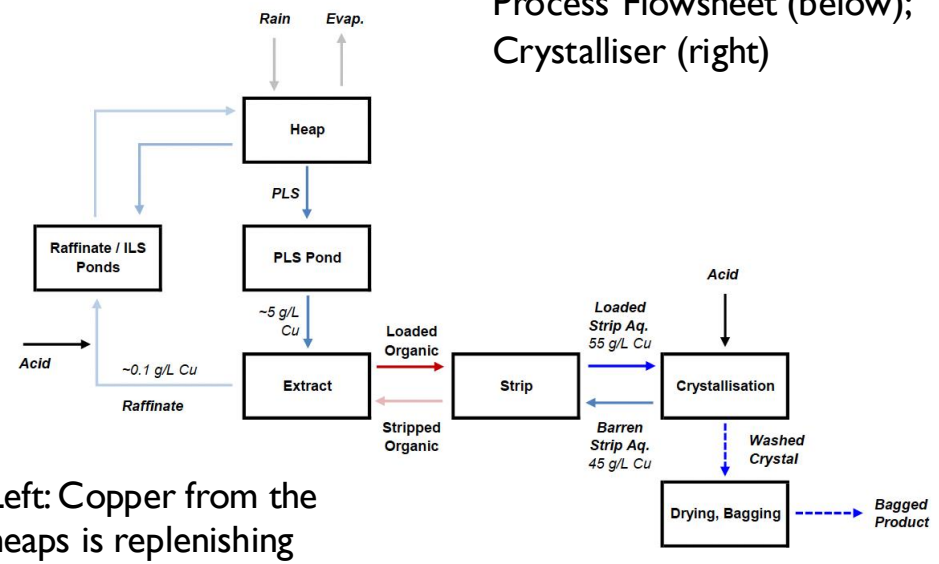
- High quality and 'free flowing' copper sulphate pentahydrate for sale into the mining and agricultural industries through offtaker, Kanins International.
- Copper Sulphate Pentahydrate contains 25% copper with the sale price reflecting 25% of the LME copper price plus a premium.
- Outlook for the copper price is bullish e.g. a UN Trade and Development (UNCTAD) report says critical energy transition mineral supplies are not keeping pace with escalating demand and in the case of copper, this accounts for 36% of the total gap between 2022 and 2030. (Source: SP Angel Morning View 7/5/24)

Resource Category	Zone	Tonnes (Kt)	Cu Grade (%)	Density (t/m^3)	Contained Cu (t)
Indicated	Transitional	1,563	0.51	2.63	7,972
Inferred	Oxide	152	0.34	2.63	518
Inferred	Transitional	1,252	0.47	2.63	5,884
Inferred	Fresh	7,072	0.43	2.63	30,407
Total		10,039	0.45	2.63	44,781

From MRE report dated 9 February 2023 (ASX)

Tartana Heap Leach–Solvent Extraction–Crystallisation Plant

Left: Copper from the heaps is replenishing the ponds



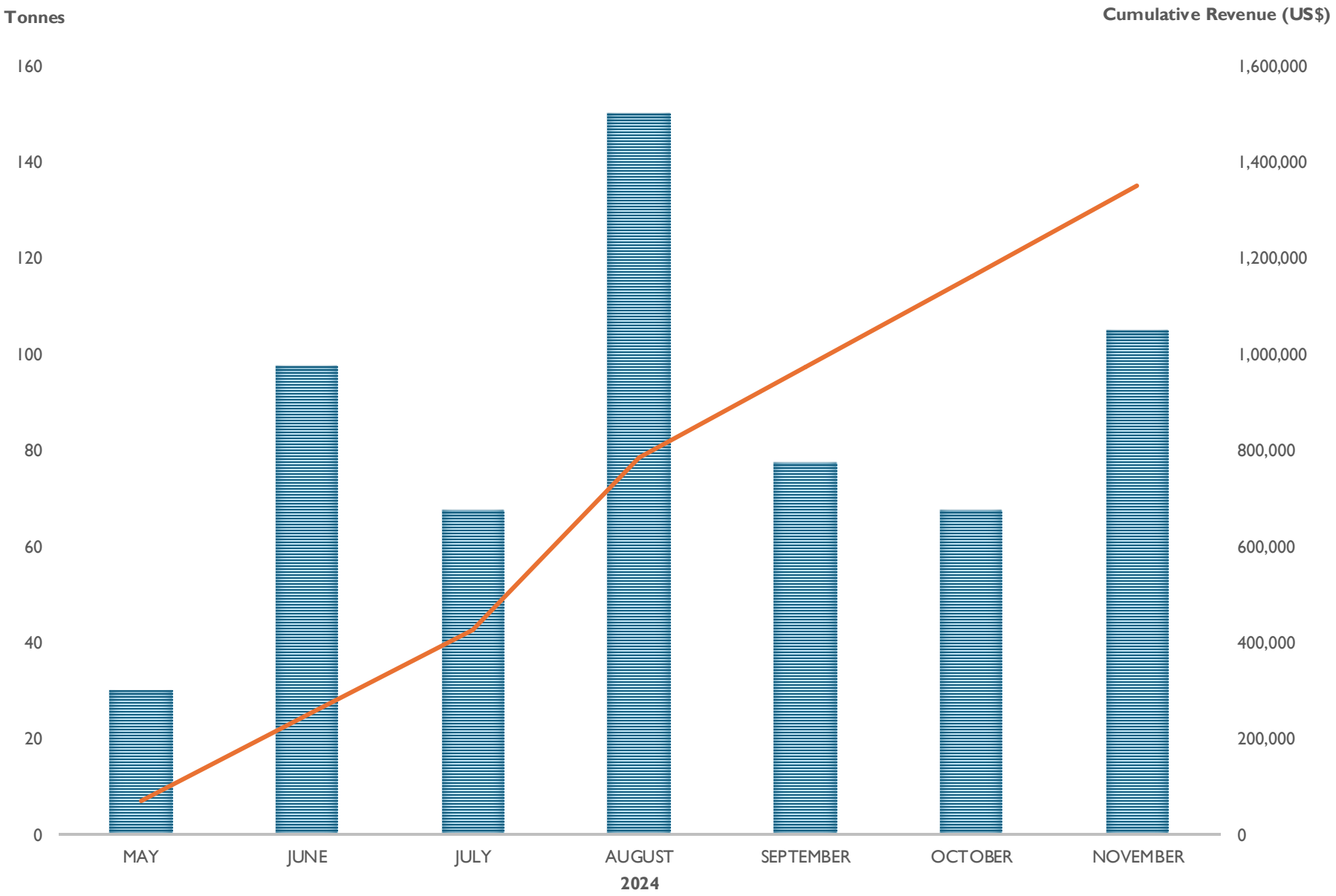
Process Flowsheet (below); Crystalliser (right)

- Initial copper is being sourced from copper dissolved in the ponds. The mild acid in the return solution (raffinate) is being placed on the heaps and triggering the release of copper which is replenishing the ponds.
- As the copper inventory in the heap diminishes, mining is planned to replenish the existing heaps with copper ore from the open pit and northern oxide zone.

Copper Sulphate Pentahydrate Shipments

- The heap leach – solvent extraction – crystallisation circuit at Tartana is similar to a heap leach solvent extraction – electrowinning plant (e.g. Nifty Copper Mine (ASX:CYM), Capricorn Copper Mine (ASX:29M) except we produce copper sulphate pentahydrate instead of cathode copper.
- Current operating costs are around US$1.29/lb reflecting the ready availability of copper in the ponds. This provides a 70% margin against the current US$4.34/lb copper price.
- Sales of the copper sulphate pentahydrate "captures" the full value of the contained copper and is priced on the LME copper price average for previous month plus a premium. This provides greater value than copper in concentrate sales which attracts a one-unit (1%) deduction and incurs treatment and refinery charges.

COPPER SULPHATE PENTAHYDRATE PRODUCTION



Note: November includes 4 bags of production to month end

Copper Sulphate Market

- **Copper Sulphate Market size was valued at USD 1.13 Billion in 2021 and is poised to grow from USD 1.2 Billion in 2022 to USD 1.88 Billion by 2030, at a CAGR of 5.80% during the forecast period (2023-2030)..**

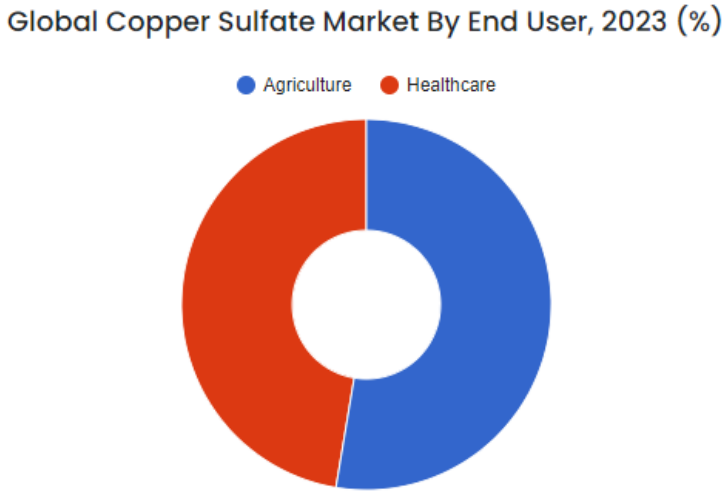
- Skyquest[1] report that the Global Copper Sulfate Market is experiencing steady growth, driven by a diverse range of industries that utilize copper sulphate in various applications. In the agriculture sector, copper sulphate is a key component of fungicides and herbicides, playing a vital role in disease control and plant protection. Its application in the mining industry for ore flotation enhances the extraction of valuable minerals. Additionally, the chemical industry utilizes copper sulphate in the synthesis of dyes, pigments, and other chemicals. It is also used as an algaecide and in water treatment to control algae growth and eliminate harmful microorganisms in water bodies.

Demand Drivers

The agricultural feed grade segment is the dominant product category in the Global Copper Sulfate Market. and is primarily used as a nutritional supplement for livestock, particularly in poultry and swine diets. It serves as a source of copper, an essential micronutrient necessary for the proper growth and health of animals. Copper sulfate in feed helps improve the overall health of livestock, enhances their immune systems, and supports various metabolic processes. The increasing demand for high-quality animal products and the need to optimize animal nutrition drive the dominance of the feed grade segment in the global market.

It is also widely used in agriculture as a key component of fungicides and herbicides as it plays a crucial role in disease control and plant protection, helping to prevent fungal infections and control weed growth. With the increasing global population and the need to enhance agricultural productivity, farmers and agricultural industries heavily rely on copper sulfate-based solutions to safeguard their crops and improve yields.

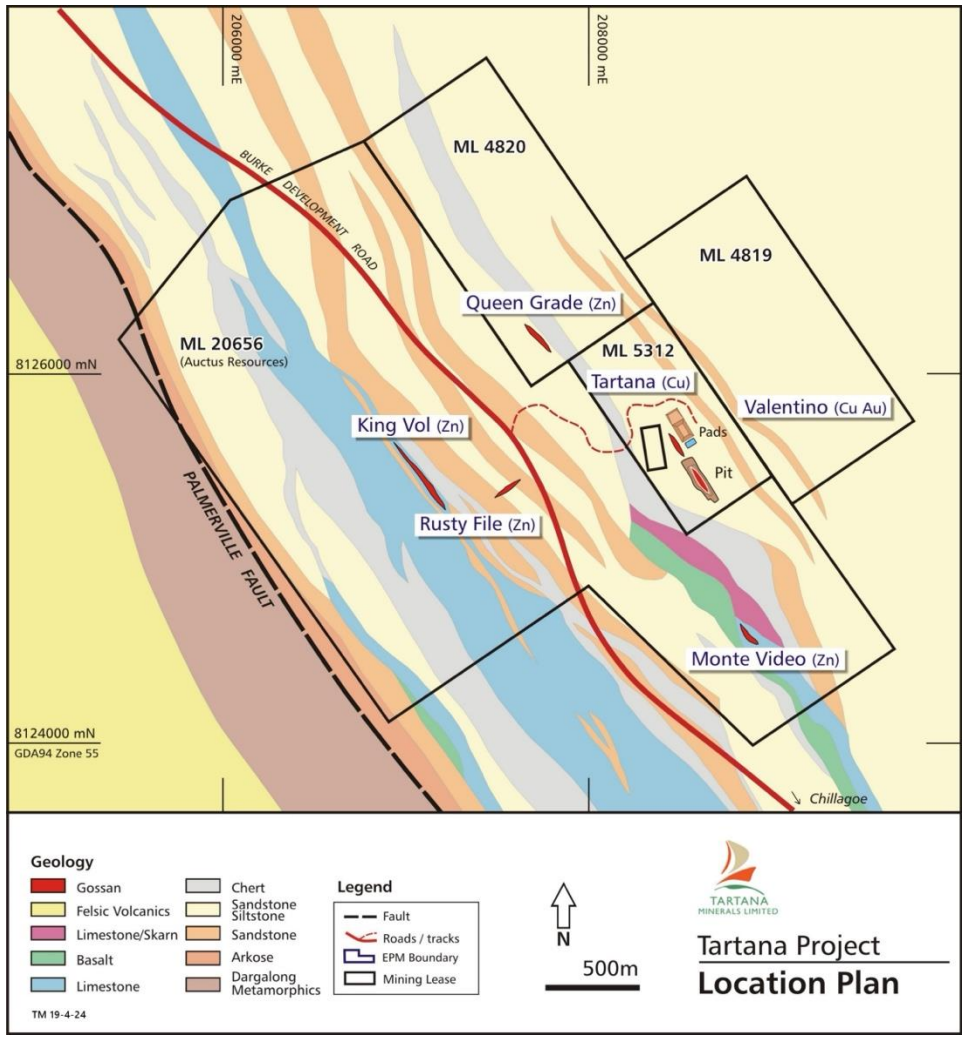
The healthcare segment is the fastest-growing end-use segment in the market with applications in healthcare, particularly in wound care and topical treatments. It exhibits antimicrobial properties and is utilized in certain medical formulations to help prevent infections and promote healing in wounds.



Tartana Minerals is investigating options to sell into the agricultural market.

[1] Available at: https://www.skyquestt.com/report/copper-sulfate-market#:~:text=Copper%20Sulfate%20Market%20Insights,period%20(2023%2D2030)

Tartana Mine Lease Projects



Copper Production

- Heap Leach – Solvent Extraction Crystallisation plant producing copper sulphate pentahydrate

Copper Primary Sulphide Resource

- Indicated and inferred resources of 45,000 tonnes contained copper in open pit *(see page 4)*.
- Drilling and ore sorting testwork in progress

Queen Grade Zinc Project

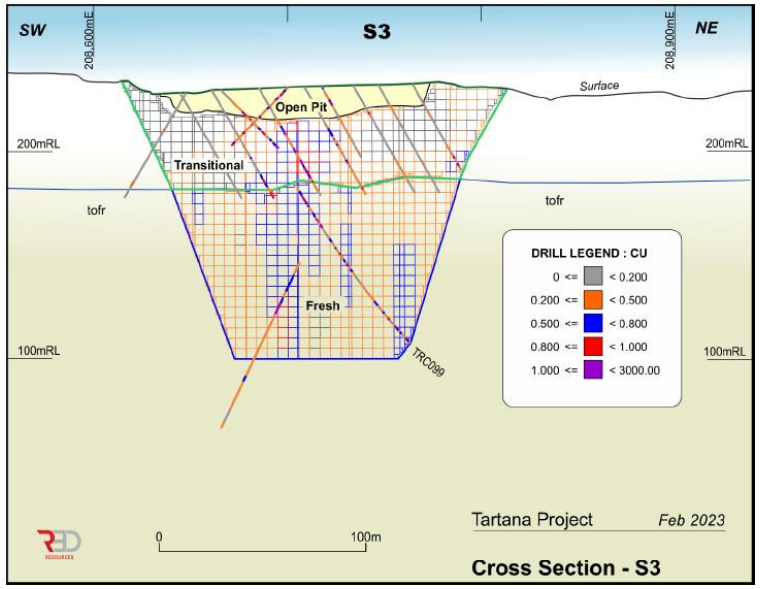
- Inferred resource of 39,000 tonnes contained zinc in open pit *(see page 9)*.
- Drilling planned to extend resource

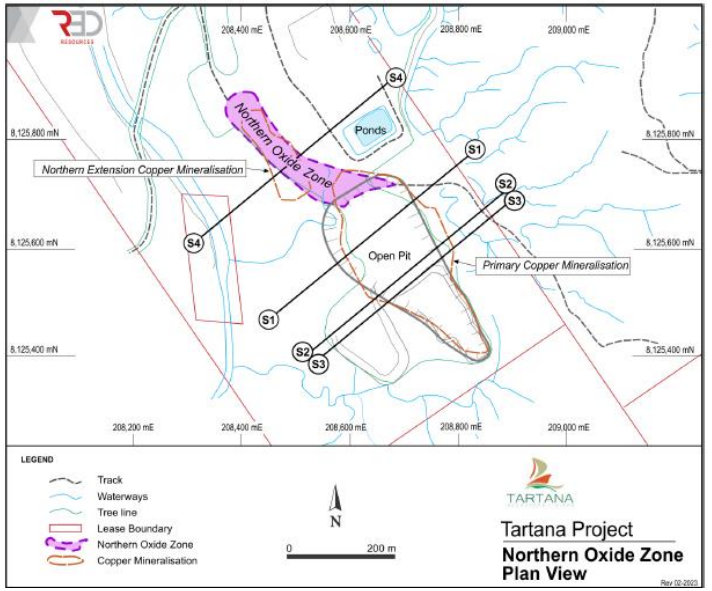
Valentino Gold/Copper Prospect

- Gold and copper mineralisation intersected in historical drilling
- Soil Geochem survey indicates gold zonation
- Follow up drilling required

Tartana Open Pit Copper

- 2023 Resource Estimate (MRE) was estimated from 12 m to 130 m depth (118 m) below the pit floor.
- The pit floor is 12 m deep from surface with the northern part of the pit filled with waste rock and spent heap leach material.
- Mineralisation is like to continue to at least 450 m depth as indicated by historical drilling (both TAT and others) and nearby mines.
- Drilling planned to target a resource increase of >100,000 tonnes of Cu (further 100 m depth)





Block model in section used for MRE to 130 m depth.

Cutoff Grade	TRANSITIONAL & OXIDE RESOURCES			TOTAL PRIMARY AND TRANSITIONAL		
(% Cu)	Tonnage (t)	Cu (%)	Contained Cu (t)	Tonnage (t)	Cu (%)	Contained Cu (t)
0	4,082,062	0.38	15,577	13,214,997	0.37	48,935
0.1	3,676,819	0.42	15,351	12,299,127	0.39	48,026
0.2	2,971,516	0.48	14,371	10,037,553	0.45	45,008
0.3	2,090,093	0.58	12,183	7,086,167	0.53	37,515
0.4	1,503,603	0.67	10,090	4,623,416	0.63	29,080
0.5	1,044,386	0.78	8,102	3,044,249	0.72	21,996
0.6	707,985	0.88	6,225	1,981,924	0.81	16,137
0.7	456,542	1.01	4,601	1,176,296	0.93	10,894

Tartana in pit resource at various copper cut-off grades and resource classification.

Resource Category	Zone	Tonnes (Kt)	Cu Grade (%)	Density (t/m³)	Contained Cu (t)
Indicated	Transitional	1,563	0.51	2.63	7,972
Inferred	Oxide	152	0.34	2.63	518
Inferred	Transitional	1,252	0.47	2.63	5,884
Inferred	Fresh	7,072	0.43	2.63	30,407
Total		10,039	0.45	2.63	44,781

From MRE report dated 9 February 2023 (ASX)

Tartana Open Pit Copper

- Drilling of D15 Metallurgical Hole in May 2024 highlighted extensive zones of mineralisation outlined below.
- Intersections potentially indicative of resource tonnes – grade dynamics.
- A lower cut-off grade is likely to result in large zones of mineralisation with a low the strip ratio.
- Host rock is relatively soft arkosic sandstones and shales.
- Potential to utilize ore sorting to upgrade average Cu grade for processing.

From m	To m	Intersection m	Cu	Ag g/t	Au g/t	Co ppm
31	107	76	0.60%	6.0	0.03	34.1
31	180	149	0.44%	4.5	0.03	25.9
31	199	168	0.42%	4.2	0.02	25.1
31	209	178	0.40%	4.1	0.02	24.4
31	233	202	0.36%	4.0	0.02	23.4
31	243	212	0.35%	3.9	0.02	22.9
31	256	225	0.34%	3.8	0.02	22.4
31	293	262	0.30%	3.8	0.02	20.5

D15 diamond hole mineralised zones at various average copper grades.

See ASX announcement dated 28 October 2024

Tomra Ore Sorting

- Bulk Sample data indicates that using this process will result in a 72% grade increase while recovering 71% of the contained copper.
- The bulk sample had an average copper grade (0.26% Cu) which was below the resource grade average and it is likely that higher grade material will result in a higher upgrade and recover a greater proportion of the metal content.
- Processing involves crushing to <40 mm and then removing < 8 mm fines. The 40 mm – 8 mm fraction is sorted using Tomra ore sorting using Xrays.
- The bulk sample results in a 72% grade increase while recovering 76% of the contained copper.
- Scope to apply Tomra ore sorting to all or part of the mineralisation.

See ASX announcement dated 28 October 2024

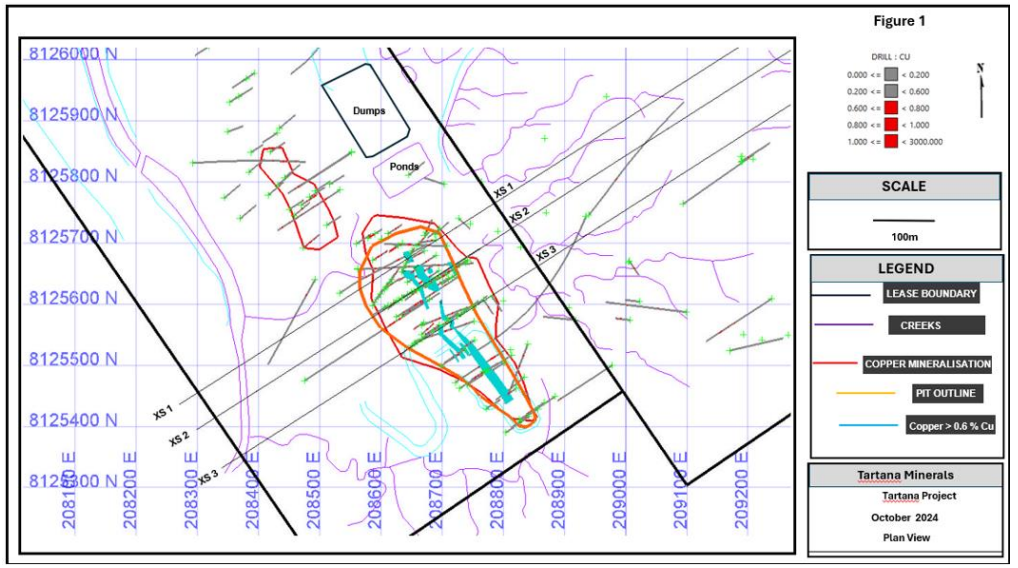
Sample	Sample size kg	Metal Recovery	Grade Increase	Initial Sample Grade % Cu
Trial Sample	18.4	76%	94%	0.28%
Bulk Sample	650	71%	72%	0.26%

Summary of ore sorting bulk sample results above, detailed results below.

	Mass		Copper						
	(kg)	Deportment	Grade (%w/w)	Upgrade Multiple	Mass (kg)	Deportment	Deportment to Oxides	Deportment to 2nd-ries	Deportment to Primary
Feed (ore)	671.0		0.258%		1.728		6.9%	3.0%	90.2%
Fines	85.4	12.7%	0.276%	1.1	0.236	13.6%	1.3%	0.4%	11.9%
Product 1	35.6	5.3%	1.540%	6.0	0.548	31.7%	1.5%	0.7%	29.5%
Product 2	156.0	23.2%	0.287%	1.1	0.448	25.9%	2.2%	0.8%	22.9%
Waste	394.0	58.7%	0.126%	0.5	0.496	28.7%	1.8%	1.0%	25.9%
Fines + Prod 1 + Prod 2:	277.0	41.3%	0.445%	1.7	1.232	71.3%	5.1%	1.9%	64.3%

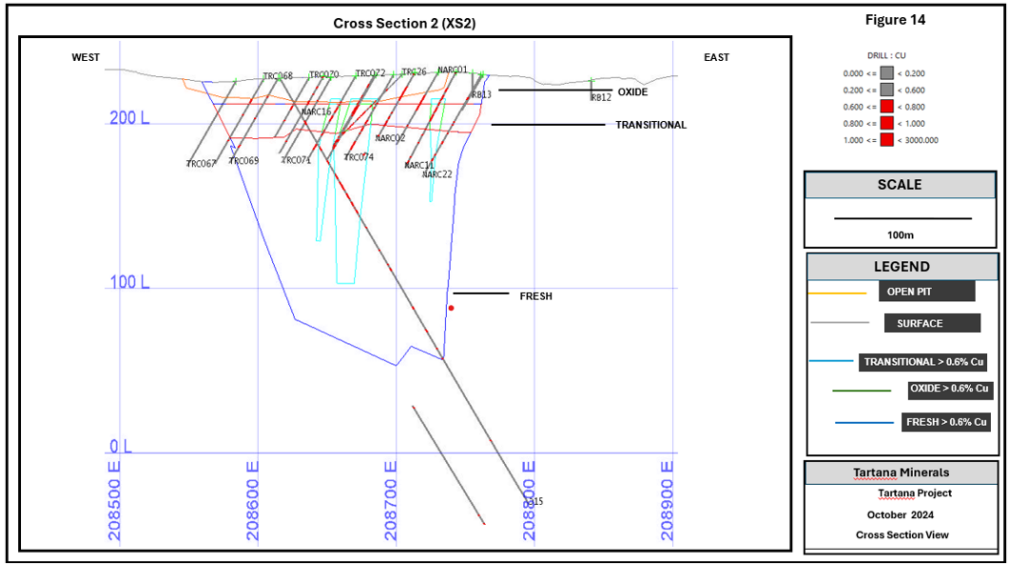
Tartana Open Pit Copper

- Scope to high grade existing resource (to 12 m to 130 m) with 1 Mt @ 0.82 % Cu zone within the existing MRE (in blue)
- Potential to use Tomra ore sorting for all mineralisation or lower grade portion only



High grade portion of the Tartana open pit (12 m to 130 m)

	Cut-off Grade (% Cu)	Average Cu Grade (%)	Tonnage	Contained Copper (t)	Contained Copper (Transition & Primary)
Oxide	0.6	0.80%	32,481	260	
Transition	0.6	1.01%	263,592	2,662	2,662
Primary	0.6	0.75%	763,923	5,729	5,729
Total	0.6	0.82%	1,059,996	8,652	8,392



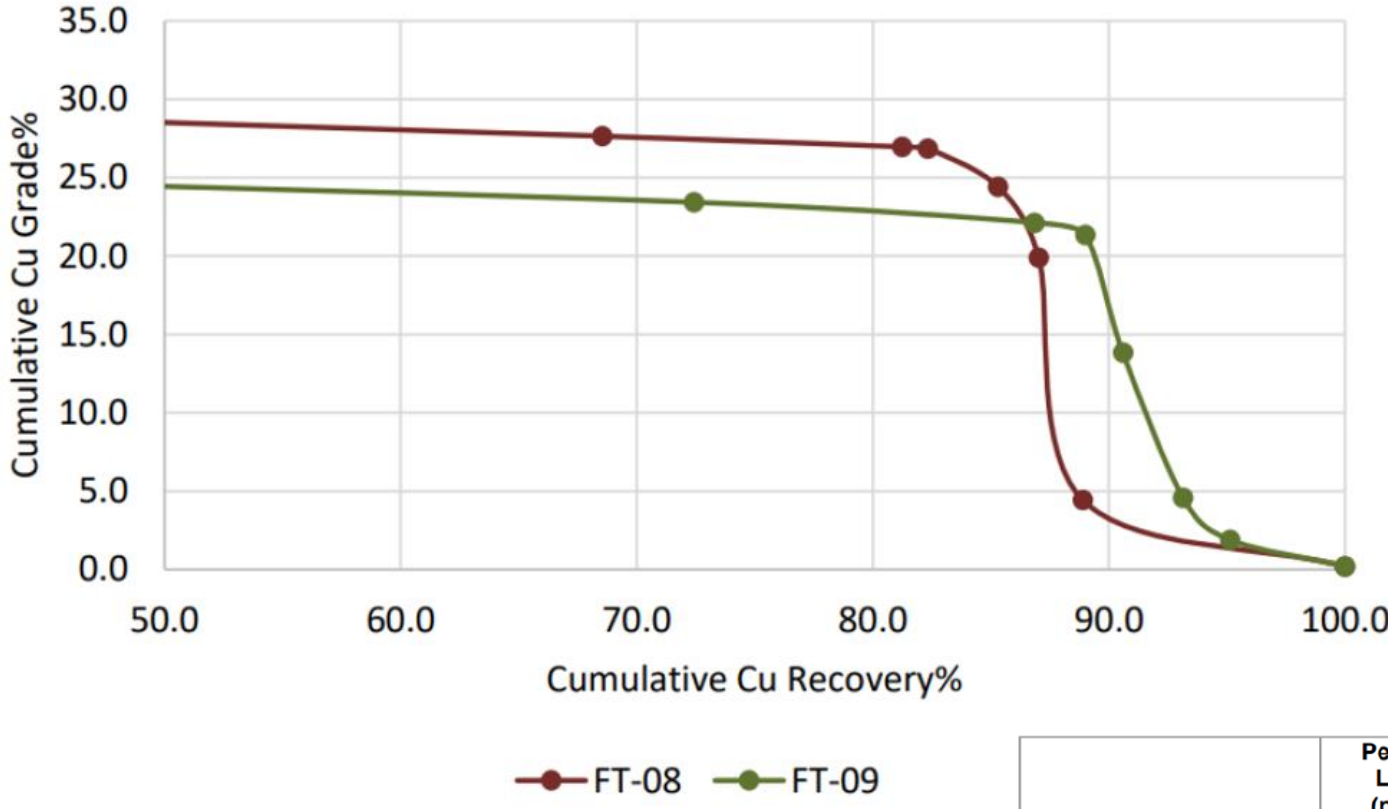
Tartana in pit resource excluding mineralisation above 0.6% Cu (to 130m)

	Cut-off Grade (% Cu)	Average Cu Grade (%)	Tonnage	Contained Copper (t)	Contained Copper (Transition & Primary) (t)
Oxide	0.2	0.47%	566,935	2,677	
Transition	0.2	0.40%	1,355,030	5,431	5,431
Primary	0.2	0.37%	6,533,757	24,191	24,191
Total	0.2	0.38%	8,455,722	32,299	29,622

See ASX announcement dated 28 October 2024

Tartana Open Pit Copper

High concentrate recoveries (~90%) saleable concentrate. Recoveries expected to be even higher at average resource grade.



	Penalty Limit (ppm)	FT-08 Con (ppm)	FT-09 Con (ppm)
Arsenic – As	2000	2120	1110
Antimony – Sb	500	216	238
Bismuth – Bi	200	274	247
Cadmium – Cd	300	38	27
Lead – Pb	10000	4900	2560
Nickel + Cobalt – Ni + Co	5000	478	387
Selenium – Se	300	< 25	< 25
Zinc – Zn	30000	9640	6440

The saleable concentrates produced were generally low in penalty elements although more work may be required to ensure lower As and Bi levels

See ASX announcement dated 28 October 2024

Tartana Copper – Next Steps

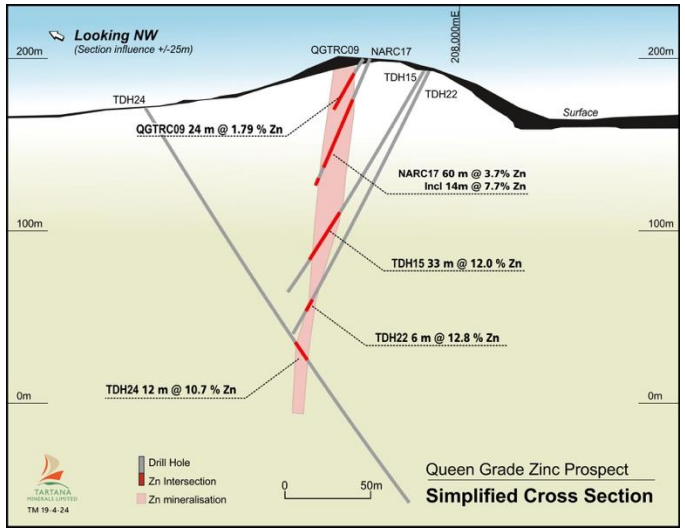
Investigate options for processing:

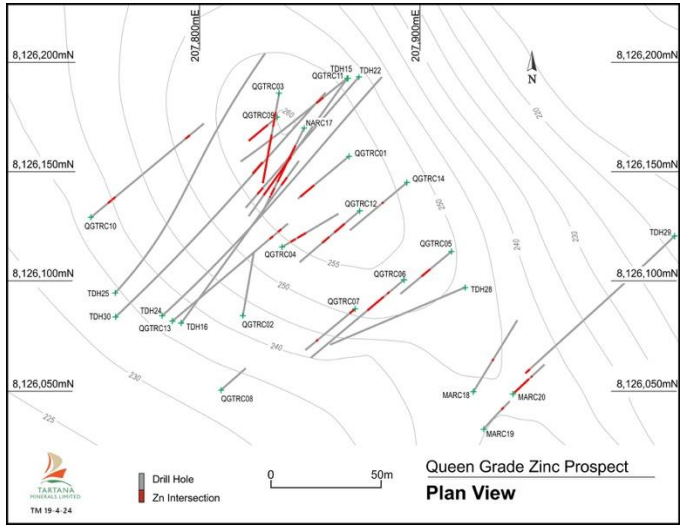
- Nearby available plants which can process chalcopyrite copper mineralisation
- Investigate options for purchasing a second-hand base metals flotation plant and relocating and installing it on the Tartana mine site

This project is separate from Tartana Mineral's existing heap leach – solvent extraction – crystallisation plant which is producing copper sulphate pentahydrate.

(Tartana open pit partially backfilled (top), Copper mineralisation in pit walls (bottom)

Queen Grade Zinc





Grade Cut off (%)	Tonnes (kt)	Zn Grade (%)	Density (t/m^3)	Zn (kt))
0.5	734	5.29	3.14	38.9
1.5	563	6.62	3.14	37.3
2.5	495	7.25	3.14	35.9
5	355	8.63	3.14	30.6

Maiden Inferred Zinc Resource reported to ASX on 14 February 2023

- Maiden resource estimated for the Queen Grade Zinc deposit within the Tartana mining leases
- Total Inferred Resources of 39,000 tonnes of contained zinc at 5.29% Zn using a 0.5% Zn cut-off grade with potential Ag and Pb credits not included in the resource estimation.
- Resources estimated to 160 m depth with the mineralisation outcropping on a ridge line. Mineralisation remains open at depth.
- Mineralisation style is similar to nearby King Vol orebody indicating scope for continuity to significant depths e.g. > 500 m
- Flotation testwork indicates high zinc recoveries of >98% to a concentrate grading 42% zinc with initial rougher flotation testwork
- Next steps include drilling to extend and upgrade resource as well as initial open pit mine design.

Maid Gold

- Maid is interpreted as an Intrusion Related Gold System (IRGS) with gold mineralisation occurring in quartz vein stockworks
- Inferred resource of 415 koz at 0.34 g/t Au using 0.2 g/t Au cut-off grade including oxidised zone of 37.3 koz at 0.35 g/t Au at or near surface (see Mountain Maid Resource Upgrade dated 20 February 2023).
- Mining Lease Application in advanced stages.

Two potential projects:

- Heap leach Project
  - Historical leach tests indicate 80% recovery in oxide zone reducing to ¬40% in primary zone.
- CIL/CIP Gold Project
  - Higher grade zones
  - Potential by-product credits from Ag, Cu, Mo, Bi, Te and Sb.
  - Ore sorting potential.

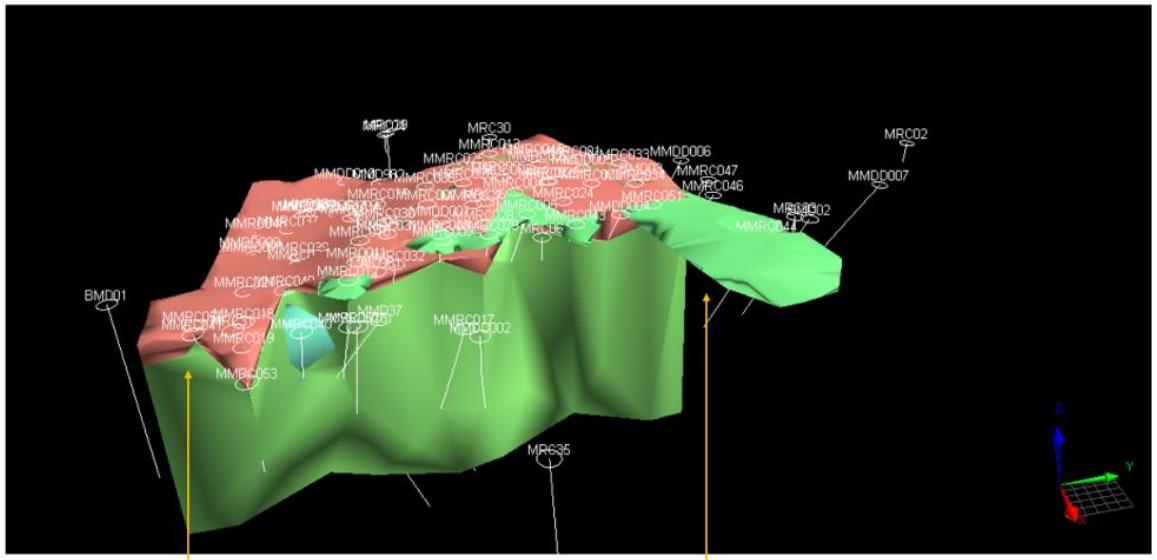
Exploration

- Mineralisation open in several directions.
- Intersections such as 19 m @ 1.30 g/t Au from 34 m (MMRC050) and 16 m @ 1.28 g/t Au from 50 m (MMRC041) are open to south.

Grade Cut off (Au g/t)	Tonnes (Mt)	Au Grade (g/t)	Density (t/m³)	Contained Au (koz)
0.1	73.6	0.25	2.6	591.5
0.2	38.0	0.34	2.6	415.5
0.3	16.7	0.46	2.6	247.0
0.5	5.3	0.66	2.6	112.2

Grade Cut off (Au g/t)	Tonnes (Mt)	Au Grade (g/t)	Density (t/m³)	Contained Au (koz)
0.1	6.3	0.25	2.6	51.0
0.2	3.3	0.35	2.6	37.3
0.3	1.5	0.47	2.6	23.0
0.5	0.6	0.63	2.6	11.5

(a) Global inferred mineral resource including oxide resource (b) Oxide resource only

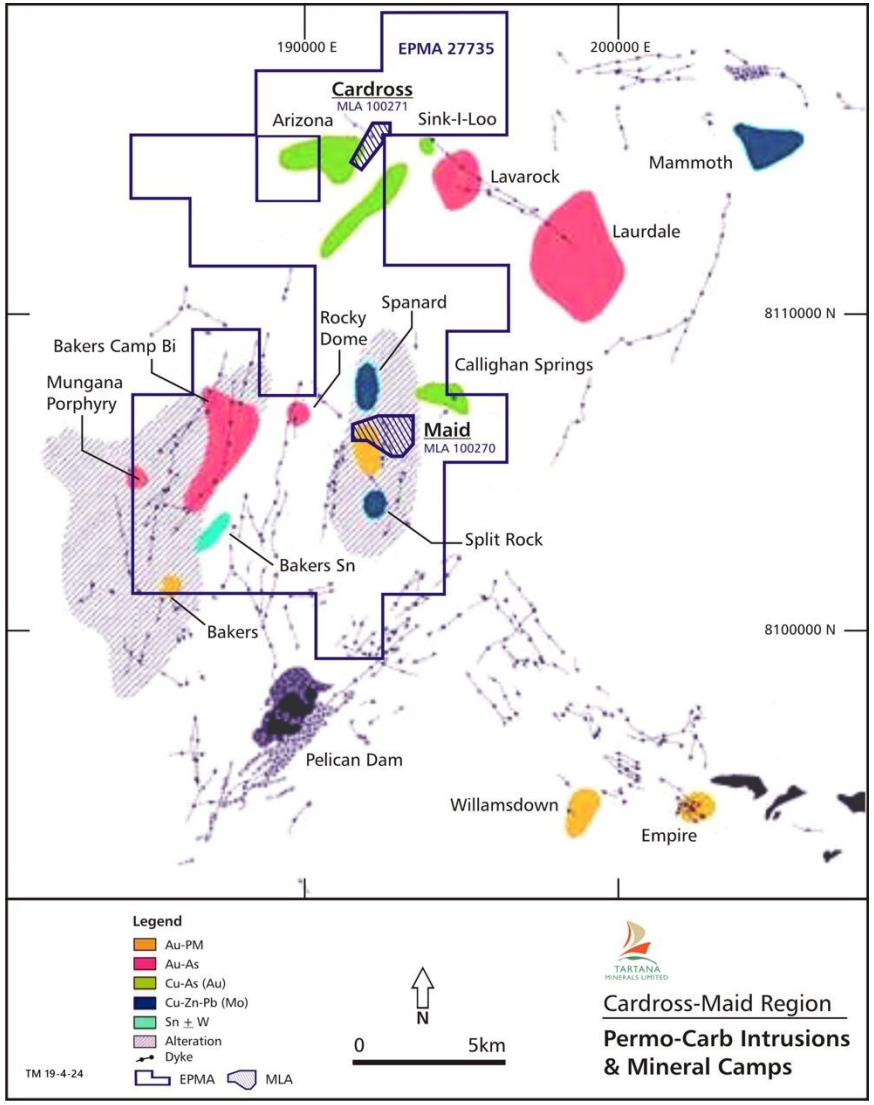


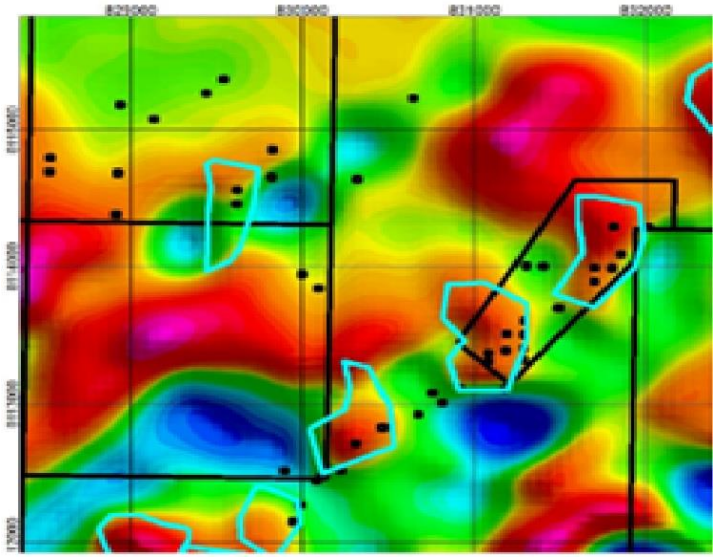
Drilling on the most southerly section recorded 19m @ 1.30 g/t Au in MMRC050 from 34m and 16m @ 1.28g/t Au from 50 m (within 44 m @ 0.64g/t Au) in MMRC041. Limited drilling south of this section, particularly if the mineralised body is arcuate shaped.

Untested below surface mineralisation on the historical assumption that the mineralisation strikes north – south and is not arcuate.

See Mountain Maid Gold Resource Upgrade report dated 20 February 2023

Cardross Copper/Gold





Recent geophysical interpretation has identified discrete magnetic highs associated with mineralisation *(black dots represent individual prospects, red areas represent high mag intensity) (see AGM presentation dated 28 November 2022).*

Historical drilling[1] indicate encouraging copper and gold intersections.

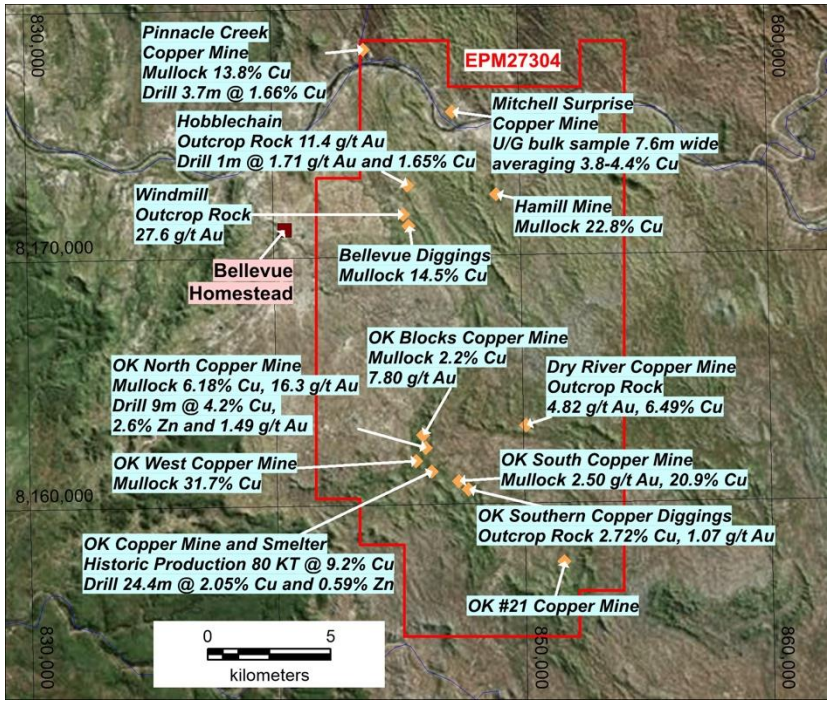
- 19 m of 1.17 % Cu from 3.00 m CA12AT012
- 18 m of 0.74 % Cu from 6.50 m CA12AT011
- 11 m of 1.21 % Cu from 4.75 m CA12AT013
- 7 m of 1.67 g/t Au from 6.50 m CA12AT011
- 2 m of 4.81 g/t Au from 3.00 m CA12AT070

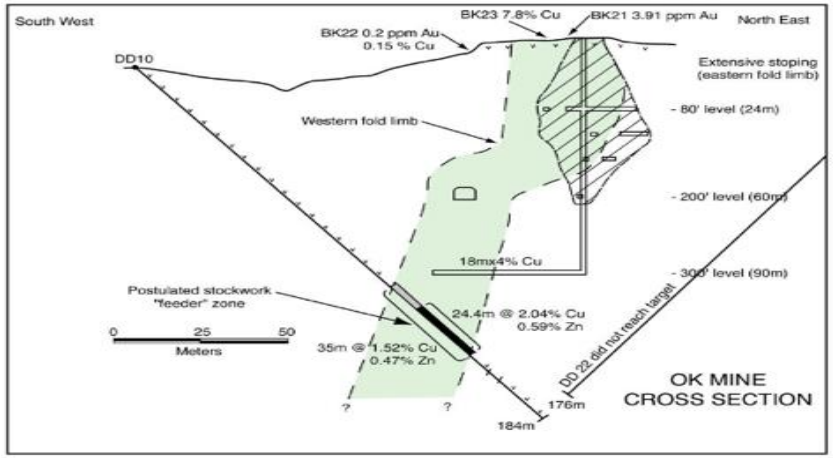
Next step is follow-up drilling.

[1] See Axiom 2009 Annual Report

Bellevue Copper/Gold

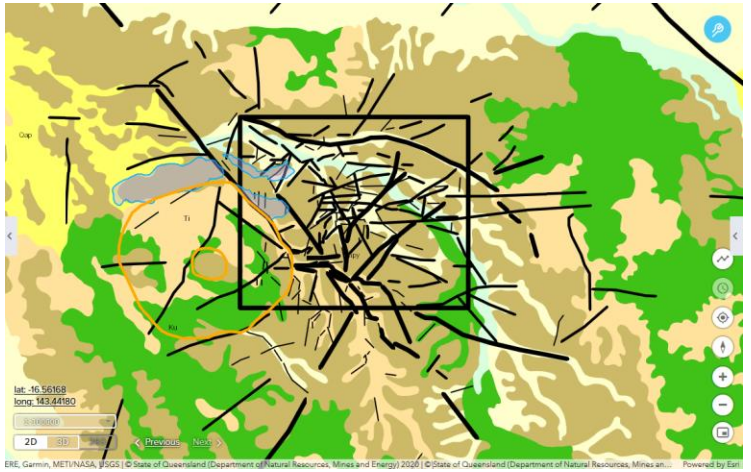
- Bellevue/Dry River has more than 15 separate copper/gold prospects following a prospective stratigraphy
- The OK Mines group have been interpreted as a VHMS mineralisation style based on the presence of nearby volcanic units
- Haematic iron-stone breccias are also nearby with an unclear relationship to copper mineralisation
- Tartana Minerals has flown a Falcon Gravity/Mag survey across the tenements which has identified three priority targets including the OK Mines Group
- These priority targets have gravity anomalies which may represent untested mineralisation that has 'leaked' to the surface and expressed in the mines and prospects.
- Bellevue/Dry River tenements have now been extended to cover the same stratigraphy with the OK South tenement application.
- Future exploration will involve wild cat drilling to test depth extensions to the various prospects.



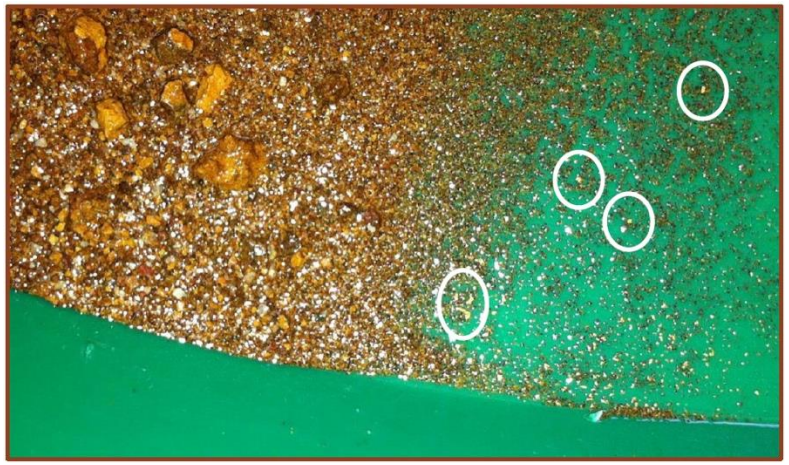


Beefwood Copper/Gold

- Geophysical and geochemical targeting of potential large scale mineralised targets under cover sediments.
- Falcon Gravity/Magnetic survey completed identifying large copper/gold and REE targets associated with igneous intrusions (e.g. IRGS).
- Geochemical support for some targets including by anomalous gold and indicator metals at surface (up to 282 g/t Au)[1].
- Reconnaissance exploration drilling planned.



[1]See ASX announcement dated 3 August 2021

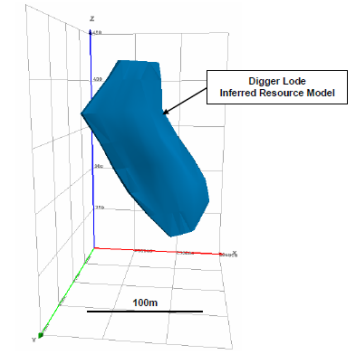


(a) Surface float samples with sulphides, (b) outcropping bedrock, (c) gold specks from surface sampling, (above) – interpreted structures

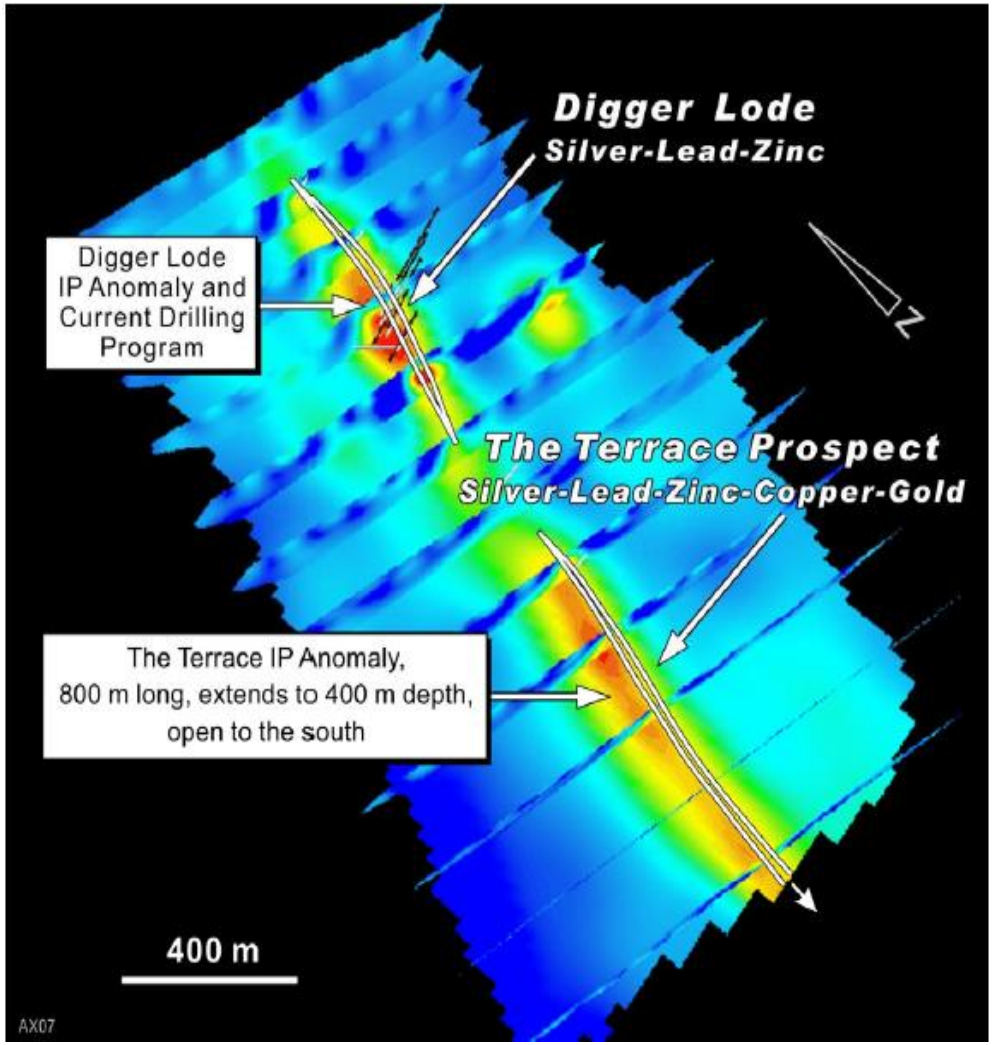
Nightflower Silver

- High grade silver-lead-zinc lode outcropping at surface
- IP anomalies indicate target zones with historical small-scale mining along the Digger Lode and Terrace Prospect
- An Exploration Target range upgraded to 2.75 Mt @ 364 g/t Ag Eq for 32 Moz Ag Eq to 5.36 Mt @ 270 g/t Ag Eq for 47 Moz Ag Eq. The Exploration Target is conceptual in nature only and there is no guarantee that further exploration will define a resource (see ASX announcement dated 9 September 2024).
- Next steps involves down dip drilling to test mineralisation continuity of both the Digger Lode and the Terrace Prospect

Hole No.	From (m)	To (m)	Interval (m)	Silver (g/t)	Gold (g/t)	Lead (%)	Zinc (%)	Copper (%)
NF08DD17	152.3	154.2	1.9	164.4	0.18	3.32	0.86	0.30
	154.2	154.9	0.7	24.8	1.41	0.56	0.23	
NF08DD18	144	153	9	62.2	0.21	1.25	0.8	
including	151	153	2	158.7	0.34	2.79	1.15	0.33
NF08DD19	70	109	39	181	0.32	4.4	1.16	
including	93	102	9	506	0.3	12.6	1.46	0.41
including	98	102	4	769	0.61	22.4	2.23	0.5
including	105	107	2		2.5			
NF08DD20	142	147	5	59.3		1.54	0.8	
including	142	144	2	121	0.21	3.35	1.1	
NF08DD21	213	215	2	110.7	1.39	1.03	2.59	0.79
	218	219	1	58.8	12.8			
NF08DD22	275	277	2	329.5	0.08	10.5	3.99	0.2
NF08DD23	433.8	436.6	2.8	60.1	0.69	1.76	0.35	0.14
	438.8	442.8	4	49.7	1.24	1.12	0.35	
NF08DD24	76	79	3	51.8		1.28	1.6	

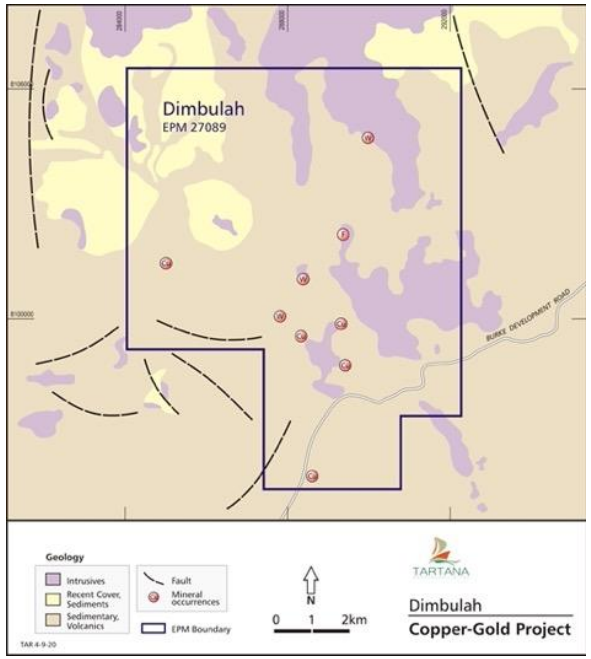


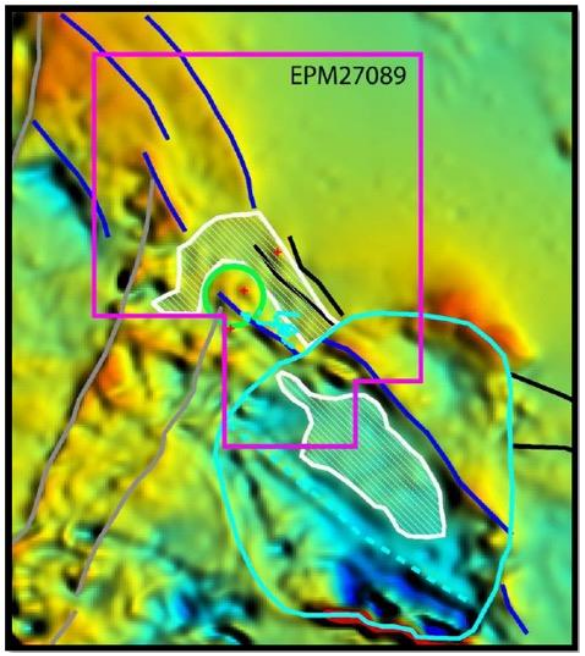
Digger Lode Inferred Mineral Resource 3D model shell (view is in section, looking north)

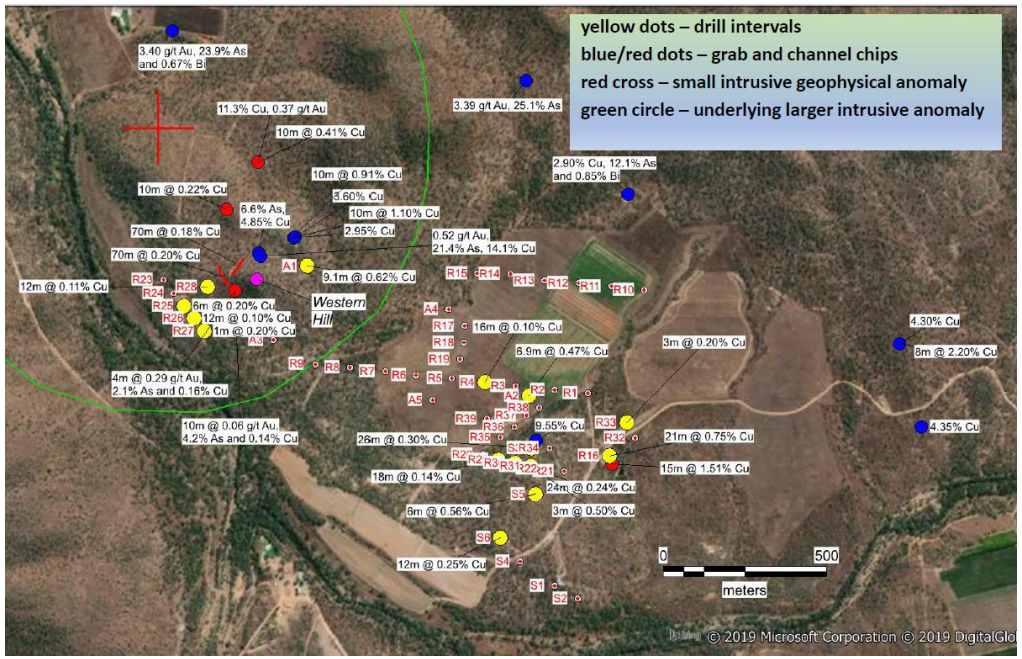


See Axiom Sept Quarterly 2008 dated 31 October 2008)

Dimbulah Porphyry Copper







(a) General Geology, (b) EPM 27089 Airborne Geophysics - Interpretation with sunshaded TMI backdrop.(source: Company, Vidanovich 2019).

Historical sampling and drilling by past explorers. Note results may not meet JORC 2012 standards. For further detail see R3D Resources Prospectus dated 26 May 2021.

- Covers a copper-mineralised, multi-phase porphyry intrusive identified from historical drill intersections, mapping and geophysics.
- Numerous historical workings and in the drilling by past explorers, particularly on Porphyry Hill.
- A geophysical interpretation is that the project covers the site of intersecting ring faults from four separate caldera collapse events and that the faults may have been fluid pathways for mineralising fluids and melts.
- Geophysical review and site inspections have identified drill targets

Queensland Strategic Metals (QSM)

Potential to acquire Critical and Strategic Metal Exposure in Far North Queensland
(See ASX announcement data 18 October 2024)

EPM Name	27238 Lady Agnes	27239 Billing Knob	27340 Hemit hill	27356 Spinifex	27381 Ozzie (Fulford Creek)	EPM 25713, 26974 EMPa 2875 Mt Moran	EPM 26321 Cherry Tree
Projects/Prospects	Mountain Maid	Johnny Graham	Silver Spray	Sandy Creek	Fulford Creek	**Ortona**	**QSM identfied targets**
	Comeno	Brown Snake	Silver Carlo	Sid's	Abella	**Ortona Selected Lodes**	
	Lady Agnes	Evans Show	William Tell	Halpin Creek	Pat 'n' Peter		
	Agnes Extended	Sydney Tungsten	Chance	Martins No. 3	**Tap 'n' Toe**		
	Lady Eileen	Lucky Spot	Hermit	Shirley	Warbies		
	Viceroy	Second Division	Key of the Mountains	Colleen	Warby		
		Sultan	Back Creek Antimony	Mike's Moly	Tenacity No. 1 & 2		
		Cave	**Laheys Creek Antimony**	Lord Windemere			
		Daisy Bell	Laheys Creek Prospect	The Empire			
		Emu	Telstar				
	ML 3807 Lady Agnes		**Fluorspar**				
	Lady Agnes		Mystery				
			Quartz Top				
			Gold Rod				
			Little Joey				
			De Wett				

Dominant Metal Key
Tin
Antimony
Tungsten
Molybdenum
Gold
Silver
Cobalt
Zinc
Copper
Fluorite

Key QSM projects include Daisy Bell, Laheys Creek, Comeno, De Wett, Lady Agnes and Tap'n'Toe, Fluorspar in the which polymetallic (Sn, Pb, Cu, Ag, Au, REE, Indium) and prospects relate to Carboniferous-Permian granites.

There are also the Ortona and Cherry Tree copper projects where high grade (>10% Cu) chalcocite exposures are present in outcrop. Ortona has a magmatic affiliation with copper mineralisation in a series of parallel veins as well a 1.8 m zone grading 1.3 % Co & 1.0 % Ni at surface. Cherry Tree has prospective magnetic targets near the Dianne Hight Strain zone supported by a chalcocite exposure.

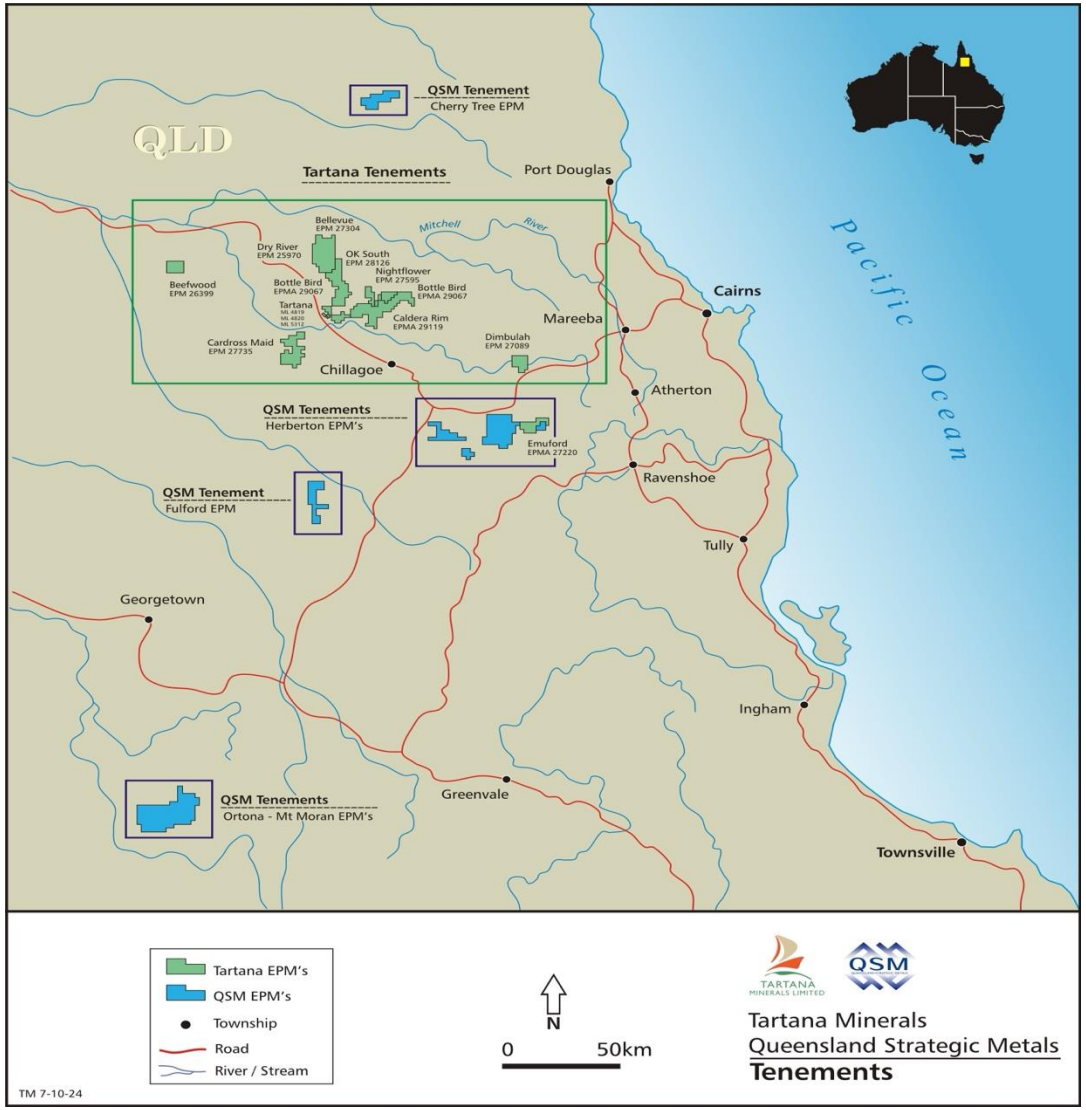
Queensland Strategic Metals

The most advanced project is the Daisy Bell prospect where a mineralised 6 – 9 m wide greisen dyke can be traced for at least 1.8 km along strike. Historical percussion drilling includes:

- 7.6 m @ 1.25% Sn & 0.3% WO_3 from 32.0m (Hole 2)
- 13.7 m @ 1.46% Sn & 0.48% WO_3 from 36.6m (Hole 10)

The QSM assets compliment the existing Tartana exploration portfolio providing both additional copper targets as well as increasing Tartana's exposure to critical metals.

(See ASX announcement data 18 October 2024)



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