Greentech Minerals Ltd

Greentech Minerals Limited

Powering Tomorrow with Australian High Purity Minerals

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Asset Portfolio Overview

The asset portfolio spans approx. 500km² in Queensland, focusing on high-purity quartz (HPQ), copper, rare earths, and phosphate. Key projects include May Downs for HPQ production, IOCG targets, and ongoing exploration to expand resources like Sybella rare earths.

500km² Area

500km² in Queensland: HPQ, copper, rare earths & phosphate tenements

May Downs

May Downs: Production ready HPQ (+388kt). Over 60+ additional major reefs to expand JORC resource

Copper IOCG Targets

IOCG copper-gold targets: Under active exploration

Sybella Rare Earths

Sybella rare earths: Confirmed geophysical anomalies

JORC Expansion

JORC expansion: Ongoing for all core resources

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Market Opportunity

- Bull market in Copper, HPQ and critical minerals driven by solar, semiconductors, batteries, and data centers. Copper prices at all-time highs. Rare Earths demand rising due to global transitions.

- The US and Australian Governments have classified High Purity Quartz and rare earths as Critical Minerals. The governments have therefore allocated funds to assist in the exploration, mining and processing of HPQ and rare earths minerals to dramatically increase supply.

- Private enterprise including JP Morgan, Meryll Lunch and many others have also announced billions of $$ USD in support of Critical Minerals and Rare Earths.

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Company Overview

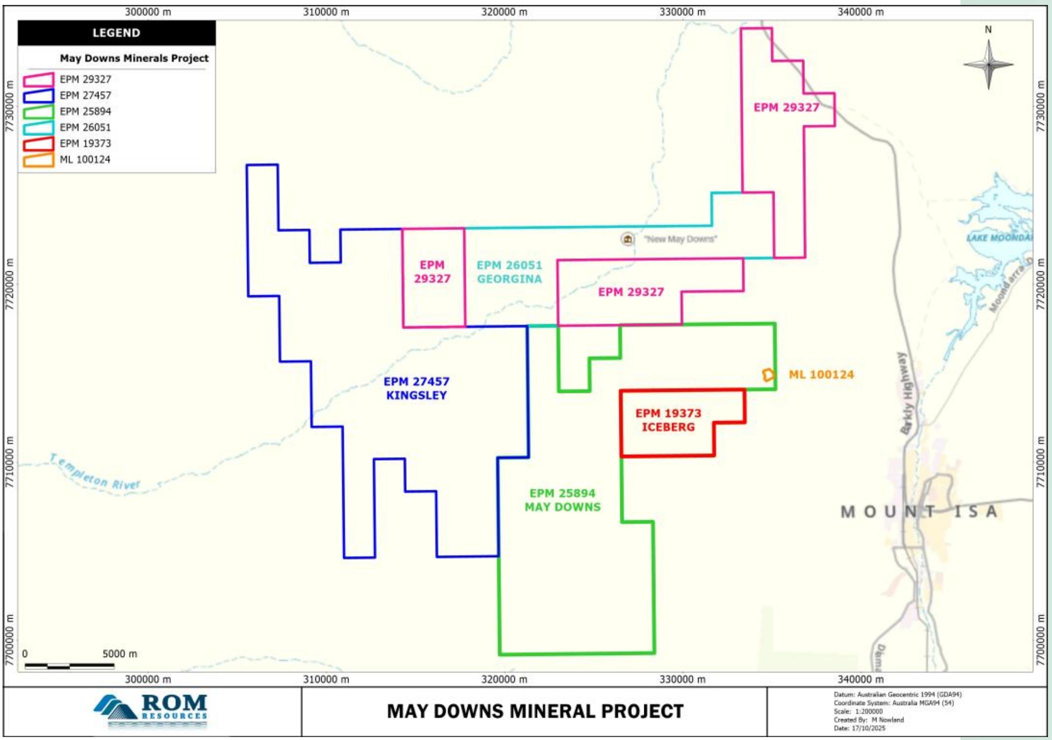
Greentech Minerals Limited (GTM) is focused on High Purity Quartz (HPQ JORC resource), Copper/Gold (IOCG deposits), and Rare Earth Elements (REE low CAPEX extraction) exploration and production in Queensland, Australia. With a approx. 500km² tenement package and a mining license, GTM is positioned to be a low-cost producer of critical minerals.

Strategic Location

GTM's operations are located 15km NW of Mt Isa town, providing direct access to major infrastructure including roads, rail, airport, power, and water. This strategic location supports efficient logistics and staffing. Near world famous Mt Isa Mines (Glencore), ASX: EVN, ASX: S32

* not to scale

A Globally Significant Mining District



* The approx. 500km2 exploration ground is subject to business as usual (BAU), ongoing relinquishment of tenements and uptake of new tenements in the same Mt Isa area. Images are not to scale and are for illustrative purposes only.

1920s–Present

Mt Isa has developed into a globally significant mining district

World Class Discoveries

Ernest Henry; 1991, Cannington; 1990, Osborne; 1989, Eloise; 1986, Starra; 1980, Mt Isa; 1920's

2025 Operations

GTM operating 15km NW of Mt Isa, leveraging advanced road, rail, airport, power and water infrastructure as well as experienced staffing readily available

Today's Access

Immediate port access to Townsville, supporting global logistics for copper, REE and HPQ exports

A Globally Significant Mining District

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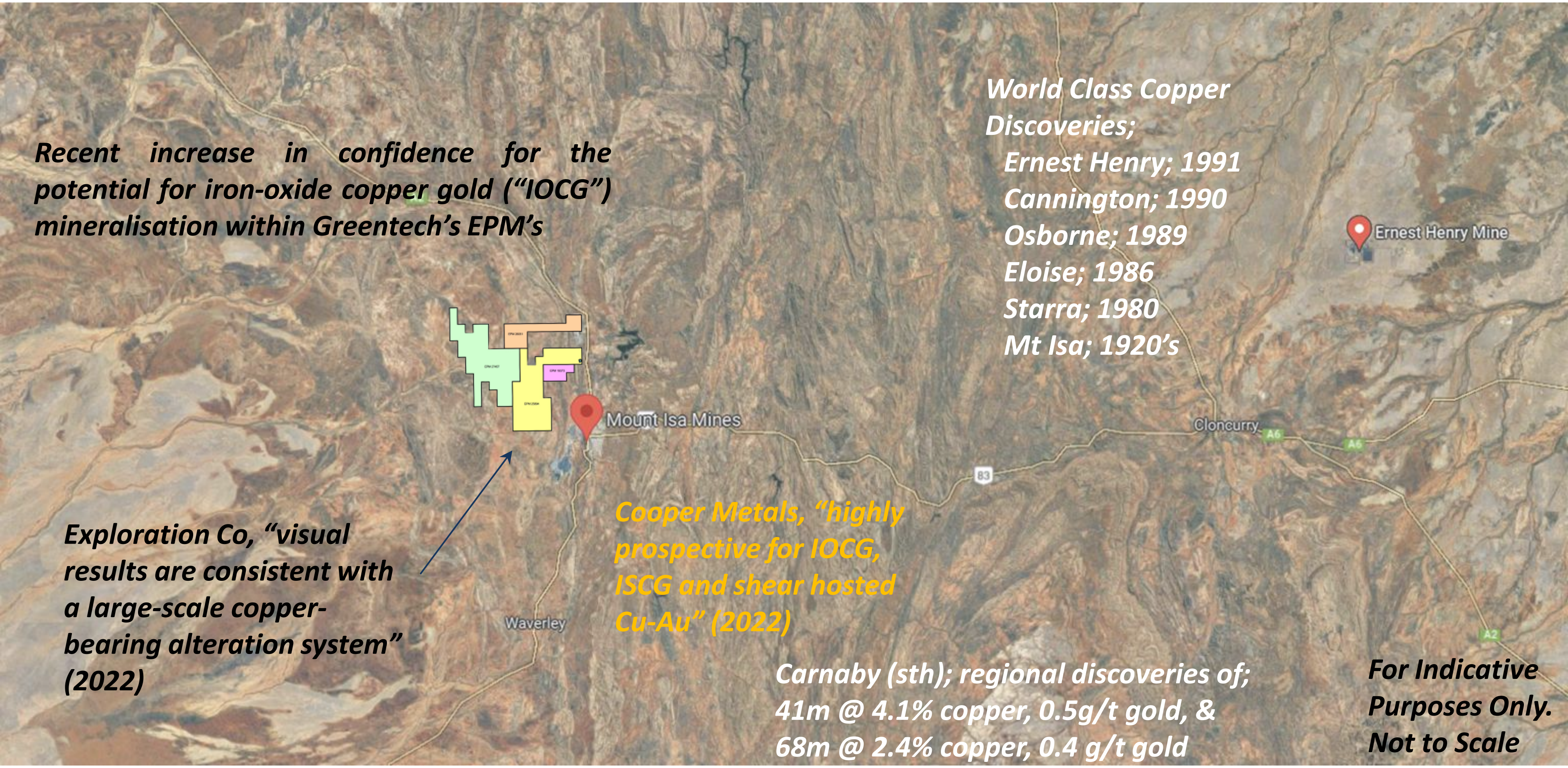
Approx. **500 km²** highly prospective for **HPQ**, **Copper**, **Gold** and **Rare Earths**



Total Magnetic Intensity Image over the Greentech tenements and surrounds (ROM, 2022, Figure 6 after Milligan, Franklin, Minty, Richardson, & Percival, 2010). Images are not to scale and are for illustrative purposes only.

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HPQ JORC Resource Overview

388kt JORC-compliant HPQ resource with 99.96%–99.99% SiO_2 purity. Approved mining lease (ML 100124) with indigenous, landowners and pastoralist agreements. Production-ready with 15+ years of output and expansion potential.

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High Purity Quartz (HPQ)

JORC Resource

Greentech Minerals' HPQ resource at May Downs is JORC-compliant, with 388,000 tons ore at 99.96% - 99.99% SiO_2 purity. It supports over 15+ years of production.

Production Ready

The site is production-ready, with an approved mining lease and favorable logistics, ensuring efficient operations and timely output.

Commercial Partners

Actively working with Major producers and processors to commercially partner with, enhancing market access and supporting the growth of HPQ products.

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HPQ: Market Opportunity & Demand

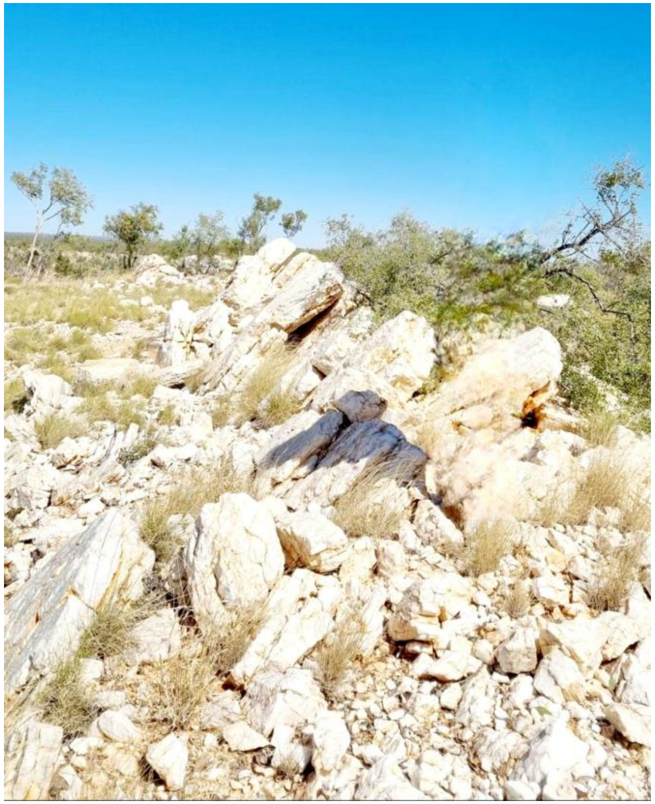
Global demand for ultra-pure quartz is driven by datacenters, solar, semiconductors and optical applications. Greentech is strategically positioned to serve international markets, with rigorous product testing and partnerships under negotiation with US, India, Japan, Europe, and China.

Extensive investigation

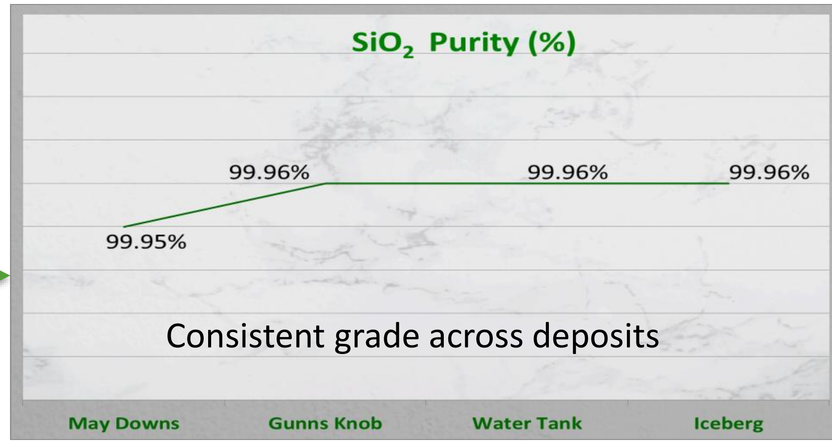
Extensive investigation with advanced processors, post- basic processing impurities <40 ppm

Targeting premium markets

Targeting premium markets (low impurities ppm) via JV, expanding addressable opportunities



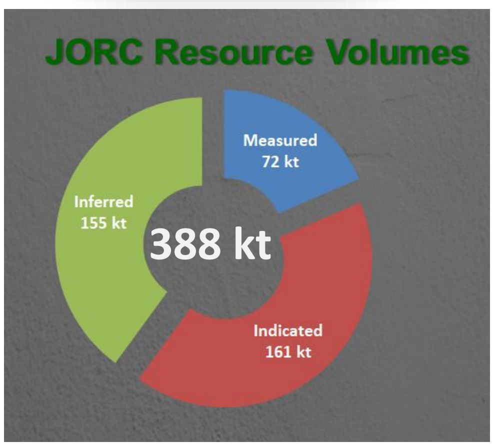
HPQ: JORC Resource



In Situ HPQ Feedstock (HPQF); 99.90%-99.99% SiO_2

Processed to HPQ Sand

+99.99% SiO_2



Process Flow: Production to Market

The production flow begins with simple mining and processing at Mt Isa, where sorting, crushing, screening, and washing take place. This is followed by containerized logistics that enhance product yield and facilitate seamless transfer to Townsville port, ensuring efficient operations aligned with global market demands. In term this then gets to either one of our JV processors or directly to the offtake client.

HPQ offtake negotiations with global partners including Jiangsu Yangshan, JA Solar, Longi as well as discussions with US, Chinese, European, Indian and Japanese offtake partners. Processing partnerships established for HPQ.

Mining Process

Simple mining and initial stage processing at Mt Isa: Sorting, crushing, screening, washing

Logistics

Enhancing product yield with containerized logistics, seamless transfer to Townsville port

Shipping

Townsville ease for global shipping, aligning with offtake agreements or further enhancements with partner processors

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Copper Exploration Strategy

Targeting IOCG deposits using magnetic and IP surveys.

Drilling program funded and underway with results expected by January 2026.

Multiple high-potential zones identified.

The Copper/Gold Strategy

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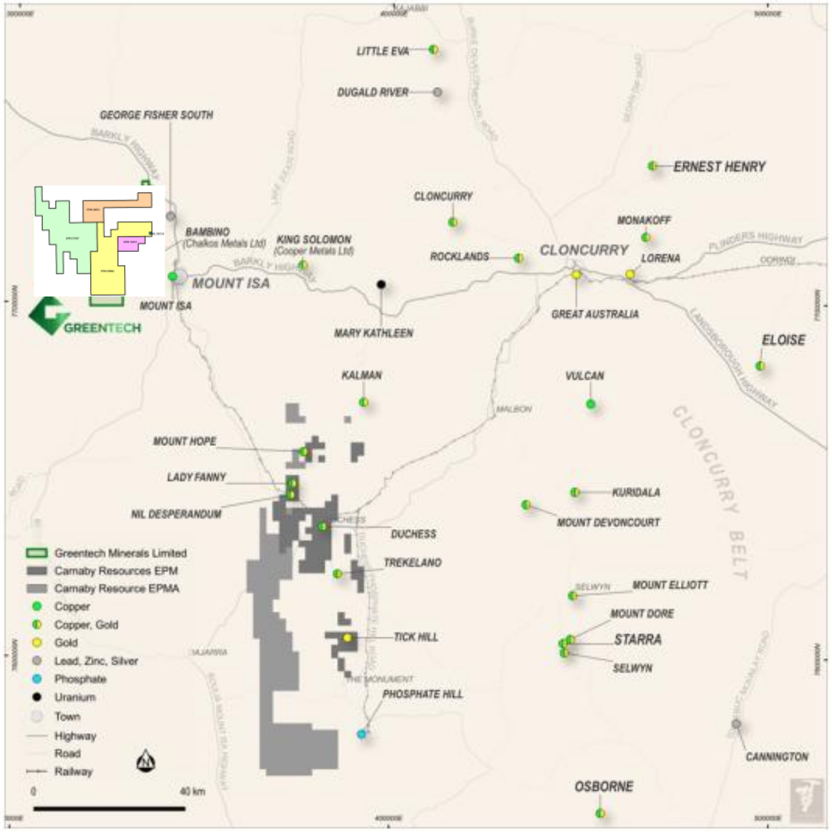
- Focus on magnetically elevated areas under cover; east-central parts of tenement package
- Iron Oxide Copper-Gold (IOCG) deposits found in the 1980s and 1990s (Starra 1980, Eloise 1986, Osbourne 1989, Ernest Henry 1991)
- Ernest Henry, Eloise and Osbourne deposits found under cover by magnetic and electrical geophysics; much of magnetically elevated area in GTM tenements is under a shallow (circa 0 to 30) metres of cover
- Recent discoveries by juniors have extended IOCG space through the west of Mt Isa

Camaby Resources, Cooper Metals, Mt Isa Minerals and May Downs Fault Zone prospect in GTM tenements



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Copper & Gold Exploration

Focus

Target magnetically elevated regions using advanced geophysical surveys in Mt Isa exploration tenements, to identify potential mineral deposits.

Exploration

Drill programs active at high-potential anomalies on GTM tenements, leveraging regional partnerships to maximize exploration success.

Objectives

Accelerate JORC expansions for copper, gold and rare earths, diversifying resource risks and maximizing future value for stakeholders.

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Rare Earths Potential

Sybella granite-hosted Rare Earths discovery validated by ANSTO. Low CAPEX heap-leaching potential. Elevated Rare Earths levels confirmed across multiple granite phases. Government support for exploration and processing.

Additionally, approx. 69 sq km2 of phosphate identified area around beetle creek.

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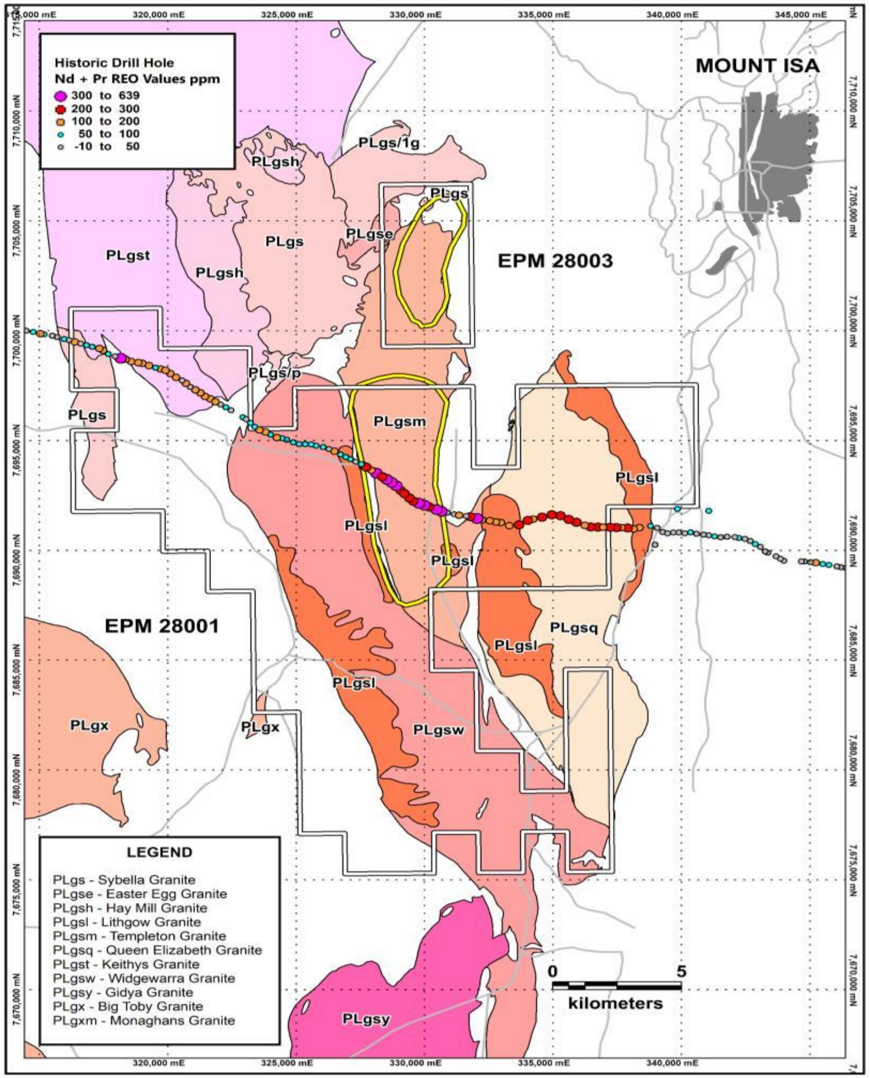
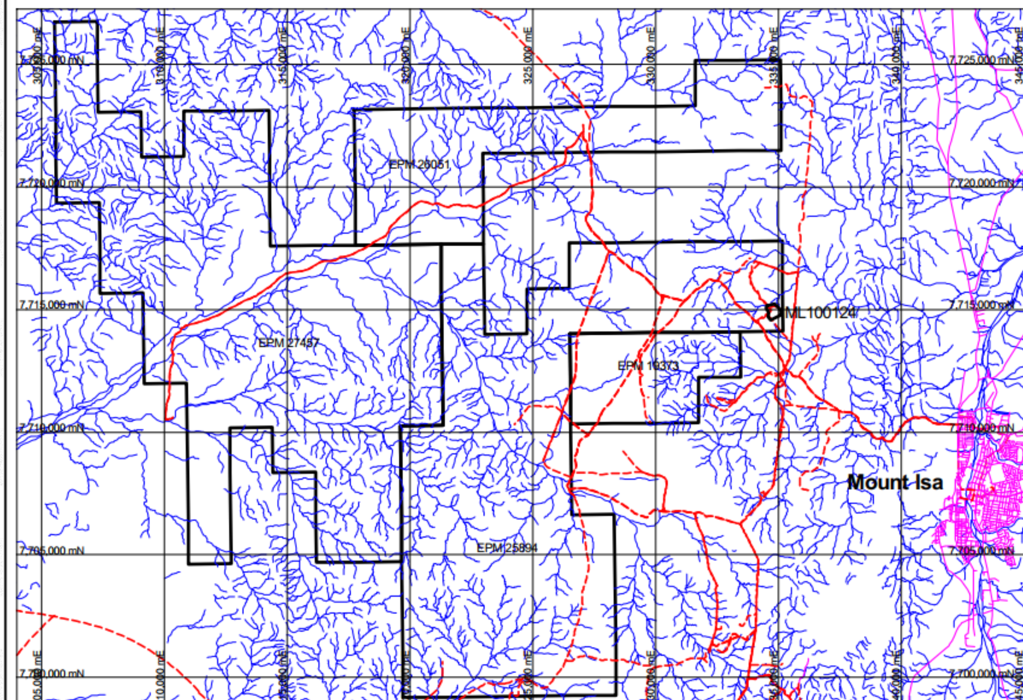
Sybella Granite Rare Earth Anomaly





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Rare Earth Potential

- Preliminary works and ground sample test result confirm elevated level of rare earths on Greentech Minerals ground
- Rare earths exist in different phases of Sybella granite
- Existing geological mapping and data indicate clearly the existence of Sybella granite formations on the Greentech ground, similar to that of ASX: RDM
- Evaluating options to capture and expedite the exploration program
- The US and Australian Governments have classified rare earths as a critical mineral. The governments have therefore allocated funds to assist in the exploration, mining and processing of rare earths minerals to dramatically increase supply
- Private enterprise including JP Morgan, Meryll Lunch and many others have also announced billions of $$ USD in support of Critical Minerals and Rare Earths

Critical Resource

The Australian government has classified rare earths as essential for the clean energy transition, emphasizing their strategic importance.

Federal Support

Federal funding is dedicated to support the exploration, mining, and processing development of rare earth elements in Australia.

Rare Earth Potential

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		ME-MS81	ME-MS81	ME-MS61	ME-MS81	ME-MS61	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
SAMPLE	GRANITE	Ga	La	La	Ce	Ce	Pr	Nd	Sm	Eu	Nd2O3+ Pr2O3
DESCRIPTION	TYPE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GMR001	Templeton Granite	18.80	99.50	101.50	196.50	192.50	22.00	75.20	11.60	2.09	226.7
GMR002	Templeton Granite	19.60	91.50	87.50	194.50	186.50	19.80	75.00	13.00	2.10	221.1
GMR003	Templeton Granite	18.00	78.10	77.50	161.50	151.00	17.40	65.30	11.05	1.99	192.9
GMR004	Templeton Granite	18.00	30.50	30.00	140.50	133.00	7.70	26.50	6.06	1.37	79.8
GMR005	Templeton Granite	18.20	87.20	82.40	167.50	159.00	17.65	58.90	9.29	1.45	178.5
GMR006	Templeton Granite	17.00	91.60	85.90	181.50	169.50	19.00	63.50	10.75	1.51	192.4
GMR007	Templeton Granite	17.10	85.10	86.60	185.00	178.50	18.70	63.40	10.85	1.54	191.5
GMR008	Templeton Granite	18.70	93.40	86.90	183.00	166.50	19.95	69.00	11.15	1.85	207.5
GMR009	Templeton Granite	19.50	95.90	89.80	188.50	177.00	18.35	63.70	10.65	1.54	191.4
GMR010	Sybella Granite	29.10	22.40	17.30	43.50	33.30	5.66	21.40	5.13	1.16	63.1
GMR011	Hay Mill Granite	21.70	176.00	171.50	433.00	426.00	44.00	155.00	23.80	3.96	464.1
GMR012	Hay Mill Granite	20.40	120.50	124.00	262.00	268.00	29.60	105.50	18.60	2.74	315.1
GMR013	Keithys Granite	19.70	81.90	81.40	187.50	178.00	19.00	64.90	11.45	1.25	195.7
GMR014	Keithys Granite	20.90	96.30	83.80	196.50	171.50	20.70	75.90	13.00	2.58	225.3
GMR015	Hay Mill Granite	18.10	74.40	76.20	160.00	157.50	16.40	56.70	9.04	1.63	170.5
GMR016	Hay Mill Granite	17.80	75.40	73.30	151.00	142.00	14.85	55.80	9.54	1.63	164.8
GMR017	Hay Mill Granite	15.70	57.60	59.80	105.50	110.00	9.49	29.50	4.06	0.43	90.9
GMR018	Guns Knob Granite	19.30	121.50	120.00	217.00	214.00	24.10	84.50	13.75	2.03	253.3
GMR019	Guns Knob Granite	18.20	106.00	112.50	203.00	202.00	19.90	65.90	10.20	1.17	200.1
GMR020	Guns Knob Granite	19.10	124.00	128.00	220.00	217.00	25.50	91.70	13.55	1.98	273.3
GMR021	Guns Knob Granite	18.20	87.80	84.30	175.50	164.50	18.90	63.50	11.50	1.41	192.2
GMR022	Sybella Granite	19.80	82.50	78.80	165.00	163.00	18.45	70.60	11.05	1.85	207.7
GMR023	Sybella Granite	20.80	96.60	99.00	188.50	181.50	20.50	73.40	12.75	1.56	219.0
GMR024	Hay Mill Granite	19.80	59.50	59.90	121.00	124.50	13.85	56.20	10.20	2.23	163.4
GMR025	Hay Mill Granite	19.80	72.20	74.20	146.50	150.00	16.95	66.60	12.15	2.49	194.8
GMR026	Sybella Granite	20.00	81.20	68.90	165.00	149.00	17.95	67.50	10.50	2.17	199.3
GMR027	Easter Egg Granite	19.70	87.80	88.00	179.00	186.00	18.50	68.40	11.20	1.91	202.7
GMR028	Easter Egg Granite	19.20	103.00	99.30	194.00	192.00	19.80	71.00	10.90	2.01	211.8
GMR029	Easter Egg Granite	24.30	89.00	85.80	184.50	180.50	20.70	80.30	14.85	1.81	235.5
GMR030	Keithys Granite	17.80	58.90	59.50	113.00	111.50	11.60	42.60	6.69	1.92	126.4
GMR031	Keithys Granite	20.60	11.70	12.10	16.10	16.80	1.83	5.90	1.77	0.36	18.0
											195.8

Appendix 1B Light Rare Earth Results with combined (totalled) Nd_2O_3+ Pr_2O_3

		ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS61	ME-MS81	ME-MS61	
SAMPLE	GRANITE	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Sc	Sc	Y	Y	TREO+Y
DESCRIPTION	TYPE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GMR001	Templeton Granite	11.35	1.68	10.20	1.98	6.28	0.80	5.21	0.80	13.00	11.10	55.20	52.70	1270.8
GMR002	Templeton Granite	10.95	1.73	10.00	2.08	5.95	0.82	5.63	0.82	15.00	13.00	60.60	55.90	1266.2
GMR003	Templeton Granite	9.98	1.46	9.90	1.79	5.23	0.73	5.12	0.71	14.70	12.40	54.40	49.00	1096.5
GMR004	Templeton Granite	4.86	0.79	5.37	0.95	3.16	0.48	4.05	0.54	10.80	11.70	25.50	24.80	690.2
GMR005	Templeton Granite	8.25	1.40	8.42	1.77	4.96	0.77	5.70	0.88	7.40	6.30	51.60	47.00	1076.9
GMR006	Templeton Granite	9.00	1.46	8.70	1.65	4.86	0.71	5.30	0.69	7.50	5.90	52.40	48.70	1137.0
GMR007	Templeton Granite	8.40	1.16	8.87	1.52	4.72	0.62	4.58	0.67	7.20	6.70	45.50	44.70	1106.9
GMR008	Templeton Granite	10.40	1.52	9.55	1.91	5.82	0.84	5.33	0.80	9.30	7.40	55.30	50.60	1187.7
GMR009	Templeton Granite	9.08	1.46	8.60	1.78	5.71	0.84	5.15	0.73	8.20	6.40	47.70	46.40	1161.5
GMR010	Sybella Granite	7.21	1.37	11.90	2.52	8.19	1.05	7.76	0.93	18.00	8.60	72.40	13.40	643.5
GMR011	Hay Mill Granite	18.45	2.64	15.60	2.84	8.01	1.14	7.24	1.13	7.60	7.20	71.00	67.00	2348.5
GMR012	Hay Mill Granite	11.30	1.78	9.49	1.89	5.79	0.85	6.19	0.88	8.40	6.10	47.50	49.30	1549.8
GMR013	Keithys Granite	8.21	1.55	9.82	1.92	6.02	0.90	6.15	0.91	3.80	2.90	55.10	53.00	1142.4
GMR014	Keithys Granite	11.20	1.90	12.75	2.68	8.34	1.19	7.33	1.18	5.50	3.90	83.40	41.00	1339.4
GMR015	Hay Mill Granite	9.54	1.33	9.62	1.82	5.64	0.63	5.10	0.75	8.00	7.30	58.50	55.60	1045.4
GMR016	Hay Mill Granite	8.20	1.11	8.14	1.50	5.35	0.68	4.32	0.71	10.60	7.10	43.50	44.00	981.0
GMR017	Hay Mill Granite	3.55	0.65	4.24	0.97	3.59	0.60	4.78	0.73	2.10	1.60	32.00	24.50	657.4
GMR018	Guns Knob Granite	12.15	1.83	10.70	2.20	7.30	0.91	6.34	0.83	9.10	7.30	66.20	63.80	1428.3
GMR019	Guns Knob Granite	9.40	1.52	10.75	2.22	6.68	0.93	7.01	0.98	4.60	4.80	64.80	62.00	1268.9
GMR020	Guns Knob Granite	12.60	2.06	12.90	2.36	7.55	1.02	7.26	1.07	8.60	7.20	71.60	74.40	1482.7
GMR021	Guns Knob Granite	9.13	1.41	8.42	1.73	4.46	0.69	4.53	0.65	7.00	6.40	47.00	42.10	1100.2
GMR022	Sybella Granite	10.90	1.58	10.20	1.94	5.94	0.76	5.22	0.66	15.40	12.40	58.00	54.30	1150.9
GMR023	Sybella Granite	10.40	1.60	10.05	1.89	5.83	0.76	4.98	0.73	10.70	9.00	51.70	52.10	1223.7
GMR024	Hay Mill Granite	9.38	1.36	9.17	1.73	5.02	0.68	4.39	0.78	19.30	15.60	48.80	47.70	926.3
GMR025	Hay Mill Granite	11.30	1.92	10.80	2.12	6.18	0.85	5.50	0.94	14.10	12.00	63.90	59.60	1091.1
GMR026	Sybella Granite	9.59	1.47	8.97	1.66	5.60	0.70	5.25	0.69	12.90	10.10	50.30	46.80	1104.7
GMR027	Easter Egg Granite	9.41	1.50	10.05	1.85	6.28	0.89	5.71	1.02	10.60	8.60	56.10	57.00	1170.6
GMR028	Easter Egg Granite	9.96	1.60	9.75	1.97	5.63	0.84	5.17	0.73	8.60	8.80	58.20	53.20	1245.5
GMR029	Easter Egg Granite	12.10	2.03	11.95	2.60	7.37	1.13	6.82	1.15	14.20	10.80	71.50	65.70	1309.3
GMR030	Keithys Granite	5.78	0.89	5.67	1.06	2.60	0.42	2.92	0.44	2.90	2.10	29.60	27.70	726.6
GMR031	Keithys Granite	1.43	0.29	2.34	0.50	1.28	0.22	1.81	0.25	5.10	4.50	11.80	12.00	207.8
														1133.5

Appendix 1B: Heavy Rare Earth Analytical Results with Total Rare Earth Oxides + Yttrium (TREO + Y)

Strategic Partnerships

Global Offtakes

Discussions with major offtake partners across India, China, Japan, Europe and US.

Advanced Processing

JV negotiations for ultra-premium HPQ, targeting ultra low impurities ppm.

Industry Alliances

Active partnerships and alliances from both listed and large unlisted industry partners.

Critical Minerals

Taking advantage of international and national funding for critical mineral supply chains.

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Roadmap & Key Milestones

Purpose and Future Aspirations

2025

Rights issue to shareholders underwritten and closed. Copper IP survey programs commenced.

Late 2025

Drill rigs deployed and copper drilling results due January 2026. Further HPQ test work with ultra-high purity processing to be confirmed.

2026

Rare earth exploration. Further copper exploration development. Expansion increasing HPQ JORC resources.

2026+

Expansion of production, new global customer contracts, project scalability.

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Governance & Leadership

- Managing Director: Mr. Anthony Lucic
- Chairman: Mr. George Su
- Non-Exec Director/Company Secretary: Mr. Terry Grace
- Head Advisor Geologist: Mr. Michael Etheridge
- Exploration led by Mr. Chris Tedman-Jones

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Contact Information

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Forward Looking Statements

Statements in this announcement which are not statements of historical facts, including but not limited to those relating to the proposed transaction, are forward looking statements. These statements instead represent management's current expectations, estimates and projections regarding future events. Although management believes the expectations reflected in such forward- looking statements are reasonable, forward- looking statements are based on the opinions, assumptions and estimates of management at the date the statements are made, and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. Accordingly, investors are cautioned not to place undue reliance on such statements.

Competent Person Statement

The information in this document that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Mark Biggs a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Biggs is a Director and Principal Geologist of ROM Resources.

Mr Biggs has sufficient experience that is relevant to the style of mineralisation and type of deposits 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', and a Specialist under the 2015 Edition of the 'Australasian Code for Public Reporting of technical assessments and valuations of mineral assets. Mr Biggs consents to the inclusion in this document of the matters based on his information and in the form and context in which it appears.