



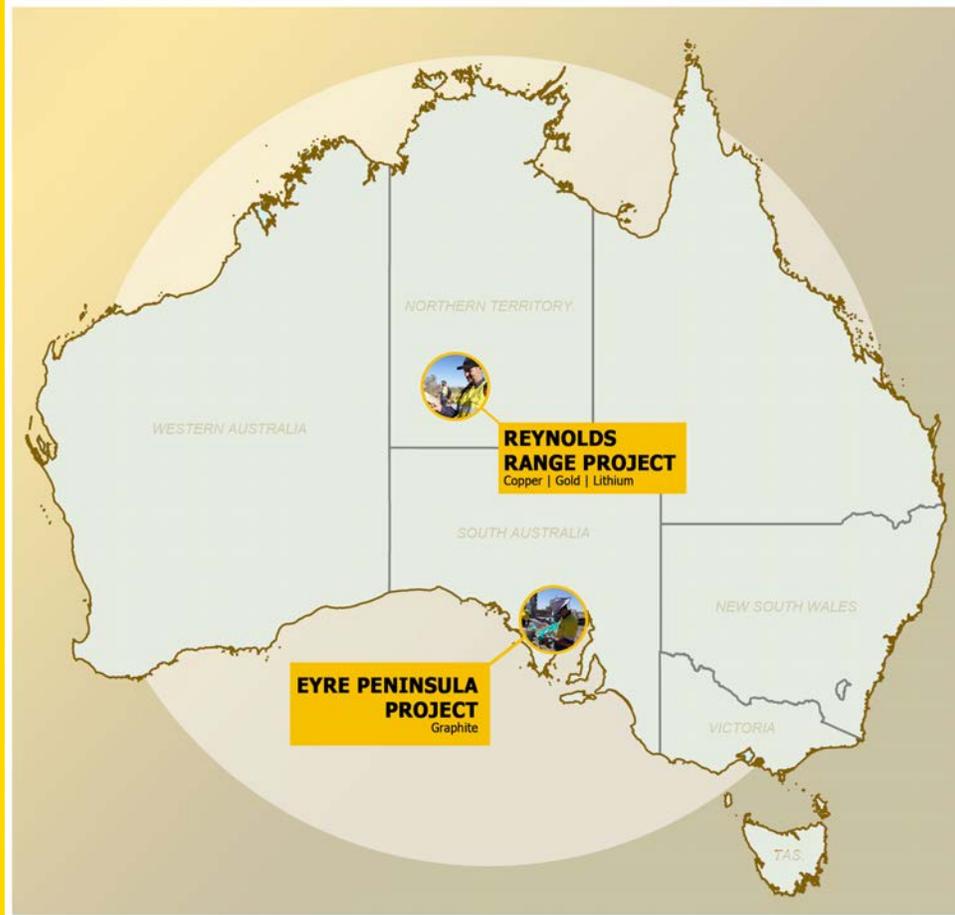
iTECH
MINERALS

EXPLORATION UPDATE

3 MARCH 2025



VIDEO:
Watch Managing
Director
Mike Schwarz
give this
presentation



REYNOLDS RANGE COPPER-GOLD PROJECT

Gold Prospects

- Gold exploration underway across 45km of the Stafford Gold Trend
- Drilling up to 17m @ 3.93g/t Au from 13m and rock chips up to 128 g/t Au

Copper - Gold Prospects

- Drilling commencing at Scimitar Copper-Gold Prospect late March-early April
- Two diamond drill holes to test 1.7km long EM target below outcropping copper-gold mineralisation identified in rock chip sampling

Lithium Prospects

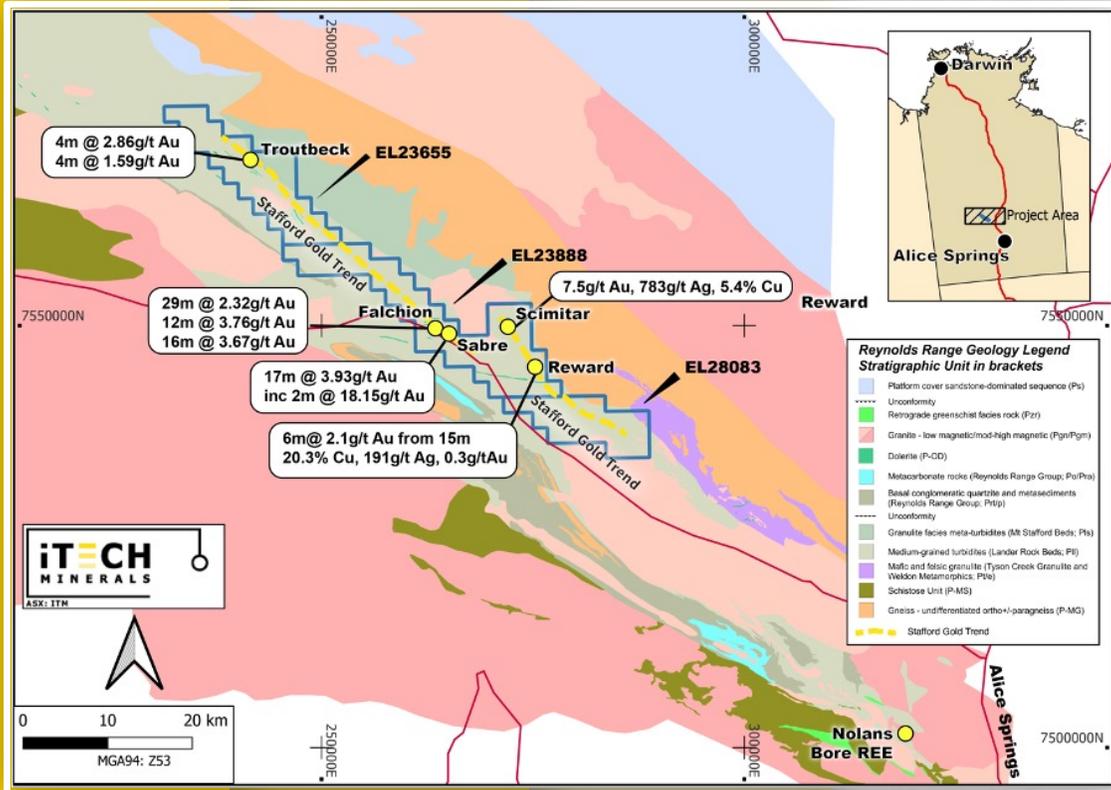
- Joint Venture with SQM. Due diligence due to be completed end of March with \$2M cash payment to ITM at completion

EYRE PENINSULA GRAPHITE PROJECT

- High-quality **graphite** resource defined at Lacroma, excellent metallurgical characteristics to produce low-cost concentrate
- Bulk sample production nearing completion for distribution to potential offtake partners

UNCOVERING THE **GOLD POTENTIAL** OF THE REYNOLDS RANGE PROJECT

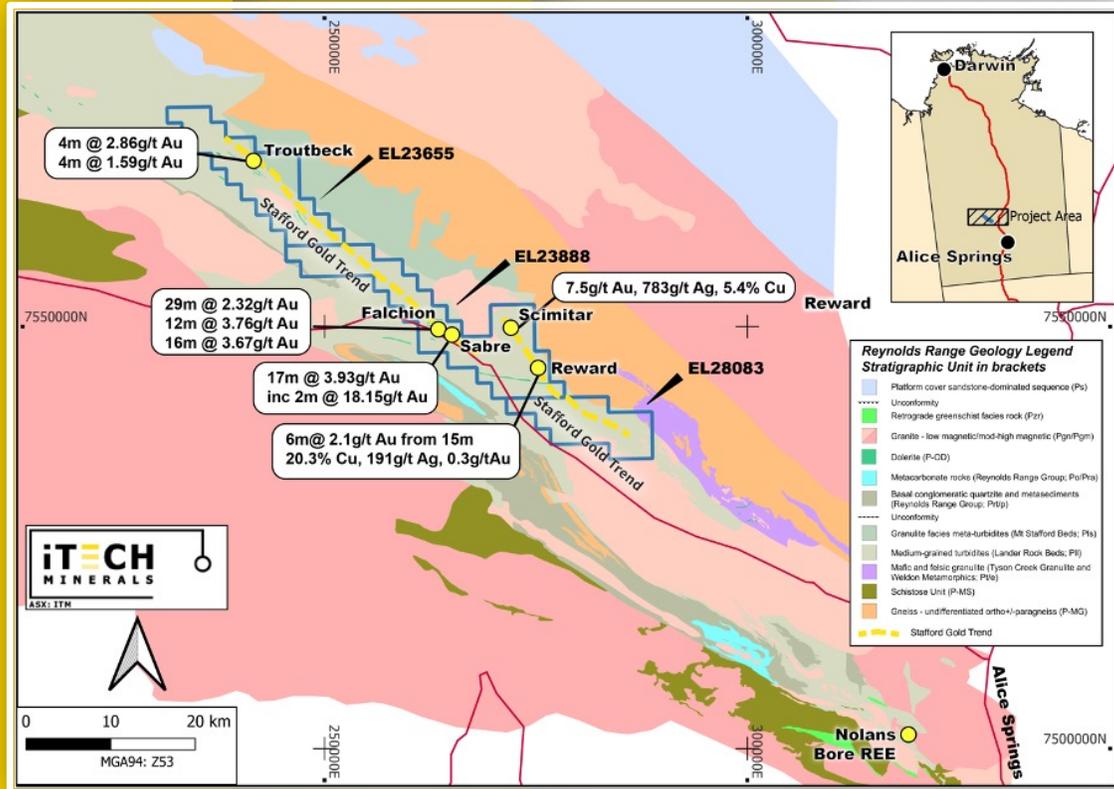




AN OVERVIEW

- iTech Minerals Ltd (ASX: ITM) Reynolds Range Project has substantial gold potential at a time of near record gold prices.
- Having confirmed widespread potential for gold, across the >45km long Stafford Gold Trend, the company is ramping up gold exploration at Reynolds Range
- Planning for induced polarisation (IP) and electromagnetic (EM) geophysical surveys is underway to identify drill targets at:
 - Sabre-Falchion-Lander 1
 - Pine Hill
 - Reward
- All projects have shown evidence of significant gold mineralisation in recent and historical exploration
- The aim of the geophysical surveys is to identify targets untested by historical drilling
- Planning for drilling will commence once drill targets have been identified
- Gold exploration will be complementary to copper-gold drilling due to commence this quarter at the Scimitar Prospect

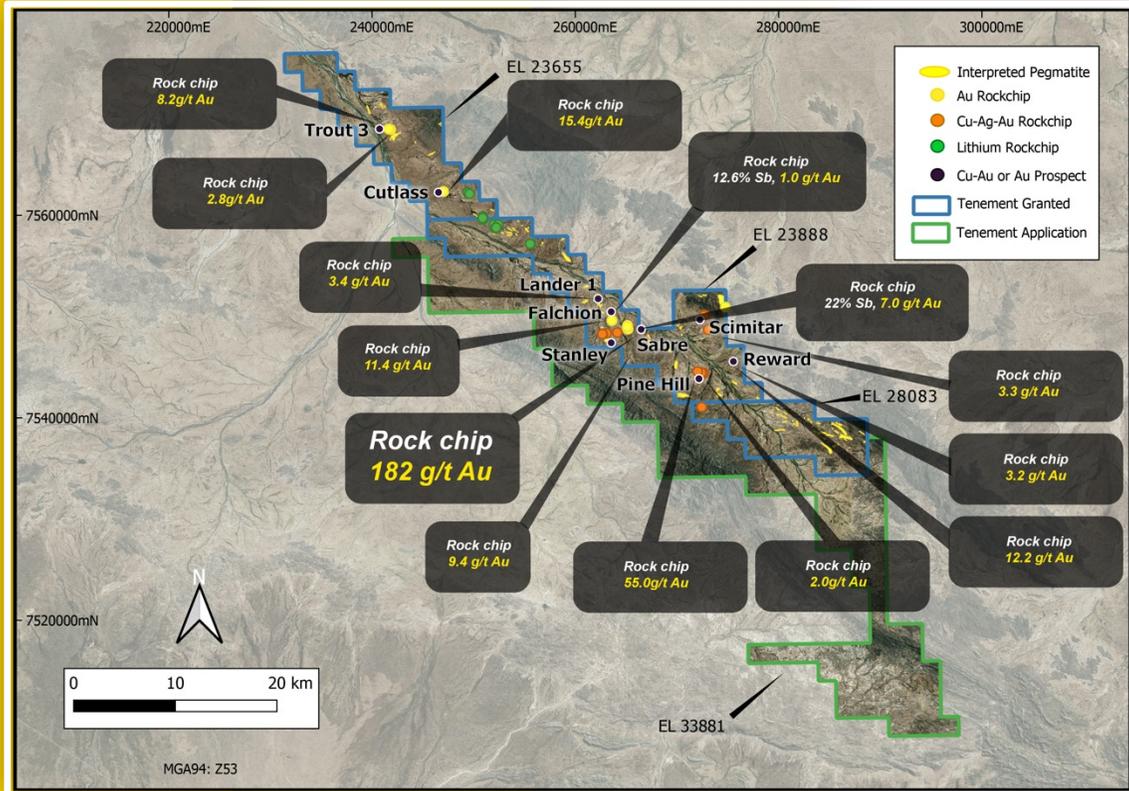
REYNOLDS RANGE PROJECT | HISTORICAL GOLD EXPLORATION



A 45KM GOLD TREND

- At a time of near record gold prices historical exploration has identified substantial gold potential at iTech Minerals' Reynolds Range Project.
- **Sabre Prospect**
 - 17m @ 3.93g/t Au from 13m
 - 24m @ 2.59g/t Au from 36.5m
 - 26m @ 2.73g/t Au from 18m
 - 9m @ 1.7 g/t gold from surface
 - 7m @ 3.5 g/t Au, 2.09% Sb, 1536ppm As and 927ppm Pb
 - 3m @ 3.4 g/t Au, 2.06% Sb, 280ppm As and 824ppm Pb
- **Falchion Prospect**
 - 29 m @ 2.32g/t Au
 - 12m @ 3.76g/t Au
 - 16m @ 3.67g/t Au
 - 11m @ 4.0g/t Au, 4.45% Sb, 1530 ppm As and 382ppm Pb
 - 3m @ 2.2g/t Au, 2.57% Sb 5550 ppm As and 14100ppm Pb
- **Scimitar Prospect**
 - 7.5g/t Au, 783 g/t Ag and 5.4% Cu (Rock chip)
 - 2.4g/t Au, 241g/t Ag and 19.3% Cu (Rock chip)
 - 96.8g/t Ag, 2.8% Pb (Rock chip)
 - 1,950g/t Ag, 21.3% Pb (Rock Chip)

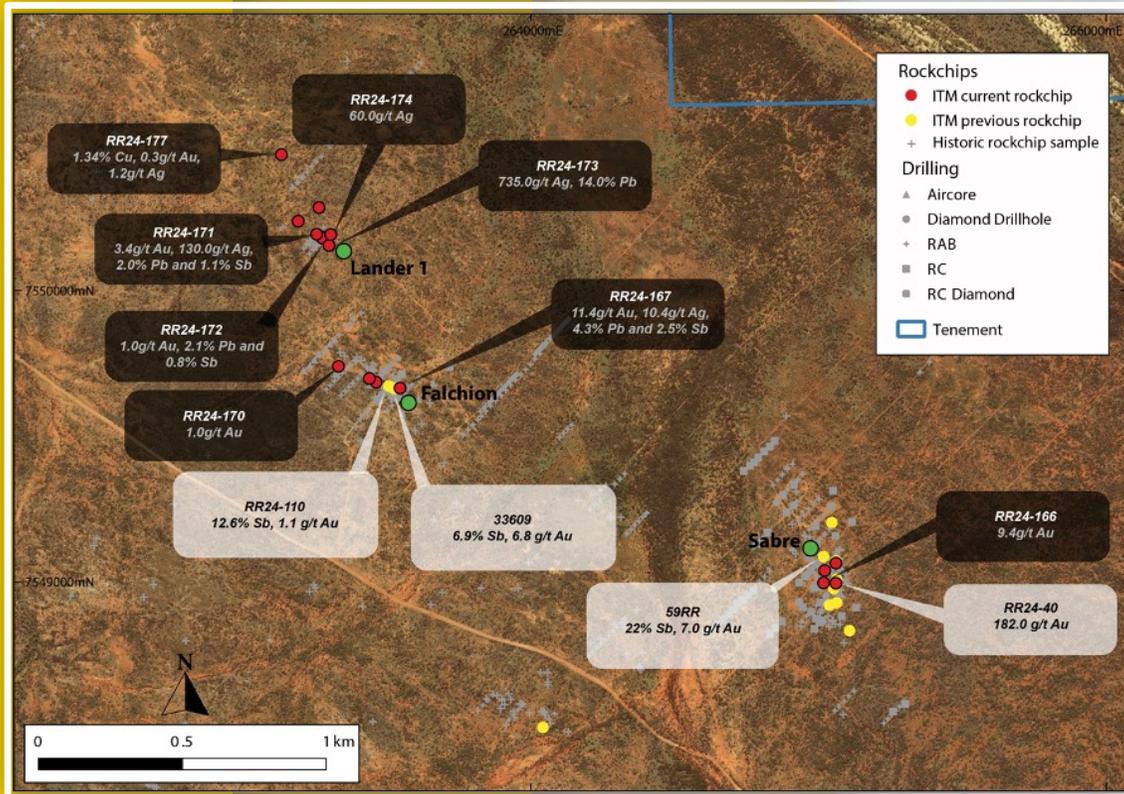
REYNOLDS RANGE PROJECT | CURRENT GOLD EXPLORATION



ITECH'S PIPELINE OF GOLD TARGETS

- Subsequent exploration by iTech Minerals has confirmed widespread potential for gold mineralisation across the >42km long Stafford Gold Trend within the regional Lander Shear Zone. A program of regional rock chip sampling has highlighted the following significant results.
- Sabre Prospect
 - RR24-040 – 182.0 g/t Au
 - RR24-166 – 9.4 g/t Au
 - RR24-044 – 4.1 g/t Au (1.1km southwest of Sabre)
- Falchion Prospect
 - RR24-167 – 11.4 g/t Au
 - RR24-032 – 8.7 g/t Au
- Lander 1 Prospect
 - RR24-171 – 3.4g/t Au and 1.1% Sb
- Pine Hill Prospect
 - RR24-071 – 55 g/t Au and 2.4% Cu
 - PH241105 – 2.0 g/t Au
 - PH241103 – 1.8 g/t Au
 - RR24-070 – 1.6 g/t Au and 0.6% Cu
- Reward Prospect
 - RR24-114 – 12.2 g/t Au and 13.8% Cu
 - RR24-115 – 3.2 g/t Au and 19.5% Cu
- Cutlass Prospect
 - RR24-091 – 15.4 g/t Au
- Trout 3 Prospect
 - RR24-084 – 8.2 g/t Au
 - RR24-085 – 2.8 g/t Au

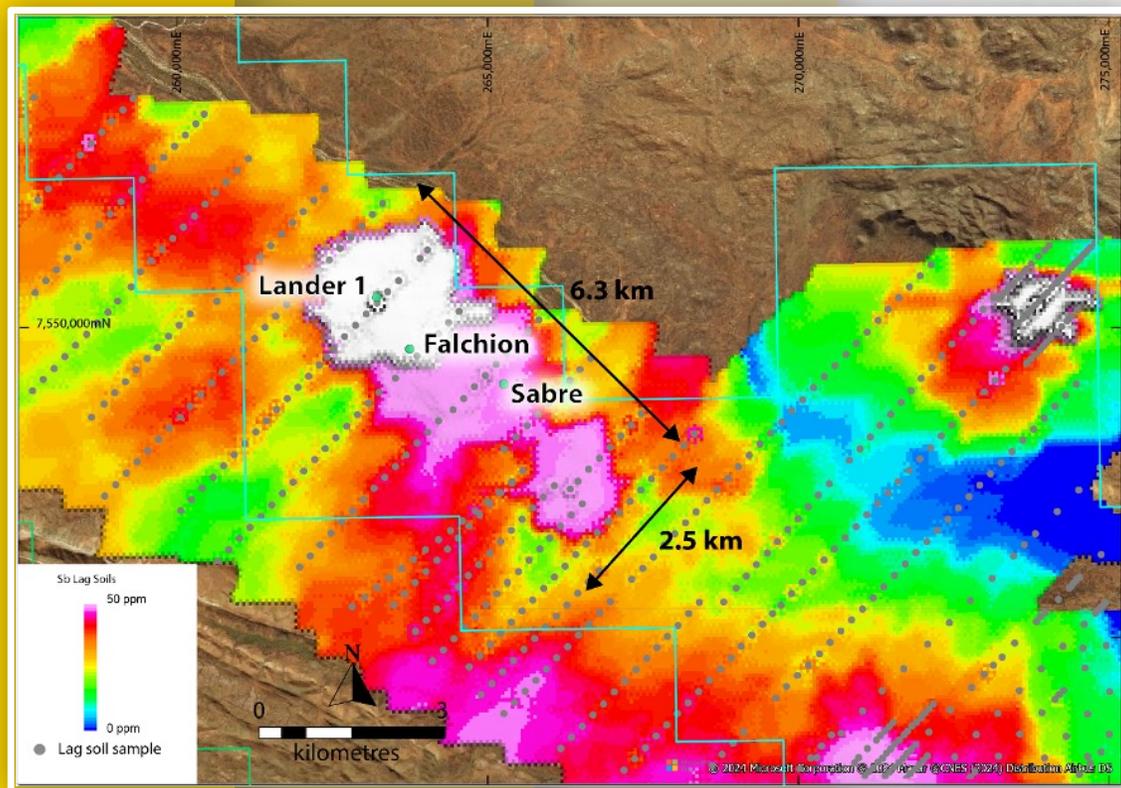
REYNOLDS RANGE PROJECT | SABRE-FALCHION-LANDER PROSPECTS



HIGH PRIORITY GOLD PROSPECTS

- iTech Minerals has mapped areas of alteration and mineralisation along several kilometres of strike at the Sabre-Falchion-Lander 1 Prospects.
- High grade gold-silver-antimony-lead mineralisation often occurs within the Lander Rock Formation metasedimentary schist, within discrete dilatational structures, associated with late-stage quartz veining
- Broader trend of mineralisation is parallel to the regional NW-SE Lander Shear Zone which runs through the full length of the Reynolds Range tenement package
- Historical analysis of samples was often limited to a few elements of economic interest.
- Mineralisation appears to be polymetallic vein style with a strong association with antimony
- iTech now has a full suite of pathfinder elements to assist with characterisation of the mineralisation style and exploration for additional mineralisation within the 6.3km by 2.5km antimony lag soil anomaly target area
- Gold and antimony mineralisation appears to be associated with disseminated sulphides in the alteration halo around mineralised quartz veins

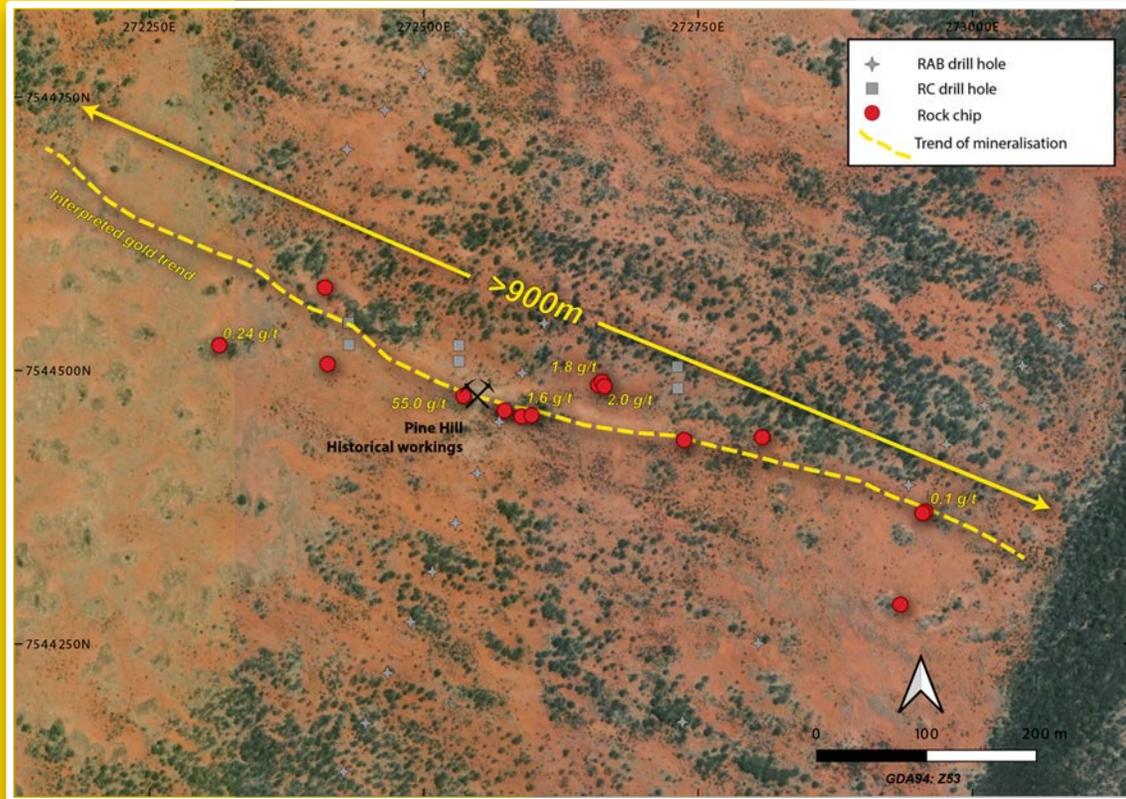
REYNOLDS RANGE PROJECT | SABRE-FALCHION-LANDER PROSPECTS



UPCOMING EXPLORATION

- Late last year, iTech commissioned geophysical consultants, Resource Potentials, to undertake a review of the Reynolds Range Project
- The Sabre-Falchion-Lander 1 gold system was recommended as being particularly suitable for a gradient array IP survey to identify significant gold mineralisation within the large (>6.3km) alteration system
- Planning is now underway for the next stage of geophysical exploration with drill testing planned later this year subject to receiving all necessary approvals

REYNOLDS RANGE PROJECT | PINE HILL GOLD PROSPECT



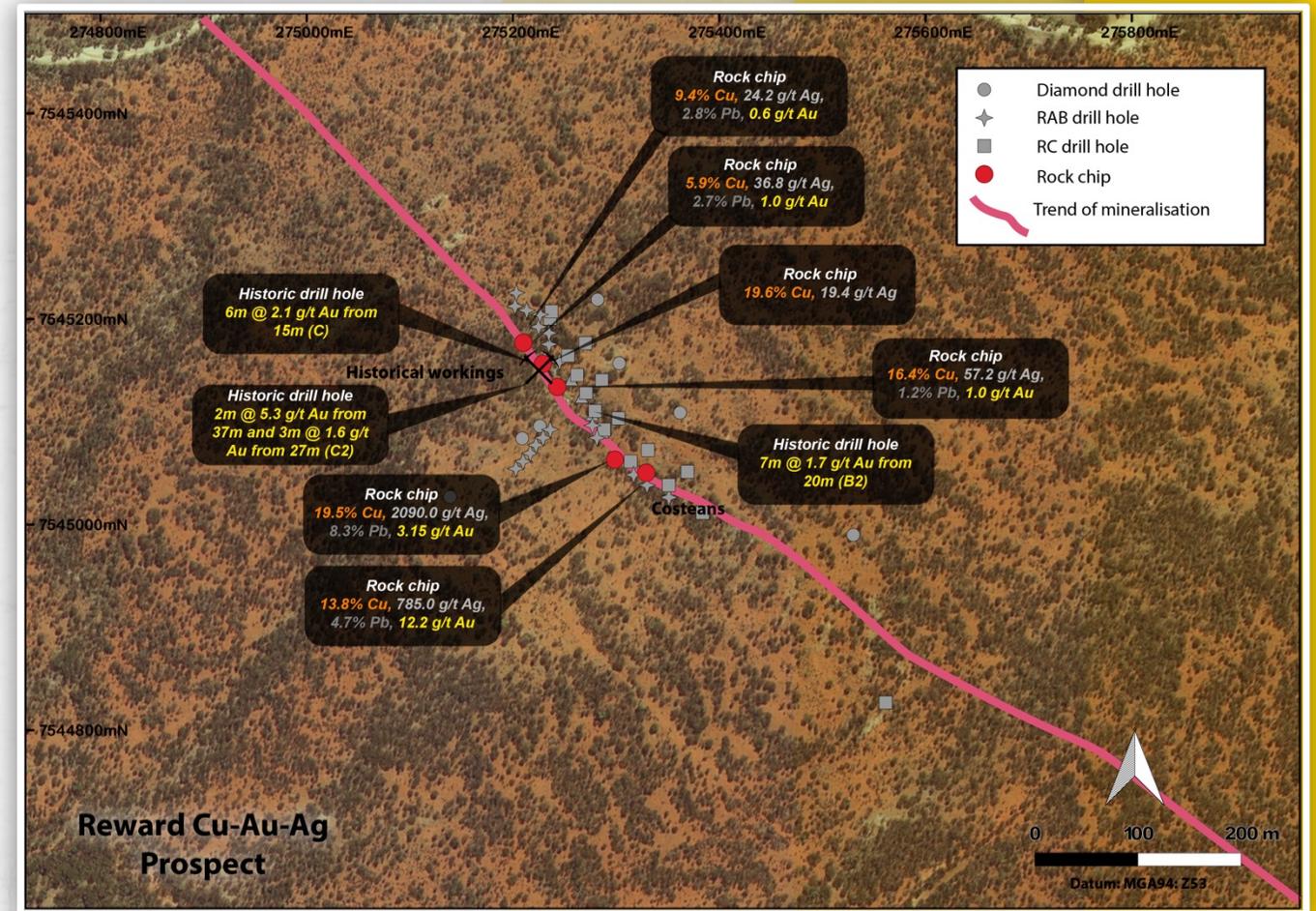
A NEW PROSPECT

- Late last year, iTech undertook sampling and mapping at the Pine Hill Gold Prospect
- Maximum rock chips of **55 g/t gold**
- Extensive quartz vein hosted gold mineralisation trend identified over 900m of strike
- Planning underway for gradient array IP surveys to map subsurface mineralisation and identify drill targets

REYNOLDS RANGE PROJECT | REWARD PROSPECT

GOLD-COPPER-SILVER POTENTIAL

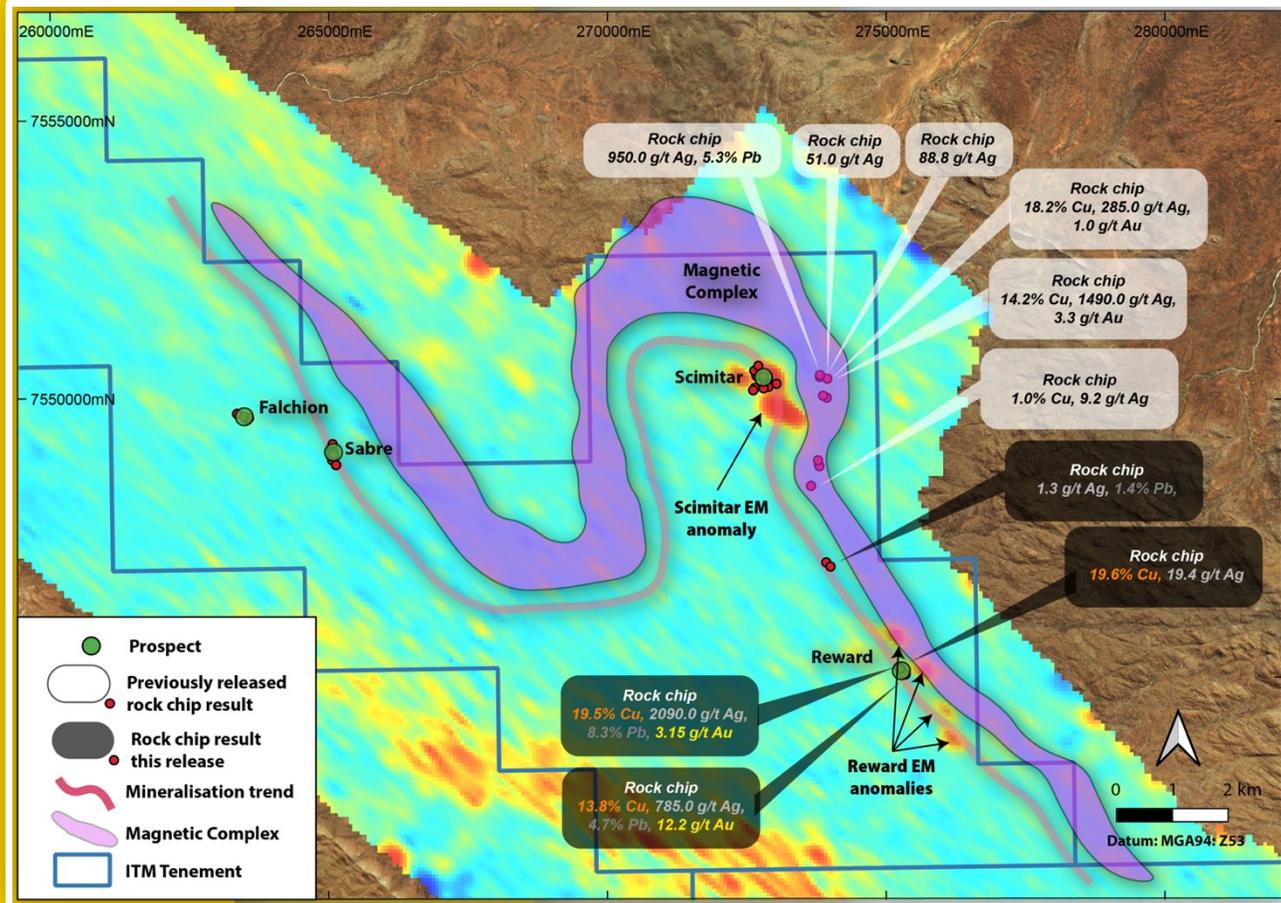
- Polymetallic gold rich mineralisation
- Possible volcanogenic massive sulphide mineralisation (VMS)
- Part of >26km of newly identified VMS prospective horizon
- Gold grade appears to be increasing to the south-east
- Planning underway for moving loop electromagnetic survey (MLEM) to identify massive sulphide mineralisation
- Drilling planned for later in the year subject to all necessary approvals





**ADDING
COPPER
POTENTIAL**

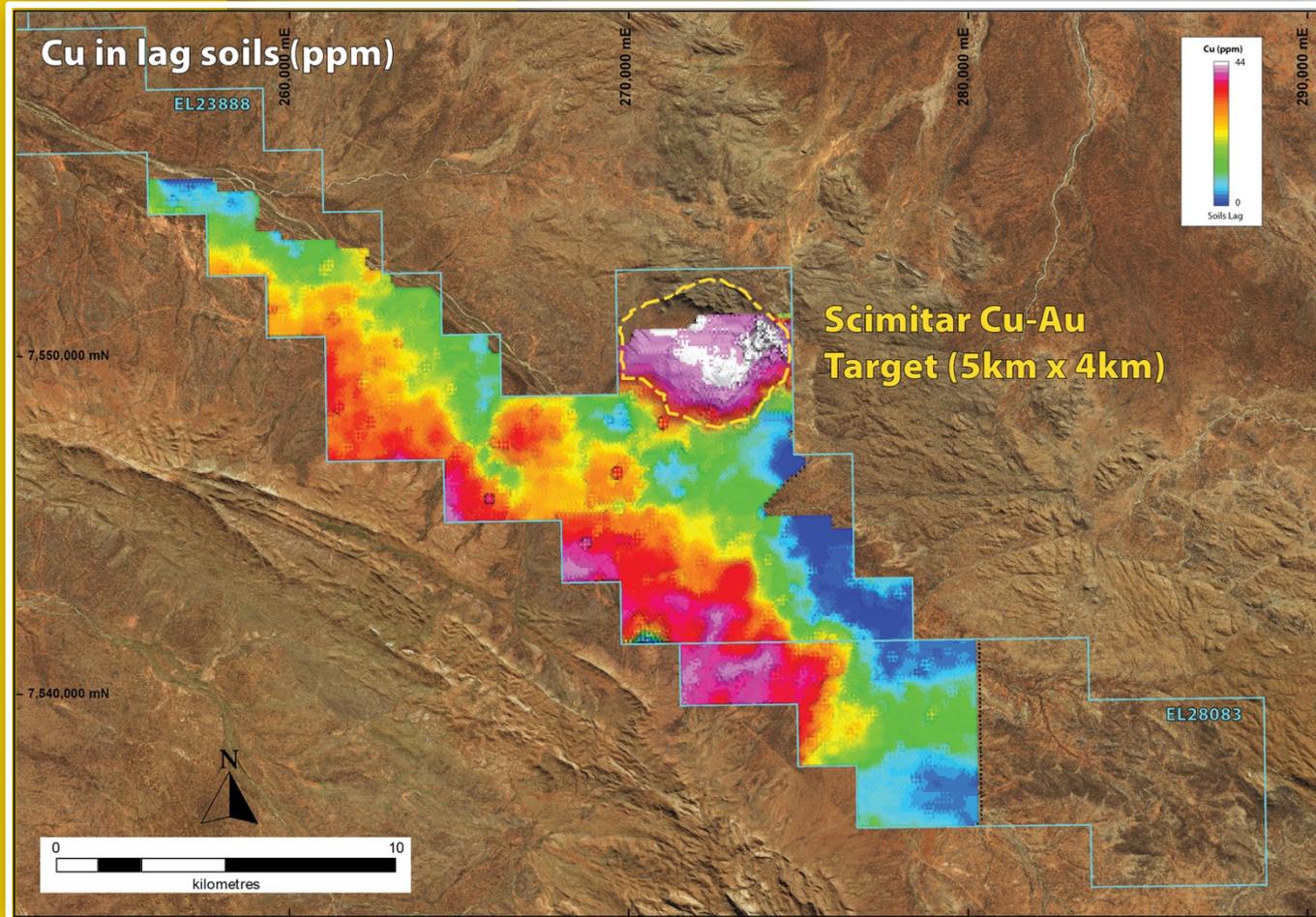
REYNOLDS RANGE PROJECT | COPPER – SILVER – BASE METALS



SCIMITAR-REWARD ROCKCHIP RESULTS

- Rock chips at Reynolds Range have returned up to
 - 18.2% Cu, 1.0 g/t Au and 285 g/t Ag
 - 14.2% Cu, 3.3 g/t Au and 1490 g/t Ag
 - 19.5% Cu, 3.3 g/t Au and 2,090 g/t Ag
 - 19.6% Cu and 12.2 g/t Au and 785 g/t Ag
 - 13.8% Cu and 19.4 g/t Au
 - 950 g/t Ag, 5.3% Pb
- Polymetallic style of mineralisation, possible VMS at Scimitar and Reward
- >26km of new VMS prospective horizon

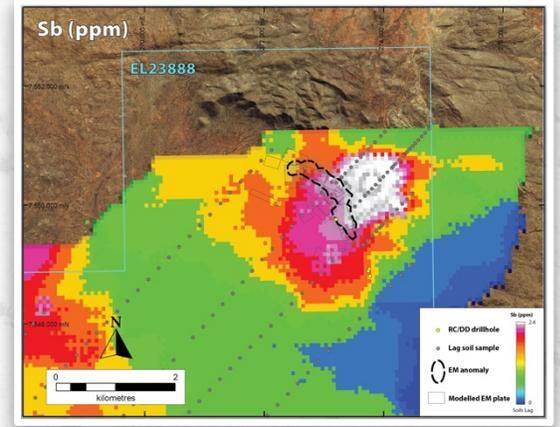
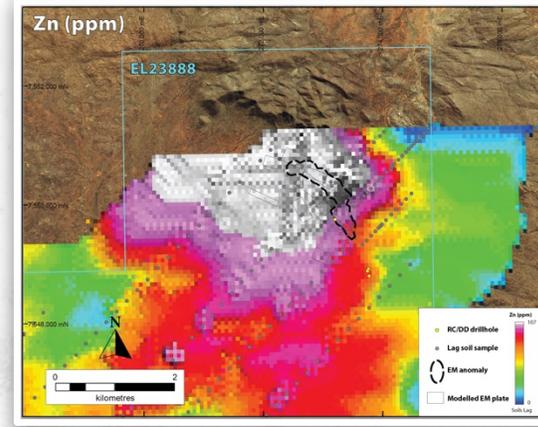
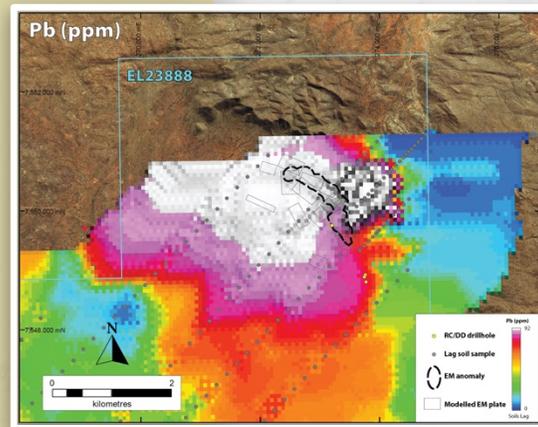
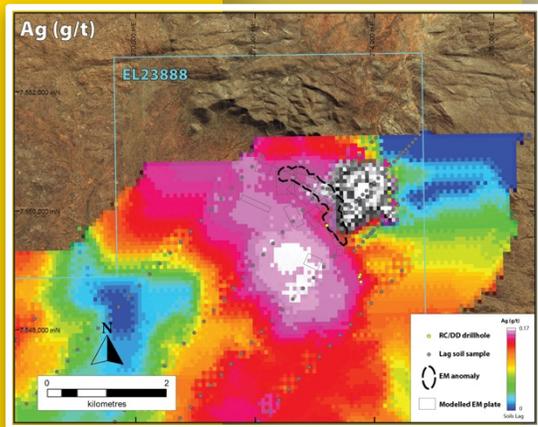
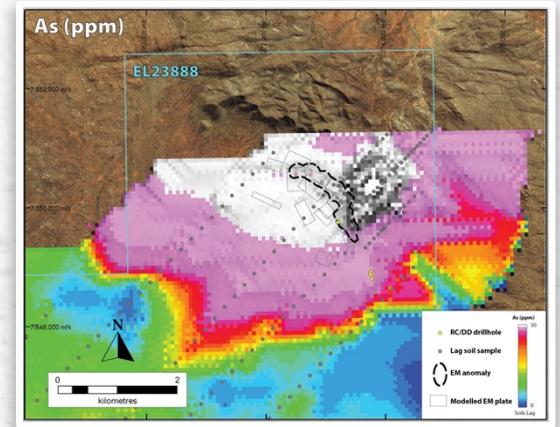
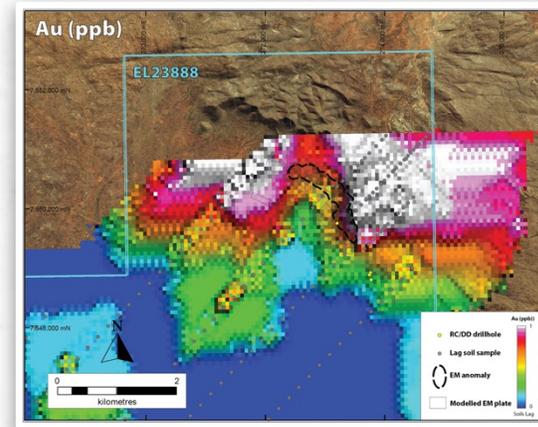
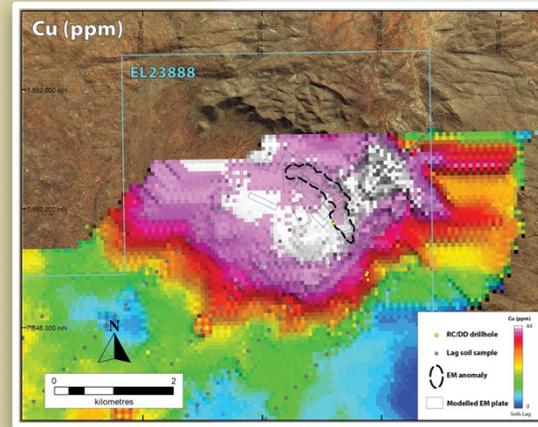
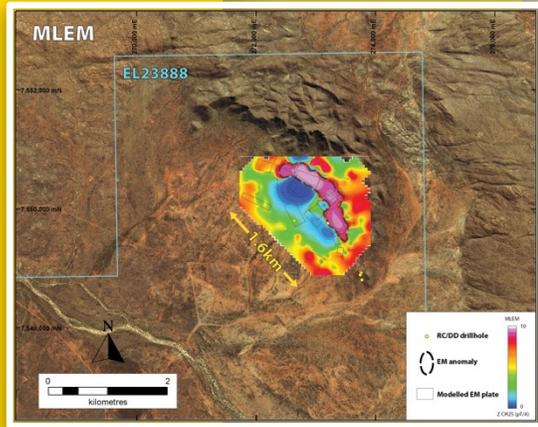
REYNOLDS RANGE PROJECT | SCIMITAR COPPER – GOLD PROSPECT



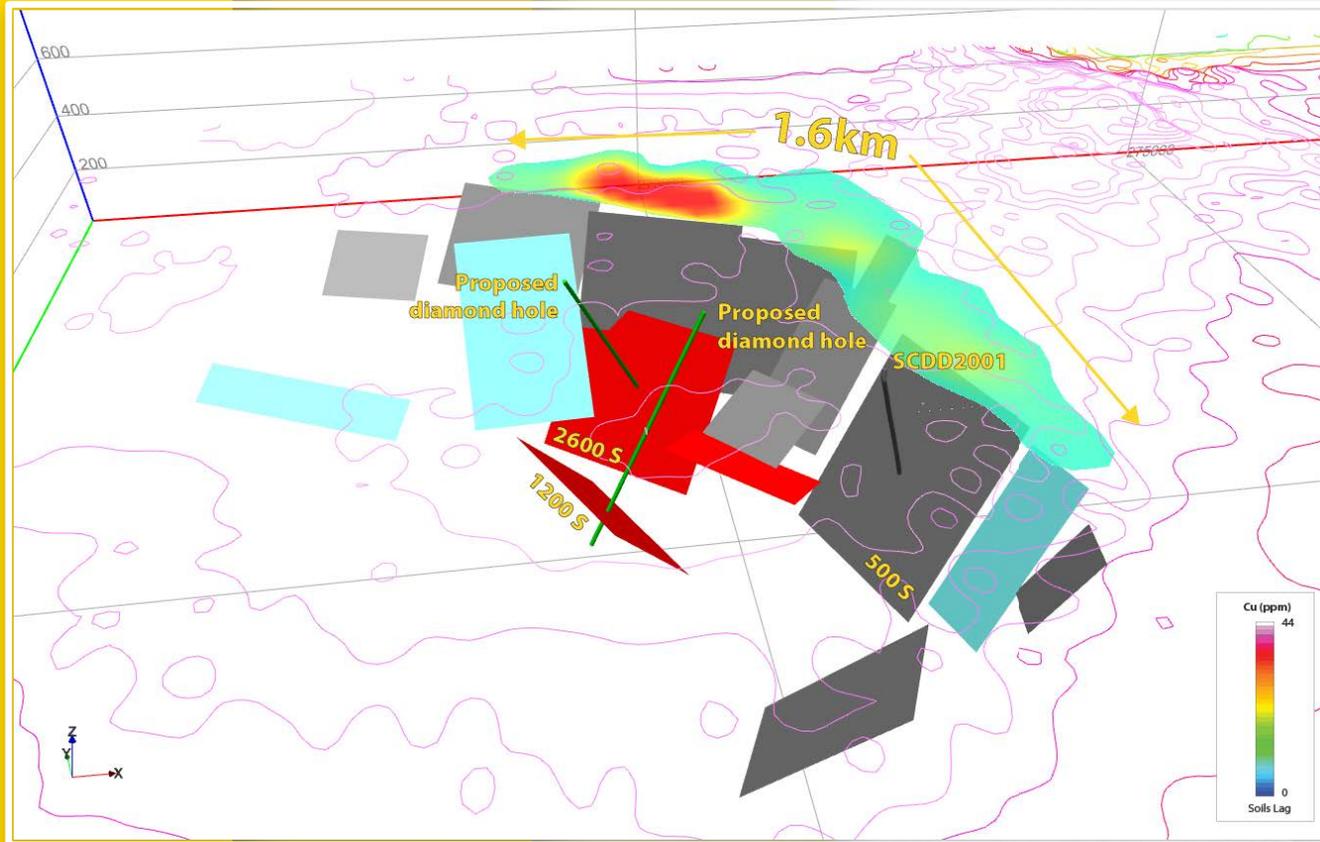
5KM X 4KM LAG SOIL ANOMALY

REYNOLDS RANGE PROJECT | SCIMITAR COPPER – GOLD PROSPECT

MULTI-ELEMENT LAG SOIL ANOMALY



REYNOLDS RANGE PROJECT | SCIMITAR PROSPECT DRILL TARGETS



3D EM Model of Scimitar Target

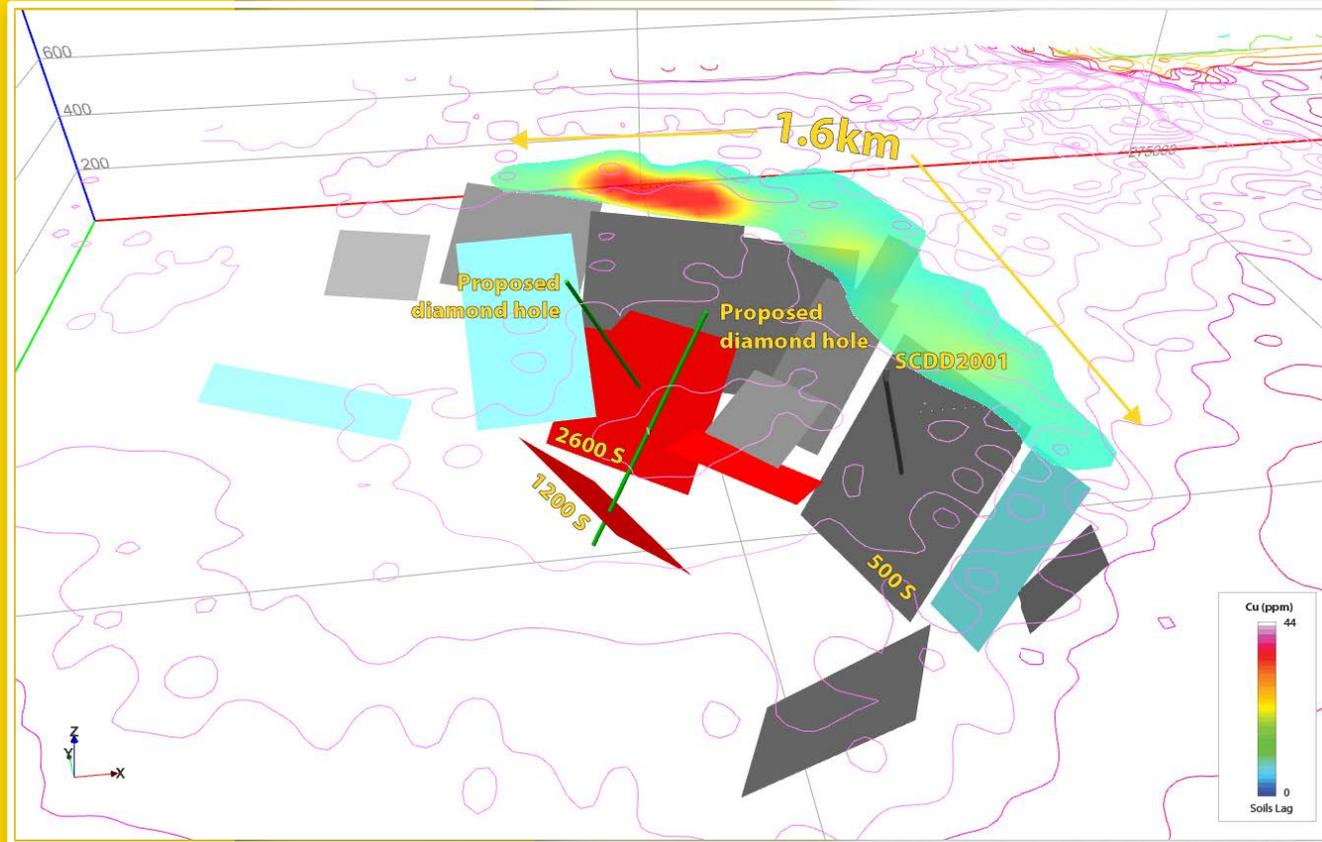
HIGH-PRIORITY DRILL TARGETS

- Historical diamond drill hole was drilled into smaller EM target
- Identified base metal veining but didn't hit EM target
- Second planned hole into larger EM target never drilled due to bad weather and closed roads
- 2600, 1200 and 1000 SI EM anomalies remain untested



Sample from malachite outcrop at Scimitar

REYNOLDS RANGE PROJECT | SCIMITAR PROSPECT DRILL TARGETS



3D EM Model of Scimitar Target

HIGH-PRIORITY DRILL TARGETS

- Two diamond holes are planned to commence late March – early April this year
- Government drilling approvals in place, finalising heritage clearances
- Drilling expected to commence this quarter

REGIONAL LITHIUM POTENTIAL

Large pegmatite outcropping at the Reynolds Range Project

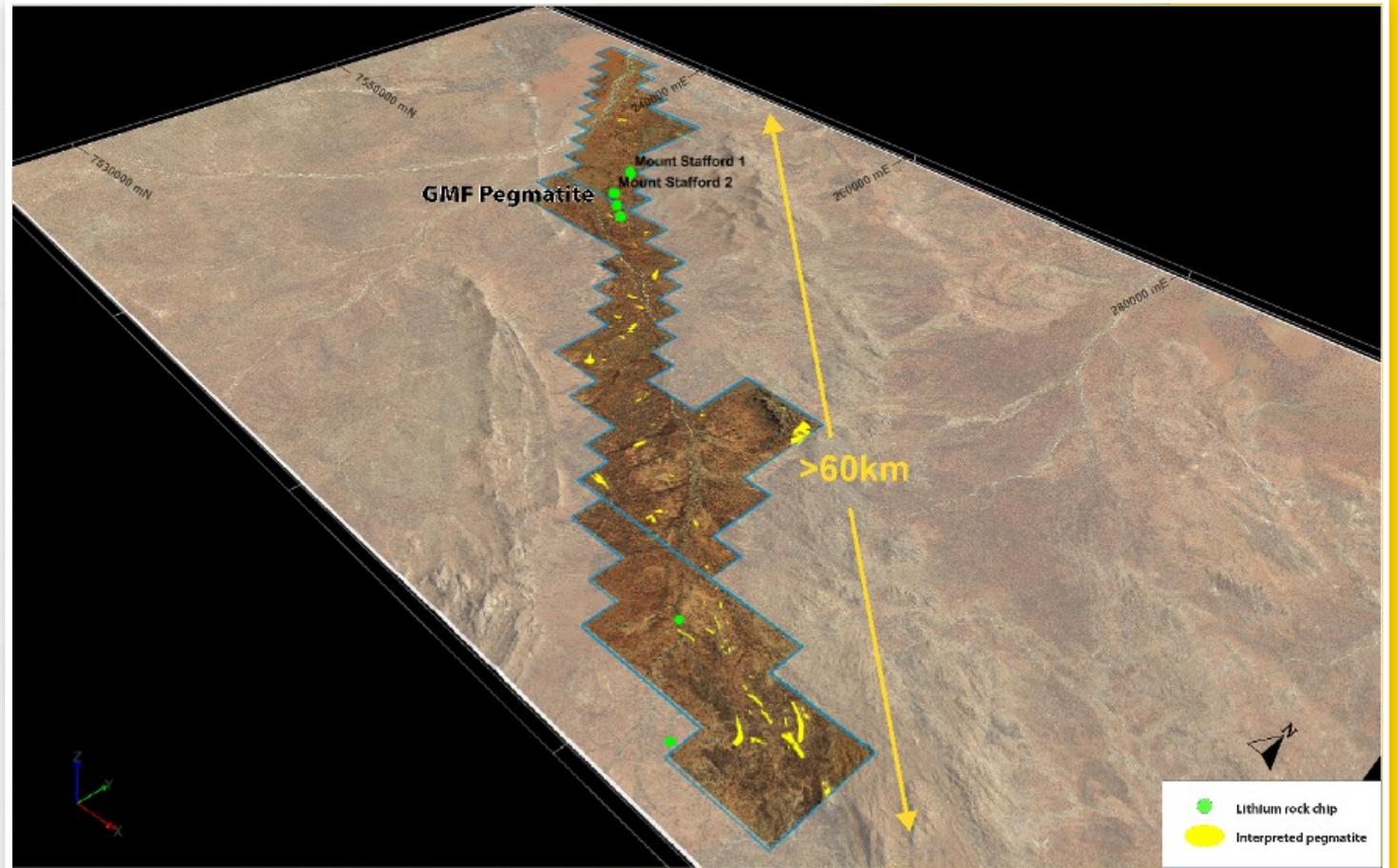
REYNOLDS RANGE PROJECT | REGIONAL LITHIUM POTENTIAL

IS THIS A NEW LITHIUM PROVINCE?

- Over 120 pegmatites interpreted from satellite imagery across 60km
- Individual pegmatites mapped by drone survey at over 1.2 km long and >100m wide
- Potential new province/belt scale system



Large pegmatite outcropping at the Reynolds Range Project



REYNOLDS RANGE PROJECT | iTech PARTNERS WITH SQM

SQM PARTNERSHIP

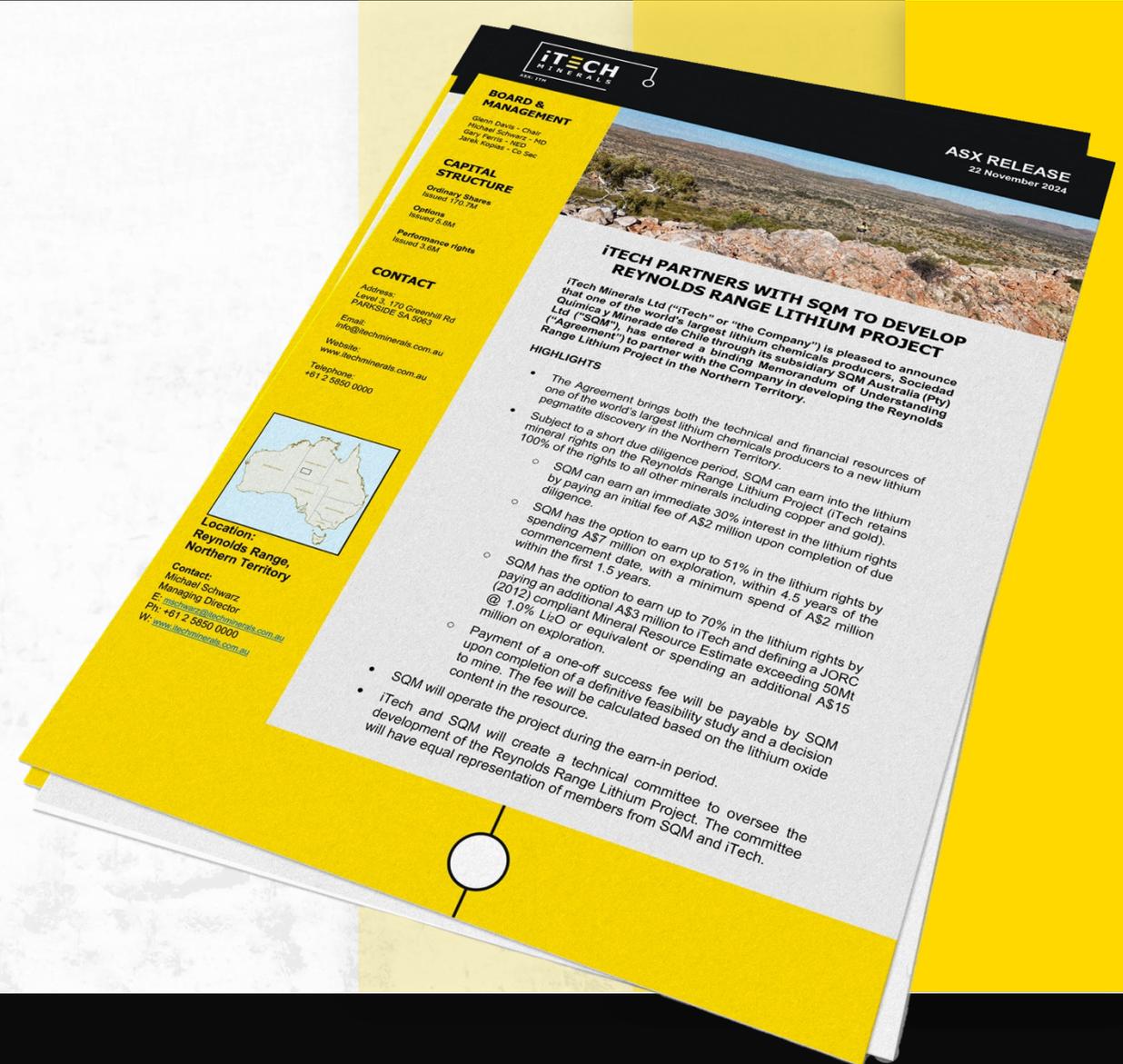
- iTech believes it will take the technical capability and financial resources of one of the world's largest lithium chemical producers, like SQM, to fully capture the value of this exciting new project.
- SQM is a world-leading, lithium-focused company, which brings significant financial and technical resources to the project.
- With SQM initially funding and managing all aspects of lithium exploration and development, iTech can focus its resources on the exploration of the copper and gold potential of the Reynolds Range tenement package, of which it retains 100% ownership
- Given the highly volatile nature of the current lithium market and pricing, iTech believes the partnership will secure the necessary financial and technical resources to advance the Reynolds Range Lithium Project to discovery and development in the shortest possible time



REYNOLDS RANGE PROJECT | iTech PARTNERS WITH SQM

SQM PARTNERSHIP

- SQM can earn an immediate 30% interest in the lithium rights by paying an initial fee of A\$2 million upon completion of due diligence.
- SQM has the option to earn up to 51% in the lithium rights by spending A\$7 million on exploration, within 4.5 years of the commencement date, with a minimum spend of A\$2 million within the first 1.5 years.
- SQM has the option to earn up to 70% in the lithium rights by paying an additional A\$3 million to iTech and defining a JORC (2012) compliant Mineral Resource Estimate exceeding 50Mt @ 1.0% Li₂O or equivalent or spending an additional A\$15 million on exploration.
- Payment of a one-off success fee will be payable by SQM upon completion of a definitive feasibility study and a decision to mine. The fee will be calculated based on the lithium oxide content in the resource.
- SQM will operate the project during the earn-in period.



REYNOLDS RANGE PROJECT | iTech PARTNERS WITH SQM

SQM PARTNERSHIP

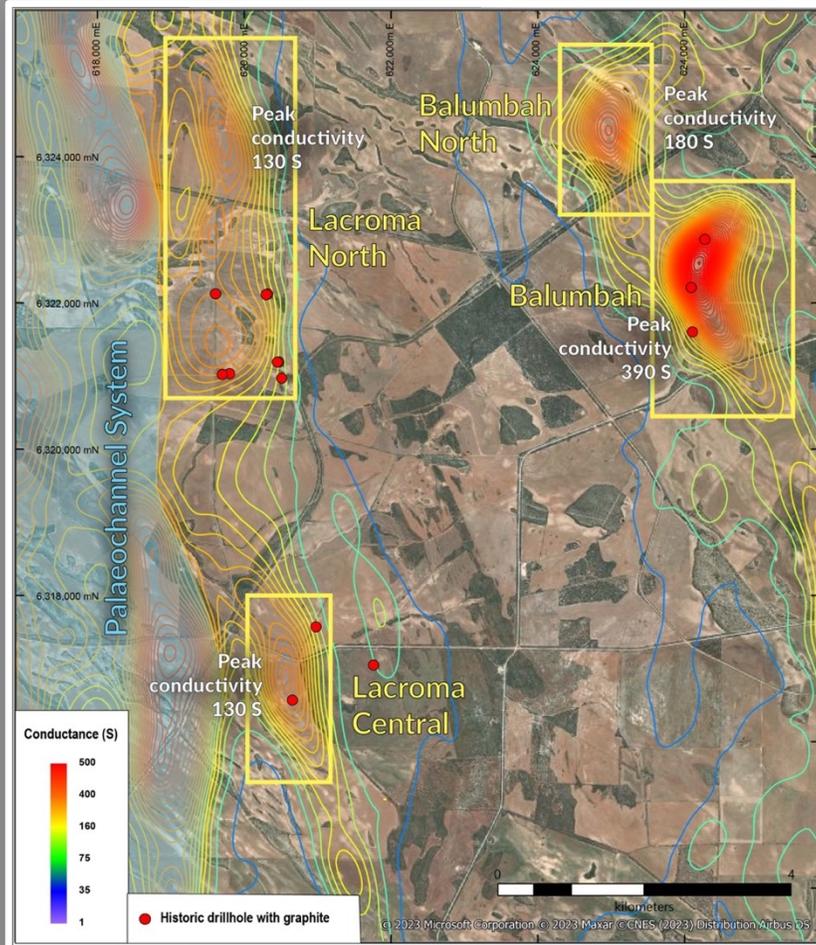
- Due diligence period ends late March 2025
- At this point, SQM is due to purchase a 30% interest in the lithium mineral rights for \$2.0M cash
- SQM will be operators of the lithium exploration program allowing iTech to focus on ongoing gold and copper exploration at Reynolds Range





A GROWING
GRAPHITE
RESOURCE

EYRE PENINSULA PROJECT | NEW TARGETS



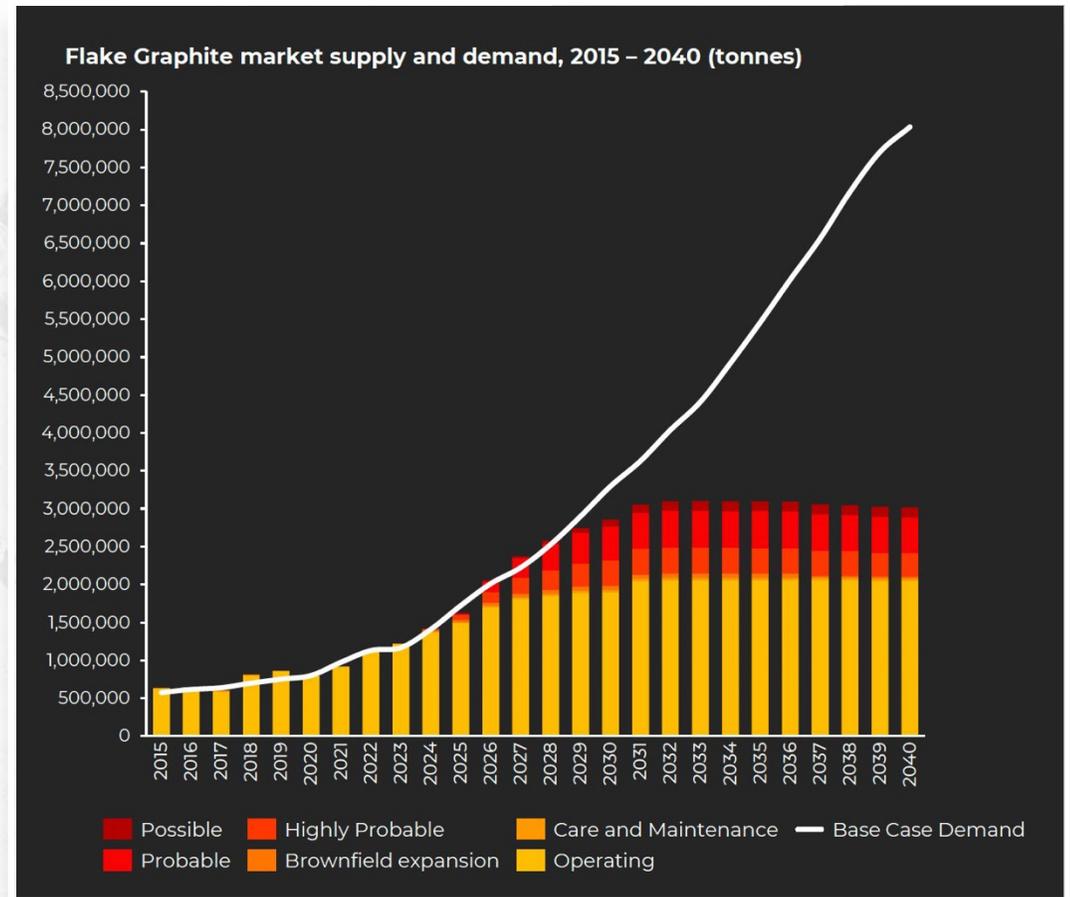
GROWING THE GLOBAL RESOURCE

- Balumbah drilling commenced February 17
- 6 holes for 600-1000m
- Expected to take 10 - 14 days to complete

Prospect	Lacroma Central	Balumbah	Balumba North
Length	2.3 km	3.0 km	1.5 km
Width	0.5 km	1.0 km	0.8 km
AEM Anomaly peak strength (50-100m)	130	390	180
Graphite in historical drilling	Yes, main zone appears to be 1.5km long, up to 95m thick	Yes, graphite in drill holes over 1.3km, logged but not sampled	No drilling
Best drill result	93m @ 6.9% TGC	Graphite logged in drill holes from 34-60m, ended in mineralisation	n/a
Cover/ palaeochannel sediments	Outcrops at surface	~30m of palaeochannel sediments over mineralisation	Unknown

iTECH'S GRAPHITE ADVANTAGE – LEVERAGED TO CAPITALISE ON A LOOMING GRAPHITE SHORTFALL

- iTech's projects have all the hallmarks of a low-cost operation
 - Excellent ore body geometry with mineralisation at surface.
 - Deeply weathered, low sulphide content and deep groundwater mean low mining and processing costs.
- Simple flotation flowsheet to achieve 94% TGC concentrate.
- Environmentally friendly HF-free purification to >99.95% TGC
- Proven downstream processing flowsheet to better than industry standard UPSG (uncoated spherical graphite).
- Located in South Australia, a tier 1 mining jurisdiction with abundant renewable energy and granted mining lease.
- Potential to exceed the ESG requirements of even the most discerning offtake partners.
- Situated to supply into the ex-China market with premium pricing.
- Market capitalisation is a fraction of industry peers.



Source: Benchmark Mineral Intelligence

INFORMATION

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iTech confirms that the Company is not aware of any new information or data that materially affects the information included in the announcement and all material assumptions and technical parameters underpinning the mineral resource estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.