

1 August 2022

PRESENTATION – DIGGERS & DEALERS CONFERENCE, KALGOORLIE

St George Mining Limited (ASX: **SGQ**) is participating in the Diggers & Dealers Conference in Kalgoorlie from 1 to 3 August 2022.

A copy of the Investor Presentation for the Conference is attached.

Authorised for release by the Board of St George Mining Limited.

For further information, please contact:

John Prineas

Executive Chairman

St George Mining Limited

+61 411 421 253

john.prineas@stgm.com.au

Peter Klinger

Media and Investor Relations

Cannings Purple

+61 411 251 540

pklinger@canningspurple.com.au



Fuelling the Future

*Investor Presentation
2022 Diggers & Dealers Conference
1-3 August 2022*

ST GEORGE MINING LIMITED
ACN 139 308 973 ASX: SGQ



Ni-Cu-PGE
discovery at Mt
Alexander, WA

Project Portfolio

Tier one location



Mt Alexander

- High-grade Ni-Cu-PGEs discovered near-surface
- Large mineral system which remains open

Paterson

- Prospective for copper-gold mineralisation
- Diamond drilling of targets underway

Ajana

- Large layered mafic intrusion interpreted from magnetics
- Prospective for Ni-Cu-PGEs

Broadview

- Two large interpreted intrusions
- Prospective for Ni-Cu-PGEs



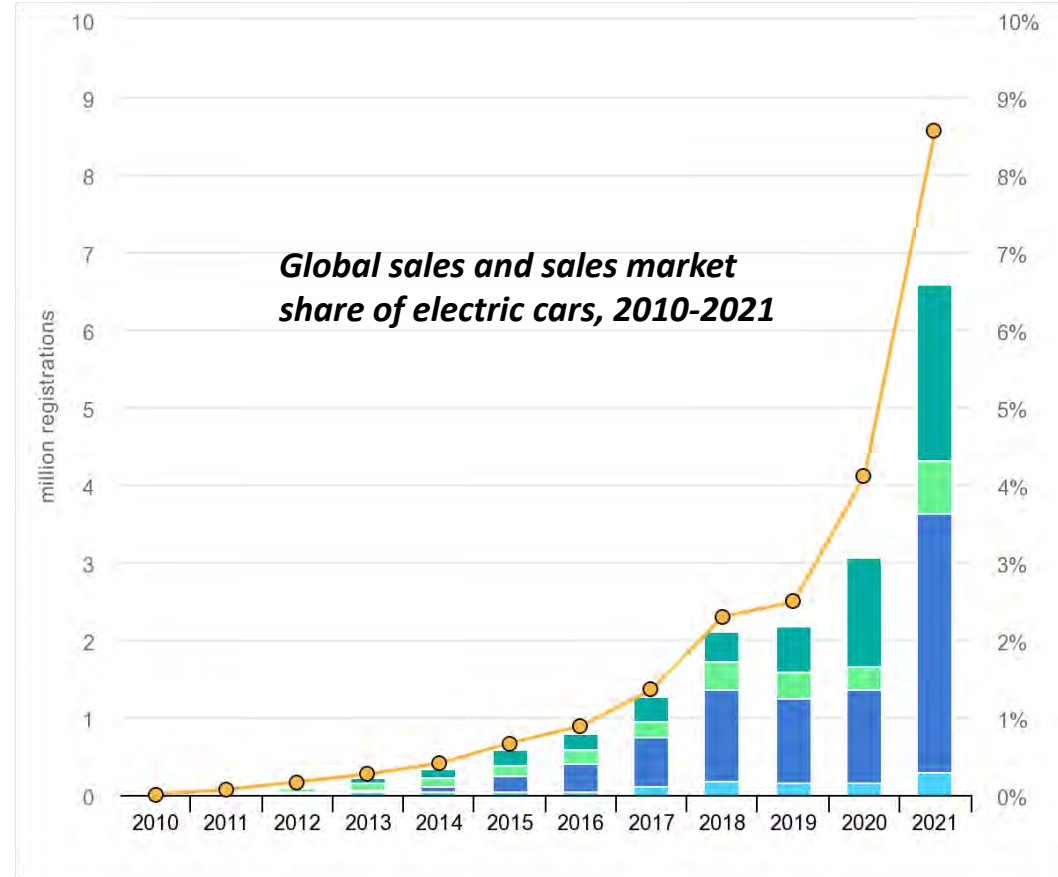
Future Facing Metals

Unprecedented demand growth

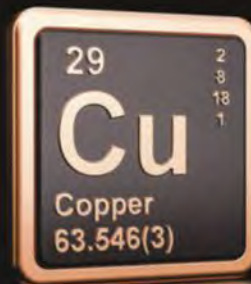
Metals are critical for technologies that deliver decarbonisation

Multi-decade transition to electrify energy is underway

Exponential growth in EV sales is one example of how growth rates in demand for future metals will be unprecedented



Source: IEA 2022, *Electric cars fend off supply challenges to more than double global sales*



Corporate Overview

Expertise to create value for shareholders



**Market Capitalisation
(29 July 2022)**

\$21m

Top 20 Shareholders

21%

**Directors &
Management**

5%

Cash (30 June 2022)

\$4.1m

Listed Shares

700,017,808

Listed Options

Nil

Share Price (29 July 2022)

\$0.03

Debt

Nil

Directors and Management – Vision and Experience for Success

John PRINEAS, Executive Chairman – founding shareholder with over 25 years experience in mining, and the banking and legal sectors servicing the resources industry.

John DAWSON, Non-Executive Director – over 30 years in the finance and mining sectors where he occupied very senior roles with global investment banks Goldman Sachs and Dresdner Kleinwort Wasserstein.

Sarah SHIPWAY, Non-Executive Director/Company Secretary – Chartered Accountant with extensive experience in advising listed exploration companies.

Julian HANNA, General Manager – Growth and Development – over 35 years experience in exploration, development, mining and corporate growth. Former Managing Director of nickel miner Western Areas and copper explorer MOD Resources, both delivering new discoveries and growth during his leadership.

Charles WILKINSON, Technical Consultant – over 35 years as a geologist with 16 years at WMC including as Exploration Manager - Nickel. Joined Western Areas in 2008 as General Manager Exploration. During his 9 years at WSA, it grew its resource inventory to become Australia's No. 1 independent nickel sulphide producer.

Dave MAHON, Exploration Manager – joined St George in 2018 and has supervised all exploration at Mt Alexander and our Paterson Project. Gained specialist nickel sulphide expertise working with Western Areas as a mine geologist and project exploration geologist.

Mt Alexander

Fresh Ni-Cu-PGE sulphides near-surface

- Four shallow, high-grade discoveries over a 5.5km strike of the Cathedrals Belt – *extensive strike suggests a large fertile system with potential for mineralisation deeper and along strike from the current shallow discoveries*
- Style of mineralisation is very rare – combination of high-grade nickel, copper, cobalt and platinum group metals
- Cathedrals Belt has an interpreted strike of more than 15km; mineralisation is open and multiple parallel structures remain unexplored
- EM surveys very effective in targeting shallow deposits (100% success) – new techniques needed to test deeper level

Prospect	Hole	From m	Width m	Ni %	Cu %	Co %	PGE g/t
Stricklands	MAD71	37.5	17.45	3.0	1.3	0.13	1.68
	<i>including</i>	39.3	5.30	4.4	1.5	0.21	2.09
	<i>and</i>	50.6	2.02	5.1	2.0	0.21	3.31
Cathedrals	MAD56	57.8	7.50	3.9	1.7	0.12	3.32
	<i>including</i>	61.8	3.15	6.4	2.9	0.20	5.03
Investigators	MAD38	25.4	2.74	3.77	1.48	0.1	3.85
Investigators	MAD127	183.9	8.49	5.8	2.6	0.18	3.61
	<i>including</i>	184.4	6.39	6.5	2.8	0.21	3.68
Radar	MAD152	46	6.00	2.14	0.74	-	1.62



*Drill core from
MAD56*

New, conceptual targets

Potential for large discoveries



Target 1 – Ida Fault:

- Intersection of Ida Fault and Cathedrals Belt
- Ida Fault is a major intra-cratonic domain boundary fault only 2.5km west of current limit of high grade intersections at West End
- May have been a control on mineralisation

Target 2 – Radar:

- 2-3km interpreted structural anomaly with little follow-up of shallow discovery drill hole

Target 3 – Fish Hook:

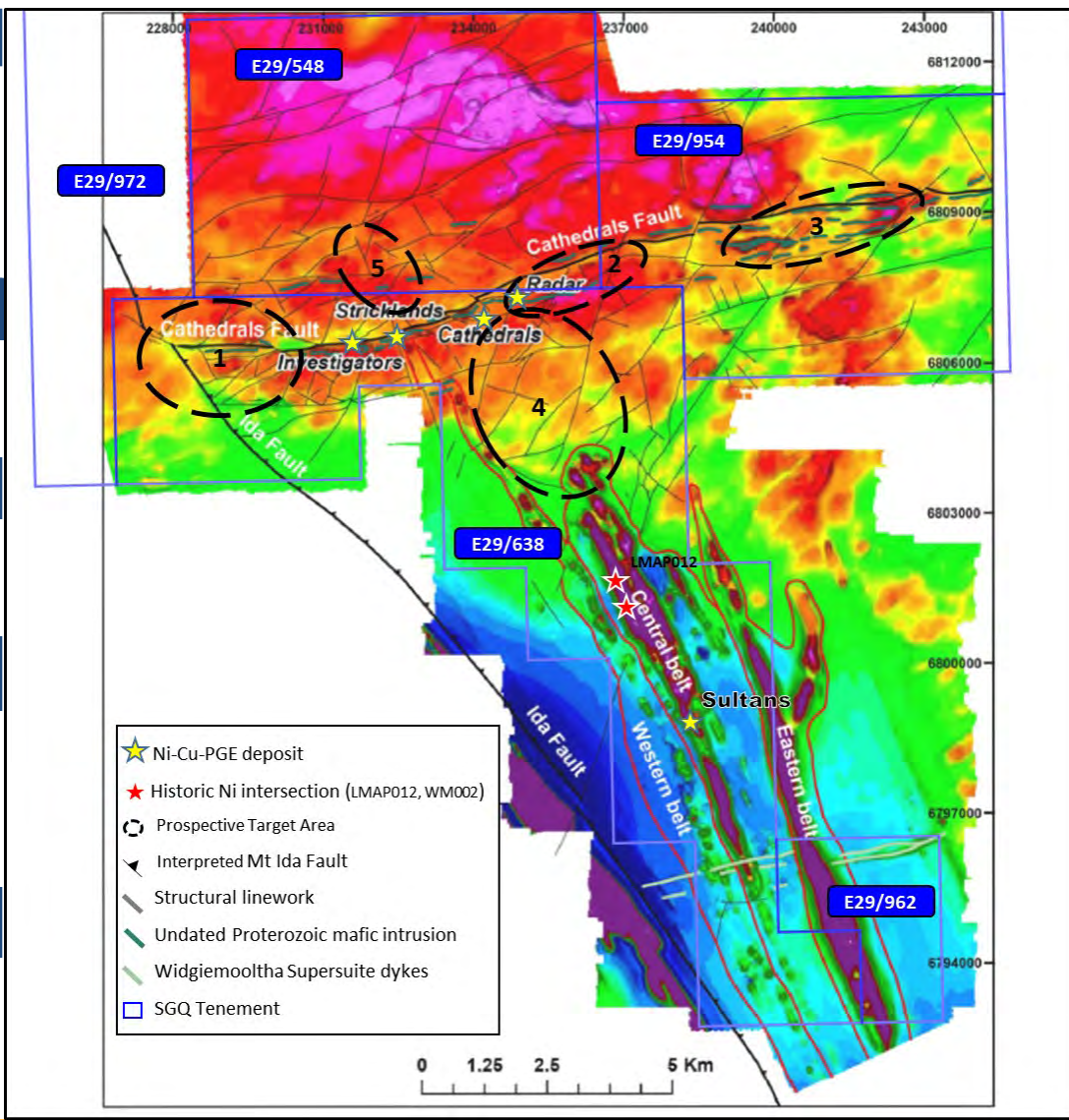
- >4km structural zone with multiple interpreted intrusions; minimal drilling

Target 4 – Granite/Greenstone contact:

- Exploring favourable structures and possible mineralised intrusions along the contact
- Komatiite hosted Ni sulphides (up to 2.6% Ni) intersected in Mt Alexander greenstone belt

Target 5 – Bullseye anomaly:

- Gravity and magnetic anomaly presents similar signature to Stricklands deposit



Cutting edge geophysics

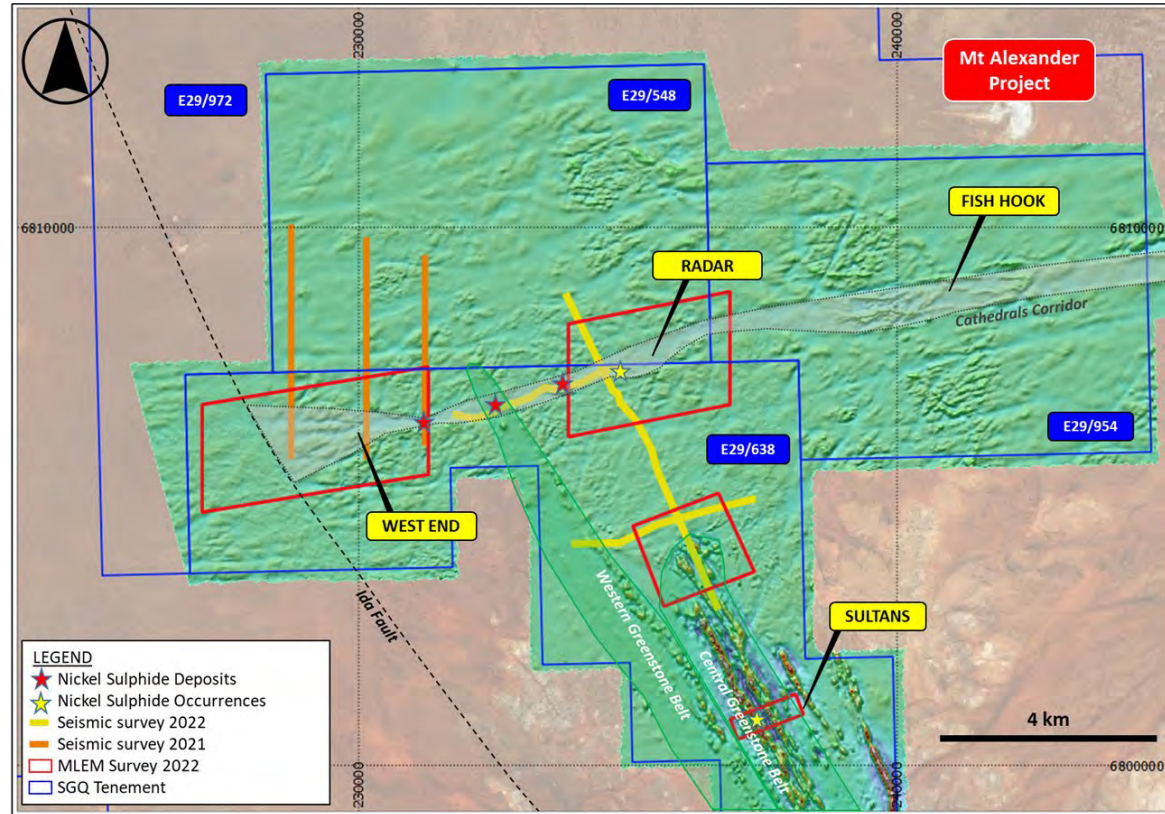
Drill targets emerging

Seismic survey:

- 13 line-km completed
- Key targets are granite-greenstone contact and Radar
- Processing of data underway ahead of next drill programme

EM survey:

- Moving loop EM survey using ARMIT sensor is underway
- Targeting underexplored areas and areas where previous EM configurations have been ineffective
- Results will assist to generate drill targets



Development Potential

Opportunity for low cost operation



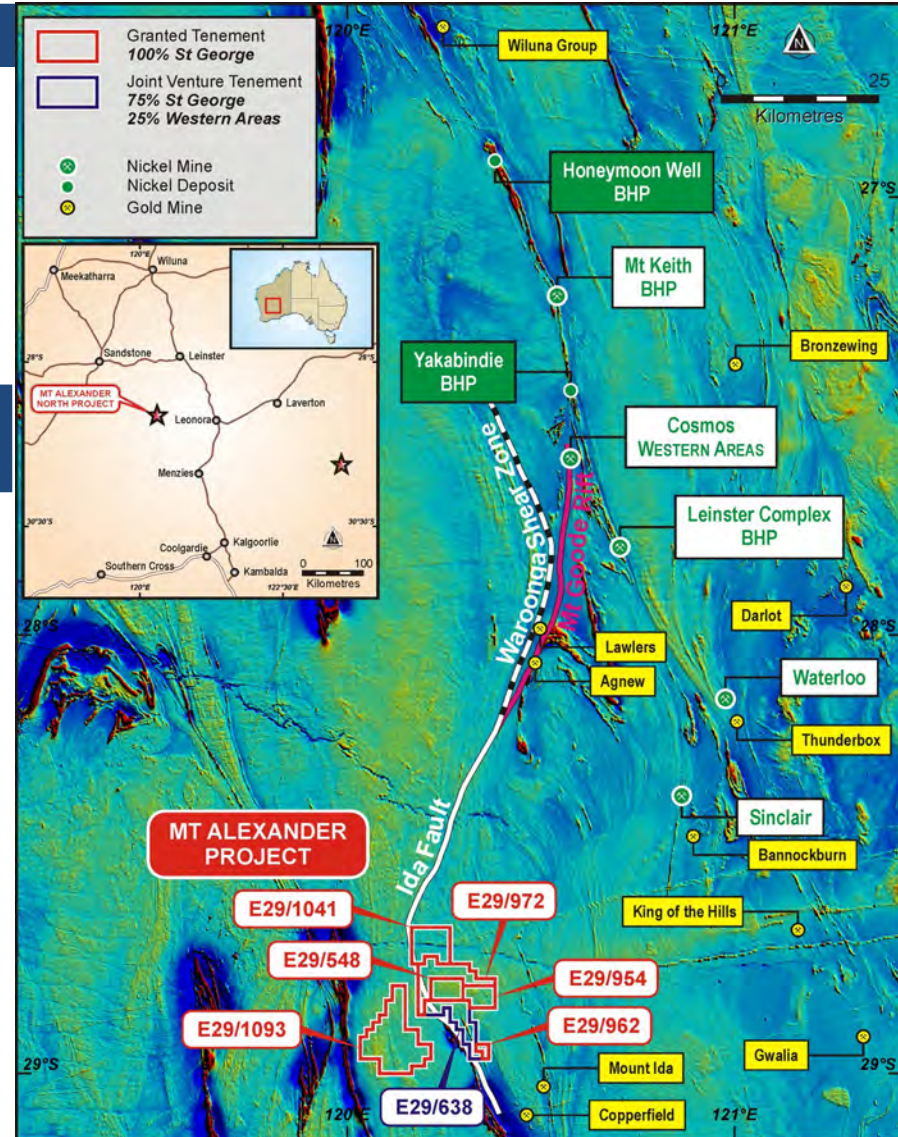
Foundation for potential development:

- Tier 1 mining jurisdiction Western Australia
- Neighbouring major nickel operations, including BHP's flagship nickel mines and IGO's Cosmos mine
- Access to existing infrastructure, roads and power
- Established route to market

Metallurgical test work confirms separate commercially attractive nickel and copper concentrates:

- XPS (a Glencore company) completed detailed test work and developed a flowsheet for processing through conventional flotation
- **27.8% Cu** concentrate, and **11.5% Ni** concentrate
- Strong credits for PGEs (approx. 70% Pd, 10% Rh), Ag, Au and cobalt; no deleterious elements

About the Project: St George Mining Ltd holds 100% of all the Mt Alexander tenements with the exception of E29/638, which is held in Joint Venture: St George Mining Ltd (75%) and Western Areas/ IGO (25%). St George is the manager with IGO retaining a 25% non-contributing interest in the Project until decision to mine.



Paterson Project

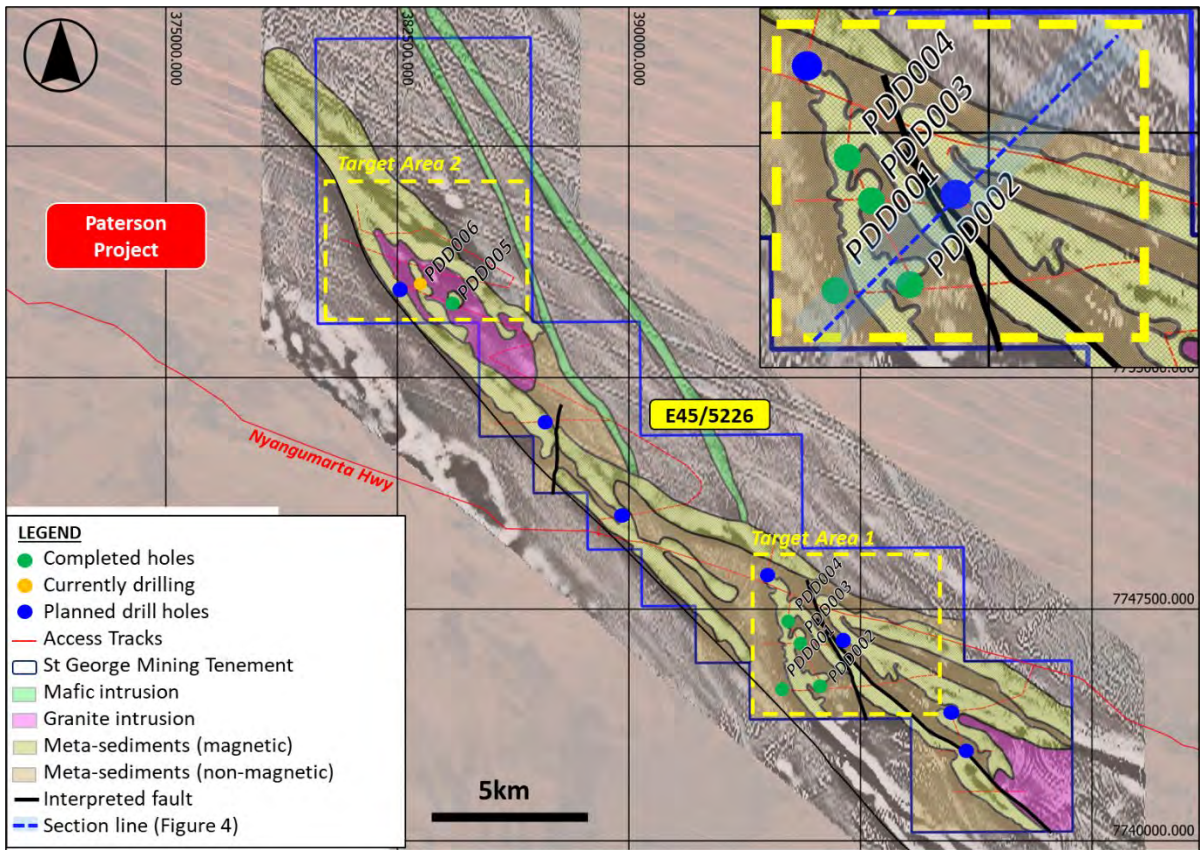
Within world-class copper-gold district



Maiden diamond drill programme:

- Diamond drilling commenced in May and is testing priority structural targets to assess the potential to host large copper-gold systems
- An important element of the drilling is to confirm host lithologies as well as deliver evidence of hydrothermal/mineralising processes
- Testing two priority target areas where anticline structural folds, regional scale thrust faults and internal granitic and mafic intrusions have been interpreted—these are textbook trap sites for mineralisation
- Lithologies intersected include meta-sediments that are considered part of the Yeneena Group sequence, known to host major copper-gold deposits elsewhere within the Paterson Province.

Paterson Project interpreted geology showing diamond drilling status overlying airborne magnetics imagery.



Paterson Project

Encouraging early drill results

The right rocks to host mineralisation:

- Five drill holes completed to date – PDD001, PDD002, PDD003, PDD004 and PDD005
- Drilling has confirmed prospective host lithologies and evidence of hydrothermal/mineralising process
- Visual copper sulphide and local quartz veining logged in several drill holes
- Identification of breccia zones with associated hydrothermal alteration and sulphides is highly encouraging for an early-stage drill programme
- Photos on right show sulphidic intersections from PDD002 at 235m (top left) and 267m (top right); structural complexity and alteration of vein sets shown in core tray for PDD001 (bottom)

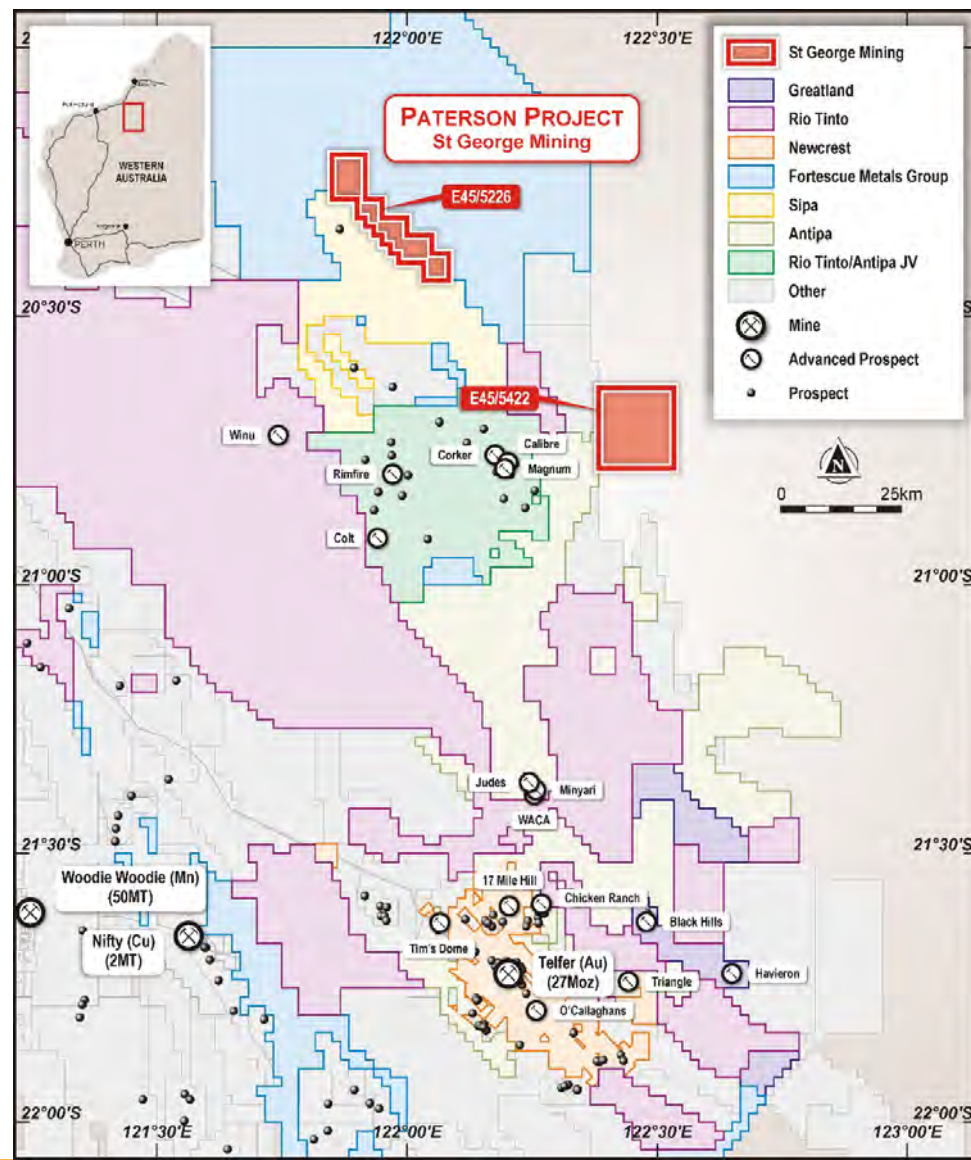


Paterson Project

Excellent address



- St George holds 100% of two prospective tenements
- St George ground has not been explored by modern geophysics and drilling techniques, offering an attractive opportunity for a new discovery in an exploration hotspot
- Geological setting at St George's ground is interpreted to show strong similarities to Rio's major Winu Cu-Au discovery
- Neighbouring companies Antipa (ASX: AZY) and Sipa (ASX: SRI) have joint ventures with Rio Tinto
- Style of intrusion related breccia mineralisation seen in St George's drilling is demonstrated at Antipa Minerals' (ASX: AZY) Minyari Deposit (1.8Moz Au and 162kt Cu) and Greatland Gold's (LSE: GGP) Havieron Deposit (5.5Moz Au and 218kt Cu) in the southern Paterson Province

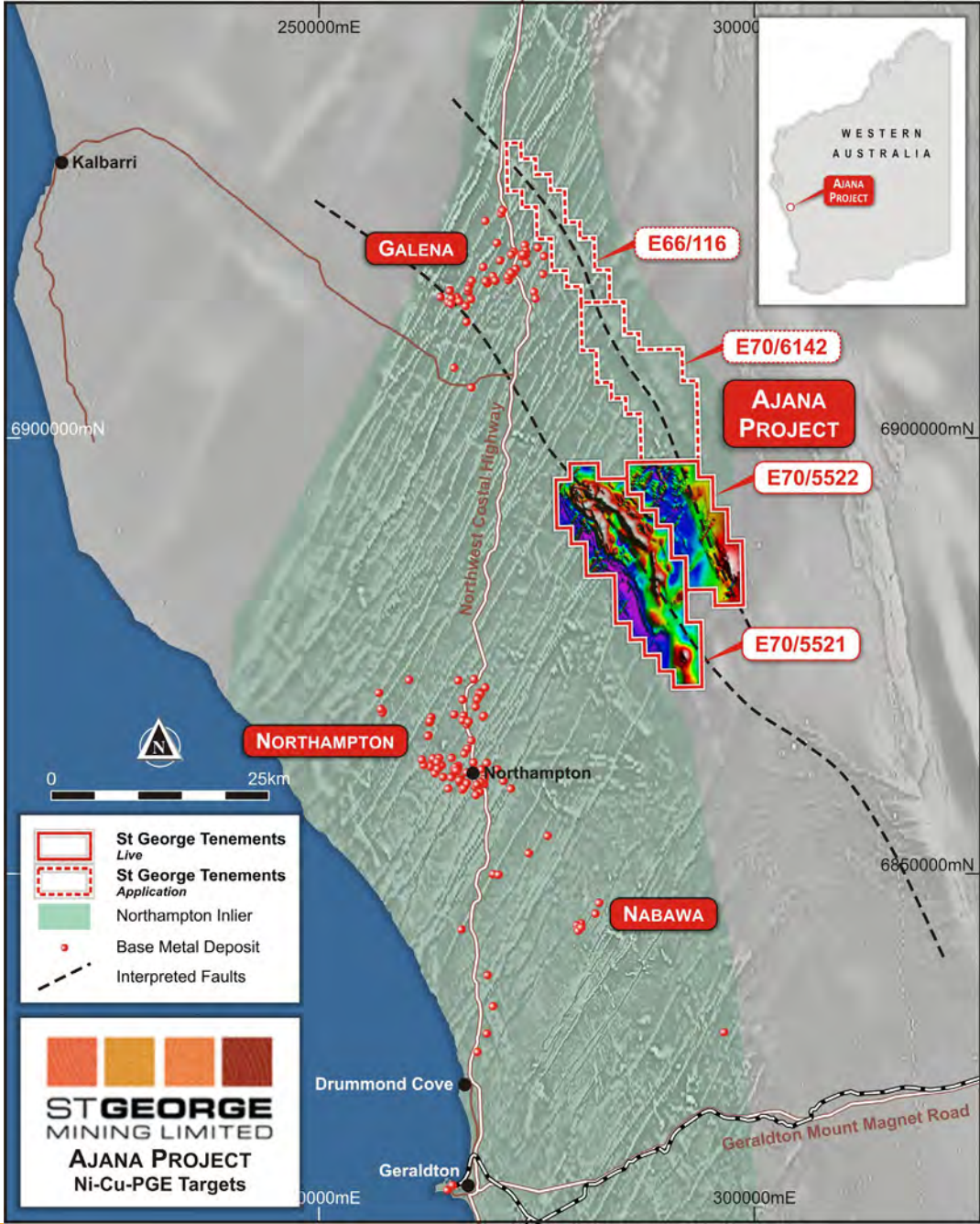


Ajana Project

Underexplored ground in fertile mineral district

Prime position:

- Located in the Northampton mineral field where extensive mining of near surface base metals deposits occurred during 1850 to 1973
- Near the western margin of the Yilgarn, an area of strong exploration activity following the discovery of Chalice Mining's Julimar deposit in the western Yilgarn
- St George has two granted exploration licences and two licences in application covering a total of 580 sq km (100% St George)
- Modern exploration techniques and concepts, including the latest geophysical surveys, have the potential to identify blind deposits



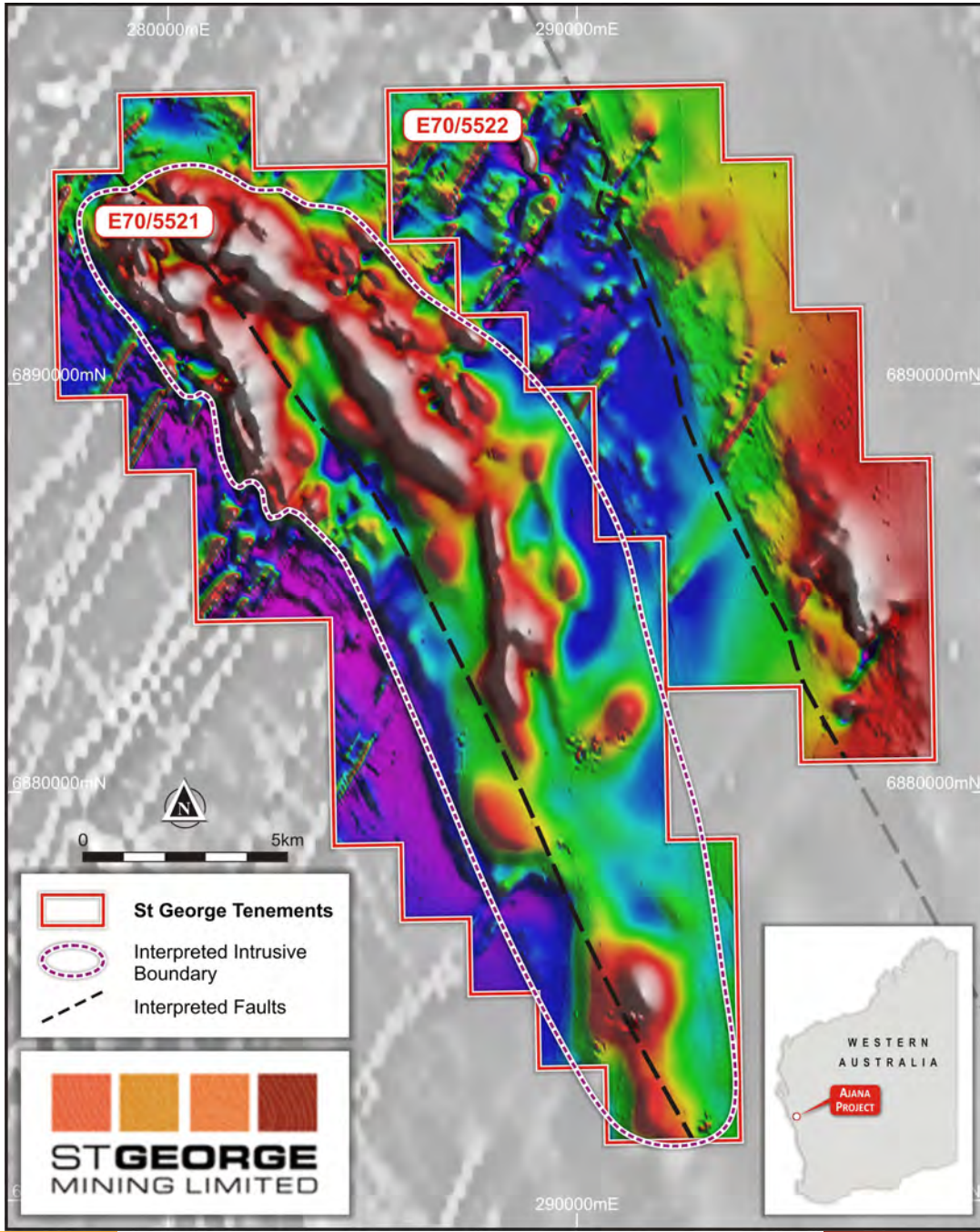
Ajana Project

Ni-Cu-PGE targets emerging

Interpreted intrusion:

- Detailed airmag by St George confirms a 20km-long north-northwest trending elliptical magnetically anomalous body
- Large magnetic anomaly includes several concentric features and is cut by the same dykes that host the historic lead, zinc and copper sulphide deposits in the Northampton block
- Inversion modelling of the magnetic data is indicative of a late-stage, potentially layered mafic intrusion – prospective to host significant Ni-Cu-PGEs

Map of the Ajana granted exploration licences with newly acquired airborne magnetics data set against regional magnetics.



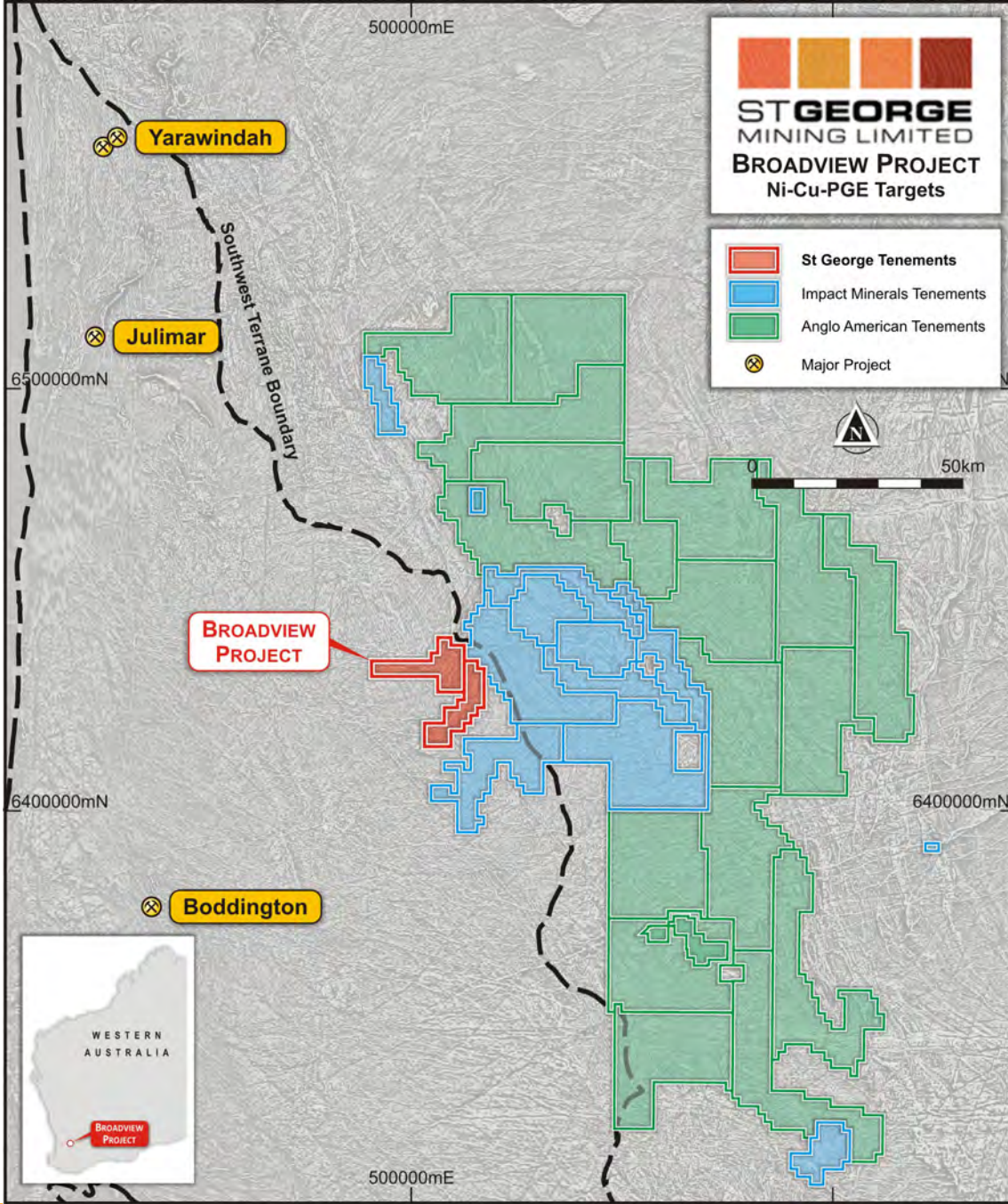
Broadview Project

Emerging mineral province

Prospective greenfields exploration:

- Located in Western Australia's Wheatbelt, approximately 150km east of Perth
- Two exploration licences (100% St George) covering two large interpreted mafic intrusives – each +25km long – adjacent to the boundary of the South West Terrane
- The boundary of the South West Terrane hosts Chalice's Julimar discovery, located to the north-west of Broadview
- Anglo American and Impact Minerals have major projects underway to the east of Broadview

Map of the Broadview Project tenements overlaying magnetic data and highlighting interpreted mafic intrusives. Inset shows regional location adjacent to Impact Mineral's and Anglo's extensive tenement holdings.



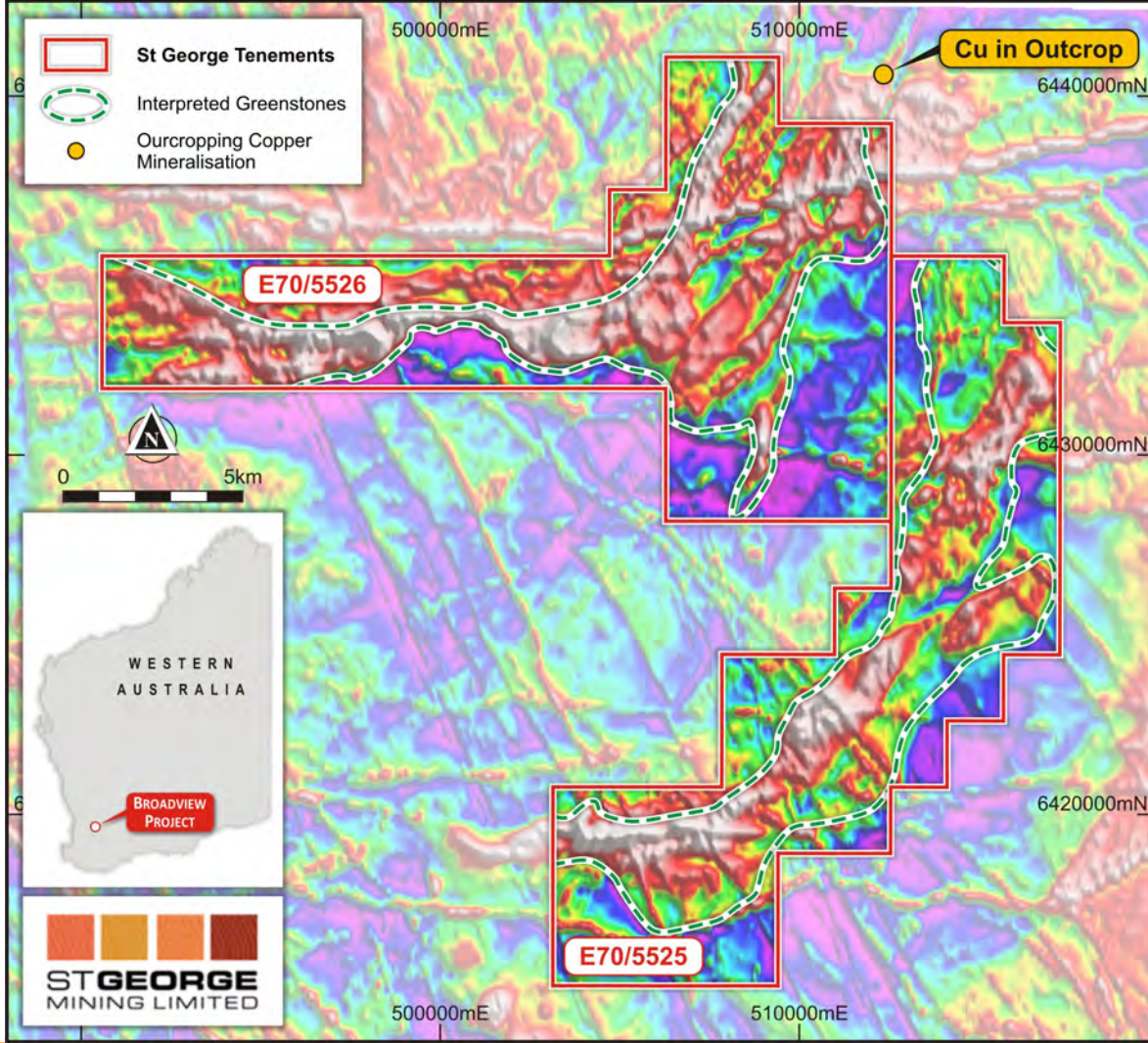
Broadview Project

Favourable geological setting



Ni-Cu-PGEs targets emerging:

- Licences cover two, approx. 25km long north-east trending strongly magnetic features interpreted to potentially represent two large mafic/ultramafic intrusions
- Unusual magnetic features cross-cut the regional north-west trending geology and appear linked to the craton-scale domain boundary interpreted at the eastern end of the licences
- Widely spaced auger soil sampling by St George along existing roads identified locally elevated Ni and Cu results



Map of Broadview Project showing the large arcuate magnetic anomalies identified from airborne magnetic imagery and a reported copper occurrence along strike from the northern anomaly.

Major Drill Programmes

Extensive drilling scheduled throughout 2022

- Diamond and reverse circulation (RC) drilling to be deployed in 2022
- Drilling at Mt Alexander will focus on:
 - testing new, conceptual targets for Ni-Cu-PGE discoveries
 - completing infill and extension drilling for near-surface known mineralisation
- Drilling at Paterson in progress
- Drilling at Ajana and Broadview planned for Q4 2022 subject to finalisation of access agreements
- Potential to deliver substantial value for shareholders



*Discovery and growth opportunities
across multiple projects*



Forward looking statements and disclosures



The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Dave Mahon, a Competent Person who is a Member of The Australian Institute of Geoscientists. Mr Mahon is a full-time employee of St George Mining Limited to provide technical advice on mineral projects and holds performance rights in the Company.

This ASX announcement contains information extracted from the following reports which are available on the Company's website at www.stgm.com.au:

- 22 June 2021 Assays Confirm High-Grade Discovery at Mt Alexander
- 6 July 2021 New EM Conductors at Mt Alexander
- 8 July 2021 Drilling Intersects Prospective Lithology at Paterson
- 13 August 2021 Highly Successful Drilling at Paterson Project
- 16 August 2021 Drilling Underway at Mt Alexander
- 18 August 2021 Field of EM Conductors at Mt Alexander
- 13 September 2021 Drilling of New Targets at Mt Alexander
- 14 October 2021 Diamond Drilling Underway at Mt Alexander
- 1 December 2021 Seismic Results Unlock Stand-Out Targets
- 9 December 2021 Seismic Delivers Another Standout Target at Mt Alexander
- 23 February 2022 Mt Alexander - Drilling and Development Update
- 10 March 2022 Strong Metallurgical Results for Mt Alexander
- 29 March 2022 Exploration Update - Mt Alexander
- 31 March 2022 Expansion Drill Programme – Mt Alexander
- 12 April 2022 Expansion Drill Programme – Mt Alexander
- 3 May 2022 Step Up in Exploration for St George
- 25 May 2022 St George Commences Drilling at the Paterson
- 23 June 2022 Exploration Update for St George Mining
- 13 July 2022 Drilling Update for Paterson Project

The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in any original market announcements referred to in this report and that no material change in the results has occurred. 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 market announcements.

Disclaimer

Certain statements contained in this presentation, including information as to the future financial or operating performance of St George Mining Limited (ASX:SGQ) and its projects, are forward looking statements:

- may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by St George Mining, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

St George Mining disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements.

All forward looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that forward looking statements are not guarantees of future performance and investors are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.