

**A Vibrant, Growing, Well Funded
Company Committed to Success**



MATSA
R E S O U R C E S

RIU Explorers Conference

February 2017

Paul Poli
Executive Chairman

ASX: MAT

www.matsa.com.au

Important Notice

Disclaimer and Forward Looking Statements

This presentation has been prepared by Matsa Resources Limited ("Matsa" or the "Company"). It should not be considered as an offer or invitation or inducement to subscribe for or the purchase of any securities in the Company. This presentation may contain certain "forward-looking statements" which may not have been based solely on historical facts, but rather may be based on Matsa's current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. Actual results and developments may differ materially from those expressed or implied.

The material in this presentation is intended to be a summary of current and proposed activities, selected geological data, as well as Mineral Resource estimates and Ore Reserves. This data is based on information available to at the time.

It does not include all available information and should not be used in isolation as a basis to invest in the Company. This overview of Matsa does not purport to be all-inclusive or to contain all information which its recipients may require in order to make an informed assessment of the Company's prospects. You should conduct your own investigation and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation before making any investment decision.

This presentation includes information and graphics relating to a conceptual mining study, completed Mineral Resource estimate and a scoping study and includes "forward looking statements" which include, without limitation, estimates of gold production based on mineral resources that are currently being evaluated.

While the Company has a reasonable basis on which to express these estimates, any forward looking statement is subject to risks, uncertainties, assumptions and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements.

Risks include, without limitation, gold metal prices, foreign exchange rate movements, project funding capacity and estimates of future capital and operating costs.

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Competent Persons Statements

Exploration Results

The information in this report that relates to Exploration results, is based on information compiled by David Fielding, who is a Fellow of the Australasian Institute of Mining and Metallurgy. David Fielding is a full time employee of Matsa Resources Limited. David Fielding has sufficient experience which is relevant to the style of mineralisation and the type of ore deposit under consideration and the activity which he is undertaking 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'. David Fielding consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Mineral Resources

The information in this report that relates to Mineral Resources has been compiled by Matthew Cobb, who is a full-time employee of CSA Global Pty Ltd, and Richard Breyley who is a full time employee of Matsa Resource Ltd. Dr Cobb is a Member of both the Australian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy. Mr Breyley is a member of the Australian Institute of Mining and Metallurgy. Both Dr Cobb and Mr Breyley have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities which they are undertaking to qualify as a Competent Persons as defined in the JORC Code (2012). Dr Cobb and Mr Breyley consent to the disclosure of this information in this report in the form and context in which it appears.

Ore Reserves

The information in this report that relates to Ore Reserves has been compiled by Jon Pluckhahn who is a full time employee of Matsa Resource Ltd. Mr Pluckhahn is a Member of the Australian Institute of Mining and Metallurgy. Mr Pluckhahn has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities which they are undertaking to qualify as a Competent Persons as defined in the JORC Code (2012). Mr Pluckhahn consents to the disclosure of this information in this report in the form and context in which it appears.

Corporate Overview

Corporate Structure

Stock Code	ASX: MAT
Shares on Issue	144.7 M
Unlisted Options	17.02 M @ \$0.25 - \$0.30
Market Capitalisation	A\$33.28 M @ \$0.23
Cash and Liquids	~A\$9M

Directors

Paul Poli	Executive Chairman, Managing Director
Frank Sibbel	Non-Executive Director
Andrew Chapman	Non-Executive Director & Company Secretary

Significant Shareholders (as at 17 Feb 2017)	Shareholding %
JP Morgan Ltd	11.6
HF Resources Pty Ltd	8.1
Paul Poli	7.3
RASL	4.8
Top 20 Shareholders	~54

MAT: Twelve month share price/volume



Source: ASX

Pathway to success

Well Funded

~\$9M cash and liquid assets, **NO** debt

6.6M shares *Panoramic Resources* (PAN)

48M shares *Bulletin Resources* (BNR)

13M shares *Pantoro Limited* (PNR)

0.75M shares *Metals X Ltd* (MLX)

0.24M shares *West Gold Ltd* (WGX)
(as at 31 Dec 2016)

Tight Shareholder Base

Substantial and supportive

Top 20 shareholders >53%

Experienced Management

Dave Fielding Manager Exploration

Jon Pluckhahn Manager Mining

Richard Breyley Manager Resources

Mark Csar Manager Thailand



Diverse Project Portfolio

Western Australian Projects

Lake Carey *Gold*

Development

Mt Weld *Gold*

Drilling

Killaloe *Gold (80%)*

Evaluation

Symons Hill *Nickel*

CSIRO

Mt Day *Nickel*

Evaluation



Thailand Projects

Paisali *Copper*

Diamond Drilling

Siam *Copper*

Exploring

KT *Gold*

Applications

Quality Pipeline of Projects

Lake Carey - Fortitude Gold Mine

Mining study of Fortitude gold deposit (354,600oz, JORC 2012) near - term gold production. Exploration upside adjacent to Fortitude, identified gold targets e.g. close to world class gold deposits

Symons Hill – Exploration

Exploration potential still strong, with CSIRO and substantial value retained with potential buyer interest for the project

Killaloe Gold

20km SE extension of Polar Bear Gold corridor (S2R)

Paisali Base Metals

*Drilling 1.8km x 1km copper anomaly, **Chang 1** intersects altered diorite with disseminated chalcopyrite*

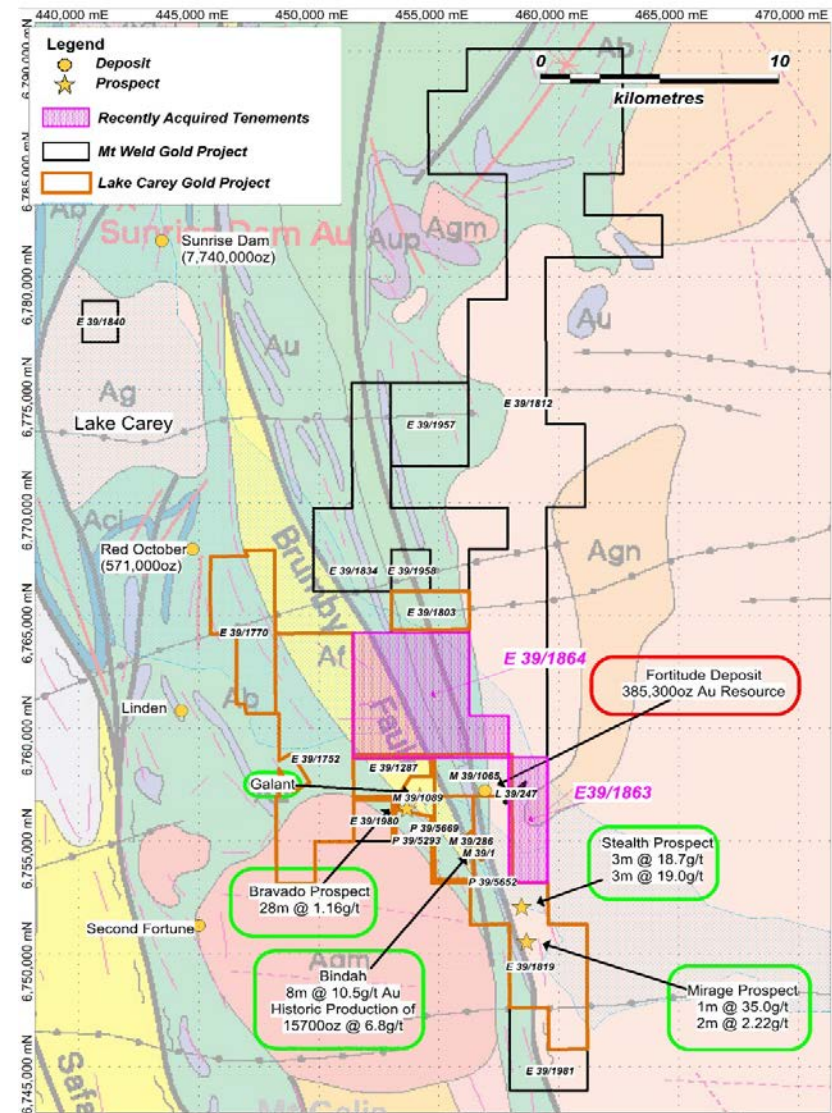
Siam Copper

*Drilling IP anomalies in extensive copper geochemistry, outcrop and float samples with **54.7% Cu** and **148g/t Ag***



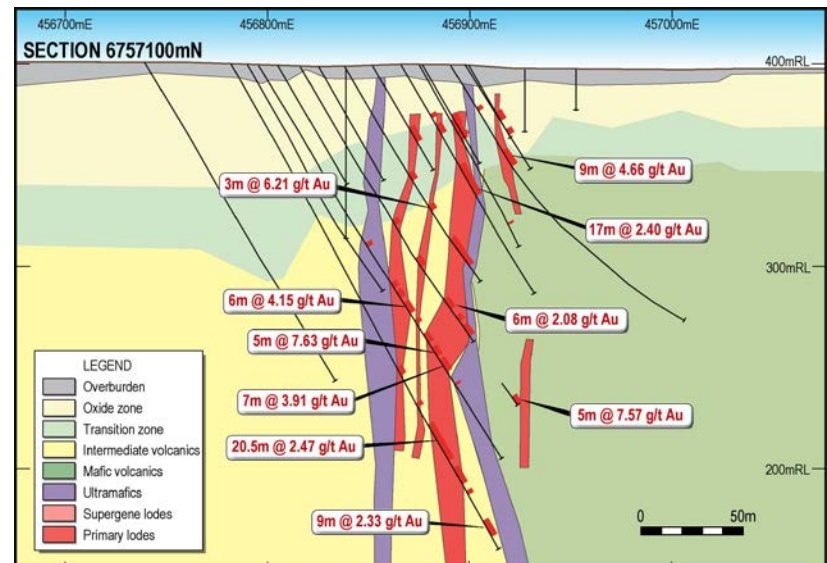
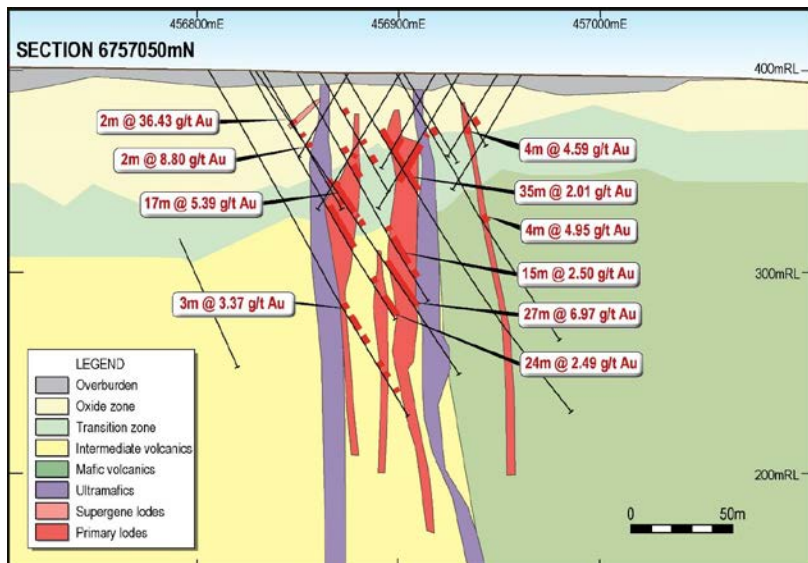
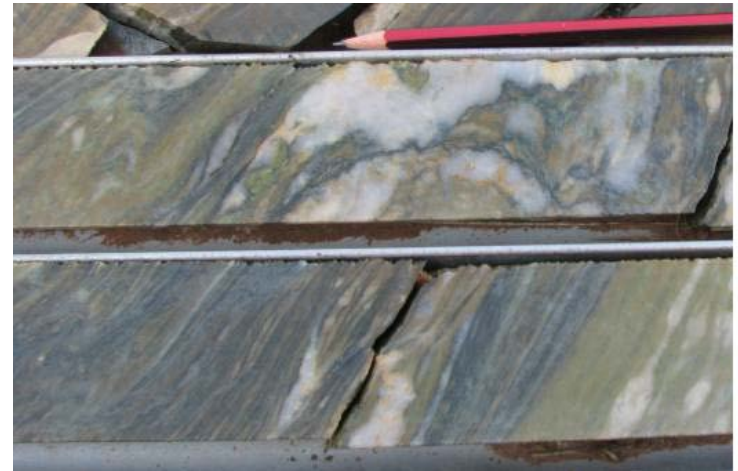
Lake Carey Gold Project

- ❑ Large tenement package 384km², purchased at a compelling price.
- ❑ Located in the prolific Laverton Tectonic Zone 70km south of Laverton
- ❑ Fast track to trial mining Q2 2017
- ❑ Recent diamond drilling results
 - 2m @ 17.57g/t Au from 33m including 1m @ 30.2g/t Au
 - 6.7m @ 6.66g/t Au from 24m including 0.7m @ 25.7g/t Au
 - 4.7m @ 6.68g/t Au from 48.3m



Lake Carey- Geology

- ❑ 25km south of AngloGold Ashanti Sunrise Dam (7.7Moz)
- ❑ 60km south of Gold Fields Ltd's Granny Smith (11.6Moz)
- ❑ 12km southeast of Saracen's Red October (0.57Moz)
- ❑ Gold mineralisation is associated with the NS Fortitude Shear Zone in near vertical, sheeted quartz veins
- ❑ Gold associated with 2 alteration assemblages
 - biotite-feldspar-quartz-sulphide alteration or
 - sericite-quartz sulphide alteration assemblages
- ❑ Secondary mineralisation is characterised by flat lying supergene lodes



Lake Carey- Pathway to Production

- ❑ Granted mining licences with highly prospective exploration tenements
- ❑ Trial Mining study favorably completed
- ❑ Excellent existing haul roads with nearby toll milling opportunities currently in discussions
- ❑ Studies and development capital to be funded from existing cash and liquid reserves

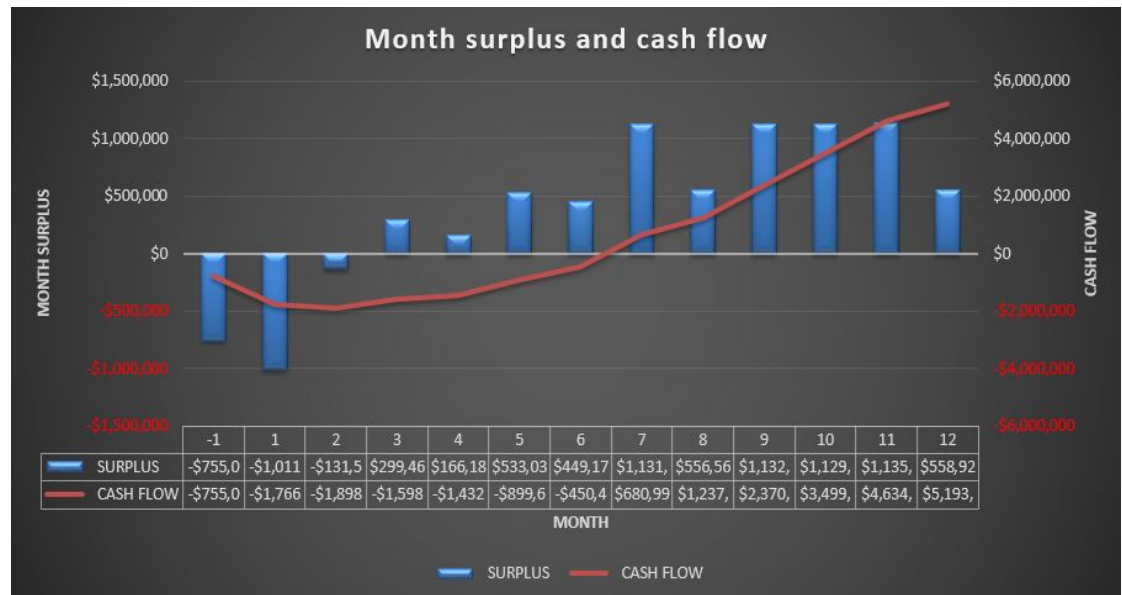
Fortitude Deposit 2017 Mineral Resource Estimate (1 g/t Au cutoff)							
Type	Indicated		Inferred		Total Resource		
	Tonnes	Au	Tonnes	Au	Tonnes	Au	Au
	kt	g/t	kt	g/t	kt	g/t	Oz
Transported	3	1.8	0	0.0	3	1.8	200
Oxide	357	2.2	53	2.1	410	2.2	28,300
Transition	378	1.8	125	2.0	503	1.8	29,800
Saprock	227	1.9	1	2.1	228	1.9	14,100
Fresh	2,119	1.8	2326	2.1	4,445	2.0	282,200
Total	3,084	1.9	2,505	2.1	5,589	2.0	354,600

Refer to ASX Announcement 22 Feb 2017 for further detail

Lake Carey- Fortitude Trial Mine

- ❑ Project was acquired to fast track into production with Matsa moving quickly since acquisition and expecting to commence Q2 2017 after only 5 months
- ❑ No royalties or other third parties claims until 250,000oz Au production

Cash surplus- \$5.2M
Trial pit- 8 months
Capital outlay- \$1.2M
Cash exposure- \$1.9M
Gold price AUD\$1600
AISC- \$1140 per oz
185,080t @ 2.16g/t
Producing- 12,100oz
Total BCM's 1M BCM
Strip ratio 10.8

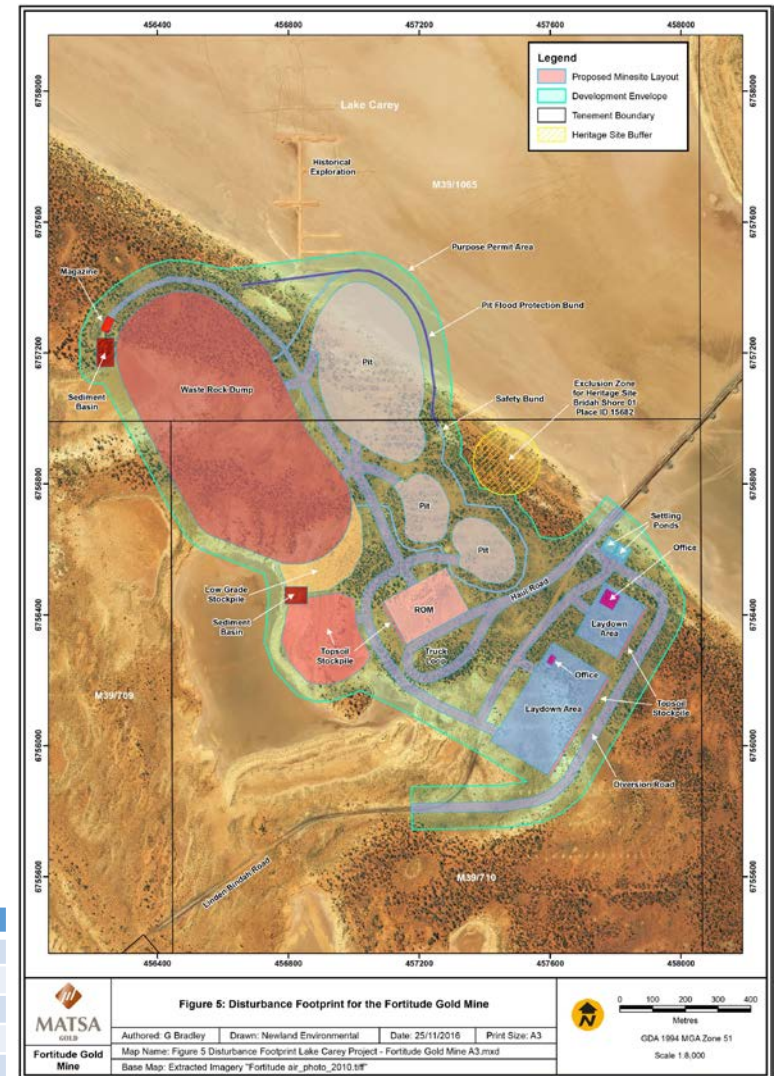


Lake Carey- Fortitude Trial Mine

- ❑ Project was acquired to fast track into production with Matsa moving quickly since acquisition
- ❑ Favourable ore treatment/ore purchase agreements are available and discussions advancing
- ❑ Approvals advanced:
 - Native vegetation clearance permit – approved*
 - 5C Water extraction permit - approved*
 - Water discharge permit - ~two weeks*
 - Mining proposal - ~4 weeks*
- ❑ Metallurgical testing to be completed 3 weeks
- ❑ Larger mining feasibility study ongoing

Fortitude Deposit 2017 Ore Reserve Trial Mining Operation 2017 (1 g/t Au cut off)

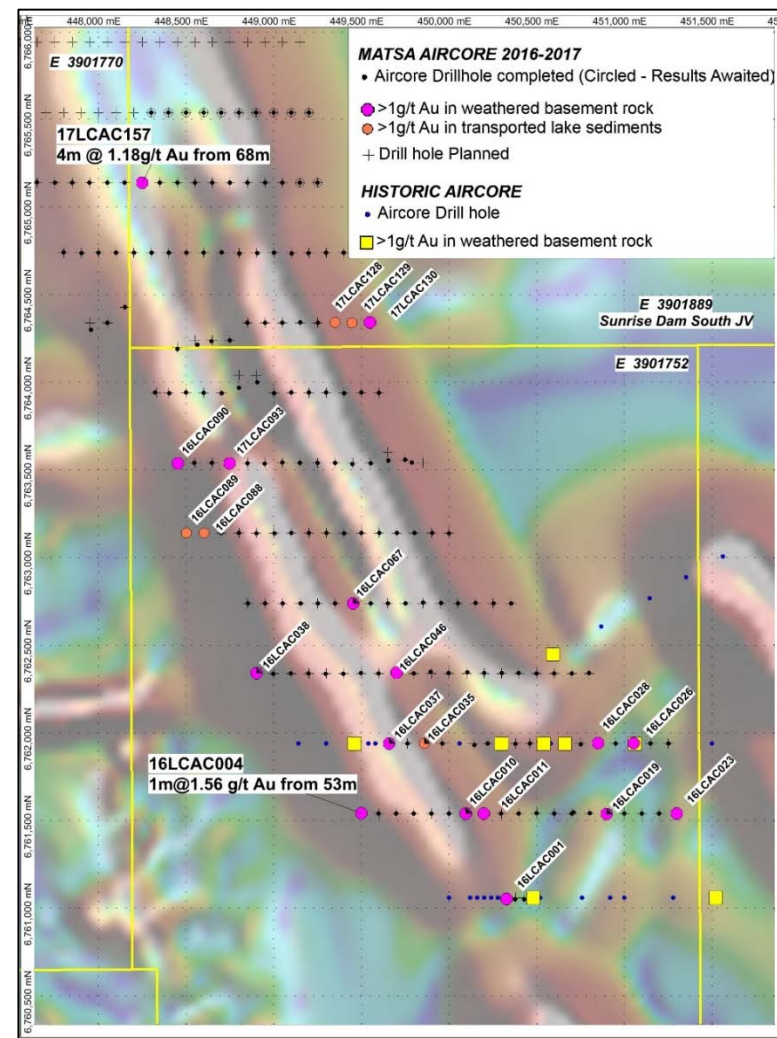
Type	Proven		Probable		Total		
	Tonnes	Au	Tonnes	Au	Tonnes	Au	Au
	t	g/t	t	g/t	t	g/t	Oz
Oxide	0	0	185,000	2.2	185,000	2.2	12,900
Total	0	0	185,000	2.2	185,000	2.2	12,900



Refer to ASX Announcement 22 Feb 2017 for further detail

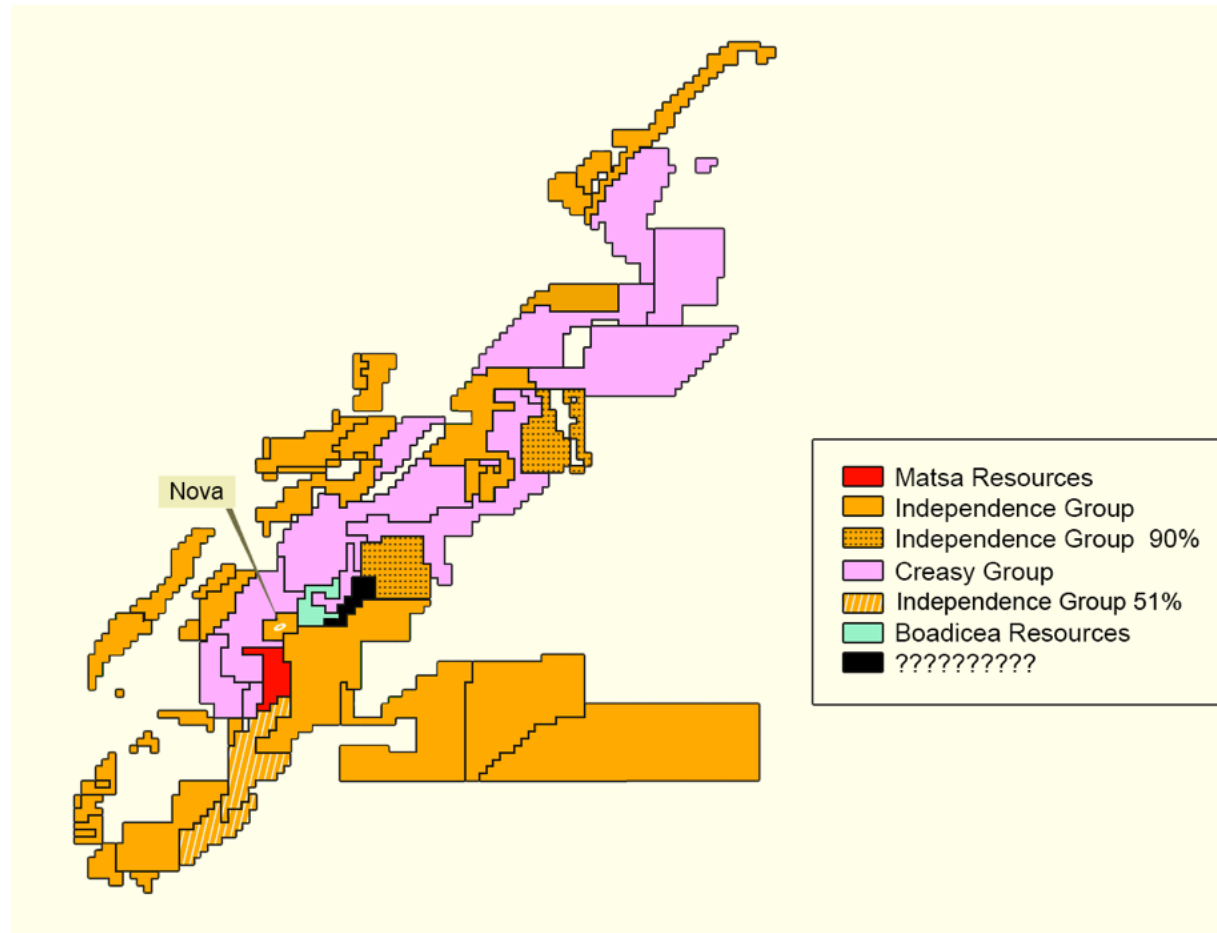
Lake Carey- Exploration Upside

- ❑ Large tenement package 384km² in extent
- ❑ Considerable scope for regional exploration success
- ❑ Drilling currently in progress
 - ❑ 177 aircore drill holes of a planned ~250 drill hole programme has been completed to date
 - ❑ A number of gold anomalous intercepts up to 1.56 g/t Au already identified
 - ❑ Interesting 4m @ 1.18g/t Au associated with similar intrusive rocks at both the nearby world class Sunrise Dam and Wallaby deposits
- ❑ Potential to significantly increase project life through new discoveries and further acquisitions



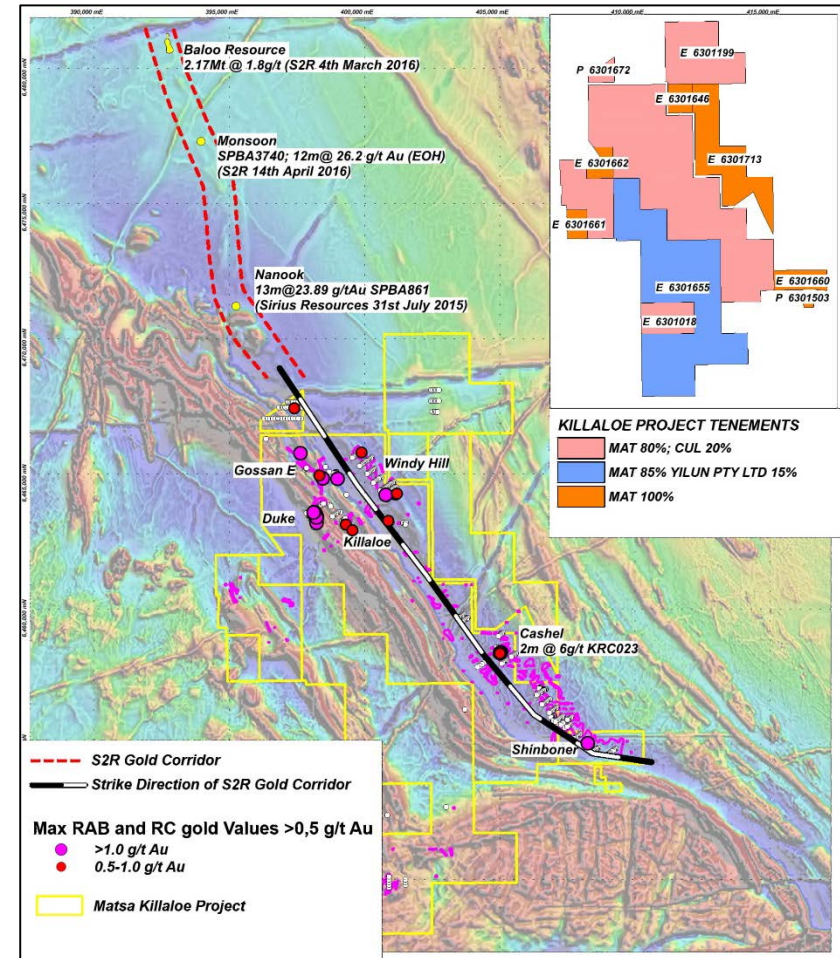
Fraser Range Symons Hill- What's In Store

- ❑ What's going on ???
- ❑ What was awash with many small explorers is now consolidated
- ❑ IGO seem to be on a buying spree acquiring anything that's for sale
- ❑ Multi-million \$\$\$ prices being paid for quality
- ❑ Closeness to Nova must be appealing
- ❑ Matsa quietly working with CSRIO on new exploration techniques



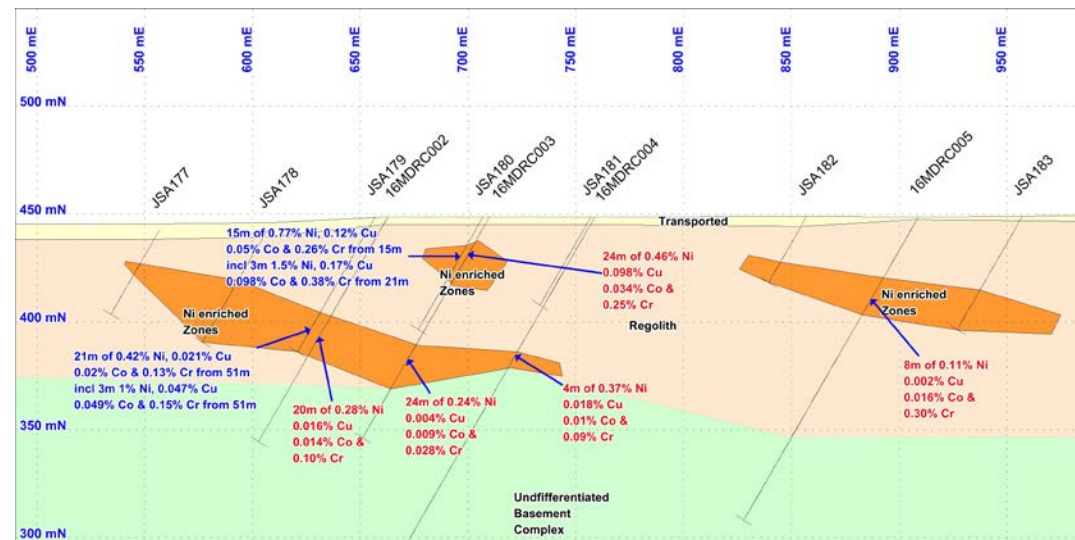
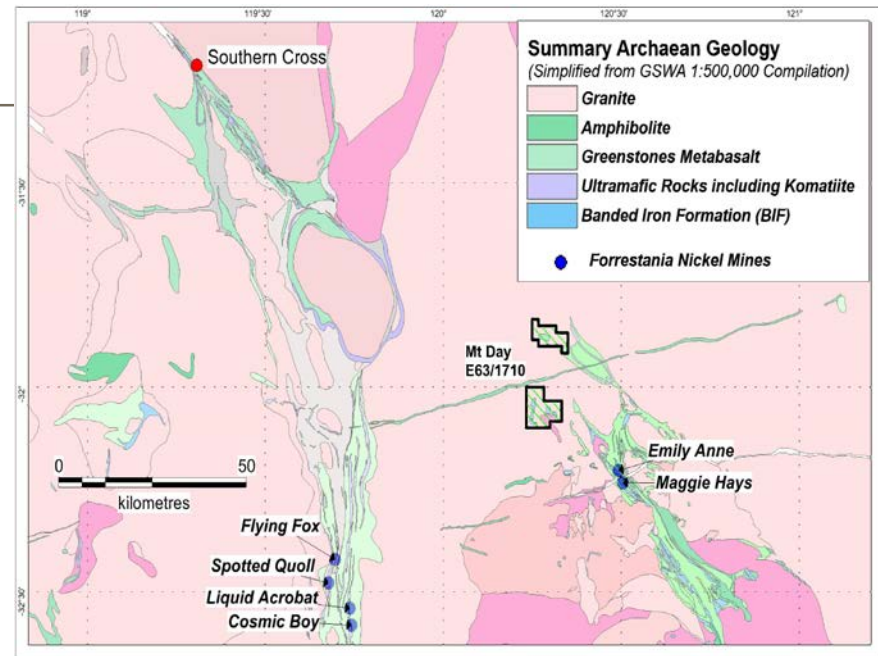
Killaloe Gold

- 203km² located 35km NE of Norseman
- S2R's Polar Bear "gold corridor" can be seen to extend into Killaloe for ~20km
- Gold anomalies in soil and shallow drilling currently being followed up



Mt Day Nickel

- 203km² in size, 25km N of Maggie Hayes near Forresteria
- Historical intercepts of Ni with strong supporting Cu in weathered ultramafics e.g **3m @ 1.51% Ni & 0.17% Cu** from 21m
- Recent RC drilling confirms Ni enriched laterite with weathered sulphide fragments overlying fresh komatiite
- RC intercepts include **16m @ 0.85% Ni, 0.05% Cu and 0.09% Co** from 32m



Thailand Projects



Not without its problems, but not impossible either

Paisali Project

- ❑ Paisali tenements extension to the Siam Copper project
- ❑ Located in province with strong local support for mining

Siam Copper Project

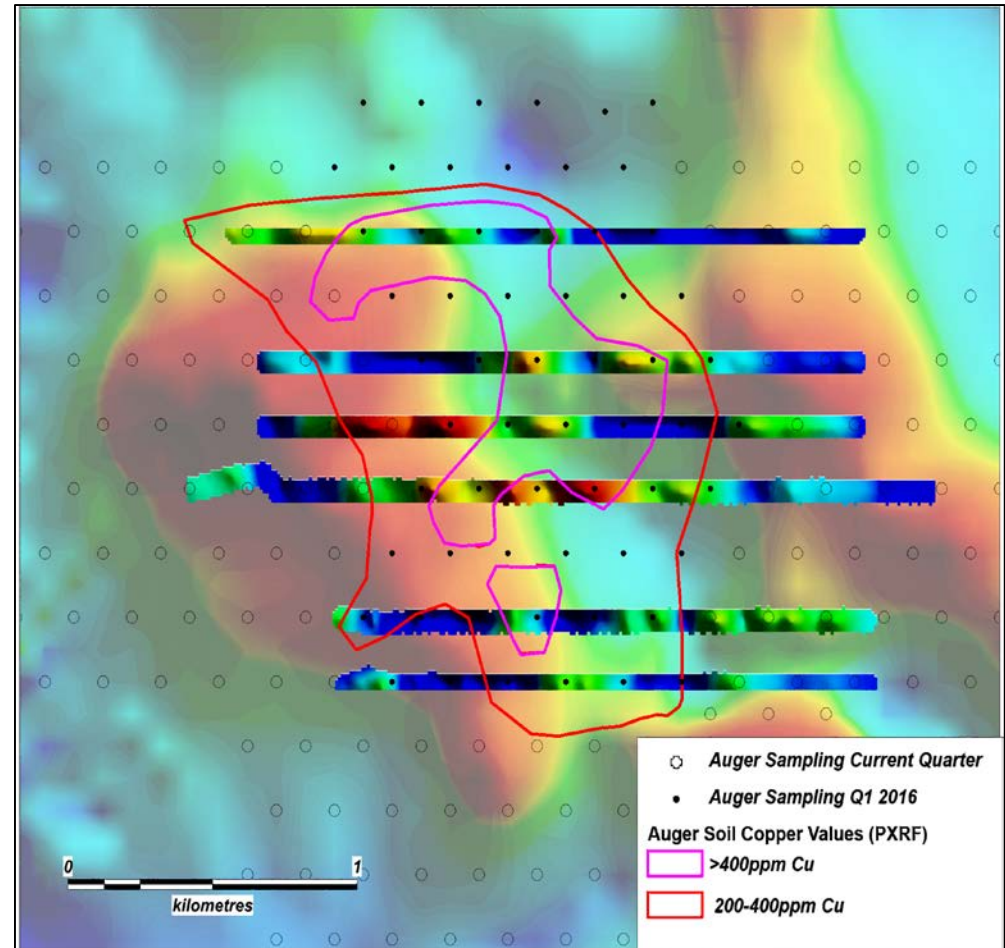
- ❑ Copper targets up to 25km², visible copper mineralisation

KT Gold Project

- ❑ 20kms east of world class Chatree gold Mine (KCL)
- ❑ Affected by current policy on gold exploration

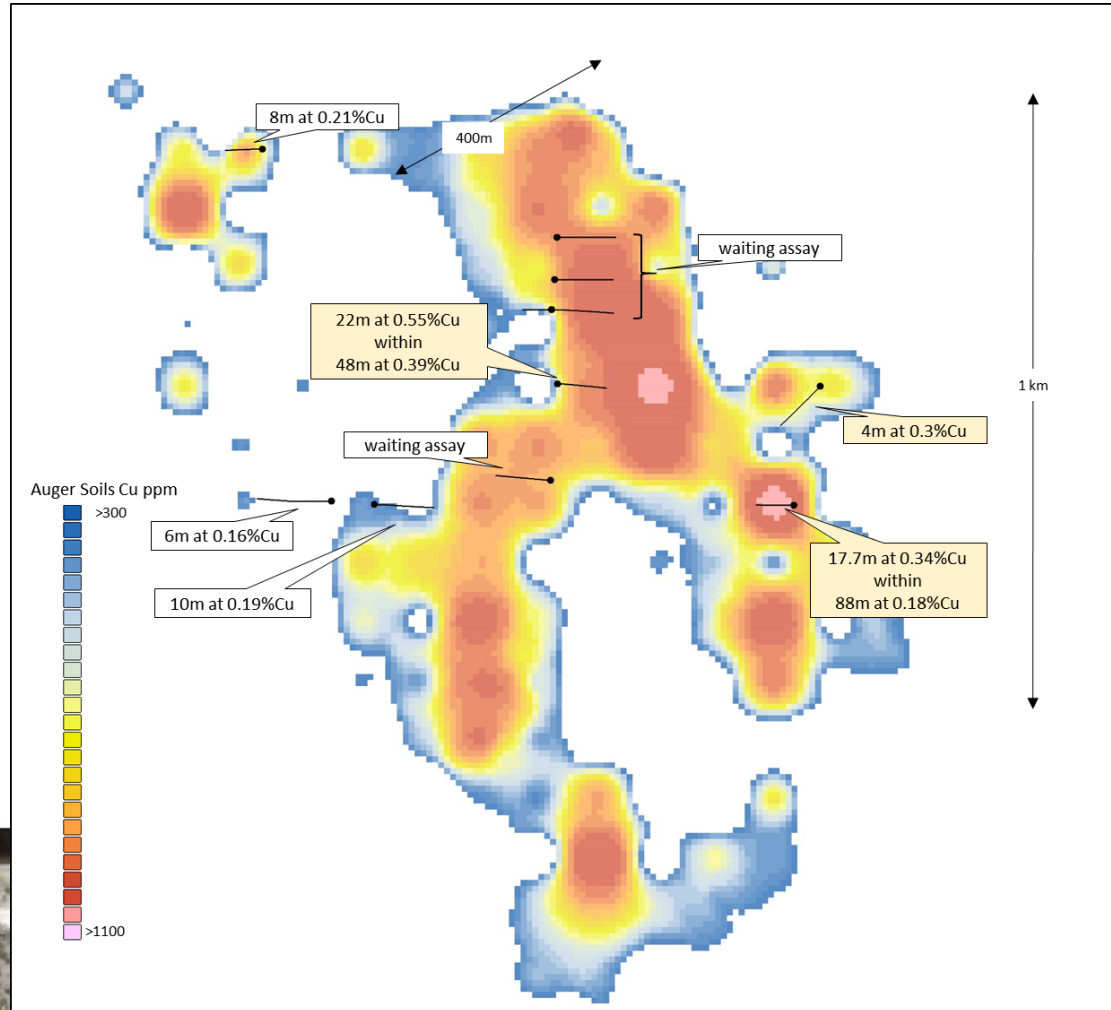
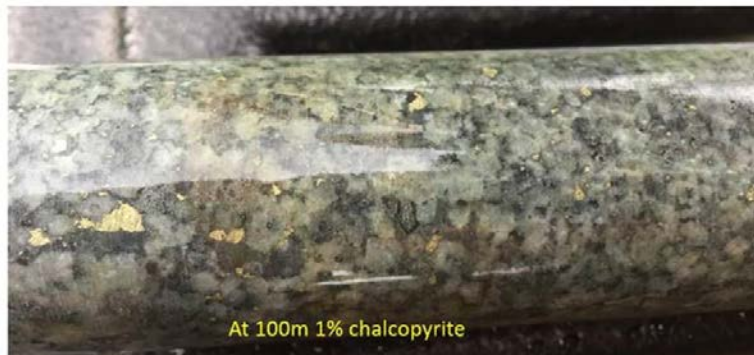
Paisali Base Metals - Chang 1 Copper Discovery

- Highly anomalous soil copper soil anomaly over an area of ~1.8km x 1km
- Soil copper values up to 0.11% Cu
- Geochemical zoning - central zone of anomalous Cu, Ag surrounded by anomalous Pb, Zn etc.
- Scattered diorite rubble and complex magnetic anomaly suggests intrusion (porphyry and/or hydrothermal) related copper sulphide mineralisation



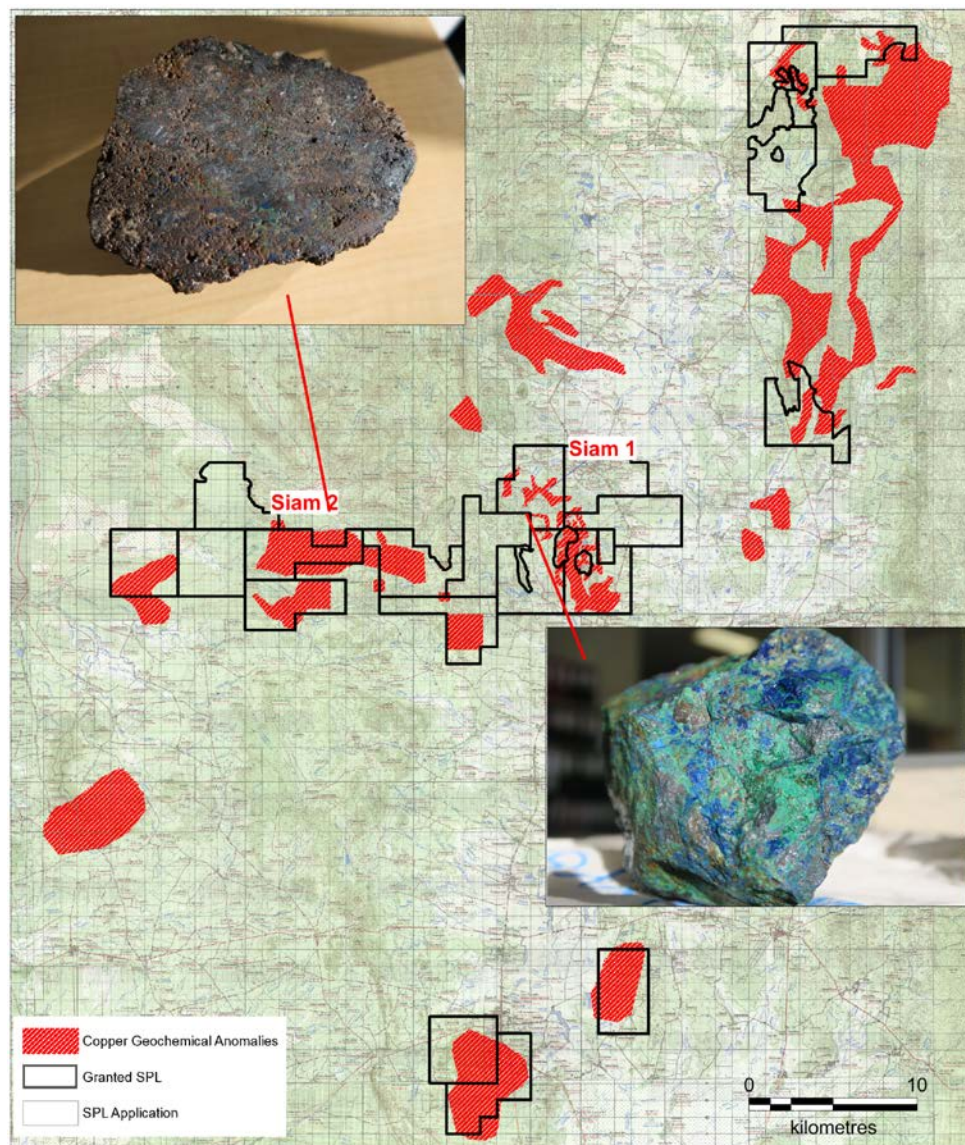
Chang 1 Diamond Drilling

- Results from 6 of 11 holes returned
- Re-assays show **22m at 0.55% Cu** within **48m at 0.39% Cu**
- 17.7m at 0.34% Cu** within 88m at 0.18% Cu
- Drilling intersects altered diorite intrusion with chalcopyrite +/- covellite plus pyrite and magnetite over significant widths
- Infill soil sampling highlights next area for drilling



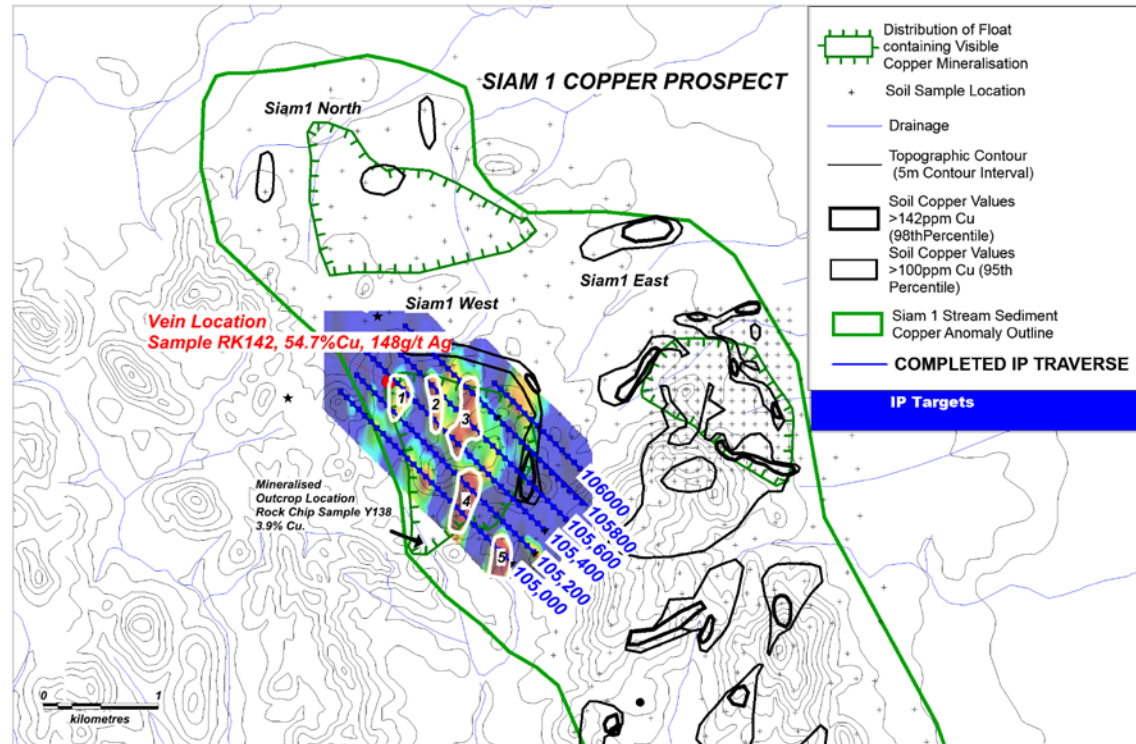
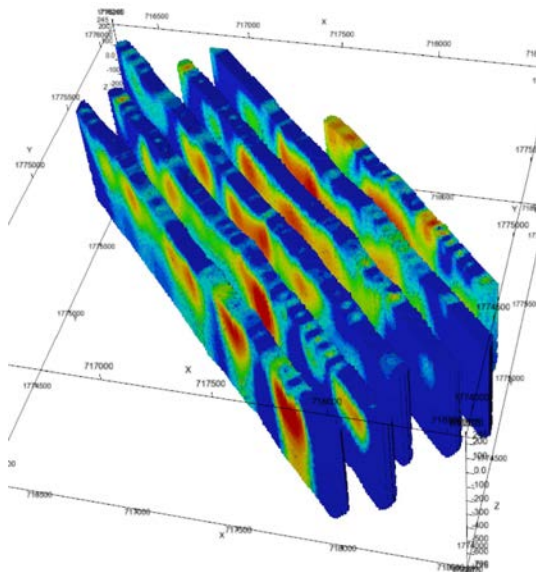
Siam Copper Project

- 20 granted SPL's and 28 SPL Applications covering 653km²
- Central Thailand, good infrastructure and close to town sites with power, water, housing and large workforce
- Copper targets up to >25km², visible copper mineralised float, under-explored, multiple Cu & Ag targets



Siam 1 IP Survey

- ❑ Five high priority (IP) anomalies
- ❑ IP anomalies associated with copper mineralised float at Siam 1 W
- ❑ High grade chalcocite vein (**54.6% Cu and 148g/t Ag**) over Anomaly 1
- ❑ Strong support for hypothesis of “leakage” over concealed copper sulphide mineralisation
- ❑ Drilling to continue when possible



FY2017 Value Drivers

- ✓ A clear and committed growth plan
- ✓ Production Q2 2017 fully funded
- ✓ Experienced and committed board and management
- ✓ Strong balance sheet – cash, liquid assets and no debt
- ✓ All the necessary technical and commercial skills in-house
- ✓ Supportive and tight shareholder base
- ✓ Portfolio of projects across gold, copper and nickel
- ✓ Fully funded exploration and development program
- ✓ Committed to creating shareholder value through targeted exploration success and near term news flow



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