



# COPPER IN THE TETHYAN BELT

Investor Presentation

JULY 2018

[raidenresources.com.au](http://raidenresources.com.au)

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Certain statements contained in this presentation, and in certain documents incorporated by reference in this presentation, constitute "forward-looking statements". All statements other than statements of historical fact contained in this presentation, including, without limitation, those regarding Raiden Resources Ltd's (the "Corporation") future financial position and results of operations, strategy, plans, objectives, goals and targets, future developments in the markets where the Corporation participates or is seeking to participate, and any statements preceded by, followed by or that include the words "believe", "expect", "aim", "intend", "plan", "continue", "will", "may", "would", "anticipate", "estimate", "forecast", "predict", "project", "seek", "should" or similar expressions or the negative thereof, are forward-looking statements. These statements are not historical facts but instead represent only the Corporation's expectations, estimates and projections regarding future events. These statements are not guarantees of future performance and involve assumptions, risks and uncertainties that are difficult to predict. Therefore, actual results may differ materially from what is expressed, implied or forecasted in such forward-looking statements. Additional factors that could cause actual results, performance or achievements to differ materially include, but are not limited to, those discussed under "Risk Factors" in the short form prospectus to which this presentation relates. Management provides forward looking statements because it believes they provide useful information to readers when considering their investment objectives and cautions readers that the information may not be appropriate for other purposes. Consequently, all of the forward-looking statements made in this presentation are qualified by these cautionary statements and other cautionary statements or factors contained herein, and there can be no assurance that the actual results or developments will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, the Corporation. These forward-looking statements are made as of the date of this presentation and the Corporation assumes no obligation to update or revise them to reflect subsequent information, events or circumstances or otherwise, except as required by law. The forward-looking statements in this presentation are based on numerous assumptions regarding the Corporation's present and future business strategies and the environment in which the Corporation will operate in the future, including assumptions regarding expected yields, future prices and business and operating strategies. Some of the risks which could affect future results and could cause results to differ materially from those expressed in the forward looking statements contained herein, including risks associated with the Corporation, such as lack of revenue, risks associated with the Corporation's business, such as the failure to obtain or maintain necessary licenses, and risks associated with the common shares of the Corporation, such as stock market volatility.

The information in this presentation relating to the exploration results for the Company's projects are extracted from the Company's announcement entitled "Update on Stara Planina Project" dated 5 June 2018. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement.

# Key Investment Highlights



Established in  
World-Class  
Jurisdiction

**Significant land position** in the mineral endowed Tethyan belt with projects in the world class Timok district

Joint Venture with **Rio Tinto** on 2 of the 6 projects



Portfolio Offers  
Outstanding Opportunity  
for a Tier 1 Discovery

**Large drill targets** in a region known to host world class discoveries

Drilling on schedule to **commence Q3 at Stara Planina**



Well Capitalised for  
2018 Exploration  
Budget

**\$3.99 million cash<sup>1</sup>** to fund aggressive exploration campaign

**De-risk cashflow through Joint Ventures** with majors on early stage projects



Serbia  
Experienced  
Management Team

**Serbian based management team** and international industry professionals with a track record of success

**Experience** in all stages of exploration through development

1. as at 31 March 2018

# Corporate Overview

## Corporate Snapshot

TICKER

**ASX:RDN**

SHARES ON ISSUE

**410.4 million**

62.5 million Performance A Shares  
62.5 million Performance B Shares  
75.0 million Performance C Shares  
50 million Options exercisable at \$0.02

MARKET CAP

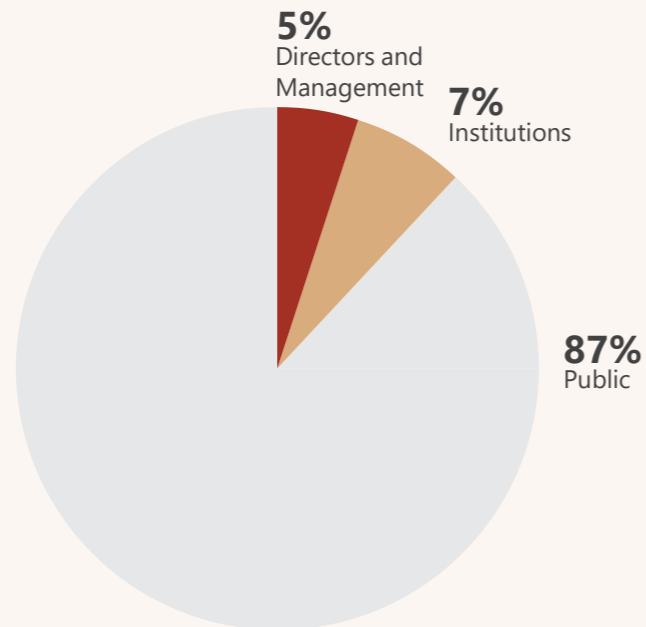
**\$7.4 million**

(undiluted at A\$0.018)

CASH BALANCE

**\$3.99 million<sup>1</sup>**

## Shareholder Breakdown



Performance A Shares convert upon announcement of Mineral Resource of at least 100Kt of Cu Eqv at or above 0.2% Cu Eq. Performance B Shares convert upon completion of Scoping Study and decision to undertake a Pre-Feasibility Study Performance C Shares convert upon announcement of a Positive Pre-Feasibility Study

1. As at 31 March 2018

## Directors and Management

**MICHAEL DAVY**  
NON-EXECUTIVE CHAIRMAN  
(Corporate)

Australian executive with extensive experience in oil and gas and resources. Mr Davy is a director and owner of a number of successful private companies. During the past five years Mr Davy has held directorships in numerous ASX listed companies.

**DUSKO LJUBOJEVIC**  
MANAGING DIRECTOR  
(Geologist)

13 years' mining experience globally with a significant period of time spent in Eastern Europe. Dusko acted as an advisor and Head of Small Scale Mining within Barrick Gold Corporations' Asset Development Group.

**MARTIN PAWLITSCHKEK**  
NON-EXECUTIVE DIRECTOR  
(Geologist)

Over 20 years mining and exploration experience, including management positions with a number of junior explorers, private equity investment funds, majors (BHP) and development companies (MDL, Taranga).

**NICHOLAS YOUNG**  
NON-EXECUTIVE DIRECTOR  
(Corporate)

Australian advisor specialising in the ASX markets. Mr Young has extensive capital markets experience and is currently a non-executive director of Vysarn Limited.

**KYLA GARLIC**  
COMPANY SECRETARY  
(Chartered Accountant)

Chartered Accountant and Company Secretary working in the ASX markets. Kyla is a Director of Onyx Corporate.

# Asset Portfolio

## Stara Planina

*(JV with local entity – path to 100% - 63km<sup>2</sup>)*

- Shear-related Au and intrusion related Cu-Au mineralisation plus high grade Au-Cu targets

## Donje Nevlje Project

*(100% Raiden – 74km<sup>2</sup>) – Rio JV*

- Historical exploration defined porphyry style targets

## Majdanpek

*(100% - 76km<sup>2</sup>) – Rio JV*

- Strategic tenure adjacent to major mining operations (Majdanpek mine)

## Pirot Project

*(Executing Application - 21km<sup>2</sup>)*

- Targets include porphyry, skarns, massive sulphide

## Bor

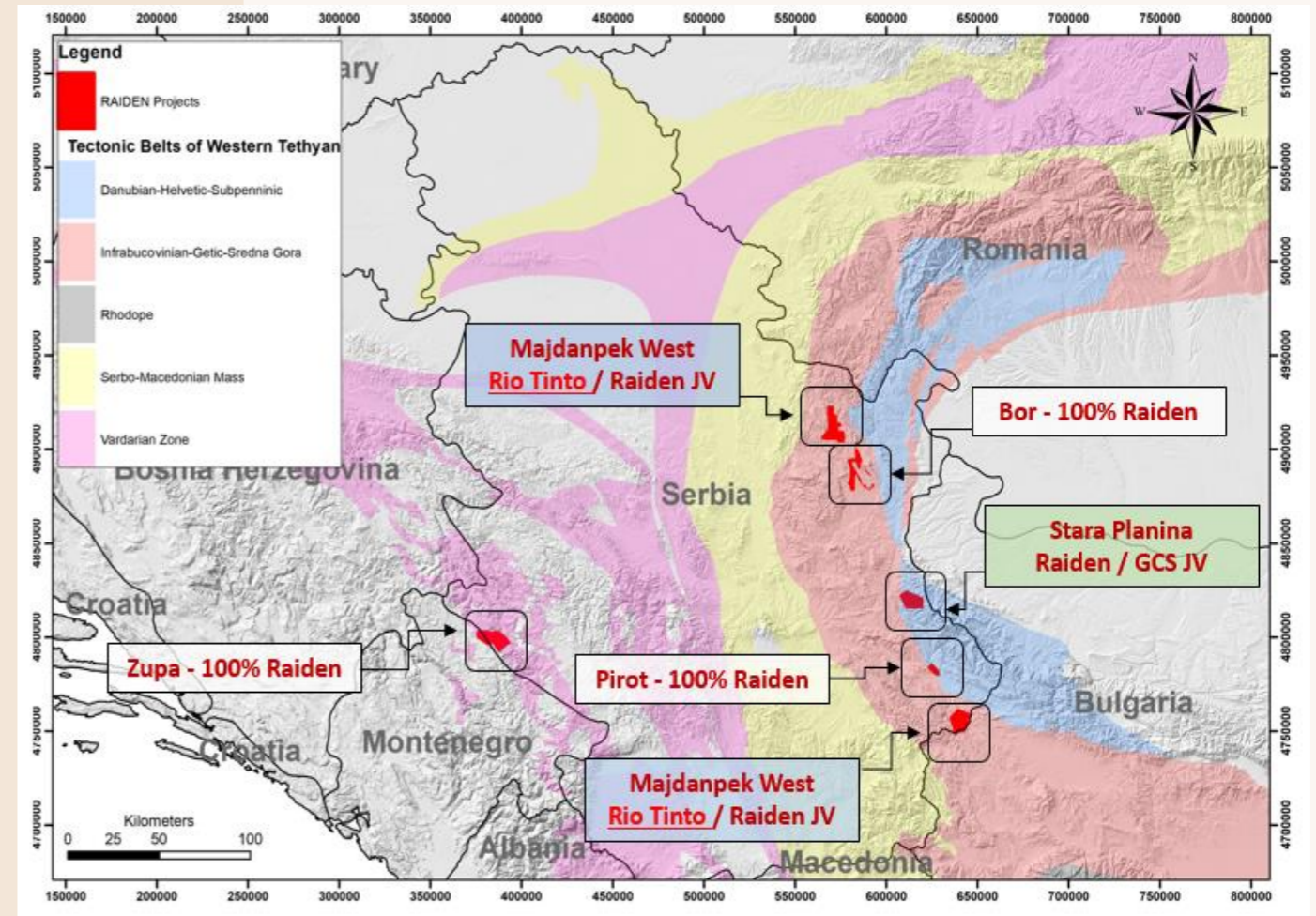
*(100% - ~35km<sup>2</sup>) – partially granted/pending application*

- Strategic tenure adjacent to major mining operations (Bor and Majdanpek mines)

## Zupa project

*(100% Raiden – PENDING TRANSFER– 85km<sup>2</sup>)*

- Intrusive and related mineralisation

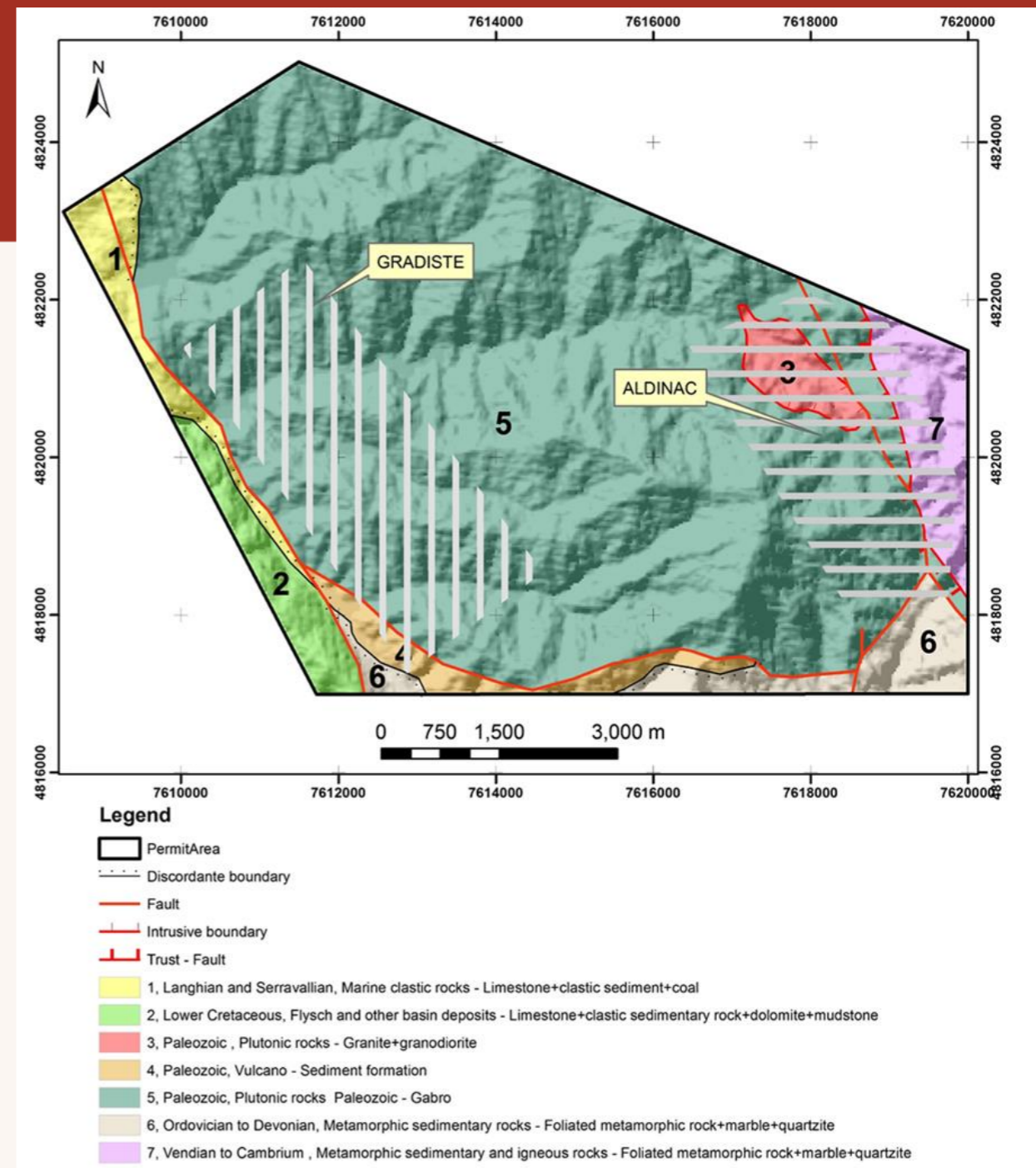


# Stara Planina

## HISTORICAL DATA

## HIGH GRADE COPPER AND GOLD MINERALISATION IDENTIFIED

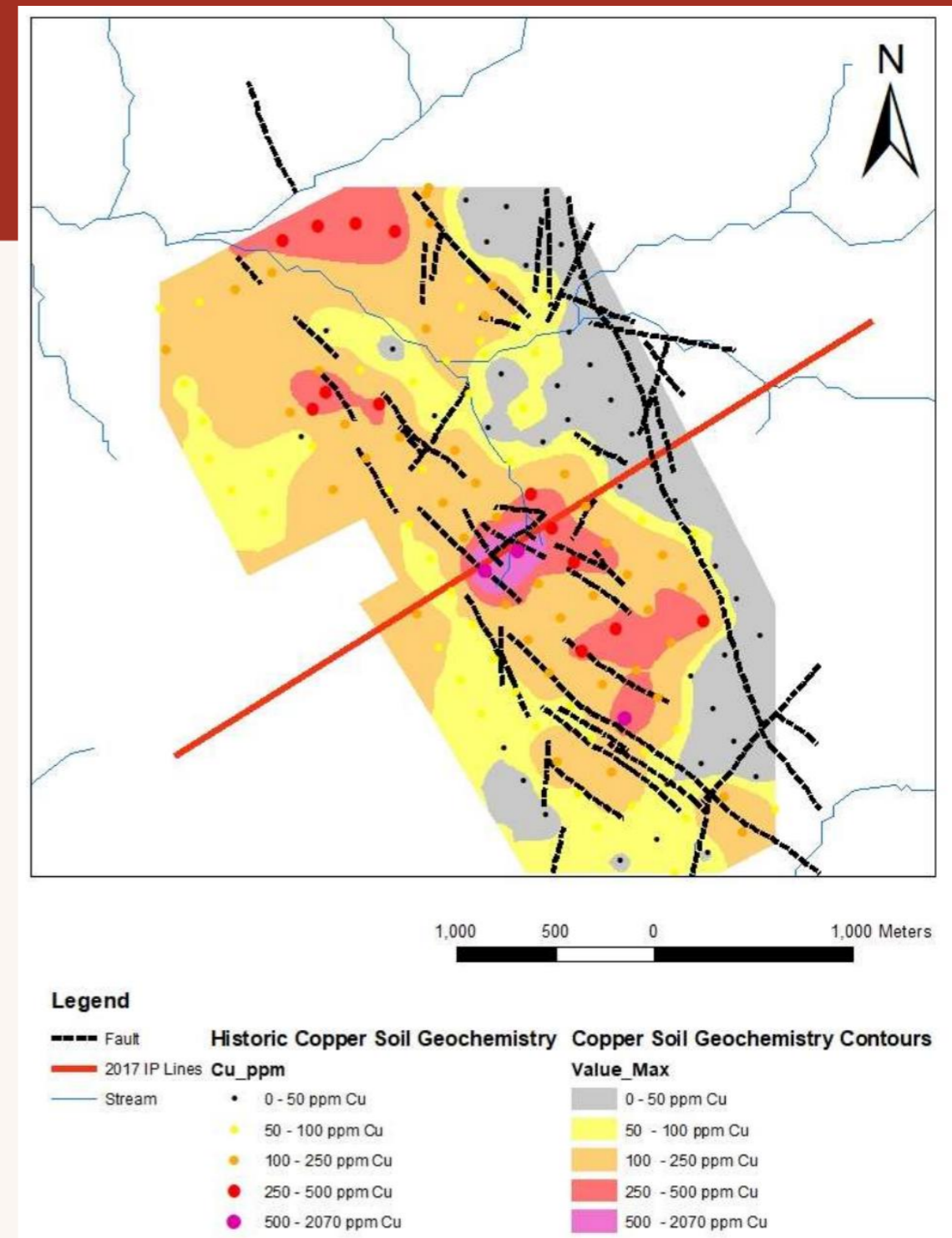
- Joint Venture with private Serbian company, option to buy 100% for €300k at any time
- Gradiste and Aldinac drill targets defined by geochemistry, geophysics and surface sampling
- Historic data highlights two large, continuous multi-element soil anomalies with an approx. strike length of 3km
- Aggressive exploration program commenced over Stara Planina license
- High grade copper and gold mineralisation identified from historic data
- Historic underground high grade mine peripheral to main anomaly



# Stara Planina

## ALDINAC TARGET

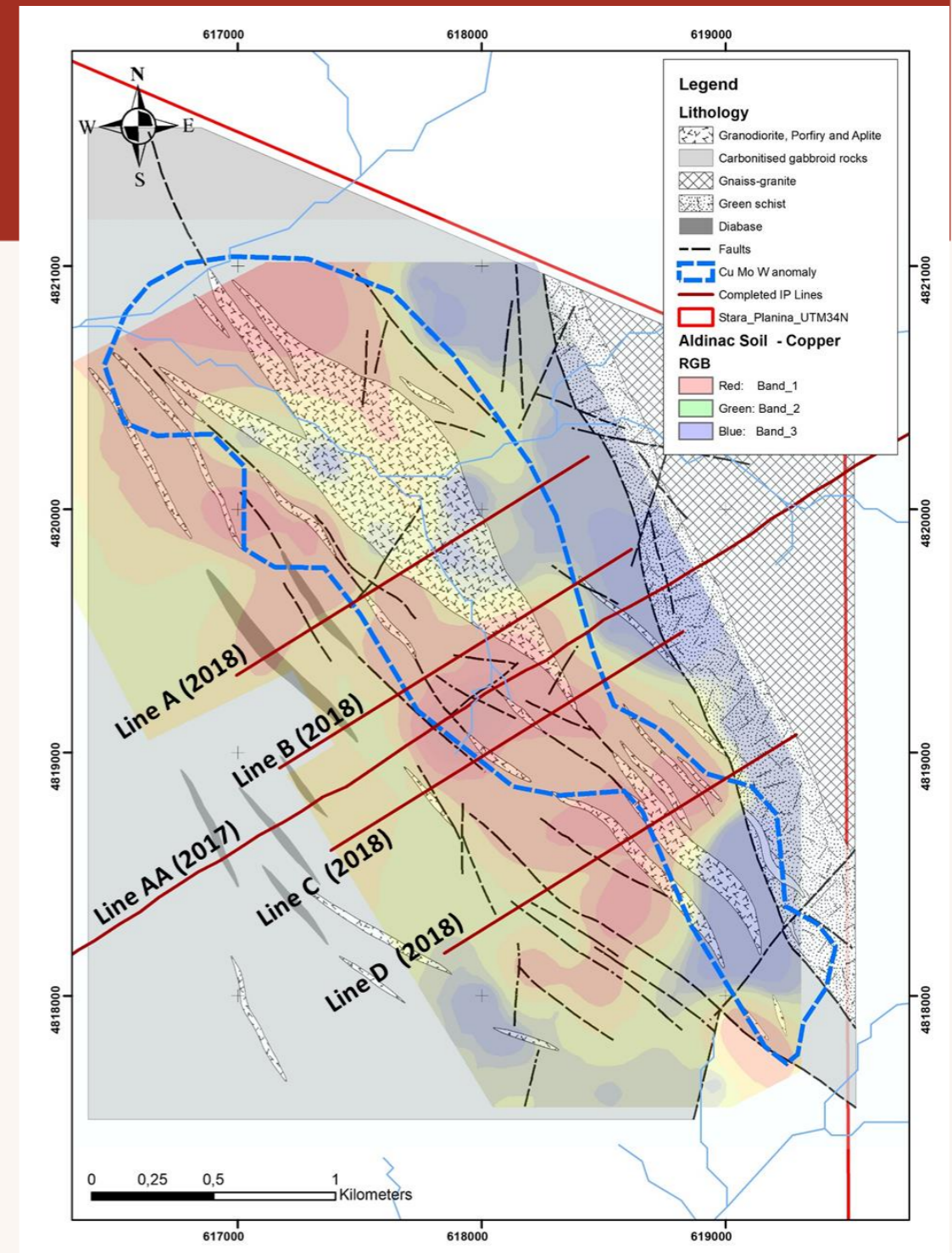
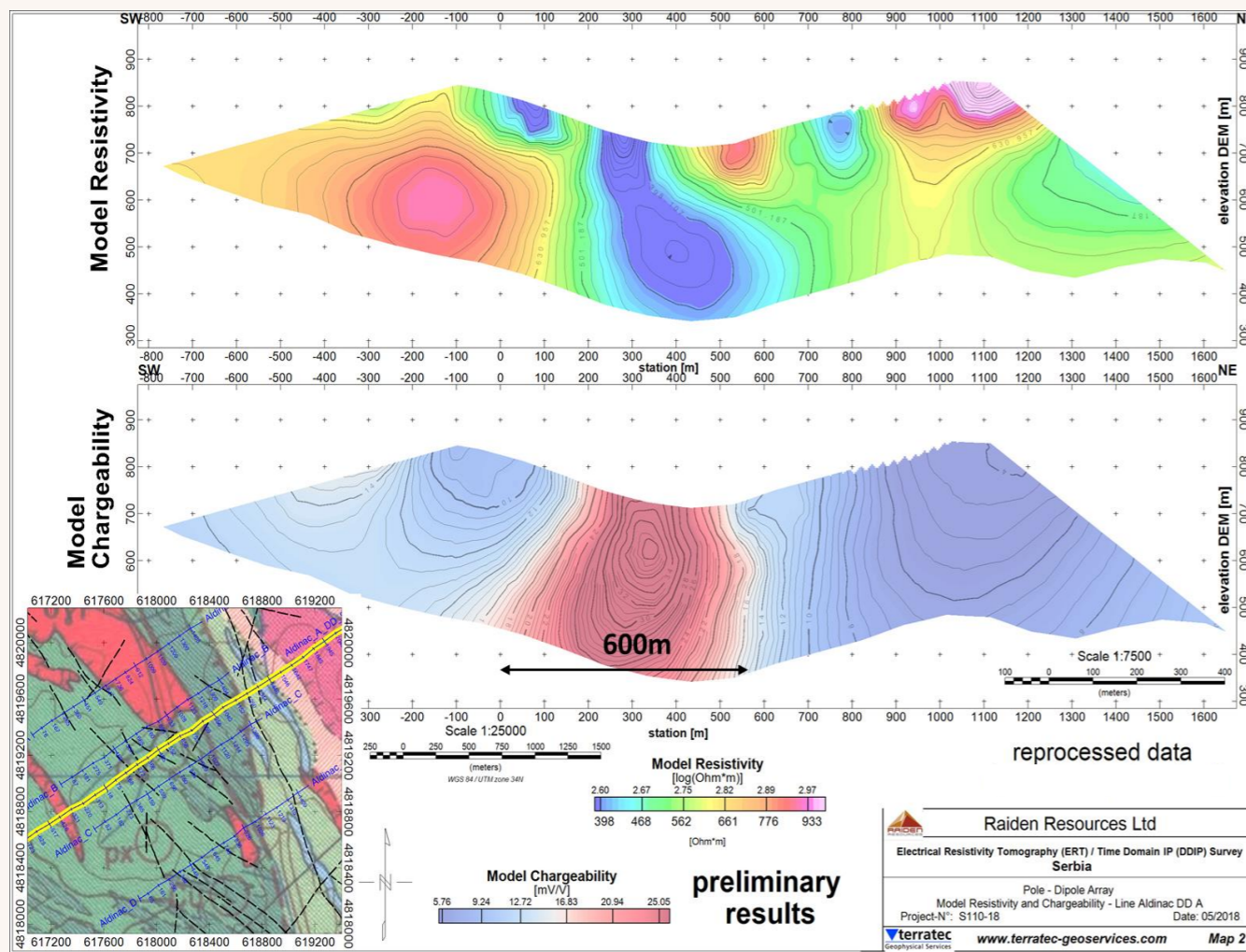
- Aldinac target is defined by copper, molybdenum and gold in soil anomaly which extends over 2.5km x 0.75km area
- Results of historical soil survey confirmed a persistent Cu (100-2,070 ppm) and Mo (15-240 ppm) anomalism along a NNW structural trend and within this zone gold is anomalous (100-1,330 ppb)
- Previous explorer Reservoir Capital reported rock sampling results including 8 samples between 2-12.5 g/t Au, indicating high grade mineralisation is present within the system
- Completed IP geophysical program in 2017-18, interpreted as silicified massive & disseminated sulphide zone
- Drilling on schedule to commence in Q3



# Stara Planina

## ALDINAC TARGET

Defined chargeability anomaly (600m wide with a 300m vertical extent), as well as a coincidental resistivity anomaly

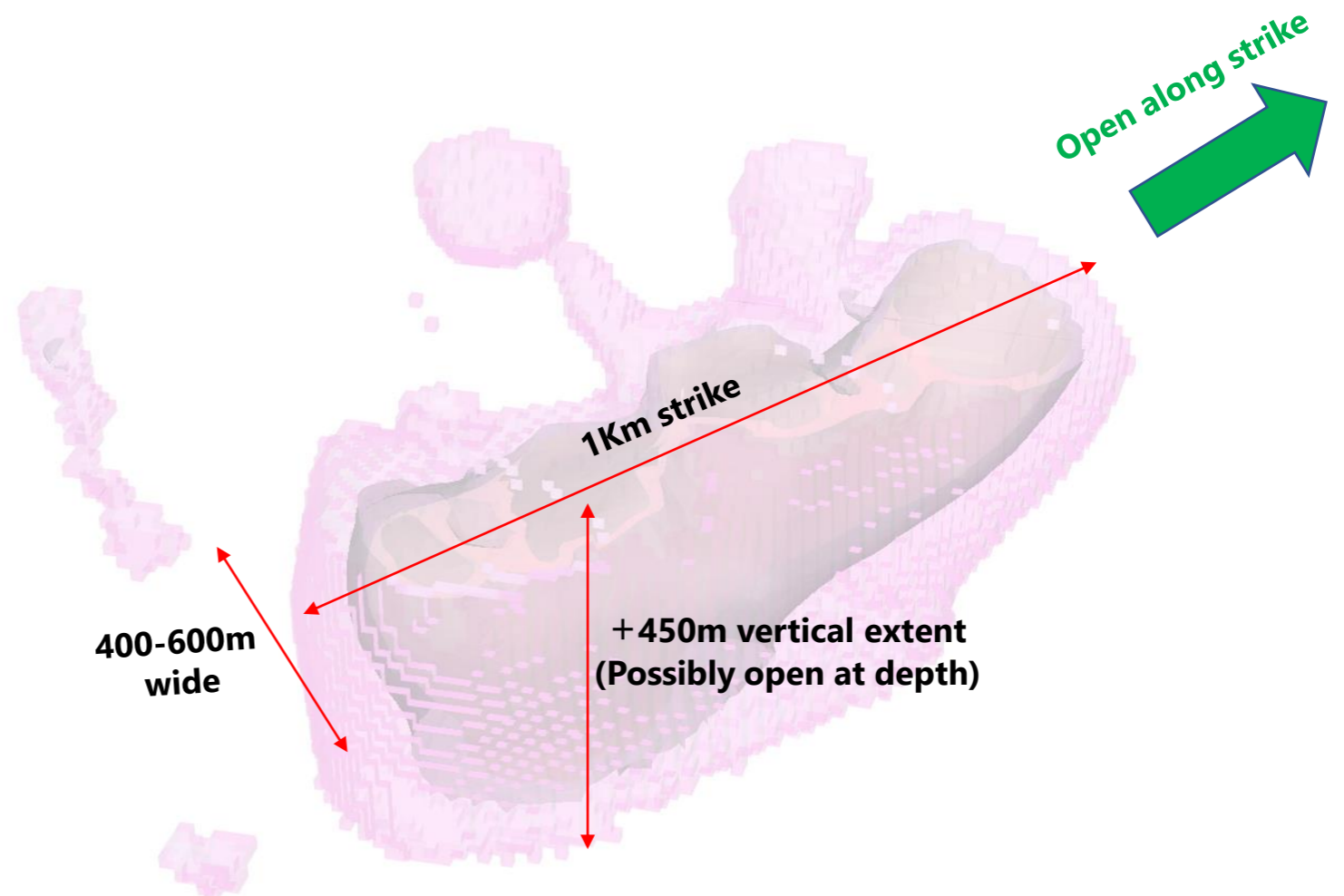




## ALDINAC TARGET

### Aldinac IP Target Zone

- Very intense chargeability values
- Large and consistent anomaly
- Interpreted as silicified massive & disseminated sulphide zone
- **Drilling commencing soon**

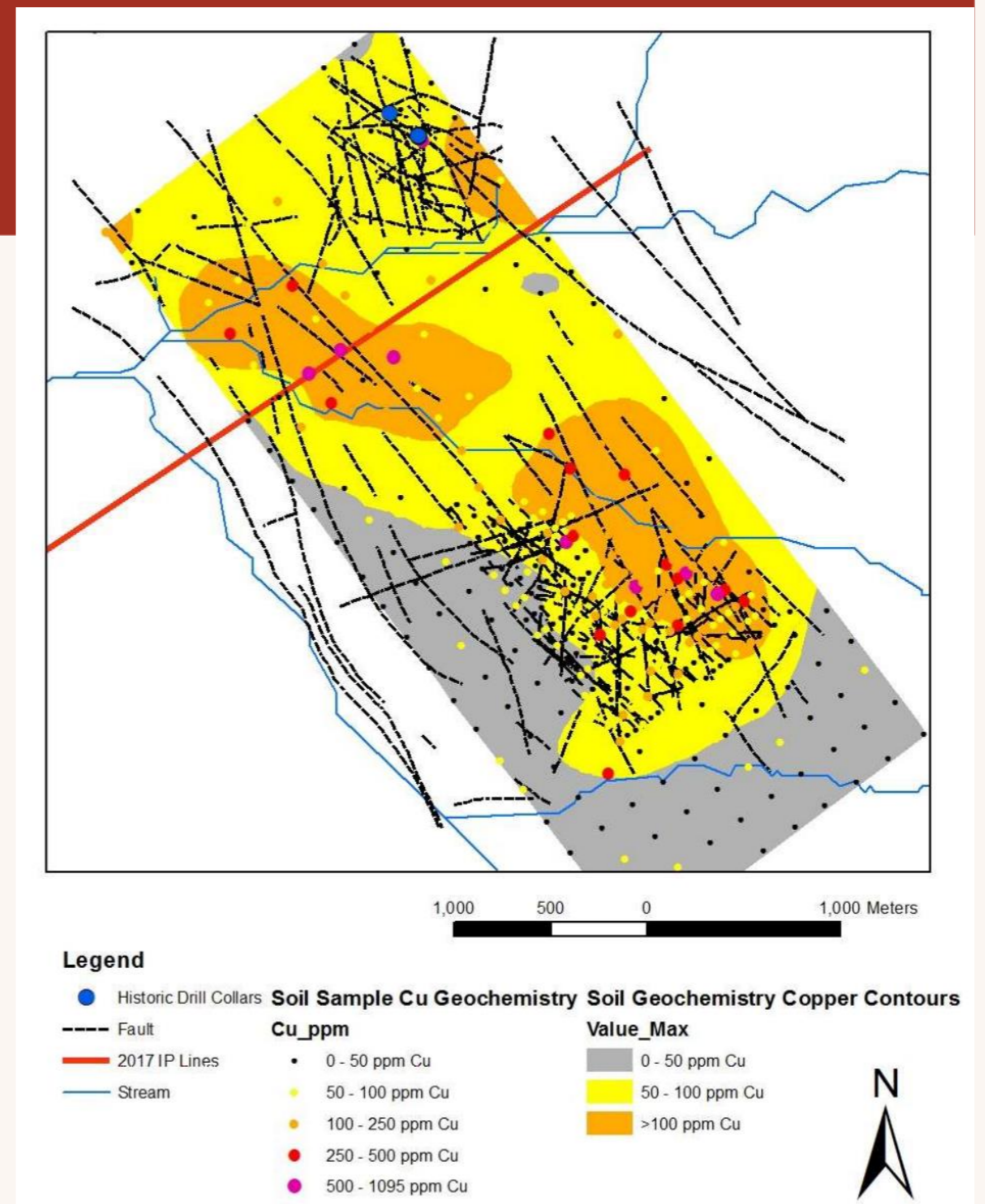


Aldinac IP Chargeability 3D model  
+ 15 mV/V Voxel grid (pink grid)  
+ 19mV/V shell (dark red)

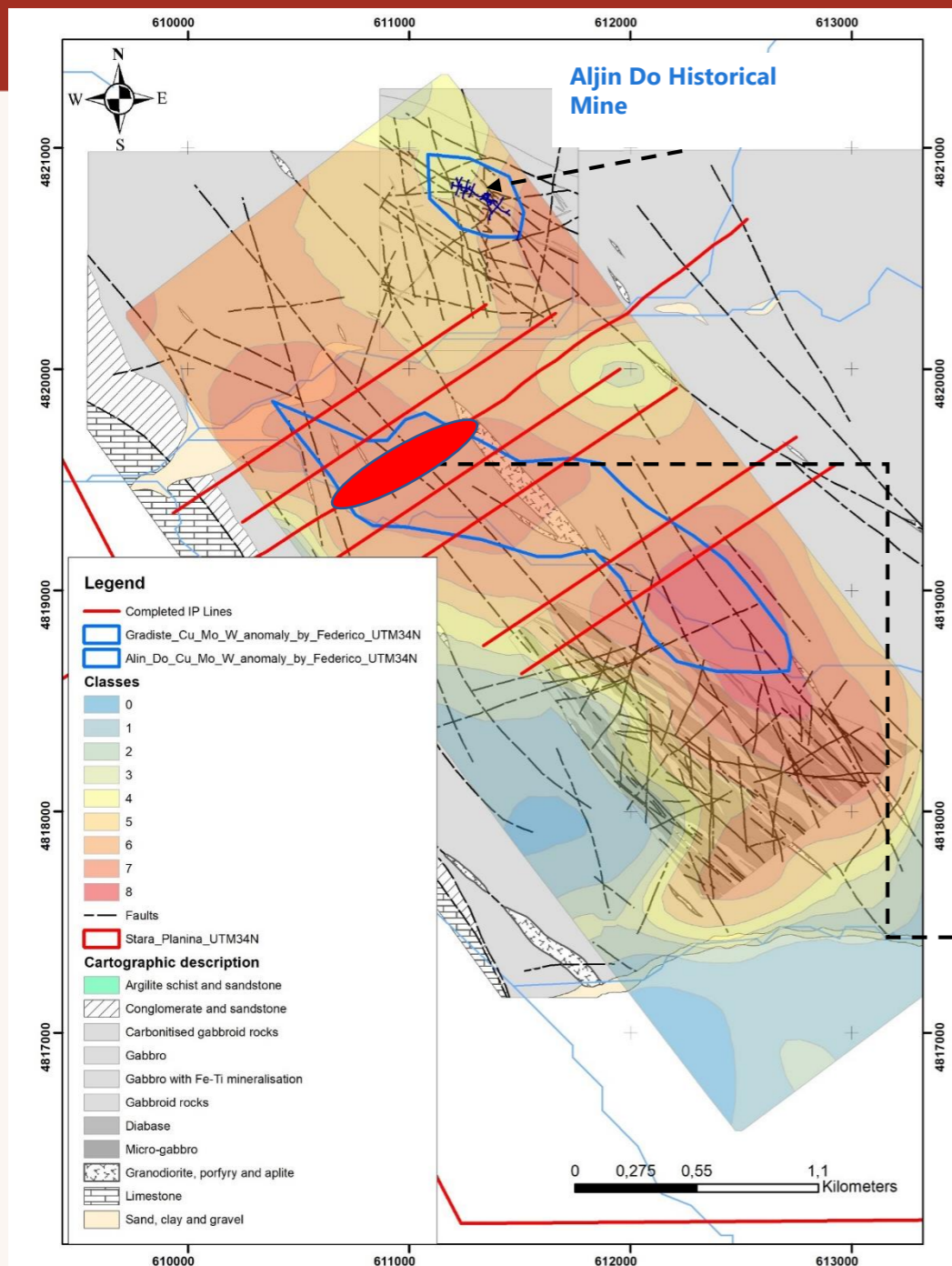
# Stara Planina

## GRADISTE TARGET

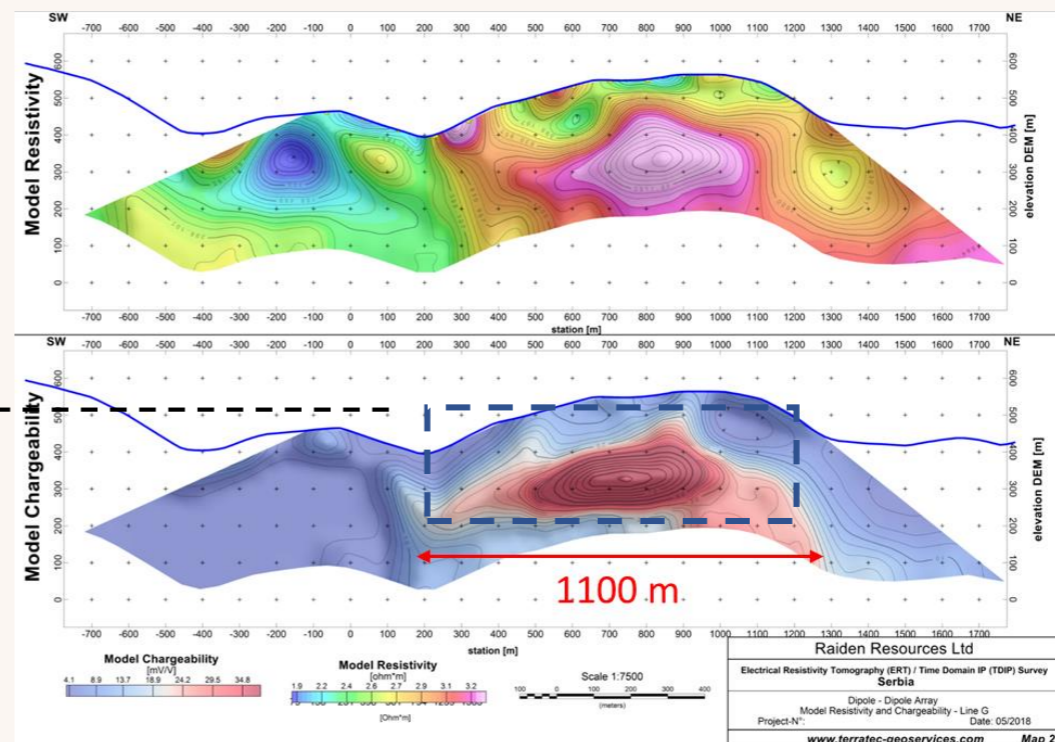
- Gradiste target is a 3Km x 1Km copper-molybdenum-gold soil anomaly, with values exceeding 1000ppm Cu; 5ppm Mo; and isolated samples with elevated gold up to 8ppm Au
- Highlighted historical sampling results:
  - Trench 8m (2m @ 10.55g/t Au and 6m @ 7.37 g/t Au)
  - Trench 4.5m @ 6.4 g/t Au and 0.16% Cu, inc. 0.5 m@101.5g/t Au
  - Continuous rock chip samples 22m@1.90 g/t gold
    - 6 meters @ 3.76 g/t Au and 0.17% Cu
- 2018 IP survey completed – results being processed and interpreted
- Drilling to commence in Q3 2018 on untested anomaly



## GRADISTE TARGET



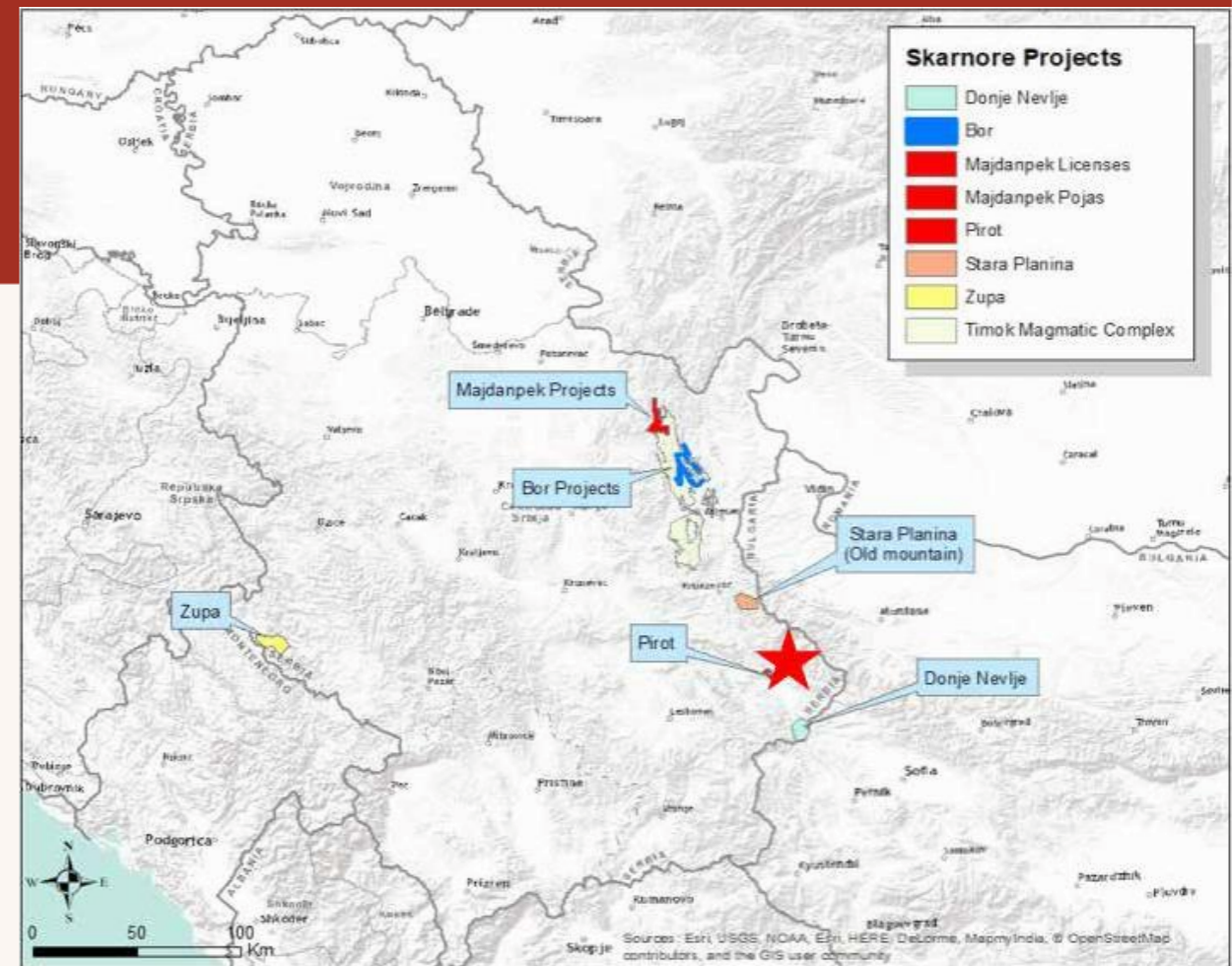
- 2017 IP Survey - Chargeability anomaly extends over 1000m across the anomaly and extends over 200m vertically
- Interpretation of single IP line indicate a strong chargeable and resistive anomaly
- Overlapping chargeability and resistivity values



# Pirot Project

## PROSPECTIVE FOR COPPER-PORPHYRY, SKARNS AND MASSIVE SULPHIDE MINERALISATION

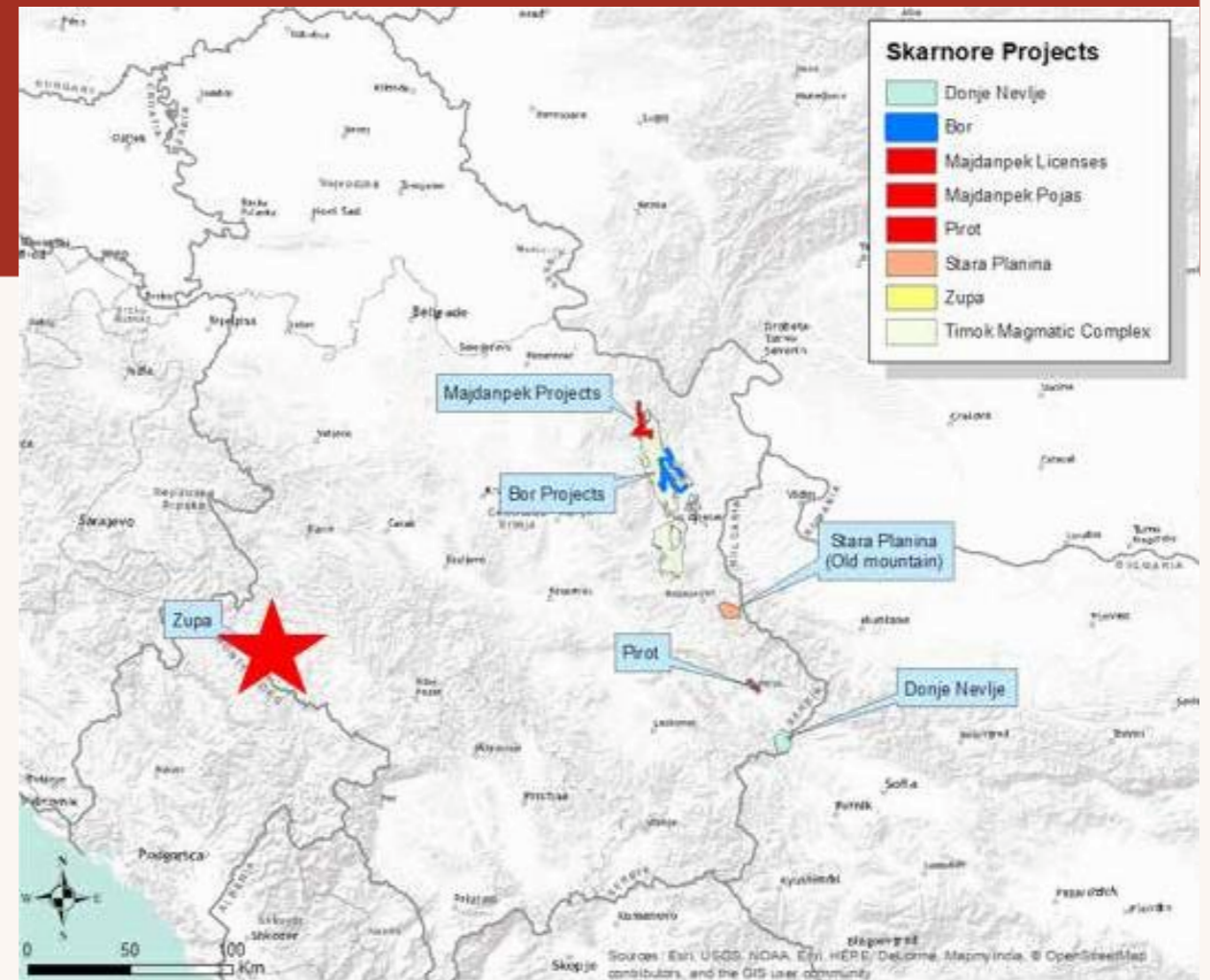
- Cretaceous volcanics and intrusives (same suite as the Timok magmatic complex ("TMC"))
- Identified as a 'porphyry Cu target' in the 60's, as a result of mapping, geochemistry and a magnetic survey
- Historic Magnetic survey suggests an intrusive magmatic complex, which is reminiscent of TMC Magnetic signature around Bor.
- Raiden conducted preliminary a reconnaissance field visit - observed altered volcano-sedimentary sequence, located on a mineralised granodiorite contact
- Prospective for copper-porphyry, skarns and massive sulphide mineralisation
- The project area has not seen systematic exploration with virtually no work carried out since the 1960's
- Magnetic highs were never drilled



# Zupa Project

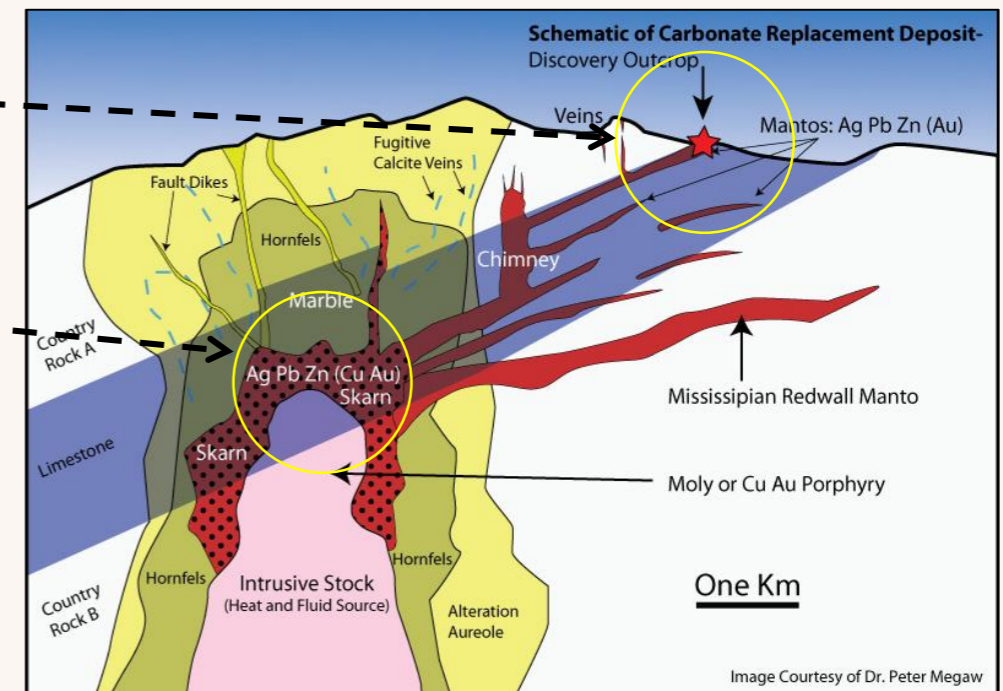
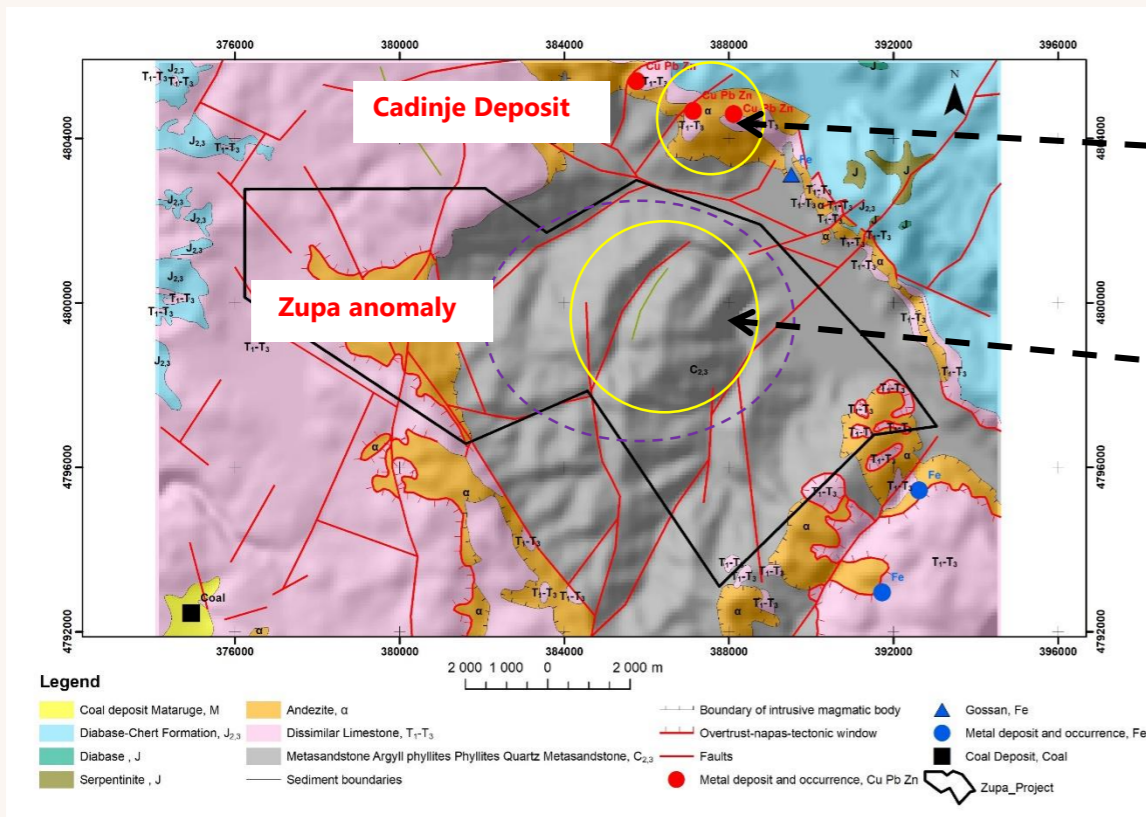
## OPPORTUNITY TO DISCOVER A LARGE INTRUSIVE SYSTEM IN DISTRICT

- Visible mineralisation in outcrop with likely epithermal manifestations
- Permit approved – transfer in progress - (100% Raiden)
- Palaeozoic sediments bordered by mineralised andesite-limestone contacts. Contacts host skarn deposits in the district
- Palaeozoic sediment hosted alteration zones coincident with a topographical high
- Mapping has also defined numerous areas of outcropping alteration & structural complexity indicative of a blind intrusive
- Raiden considers a blind intrusive to be the likely source of the mineralised fluids which are manifested as skarn and replacement mineralisation at surface
- Opportunity to discover a large intrusive system in district where porphyry and related targets remain unexplored



# Zupa Project

- Significant polymetallic skarn mineralization and anomalies in the district – no defined source of fluids so far
- Observations of mineralisation on Zupa permit leads to theory of a centrally located / blind source – remains untested to date

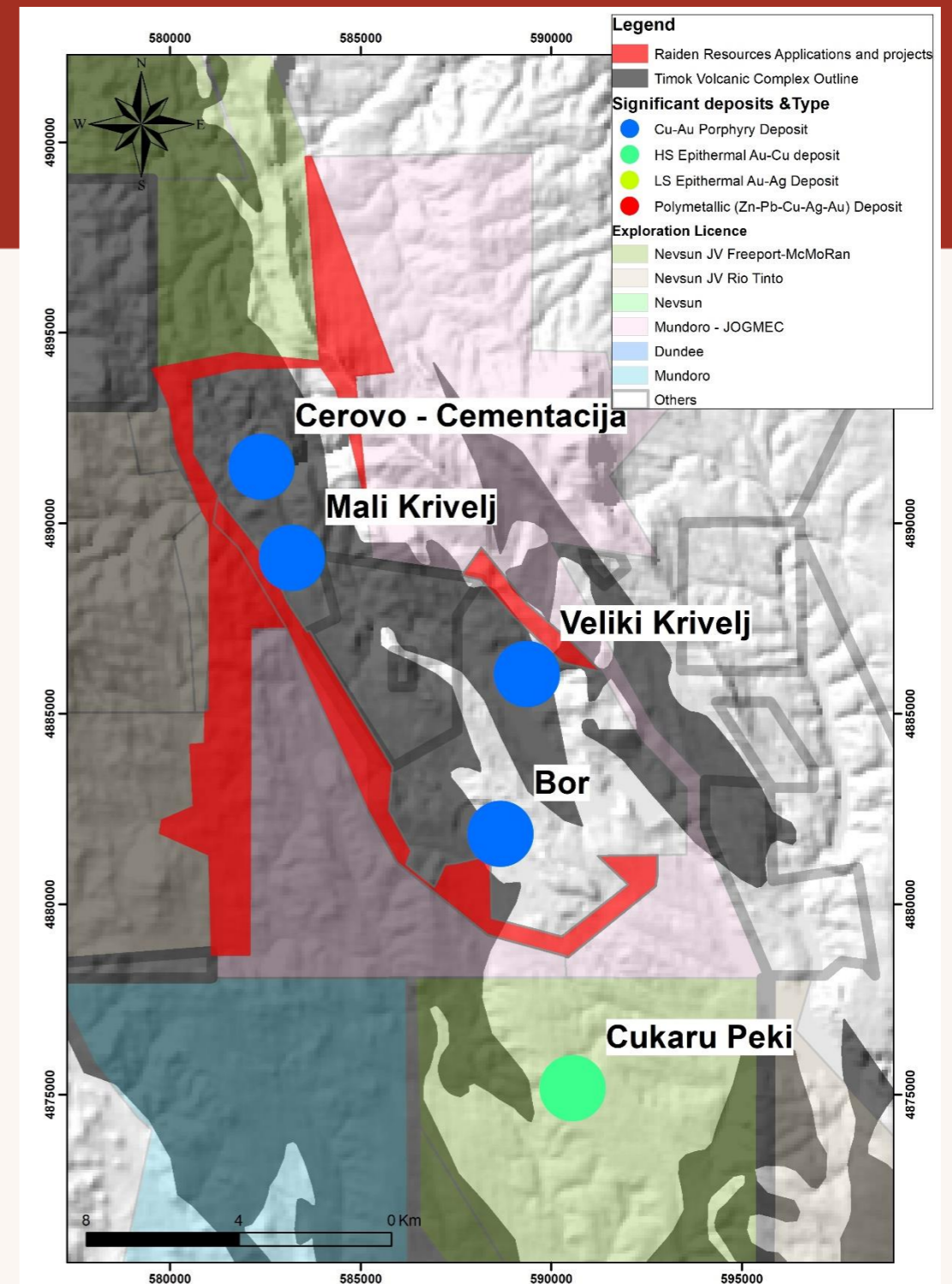


\* Schematic representation of hypothetical setting of Zupa

# Bor Project

## 4 PORPHYRY DEPOSITS NEIGHBOUR THE APPLICATION

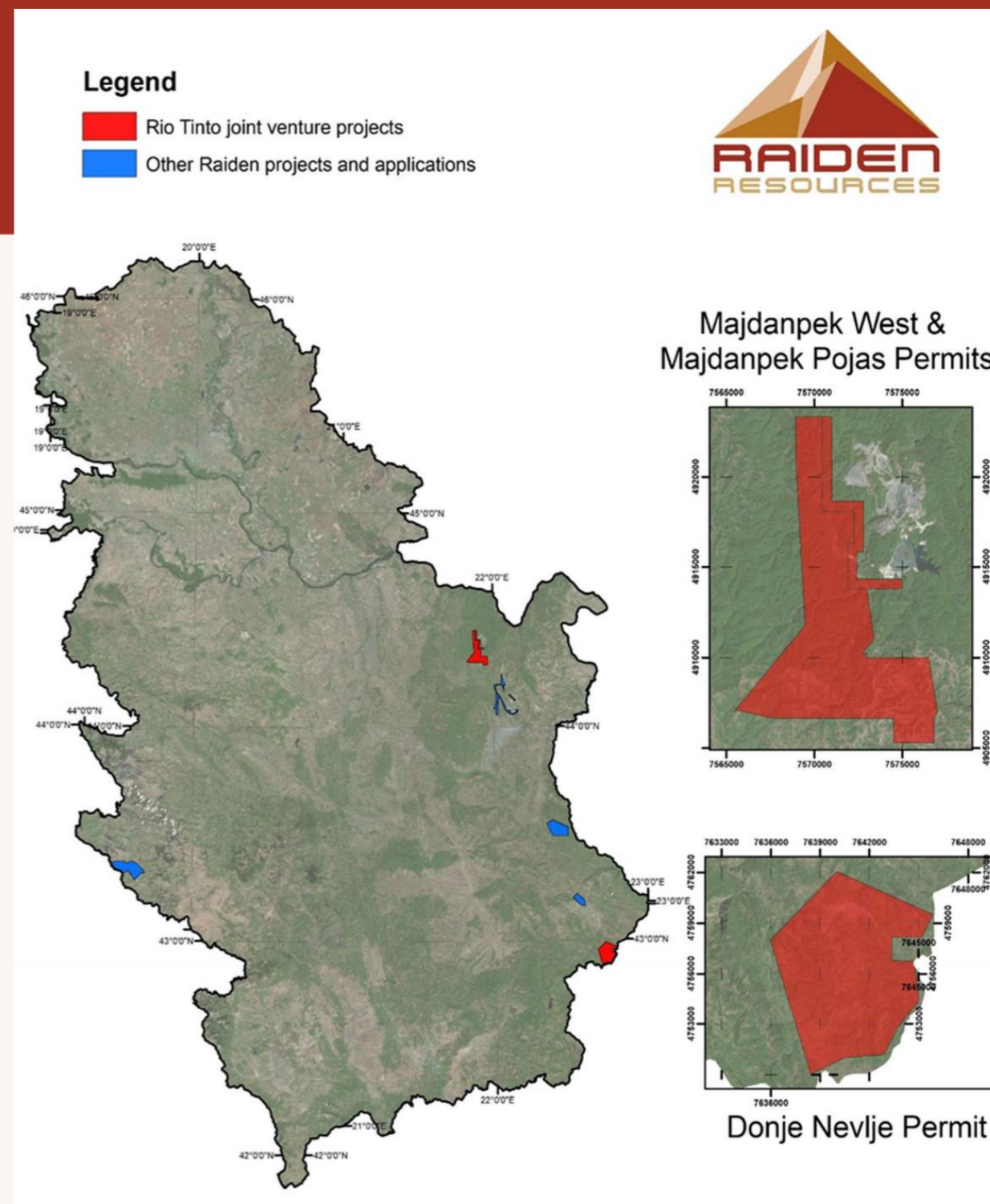
- 1 application approved (~5.8km<sup>2</sup>), 3 pending (~30Km<sup>2</sup>)
- 4 porphyry deposits neighbour the applications
- Located within prolific Bor trend and directly adjacent to numerous world class deposits and smelter
- Most of the porphyries contain a peripheral high grade skarn/epithermal component to the mineralisation, which have small footprints = exploration target
- Targeting the peripheral high sulphidation mineralisation (Cukaru Peki style), at depth



# Rio Tinto Joint Venture

## RIO TINTO ARE TARGETING LARGE PORPHYRY SYSTEMS

- Joint Venture agreement covers three of Raiden's exploration licenses (Majdanpek West; Majdanpek Pojas and Donje Nevlje)
- Rio Tinto have commenced exploration on licenses and have option to spend up to US\$31.5m (~AUD\$40m) to earn up to 75% project-level interest over three stages
- Rio Tinto are targeting large porphyry systems and associated high sulphidation Cu-Au deposits
- Transaction validates the prospectivity of these licenses
- The Joint Venture will provide significant source of funding and will enable the Company to devote resources to exploration and development of its other assets





# Majdanpek Projects – Rio Joint Venture

## Porphyry Cu-Au and epithermal targets

### Leja Prospect

- Located within the TMC volcanics with historical Cu anomalies
- Adjacent to dormant, high grade Coka Marin deposit
- Well developed infrastructure and within 10 km of large Majdanpek porphyry deposit

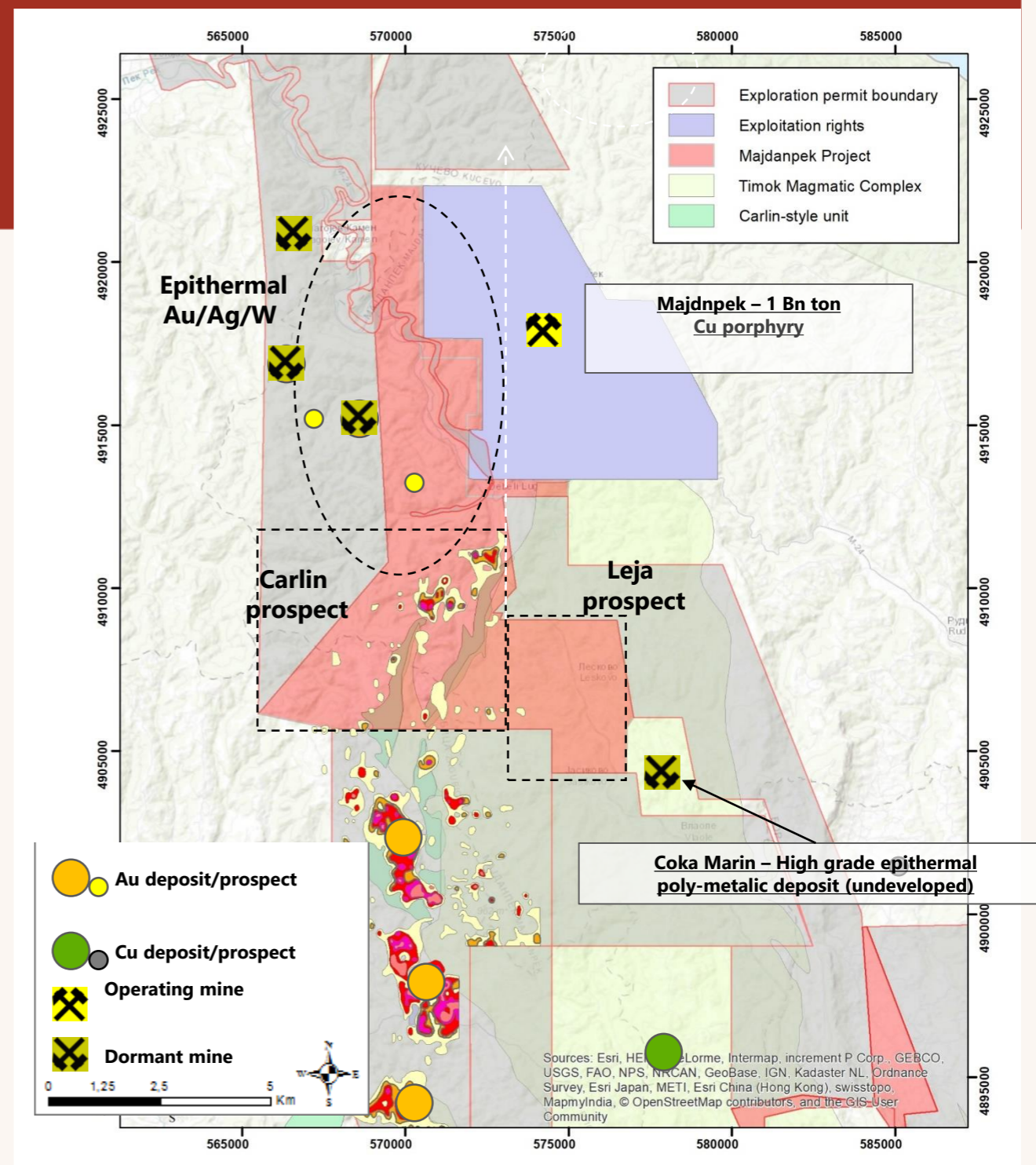
## Gold Targets

### Carlin Prospect

- Targeting N-S striking sedimentary units
- Numerous large deposits (2.4Moz)<sup>1</sup> within a few Km to the south (Dundee)
- Previously defined geochemical anomalies (based on limited exploration completed)

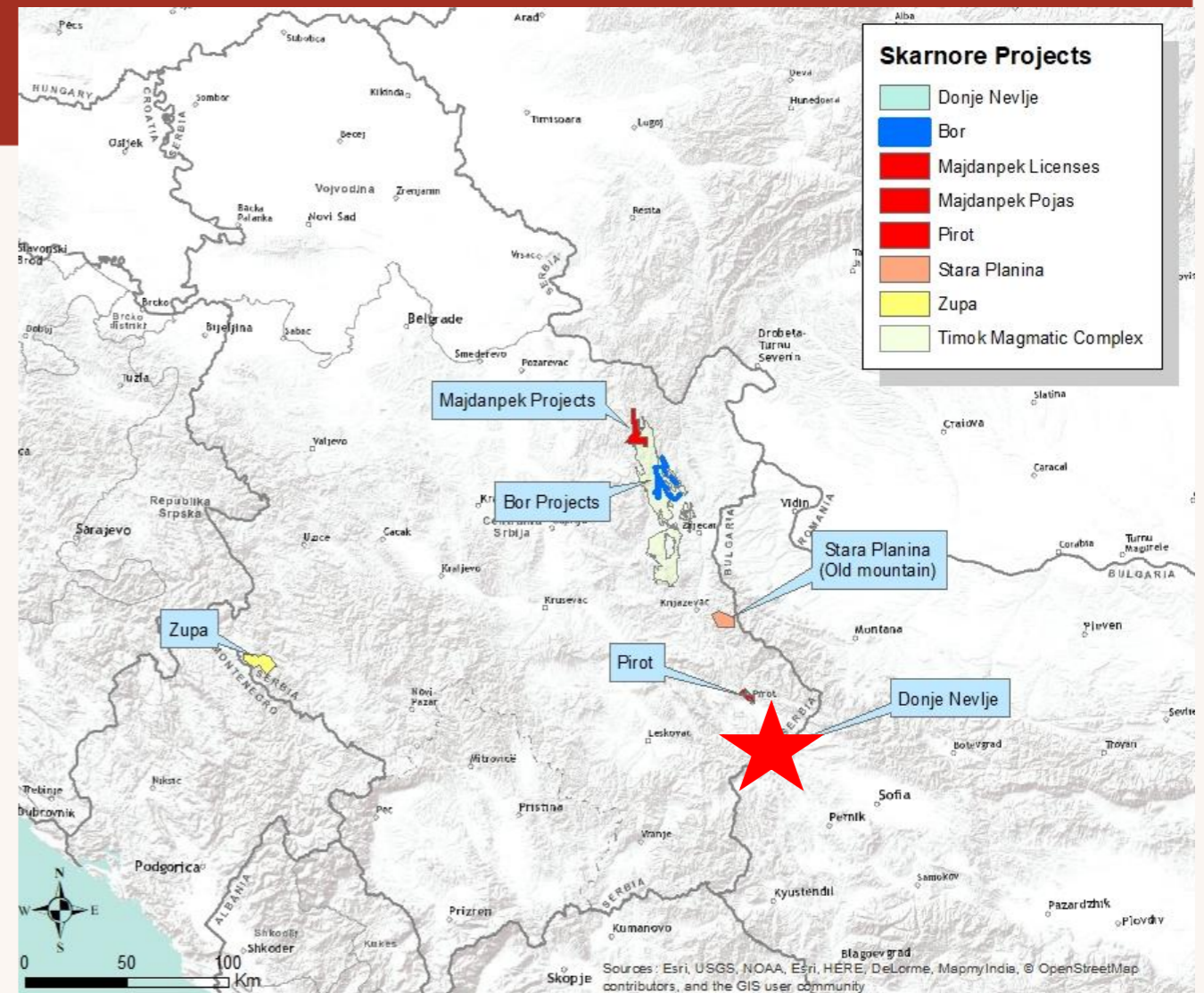
### Blagojev Kamen

- Ground holding adjacent to historical, high grade Au/Ag/W mines.



# Donje Nevlje – Rio Joint Venture

- Cretaceous volcanic and intrusive (same suite as the Timok magmatic complex ('TMC'), state defined as a 'prospective Cu target' in the 1960's, as a result of mapping and magnetic survey
- Historic magnetic survey suggests intrusive magmatic complex, which is reminiscent of TMC magnetic signature
- Untested IP and geochemical anomalies
- Anomalous historical drill results (281m@ ~0.1% Cu), no follow up drilling
- Historic high grade Cu rock samples at surface
- Significant Cu in soil anomaly (peaking +1000ppm Cu)
- Potential for discovery of entire new district



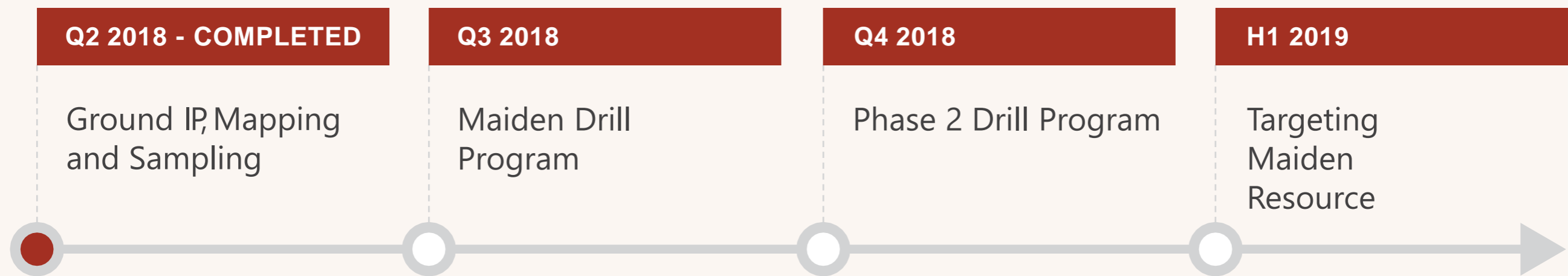
# Exploration Strategy

Aggressive exploration program geared towards discovery

Well capitalised to deliver its 2018 exploration program

De-risk cashflow through Joint Ventures with majors on early stage projects

## Stara Planina Project



### **Majdanpek West; Majdanpek Pojas and Donje Nevlje (Rio JV Projects)**

Exploration programs at Joint Venture projects will be predominately driven by Rio Tinto. Exploration commencing Q3 2018

### **Pirot Project; Zupa Project; Bor Project**

Exploration programs are pending final approval by ministry



# Contact

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(Managing Director)

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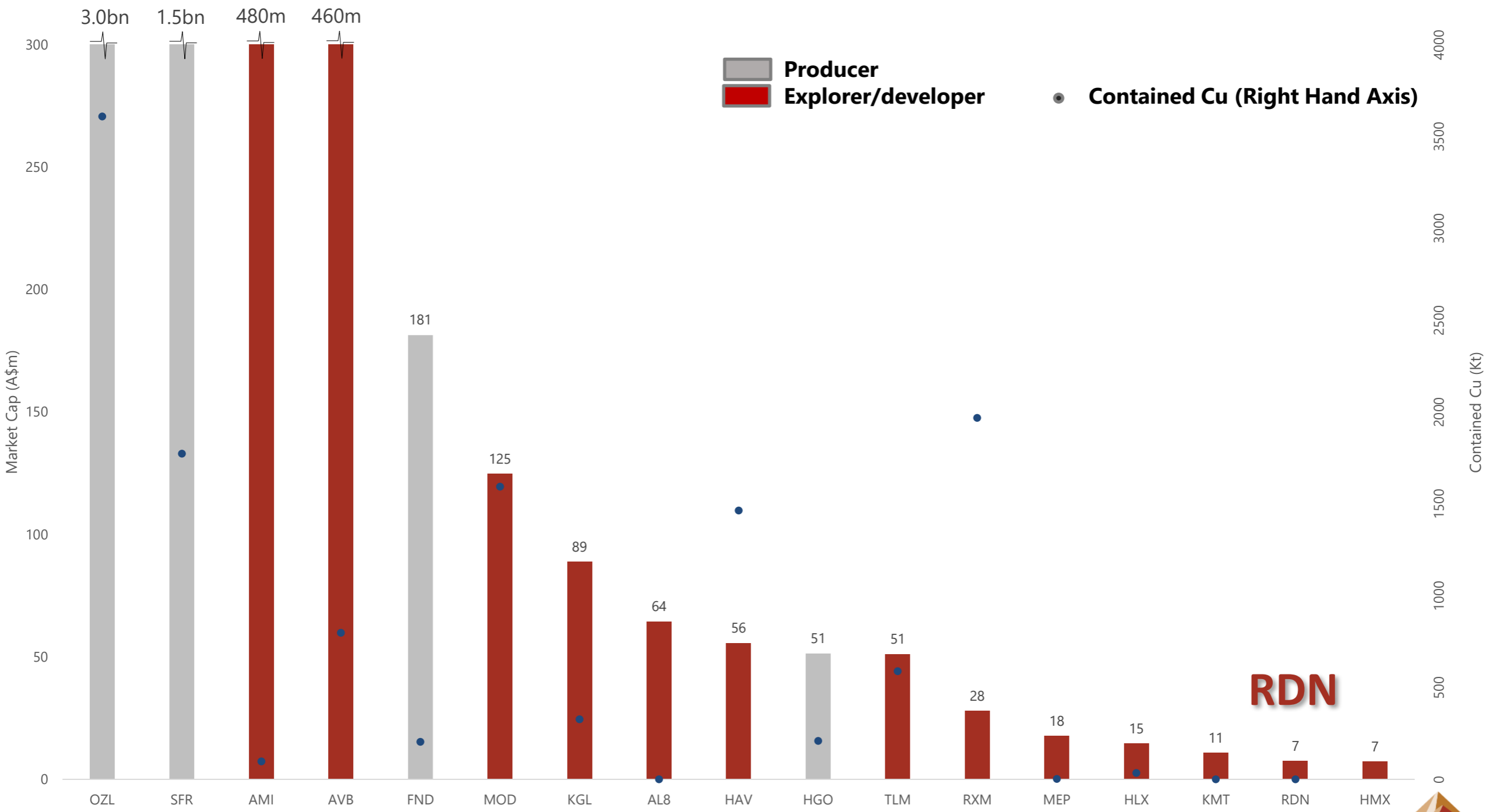
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# ASX Copper Companies

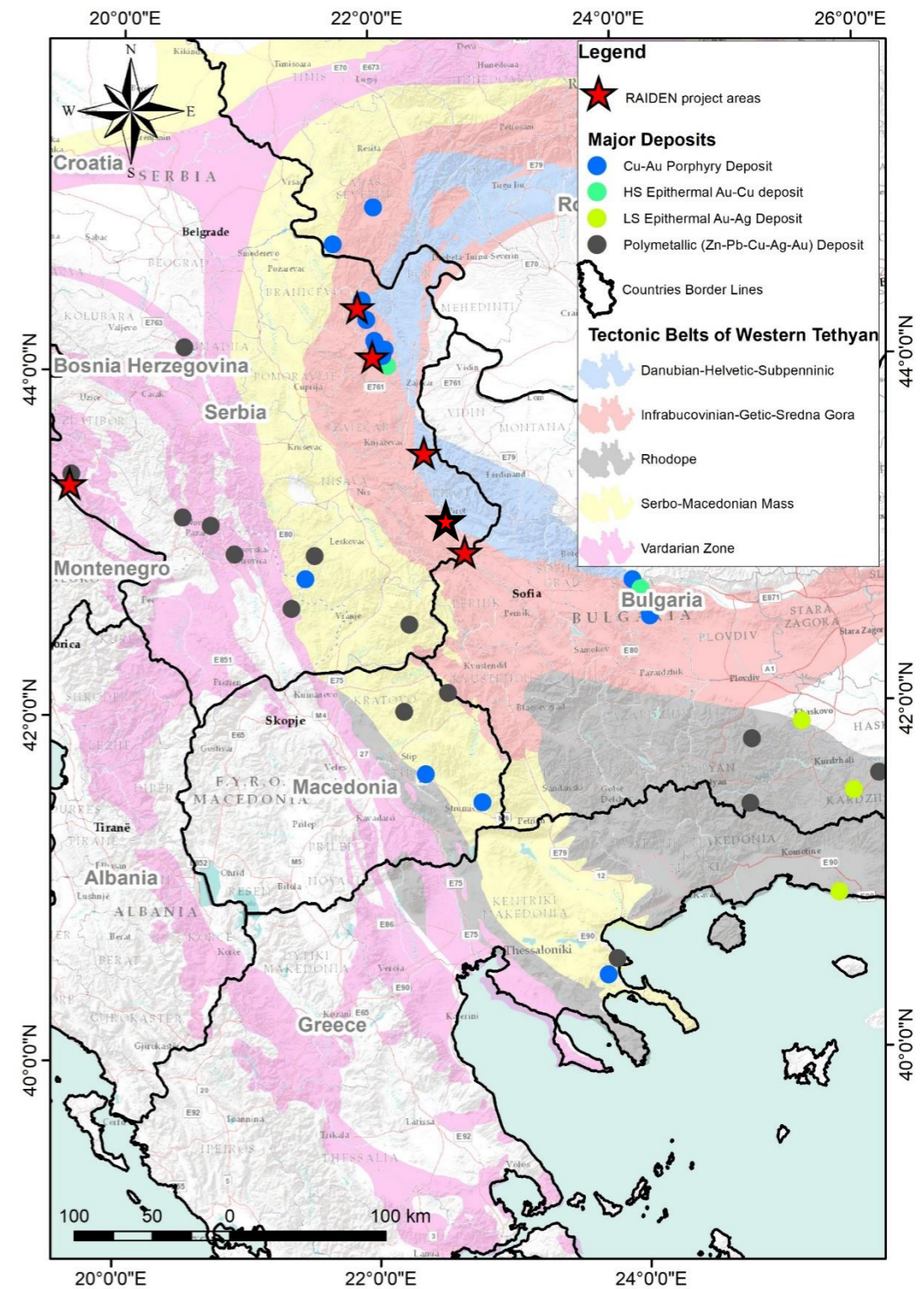
## Competitive Landscape – ASX Copper Companies



# Why Serbia?

## Globally Significant and Underexplored Region

- Government committed to increasing role of mining in economy
- World class geology – Tier 1 deposits in operation & recent major discoveries
- Modern exploration only recently commenced
- Favourable regulatory structure:
  - No restrictions on foreign ownership
  - No government participation
  - 15% corporate tax rate
  - 5% NSR royalty
- Modern mining law - exploration (8 years & exclusive right to mining licence)
- Low energy costs – approx. \$0.06 / kwh
- Well serviced network of roads/rail linking mines to various port & smelters
- All projects well serviced by roads, power and near rail
- Granted EU candidate status (March 2012)
- Highly skilled and cost competitive workforce



# Established Mining Jurisdiction

## Majors attracted by:

- Numerous world-class discoveries
- Long and established mining history
- Government support and commitment to resource sector



## Juniors attracted by:

- Favourable geology with potential for major deposits
- Lack of exploration since the 80's / recent entrants rewarded with Tier 1 discoveries (eg. Reservoir – Cukaru Peki)
- Low cost operating environment



## Private development companies attracted by:

- Established legal framework for mine commissioning & operation
- Low cost environment & mining skills allowing for profitability on small scale operations

