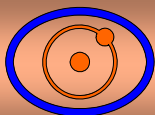


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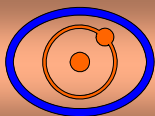
## Greenvale Project Presentation

November 2013



*This presentation has been prepared by the management of Superior Resources Limited (the Company) for the benefit of brokers, analysts and investors and not as specific advice to any particular party or persons. The information is based on publicly available information, internally developed data and other sources. Where an opinion is expressed in this presentation, it is based on the assumptions and limitations mentioned herein and is an expression of present opinion only. No warranties or representations can be made as to origin, validity, accuracy, completeness, currency or reliability of the information. The Company disclaims and excludes all liability (to the extent permitted by law) for losses, claims, damages, demands, costs and expenses of whatever nature arising in any way out of or in connection with the information, its accuracy, completeness or by reason of reliance by any person on any of it. Where the Company expresses or implies an expectation or belief as to the success of future exploration and the economic viability of future project evaluations, such expectation or belief is expressed in good faith and is believed to have a reasonable basis. However, such expected outcomes are subject to risks, uncertainties and other factors which could cause actual results to differ materially from expected future results. Such risks include, but are not limited to, exploration success, metal price volatility, changes to current mineral resource estimates or targets, changes to assumptions for capital and operating costs as well as political and operational risks and governmental regulation outcomes. The Company does not have any obligation to advise any person if it becomes aware of any inaccuracy in or omission from any forecast or to update such forecast.*

*The information in this presentation that relates to exploration results and mineral resources is based on information compiled by Mr Ken Harvey, a full-time employee and shareholder of the Company, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr Harvey has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Harvey consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.*

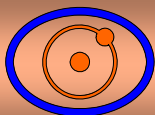


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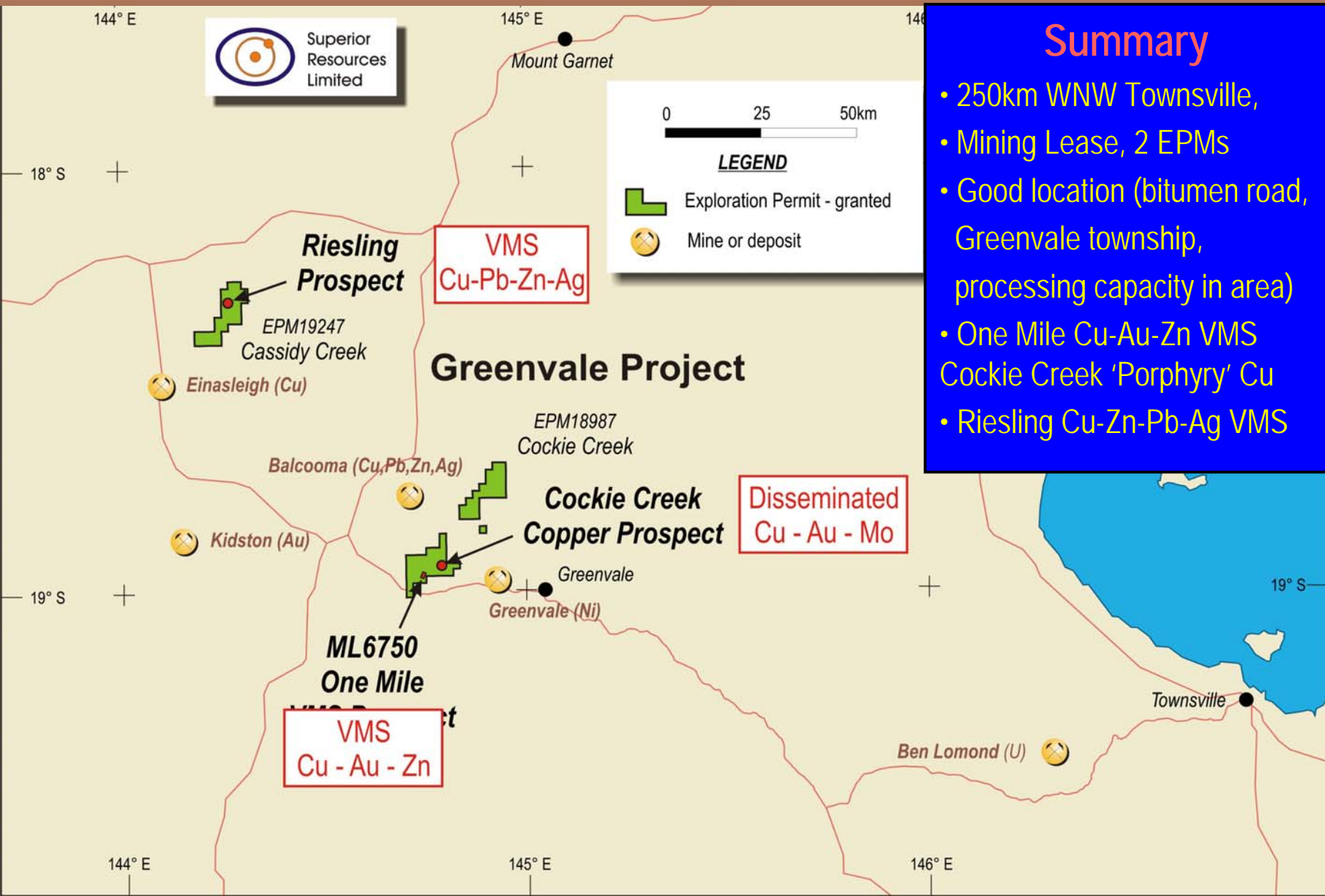
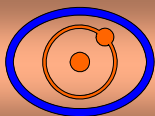
**Greenvale Project**

# Greenvale Project



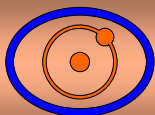


Location	250 km WNW Townsville, northeast Queensland
Tenements	ML6750 "One Mile", EPM18987 "Cockie Creek", EPM19247 "Cassidy Creek"
Targets	Volcanogenic massive sulphide (VMS) deposits and disseminated copper deposits.
One Mile	Large massive and semi-massive sulphide body – subeconomic Four surrounding quality geophysical and other targets to be drilled
Cockie Creek	Inferred resource 13Mt @ 0.42% Cu Potential higher grade copper below resource Potential further low-grade copper mineralisation in area
Cassidy Creek (Riesling)	Six km zone of quartz gahnite lodes and surface samples to 29% Pb High order Zn, Cu and Pb soil anomalies with good support in magnetics and ground EM Potential for VMS mineralisation (or maybe <b>Broken Hill type</b> )



## Summary

- 250km WNW Townsville,
- Mining Lease, 2 EPMs
- Good location (bitumen road, Greenvale township, processing capacity in area)
- One Mile Cu-Au-Zn VMS
- Cockie Creek 'Porphyry' Cu
- Riesling Cu-Zn-Pb-Ag VMS



## Summary

- Outcropping VMS gossan
- Large sulphide (pyrite) body
- Near-economic Cu-Au-Zn-Ag intersections
- Target - thickened area of the sulphide body with better copper and gold grades
- Prospective basic to intermediate volcanic host sequence
- Other geophysical targets in surrounding area

← Drilling Massive Sulphides





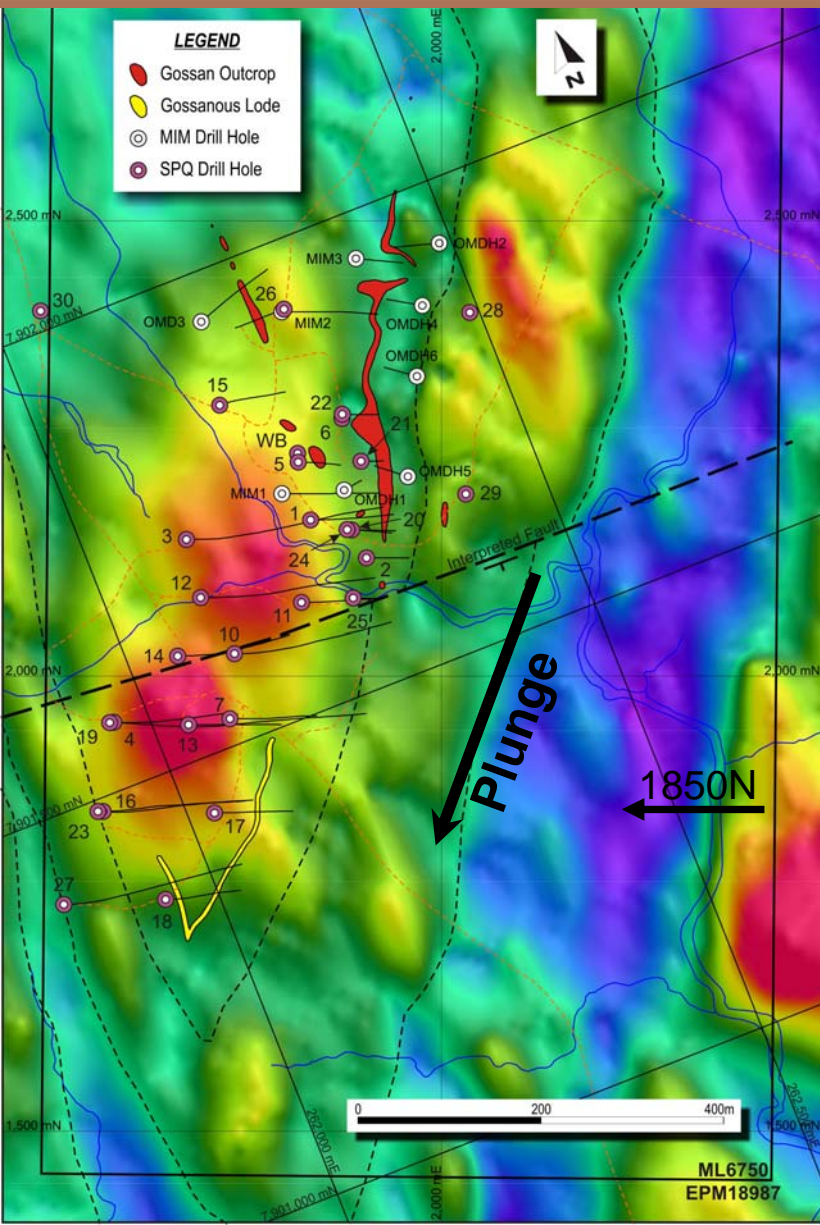
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# One Mile Project – Gossan

A Substantial Gossan on Massive Sulphide







## Gossans and Drill Holes on Magnetics

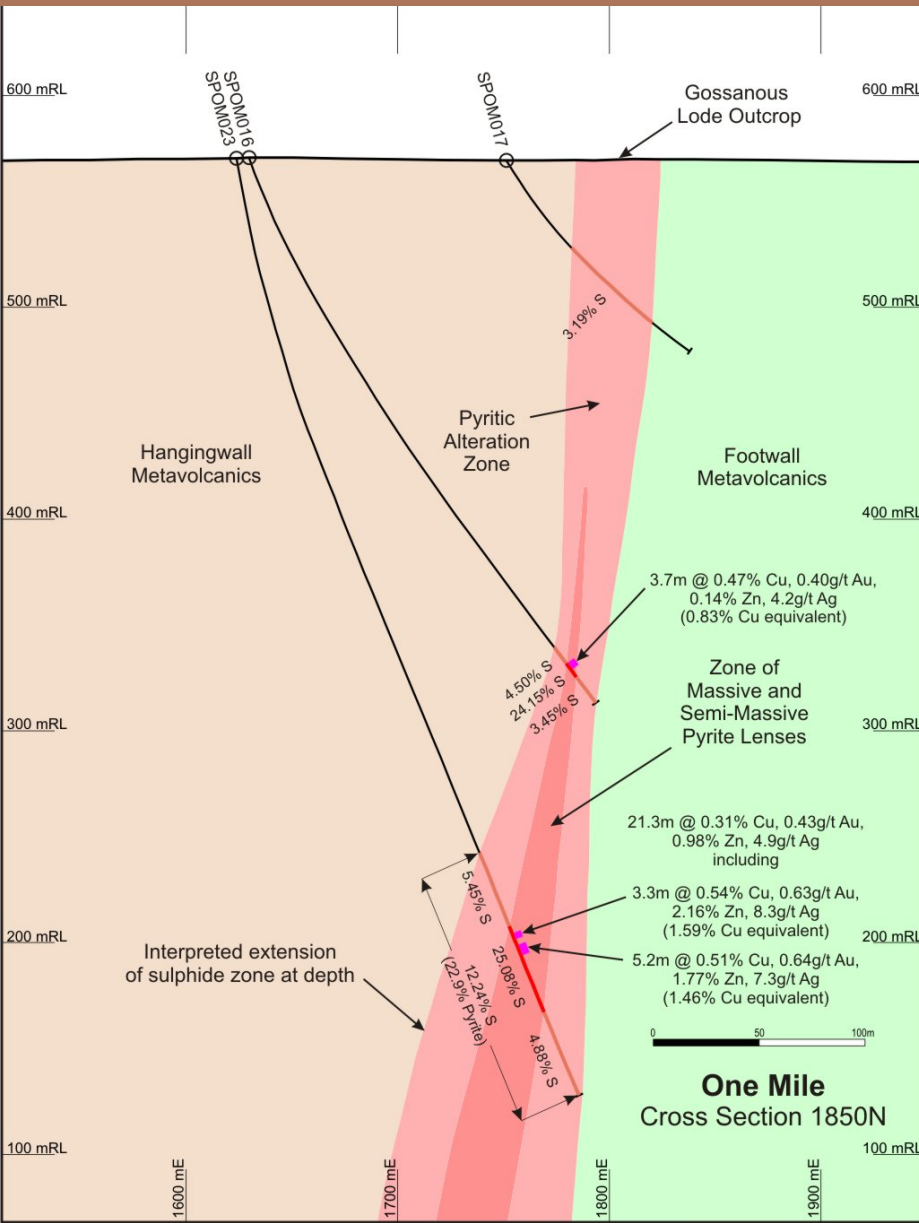
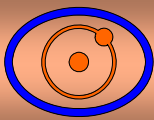
- Gossan/Lode extends over 800m strike length
- Improvement in width and grade of the massive and semi-massive sulphides to the south down the plunge of the sulphide body
- Best intersection from drilling in hole SPOM023 with 21.3m @ 0.31% Cu, 0.43g/t Au, 0.92% Zn including:

3.3m @ 0.54% Cu, 0.63g/t Au, 2.16% Zn, 8.3g/t Ag  
(1.59% Cu equivalent) and  
5.2m @ 0.51% Cu, 0.64g/t Au, 1.77% Zn, 7.3g/t Ag  
(1.46% Cu equivalent)

- Gold (g/t) to copper (%) ratio greater than 1:1
- Enclosing pyritic alteration zone thickens and intensifies to the southwest

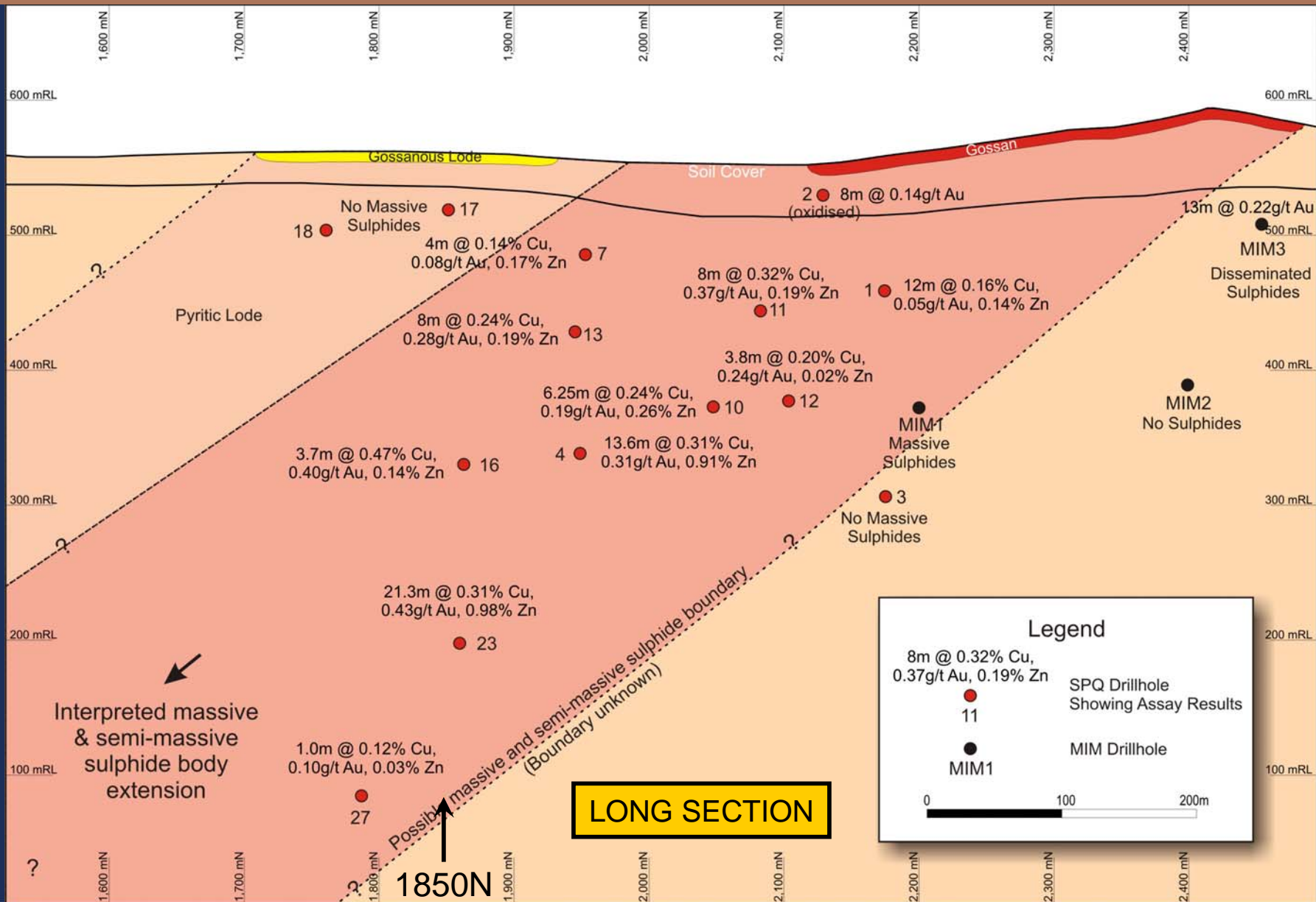
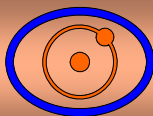
(Copper equivalents based on prices of \$7177/t Cu, \$1520/oz Au, \$1738/t Zn, \$26/oz Ag)





## Cross Section 1850N

- Gossanous lode outcrop
- Hole SPOM016 - narrow pyritic alteration zone enclosing a thin massive / semi-massive sulphide lode (0.83% Cu eq.)
- Hole SPOM023 - wide pyritic alteration zone enclosing a wide massive / semi-massive sulphide zone (1.5% Cu eq.)
- Thickening of both pyritic alteration zone and sulphide zone at depth with increasing copper, gold, zinc and silver grades
- Prospect of a target zone in the vicinity of hole SPOM023 - along strike (north or south) or at depth
- Gold (g/t Au) to copper (%) ratio > 1:1







## Drill Hole SPOM012

- Massive and semi-massive sulphides (pyrite with chalcopyrite and sphalerite)
- Coarse grained due to amphibolite metamorphic grade
- Alteration – muscovite (after sericite), biotite, phlogopite and silica







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# One Mile Project – Main Lode



Superior  
Resources  
Limited

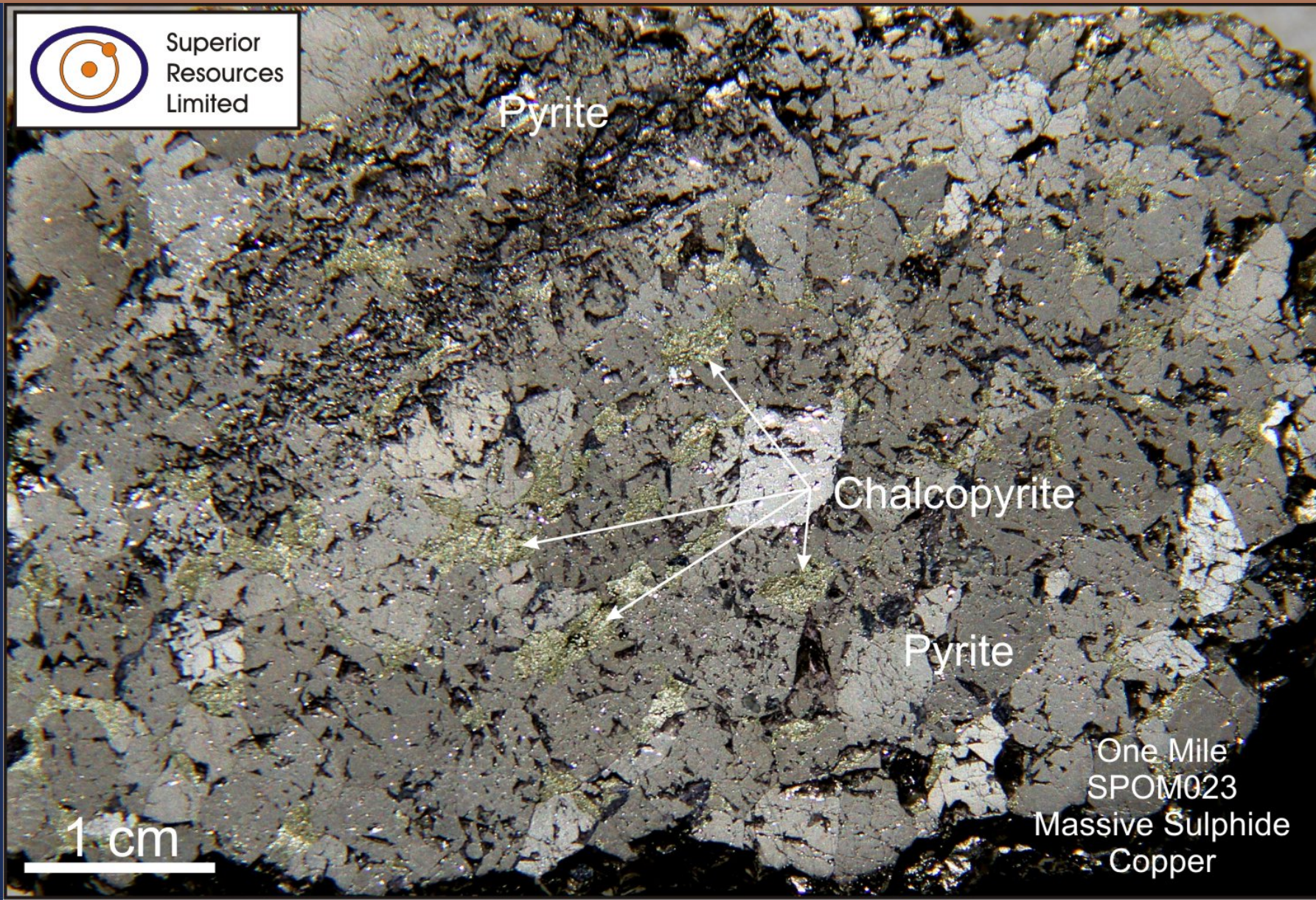
Pyrite

Chalcopyrite

Pyrite

1 cm

One Mile  
SPOM023  
Massive Sulphide  
Copper

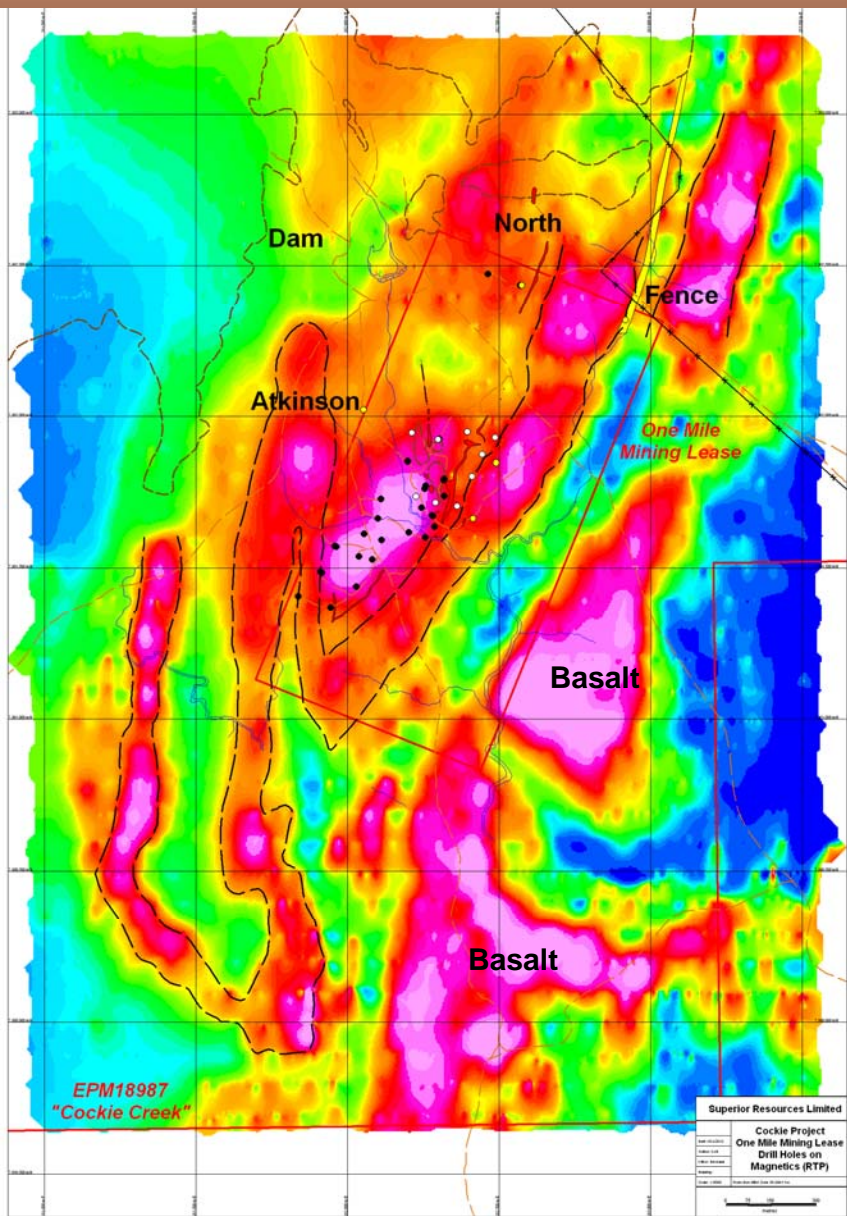


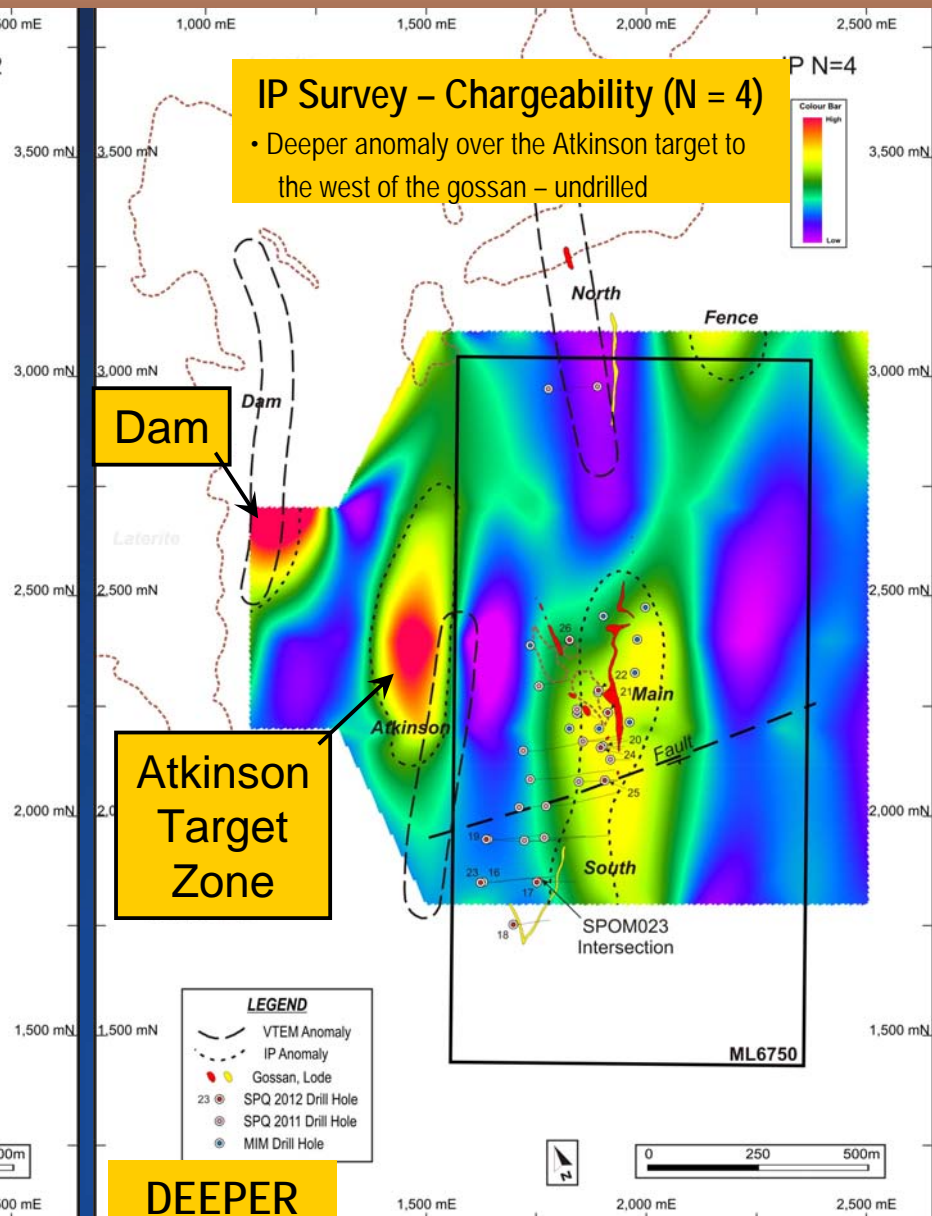
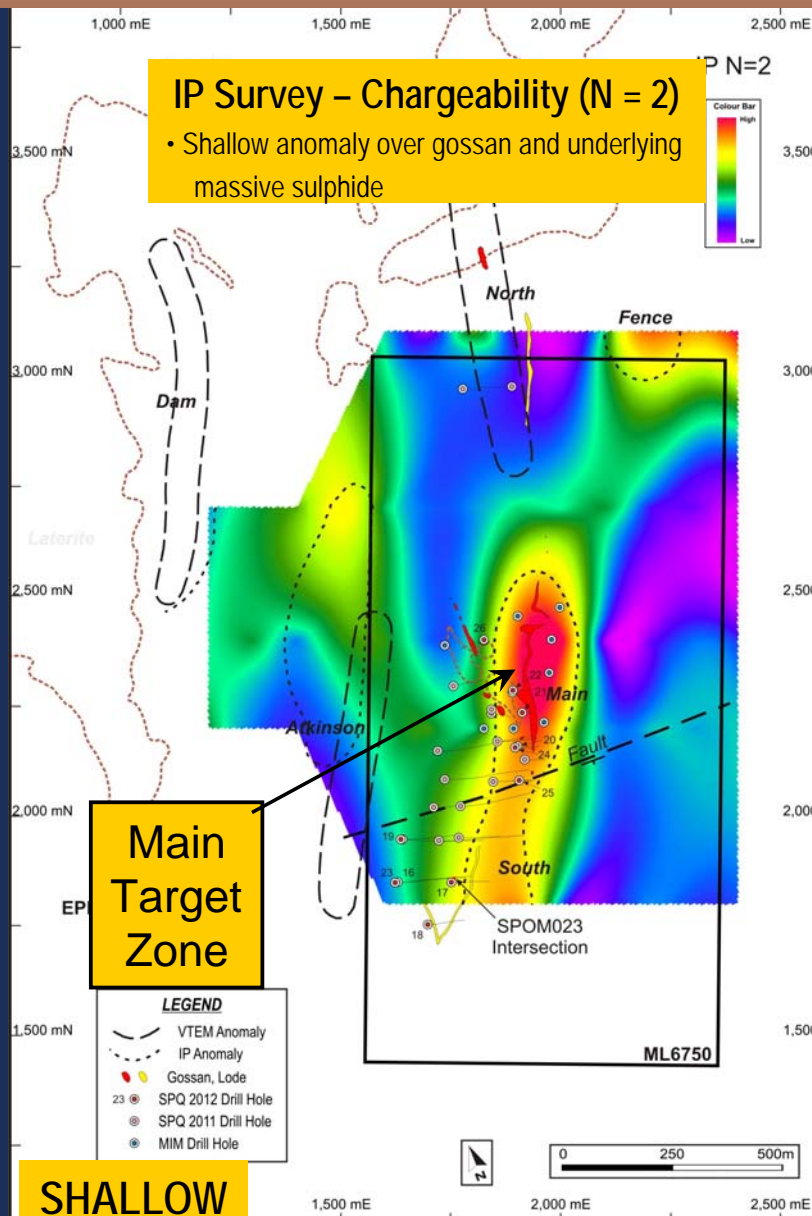
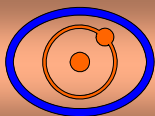




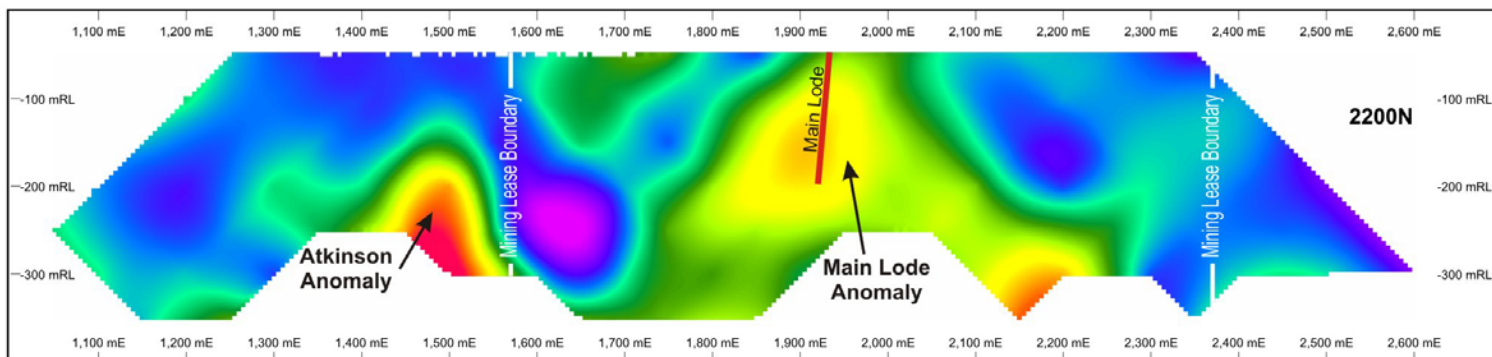
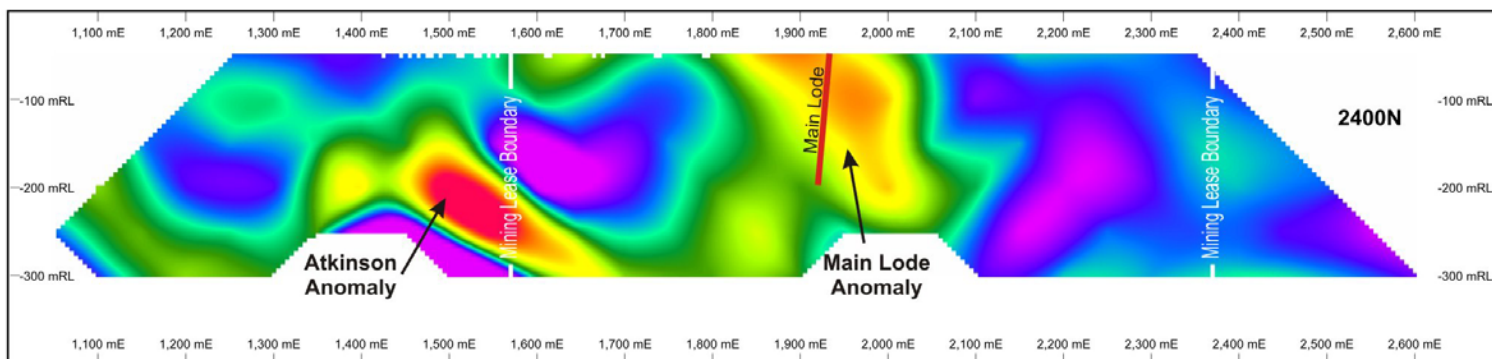
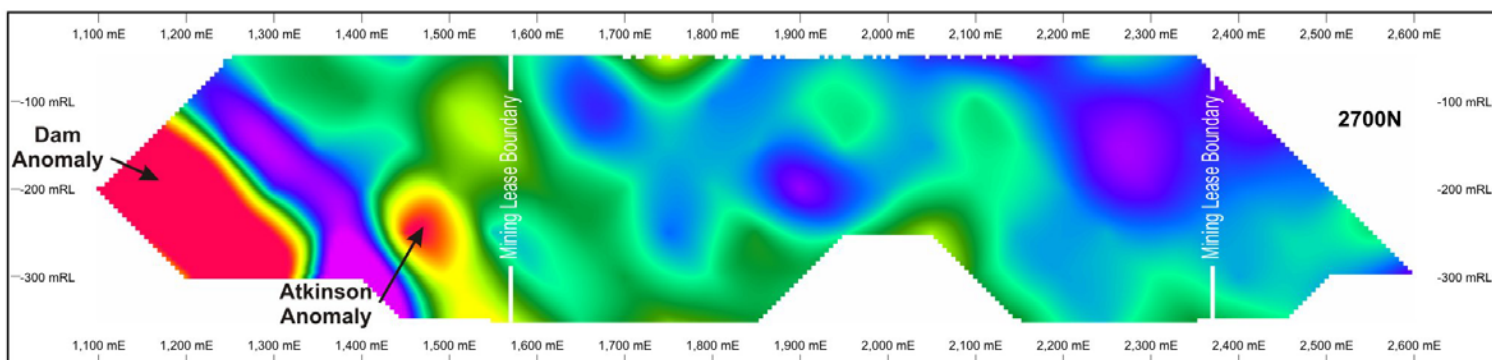
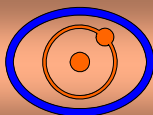
## One Mile Targets

- Ground magnetics (RTP)
- Interpretation shows folded magnetic horizon below sulphide horizon
- Target areas appear to lie on or close to the interpreted position of the sulphide horizon







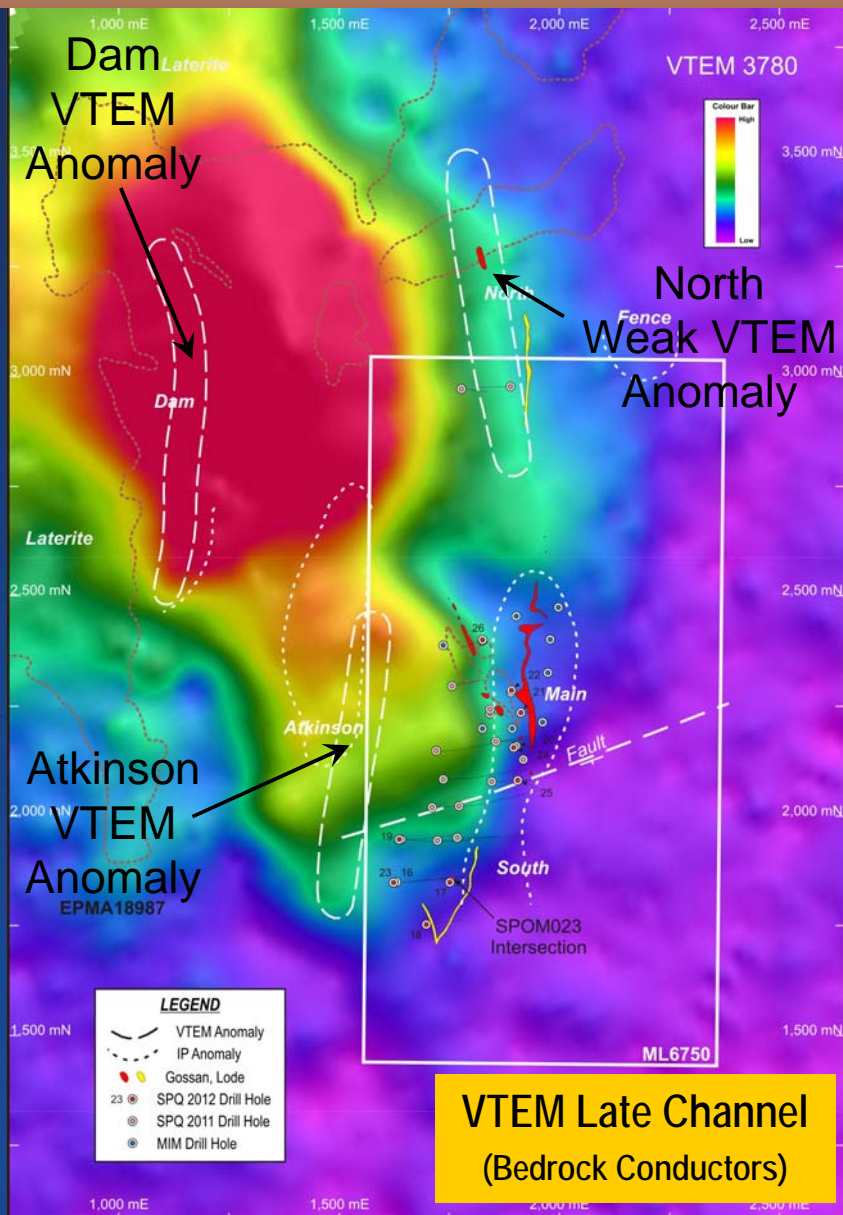
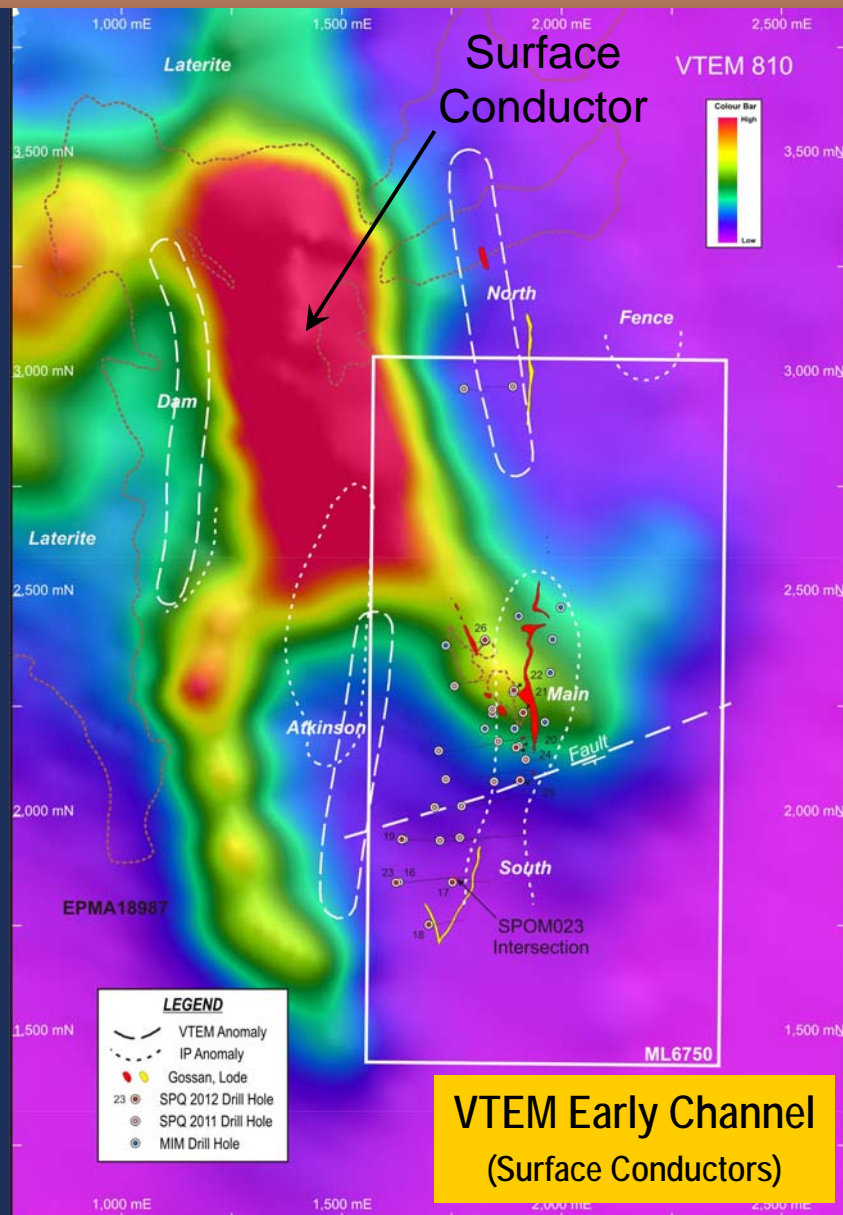
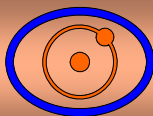


CONTRACTOR: SEARCH EXPLORATION SERVICES  
OPERATOR: PAUL McINNIS  
TRANSMITTER: GDP-10  
RECEIVER: GDP-16  
CONFIGURATION: DIPOLE - DIPOLE  
ELECTRODE SPACING: 100M

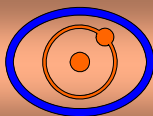
Normalised Chargeability  
**PSEUDOSECTIONS**

0 100 200m

**ML6750 "ONE MILE"**  
**INDUCED POLARISATION SURVEY**  
**COMPLETED BY CEC**  
**JULY 1990**



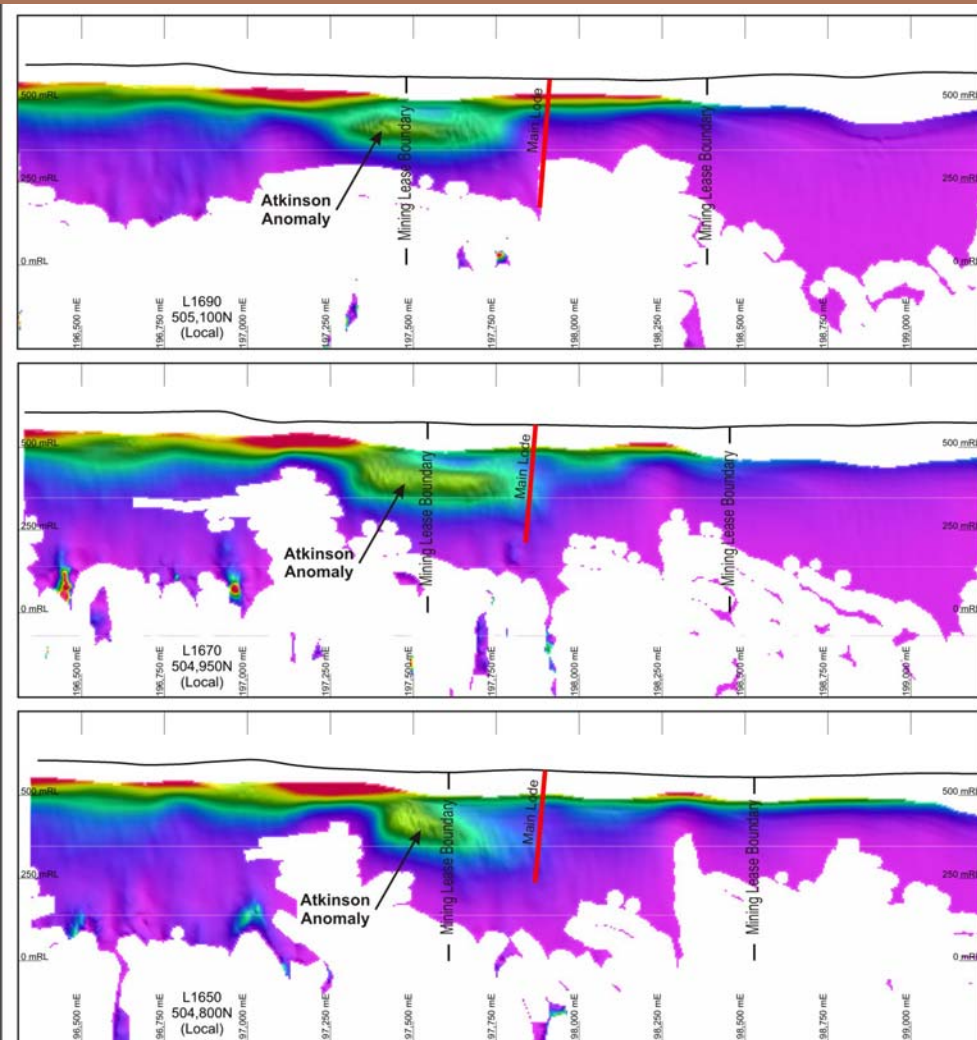




## ← Conductivity Sections

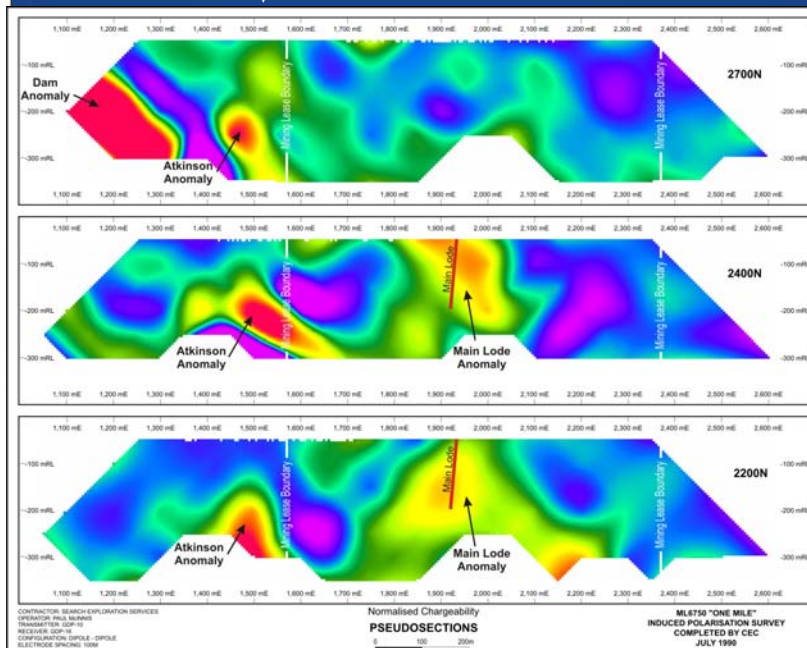
- Derived from VTEM data
- Atkinson target is the best anomaly in the VTEM survey – A prime drilling target
- Coincident with IP anomaly
- Depth – 150m
- Expected to be steeply dipping

## ↙ Chargeability Sections



VTEM survey completed by Beacon Minerals Limited  
 Conductivities interpreted using EMaxAir with Sharpening ON  
 Grid Shown is Local VTEM Grid  
 Common Point: 200,000E; 500,000N (Local) = 259,995E; 7,896,595N (MGA)  
 Local North = 46.9 degrees (MGA)

**One Mile Mining Lease  
 VTEM Conductivity Sections  
 L1650 to L1690  
 Looking North  
 Local VTEM Grid**



CONTRACTOR: SEARCH EXPLORATION SERVICES  
 OPERATOR: PAUL BARNES  
 PROGRAM: VTEM-3D  
 RECEIVER: DDP-10  
 TRANSMITTER: DDP-10  
 ELECTRODE SPACING: 100M  
 Normalised Chargeability  
 PSEUDOSECTIONS  
 0 100 200m  
 ML1650 "ONE MILE"  
 INDUCED POLARISATION SURVEY  
 COMPLETED BY CEC  
 JULY 1990



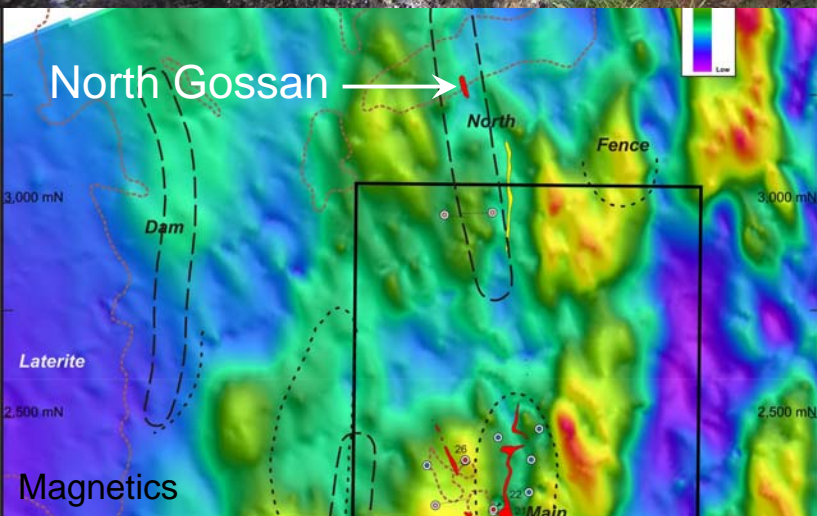


## North Gossan

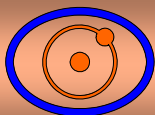
- Large gossan outcrop after massive sulphides protruding from laterite indicates good potential in the North target area – not drilled

## North Gossan

- Close-up photograph of gossan outcrop





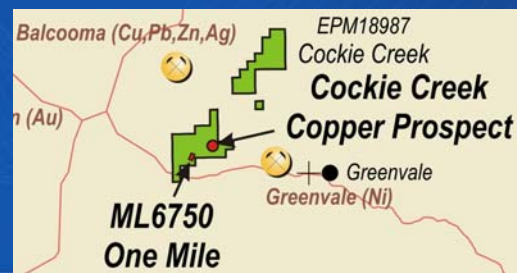


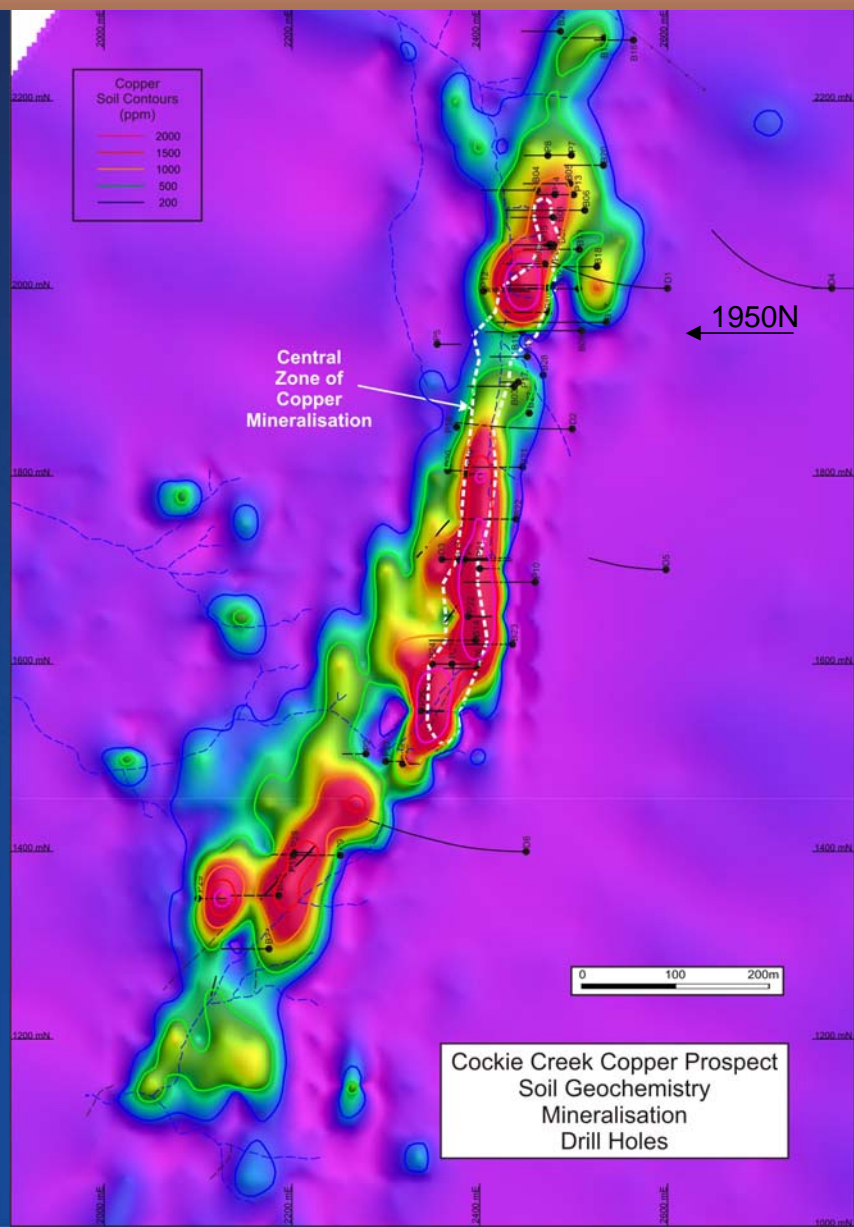
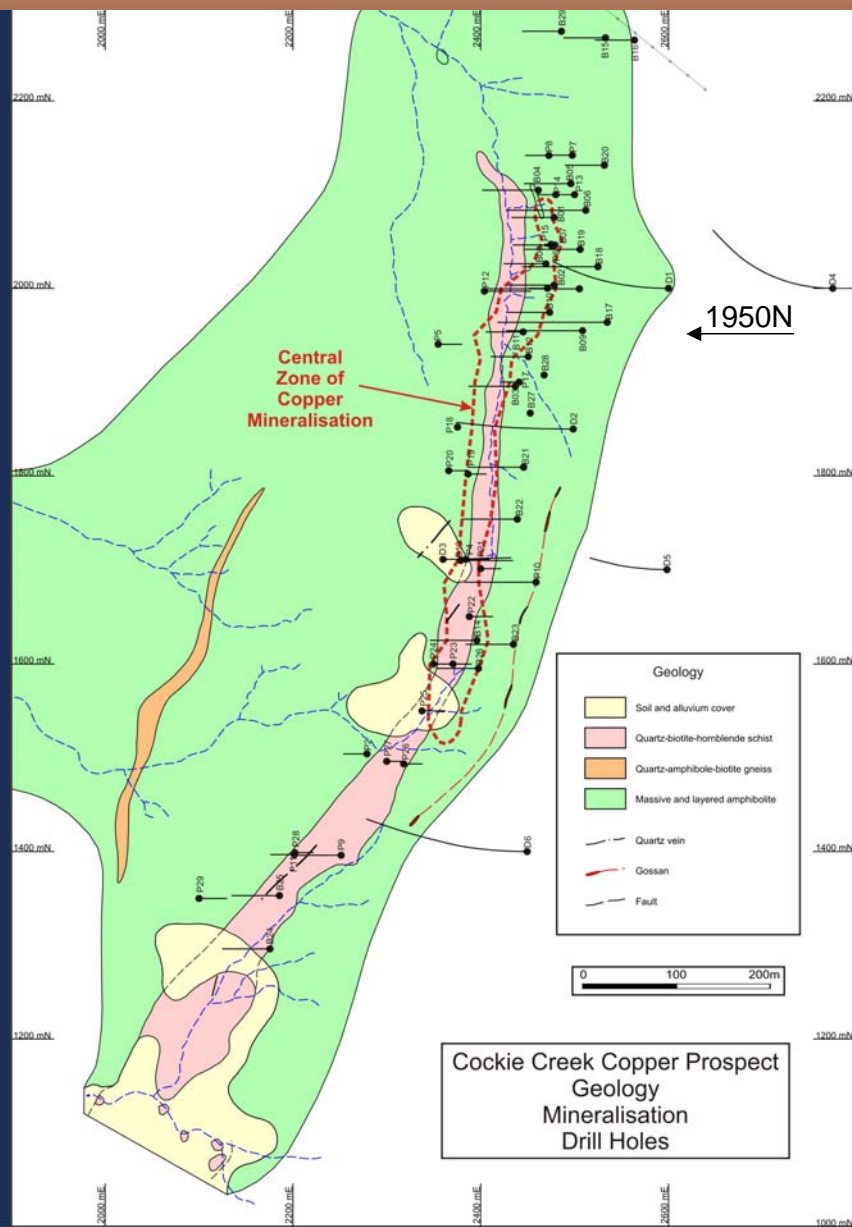
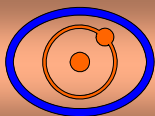
Hole	Easting MGA Z55	Northing MGA Z55	From (m)	To (m)	Length (m)	Cu (%)	Au (g/t)	Mo (ppm)
CRC002	267380	7904295	0	68	68	0.74	0.12	92
CRC009	267356	7904243	66	163	97	0.48	0.07	114
CRC010	267353	7904283	11	85	74	0.42	0.08	78
CRC011	267320	7904295	1	80	79	0.45	0.06	76
CRC014	267019	7904155	15	56	41	0.50	0.10	48
CRC017	267378	7904226	121	215	94	0.53	0.08	99
CRC023	267037	7904120	53	141	88	0.43	0.06	49
CRC026	266995	7904137	11	84	73	0.44	0.05	22
D1	267448	7904183	180	216	36	0.57	0.10	28
D3	267075	7904227	56	104	48	0.48	0.10	94
P11	267403	7904244	50	108	58	0.64	0.07	-
P12	267339	7904345	50	100	50	0.44	0.07	-
P16	267370	7904307	0	40	40	0.75	0.13	-

## Drill Hole Intersections

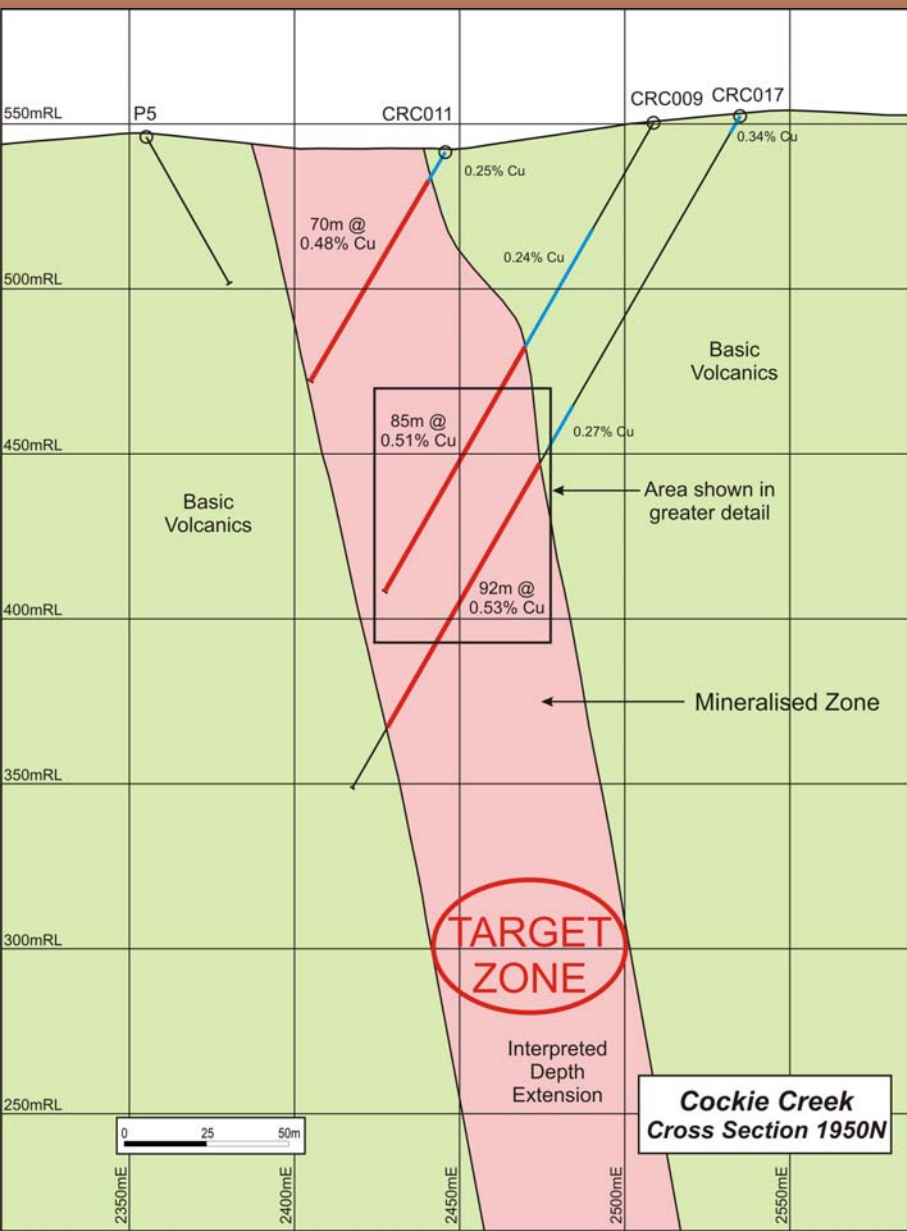
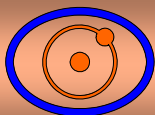
## Cockie Creek Porphyry Copper Prospect

Located 5km northeast of One Mile







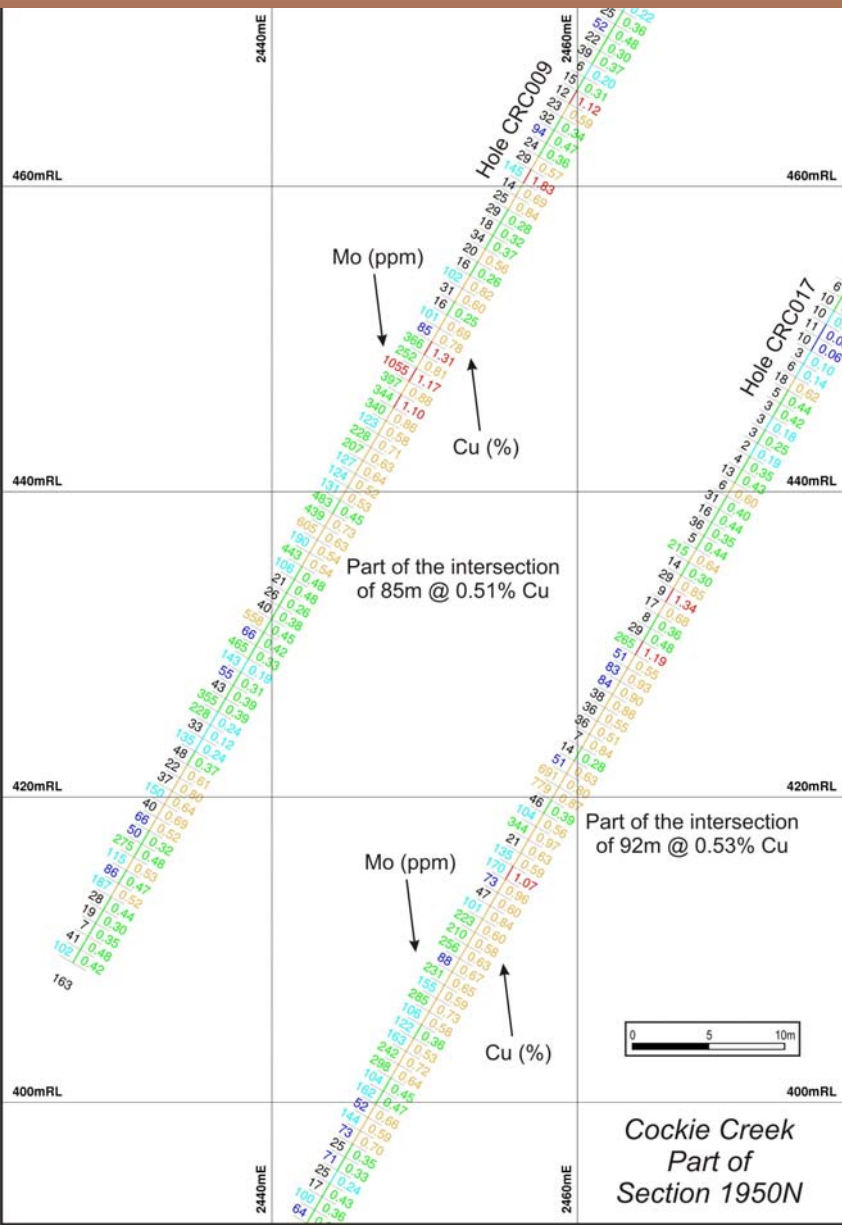
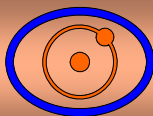


## Summary

- High order soil copper anomaly
- Zone of disseminated copper mineralisation
- Good continuity with true widths to 60m
- Inferred resource 13Mt @ 0.42% Cu
- Associated gold and molybdenum
- Potential at depth and along strike
- Porphyry copper or footwall VMS mineralisation
- Best target at depth below thickened areas



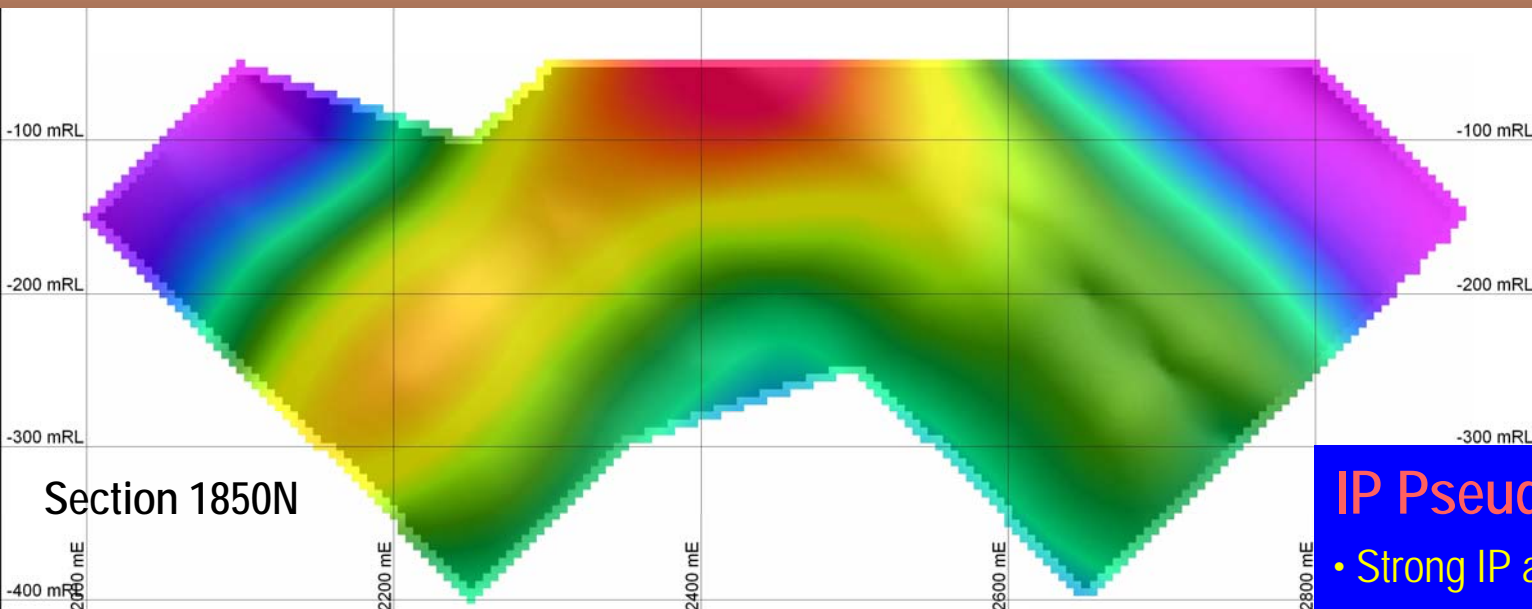
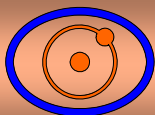
Surface Copper Mineralisation at 1950N



## Assay Section 1950N Details

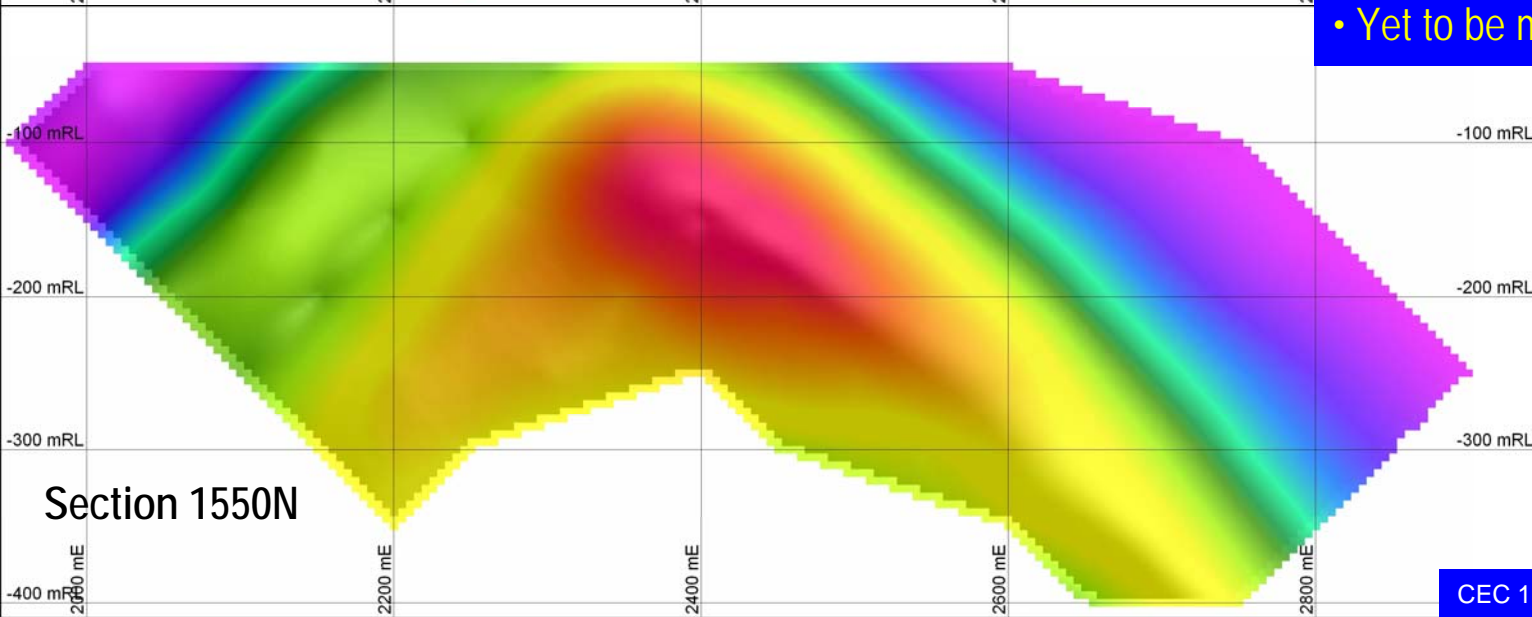
- Primary chalcopyrite copper mineralisation
- Wide consistent zone of copper
- Some copper grades over 1%
- Patchy molybdenum but significant in places
- Deeper drilling planned on this section to cover possibility that the copper mineralisation may improve at depth

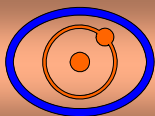




## IP Pseudo-sections

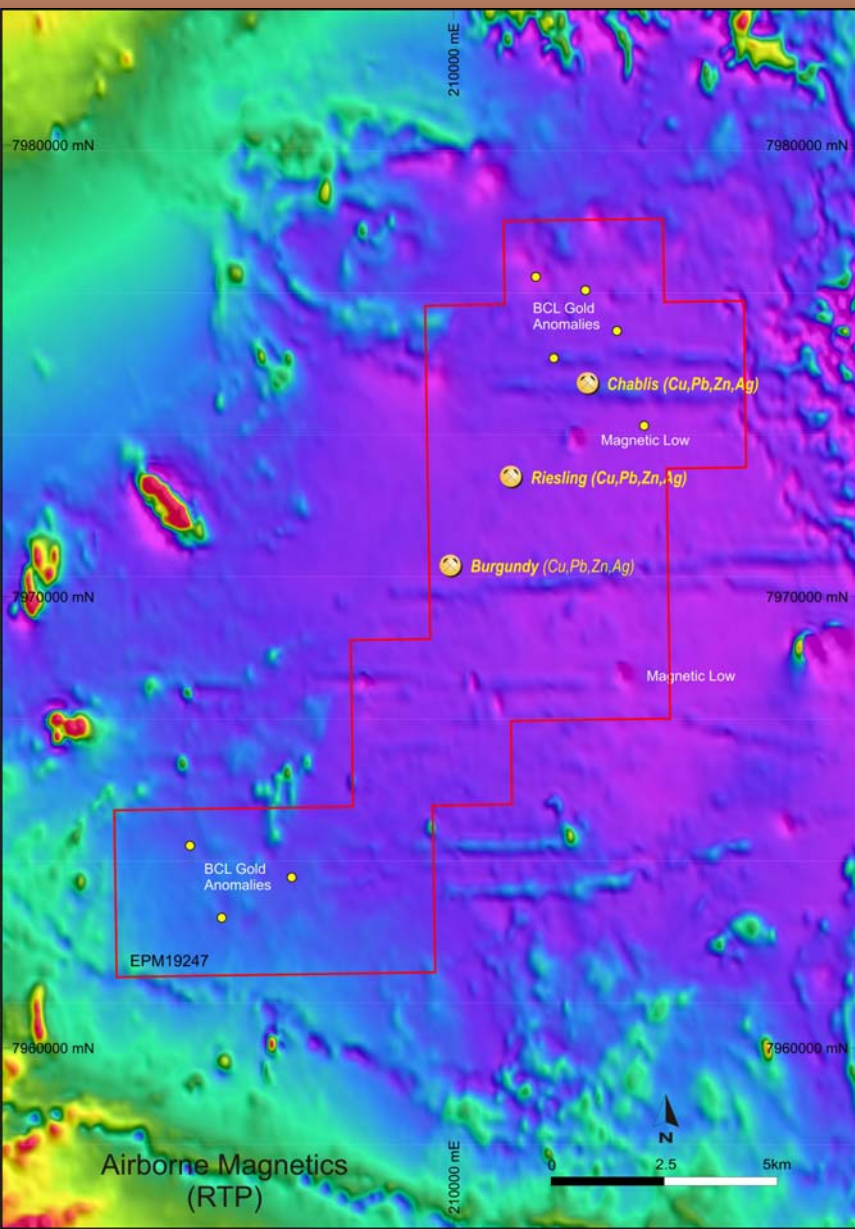
- Strong IP anomalies
- Yet to be modelled





## Airborne Magnetics (RTP)

- Burgundy, Riesling and Chablis Prospect
- High-order stream BCL gold anomalies
- Magnetic targets

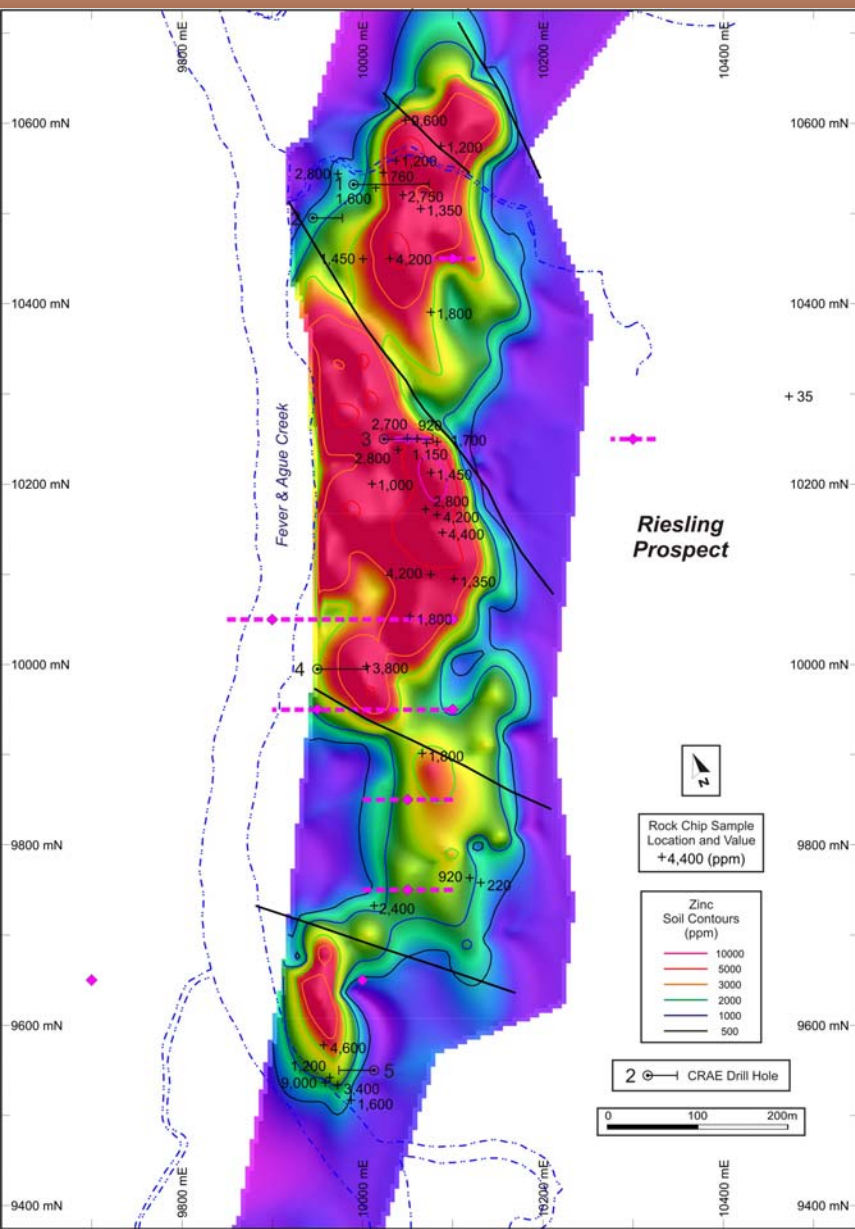






## Soil Zinc Image

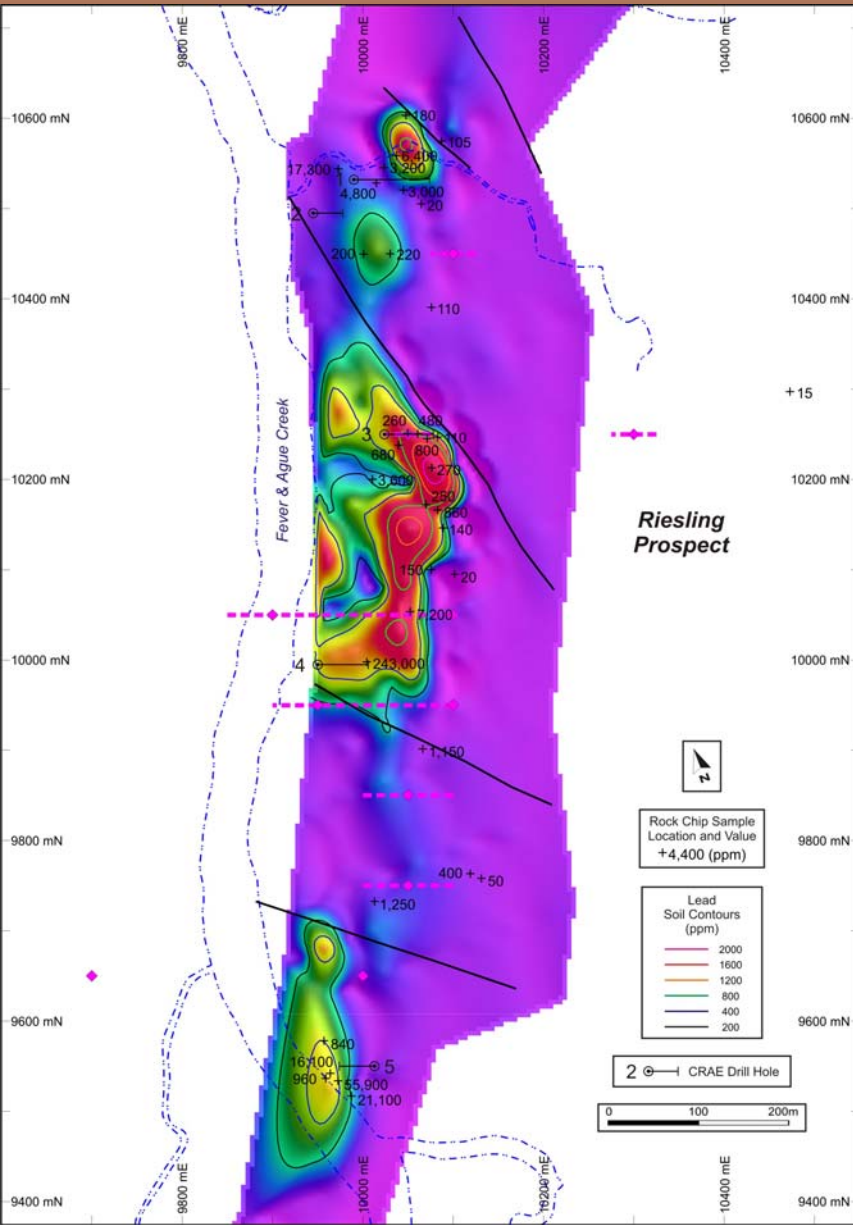
- High-order zinc anomaly
- Partly due to gahnite (Zinc Spinel –  $\text{ZnAl}_2\text{O}_4$ )
- Gahnite forms around zinc deposits by desulphidation of sphalerite (Zinc Sulphide –  $\text{ZnS}$ ) during metamorphism
- Rock samples contain high zinc values





## Soil Lead Image

- High-order but smaller lead anomaly
- Rock samples of lead gossan to 29% Pb

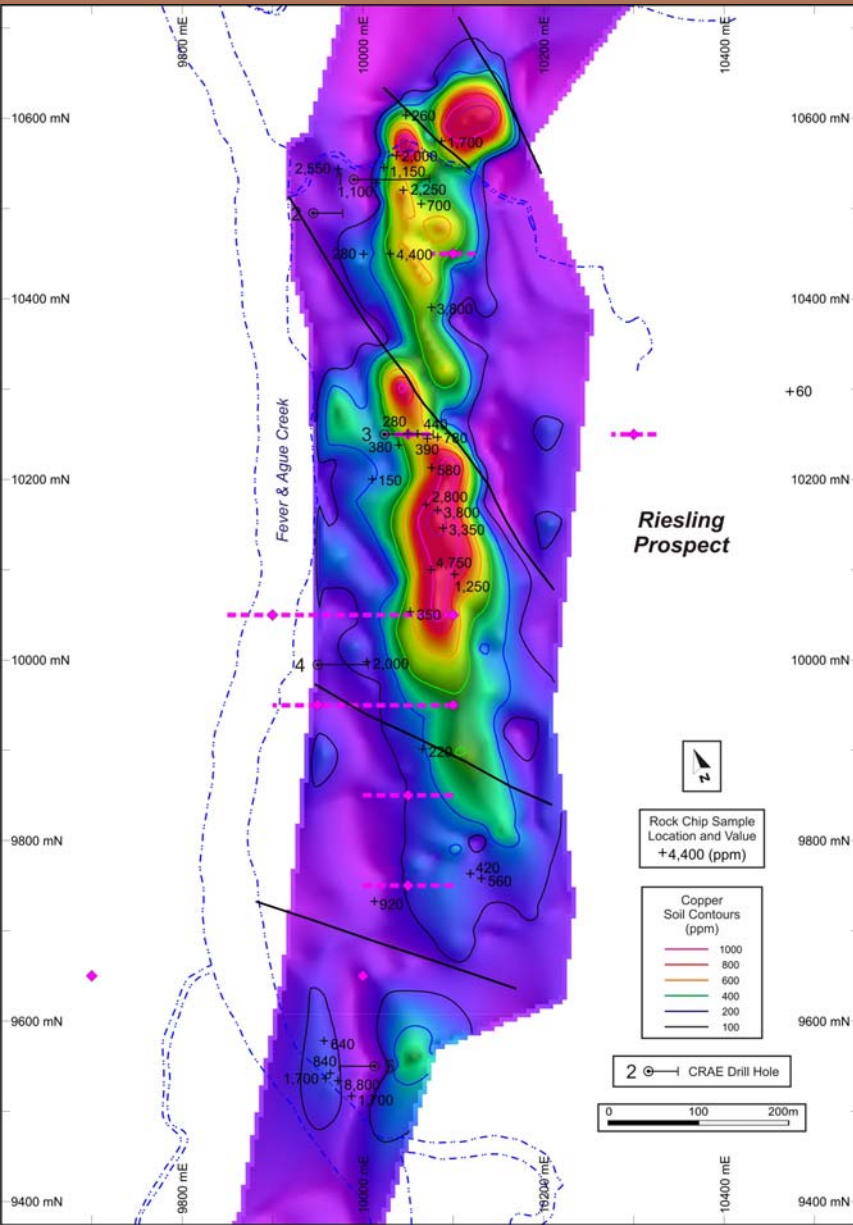


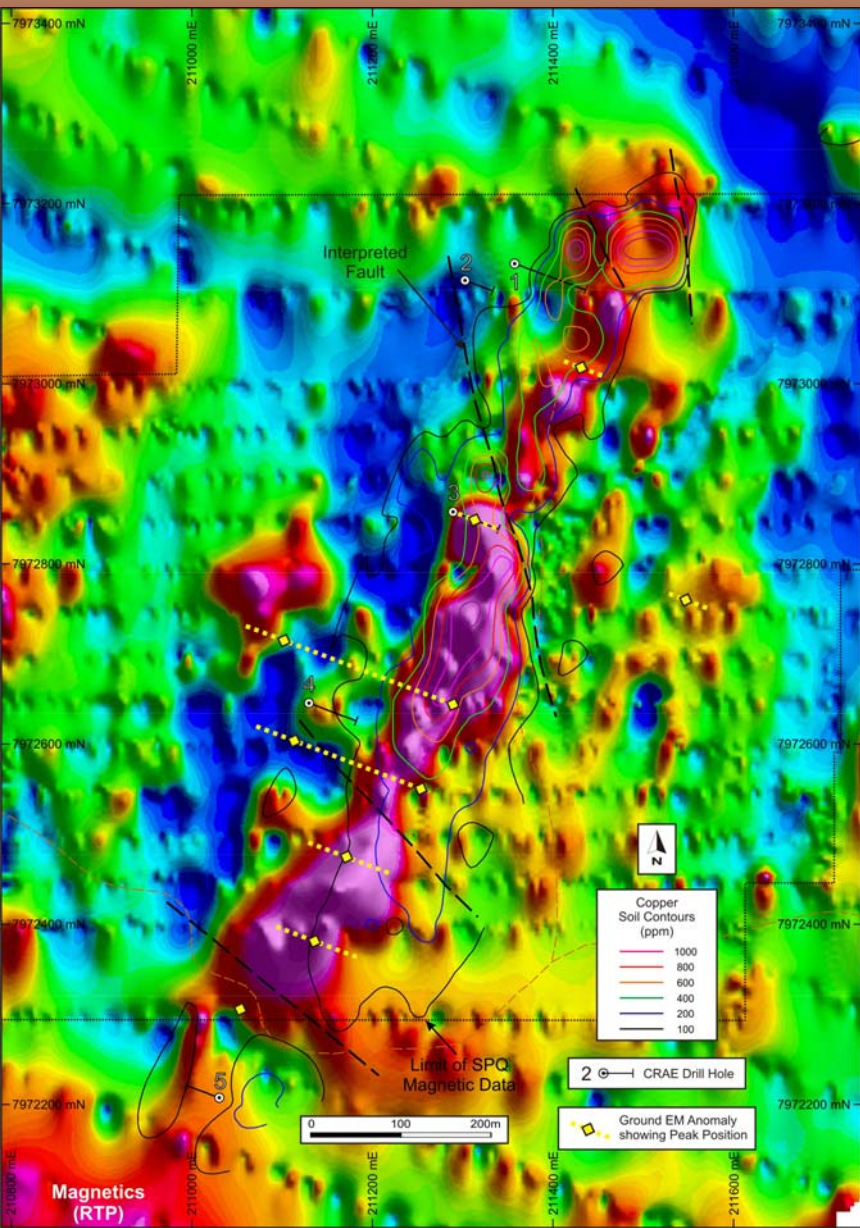
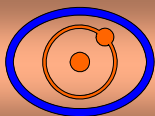




# Soil Copper Image

- Moderate-order copper anomaly
- Gossan rock samples contain high copper values





## Ground Magnetic Image (RTP)

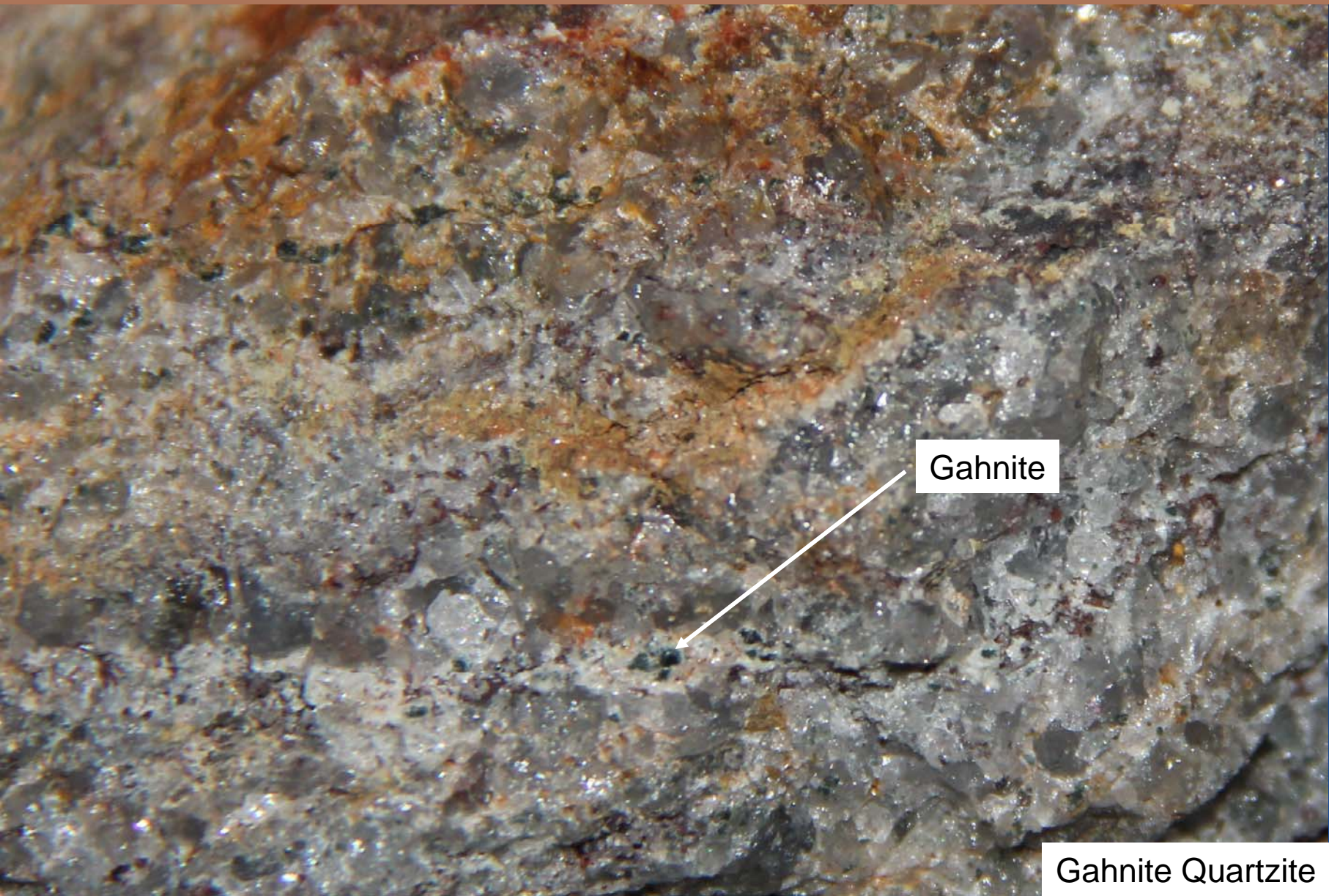
- Magnetic anomaly consistent with copper anomaly
- Southern part of magnetic anomaly may indicate a southern plunging shoot of mineralisation
- Ground EM anomalies support southern part of magnetic anomaly





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# Riesling Central Prospect



Gahnite

Gahnite Quartzite





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# Riesling Central Prospect



Bare Area on Copper-Zinc Anomaly





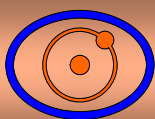
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# Riesling Central Prospect



Bare Area on Copper-Zinc Anomaly





Superior Resources Limited

# Riesling Central Prospect



Gossan in Copper-Zinc Anomaly





Gossan in Copper-Zinc Anomaly





High-Grade Lead Gossan





## One Mile

Substantial massive sulphide body indicating VMS potential of area.  
A number of geophysical targets in area surrounding the sulphide body.  
Target is high grade copper in a VMS deposit.

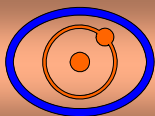
## Cockie Creek

Existing inferred resource of 13Mt @ 0.42% copper in wide copper zone.  
Good potential for higher grade copper at depth below the resource.  
Good potential for additional copper mineralisation along strike to south and associated with other soil anomalies.

## Riesling

Six kilometre strike of quartz gahnite (zinc spinel) lode zone with lead to 29%.  
High order copper-lead-zinc soil and rock-chip anomalies  
Good support in ground magnetics and ground EM.  
Potential for either Broken Hill type deposit or VMS deposit.

**Superior has a strong position in an area with excellent potential for a significant discovery**



Superior Resources Limited

**Greenvale Project**

*Thank You*