



17 June 2014

Australian Copper Conference

Attached is a presentation to be delivered by Investigator Resources (ASX: IVR) Managing Director Mr John Anderson at the Australian Institute of Geoscientists Conference in Brisbane on 17 June 2014.

The presentation includes the company's new drilling program following the completion of the successful \$2 million capital raising.

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A silver crown to a new copper realm in South Australia

Hunting for volcanos & porphyry copper across Eyre Peninsula

Australian Copper Conference
Brisbane - 17th June 2014





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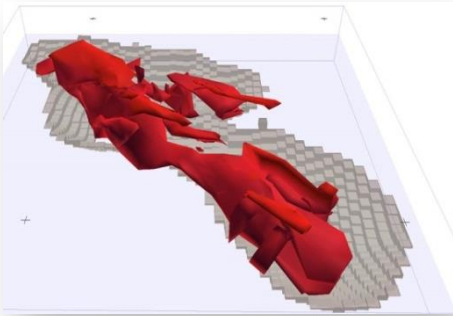
Competent Person Statement

The information in this presentation relating to exploration results is based on information compiled by Mr. John Anderson who is a full time employee of the company. Mr. Anderson is a member of the Australasian Institute of Mining and Metallurgy. Mr. Anderson has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Anderson consents to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

The information in this presentation that relates to Mineral Resources Estimates at the Paris Project is extracted from the report entitled “Maiden Resource Estimate for Paris Silver Project, South Australia” dated 15 October 2013 and is available to view on the Company website www.investres.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement 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 market announcement.



Presentation Agenda



Corporate Overview

- Capital Structure; Board & Management
- IVR philosophy

Overview of the Paris silver project

- Maiden silver resource
- Subvolcanic epithermal breccia model
- Flow on silver targets

Concept of the Uno Province

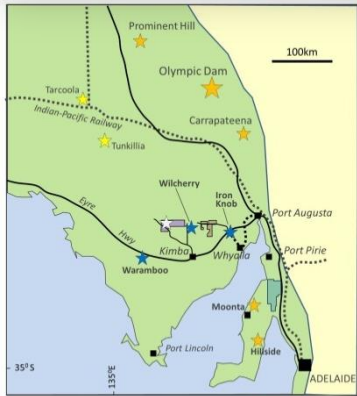
Porphyry copper potential

- Chilean examples of IOCG/porphyry connection
- Evidence in the Paris field
- Regional potential – Uno/Morgans field

Yorke Peninsula IOCG targets

2014 Drill Targets: 4 potential company-making target areas

1. Paris extensions (PETA) & satellite targets (*Helen/Diomedes/Hector*)
2. Adjacent Wilcherry field - *New Ajax targets*
3. New Uno/Morgans field - *Hurricane & Harvest prospects*
4. Yorke Peninsula - *Spyall IOCG target*



Corporate Overview

Capital Structure

ASX listed since 2007	IVR
Shares (ordinary)	388.4M
Options (listed)	52.3M
Options (unlisted)	9.9M
Share Price (16 th June 2014)	4.0c
Options Price (16 th June 2014)	1.2c
Market Cap (A\$m)	\$15.5M
Cash (31 March 2014)	\$2.02M*

**Capital raising in June added another \$2.0 million*

Share Register as at 16 June 2014

CITIC Australia (Since IPO 2007)	17.3%
Acorn Capital (Since 2011)	7.3%
Board & Management	2.7%
Top 20	41.4%
Total shareholders	3,544

Board & Management

Roger Marshall OBE	Chairman
Bruce Foy	Non Exec Director
David Jones	Non Exec Director
John Anderson	Managing Director
Garry Gill	Co. Secretary/CFO
Colin Skidmore	Paris Project Manager
Alex Thin	Commercial Manager

Core team including five geologists

Offices

Corporate - Toowong in Brisbane (Qld)
Operations - Norwood in Adelaide (SA)



IVR Philosophy: The Australian exploration challenge & opportunity

Australia is not exploration mature – shallow discoveries are still to be made

83m average cover depth for all metal discoveries in Australia over last 10 years (Canada 129m)*

What you look for & how you look, will determine what you will (not) find

Discovery reliance on Juniors is challenged by funding cycles

Australia - \$150m & 6 million metres of drilling per discovery for about 10% return*

Need advantages to improve the odds

- e.g. First comer to a new belt – knowing where to explore (IVR - *Uno Province*)
- e.g. “New” technology - knowing how to explore (IVR – *Regional soil geochemistry*)

Larger discoveries come early & cheaper in a greenfield belt’s history

Geological /geochemical stepchange opportunities - 40 years of geophysical reliance

Geology catchup – overdue remapping under new concepts (*e.g. Lincoln Complex*)

Nothing like mapping the geology & metal you are looking for (*e.g.s Paris, Uno/Morgans field*)

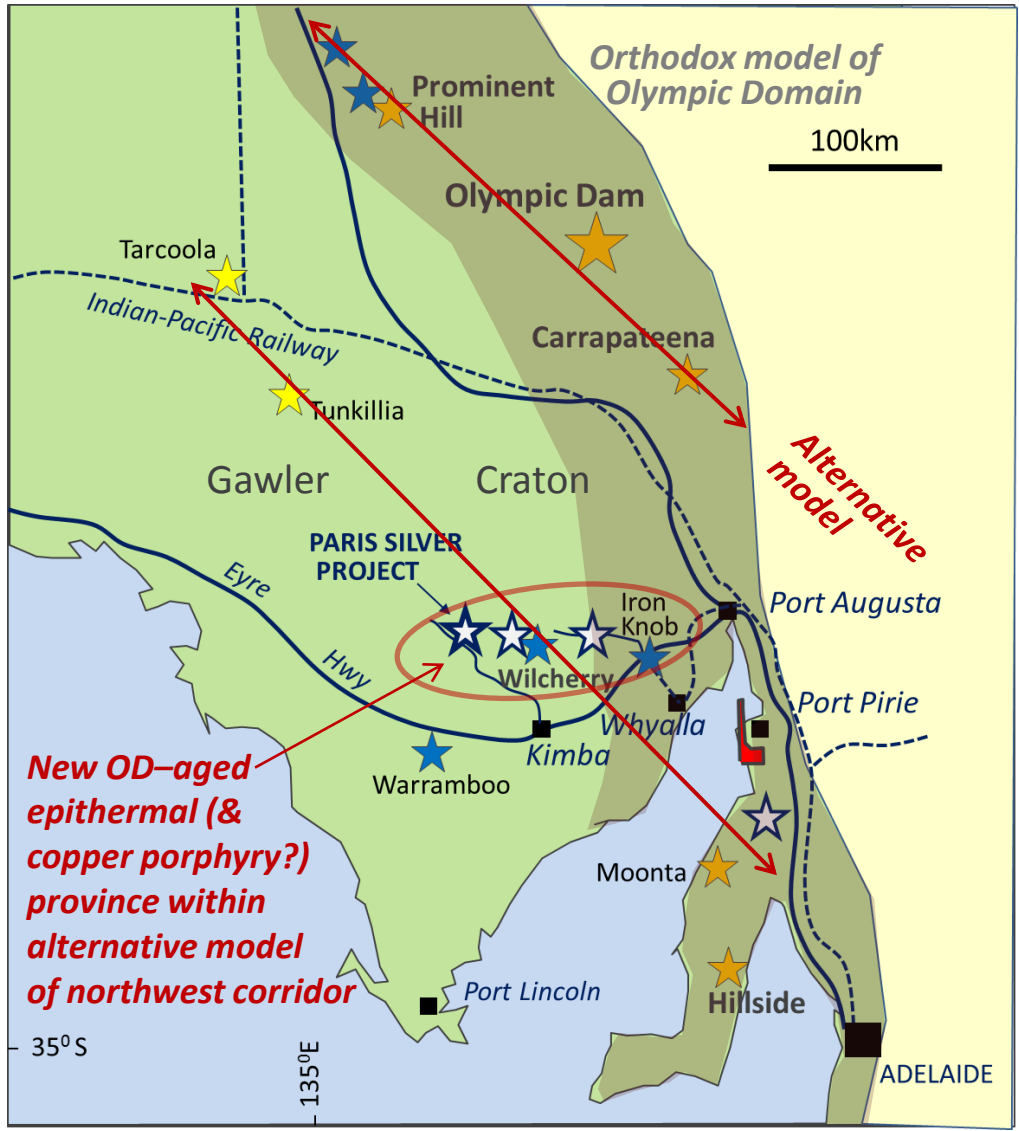
South Australia is still an exploration frontier with a growing copper pedigree, high-grade styles (cf. decreasing 0.65% Cu global average) & first world development rates

The Paris silver discovery is only the start of a new province with multiple fields & porphyry copper potential

*Source: Richard Schodde, Minex Consulting
UNCOVER Summit, Adelaide March 2014



Project Overview: Well-located projects in a world-class mineral belt



★ **Key IVR projects in the southern Gawler Craton of South Australia**
 An easier-to-explore option for Olympic Dam (OD) aged deposits

A pro-mining & well-regarded jurisdiction with an expanding copper pedigree:

- 69% Australia's copper resources
- 30% Australia's copper production & exploration
- Country's three most significant copper discoveries since 2001
- First world, low risk, rapid development

Multiple shallow targets
 Near bitumen roads, infrastructure & other development projects

- ★ Copper mines & projects
- ★ Gold prospects
- ★ Iron ore mines & projects
- 🏗️ Port Pirie smelter upgrade

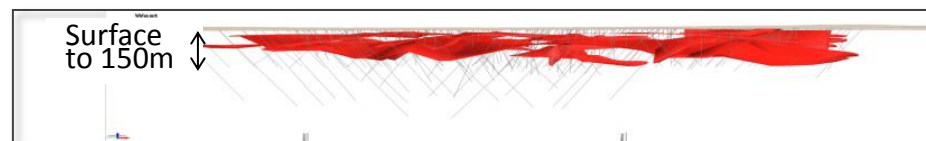
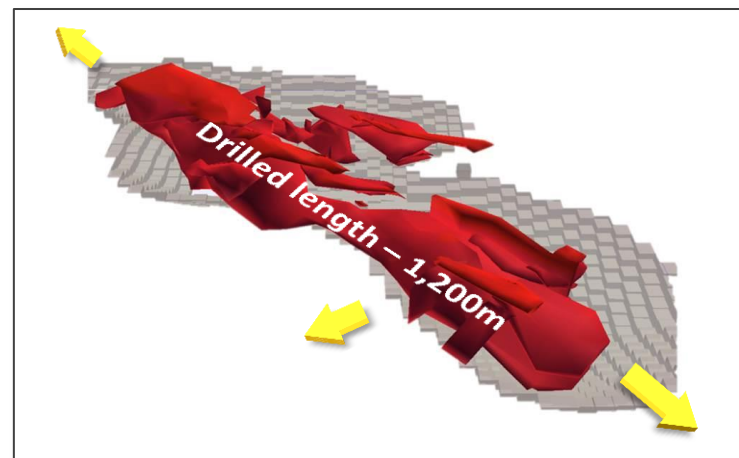
Paris silver project: Maiden Inferred Mineral Resource

Category	Tonnes	Grade	Contained silver	Grade	Contained Lead
Inferred	5.9Mt	110g/t Ag	20Moz	0.6% Pb	38kt

Based on a cut-off grade of 30g/t Ag














Five Key Points:

1. **The Grade** - 110g/t Ag grade is among the highest silver grades in Australia
2. **The Ounces** - 20Moz is just the start
3. **It's Shallow & Soft** - 5 to 150m from surface
4. **Preliminary Metallurgy** – positive recoveries indicate conventional pathways & optimisation potential
5. **High grade component** - About 30% of the resource tonnes contains 60% of the contained silver ounces



Paris lithologies & mineralisation styles: predominance of breccias



- Cover**
 -  Soil/gravel/saprolite
 -  Flow Banded / Layered Volcanic
 -  Granitic Volcanic Breccia
- Gawler Range Volcanic Suite**
 -  Hydrothermal breccia
 -  Polymictic Volcanic Breccia
 -  Discordant Sub-volcanic Breccia
 -  Graphitic Zone
 -  Iron-rich Zone
 -  Sulphide-rich Zone
 -  Granite intrusive (Hiltaba Suite)
- Unconformity** = *Palaeo-surface*
- Basement**
 -  Altered Dolomite
 -  Graphitic Metasediment
 -  Dolomite

HOSTS TO SILVER MINERALISATION



Paris subvolcanic model - new target style for South Australia

Paris Deposit Model Section:

- Flat-lying epithermal *breccia* deposit
- Around vent at the base of *altered volcanic pile*

Expected repetitions around Paris & in other fields in multiple volcanic centres along mineralising structures

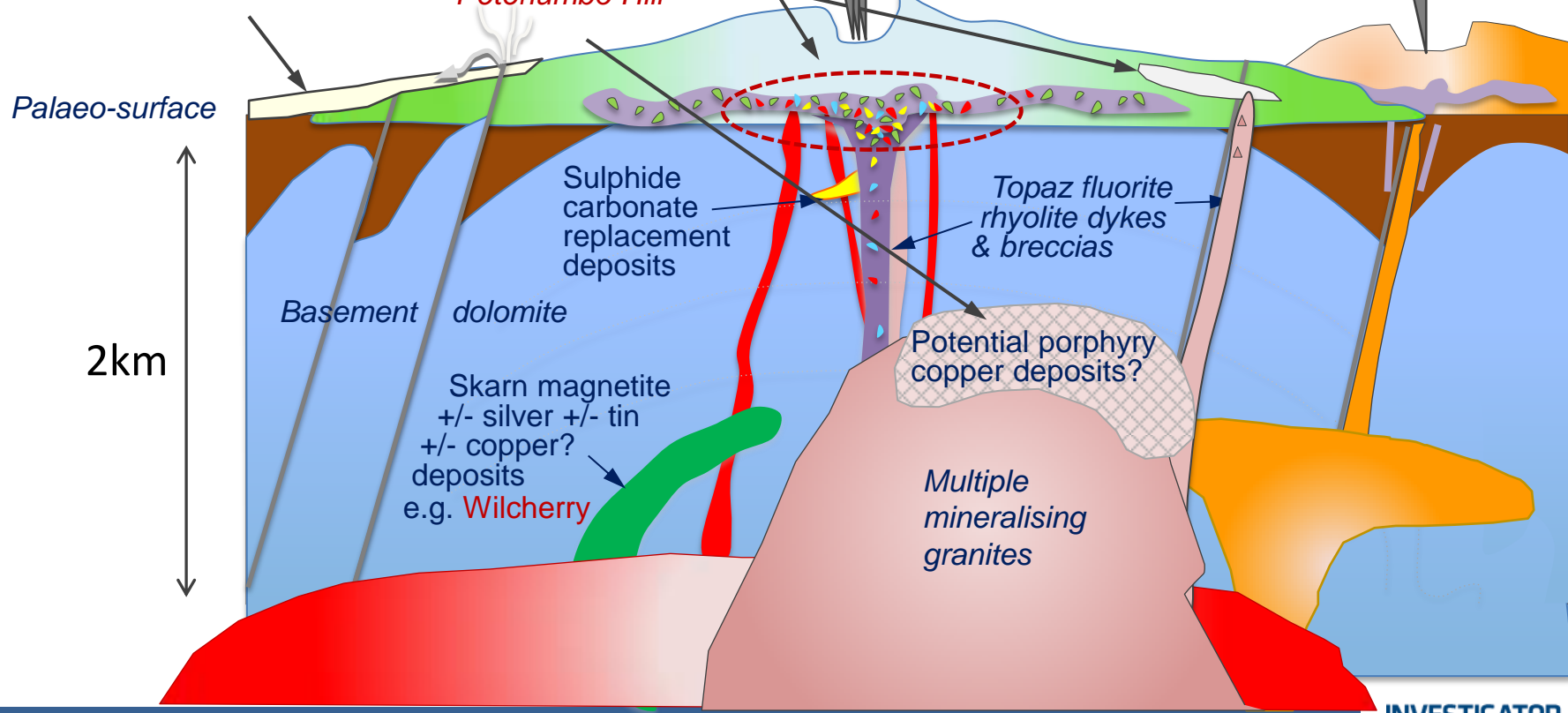
Explains:

Mixed early drill results in outlying targets e.g. **Alexander**
Lateral barren shoulder

Shows:

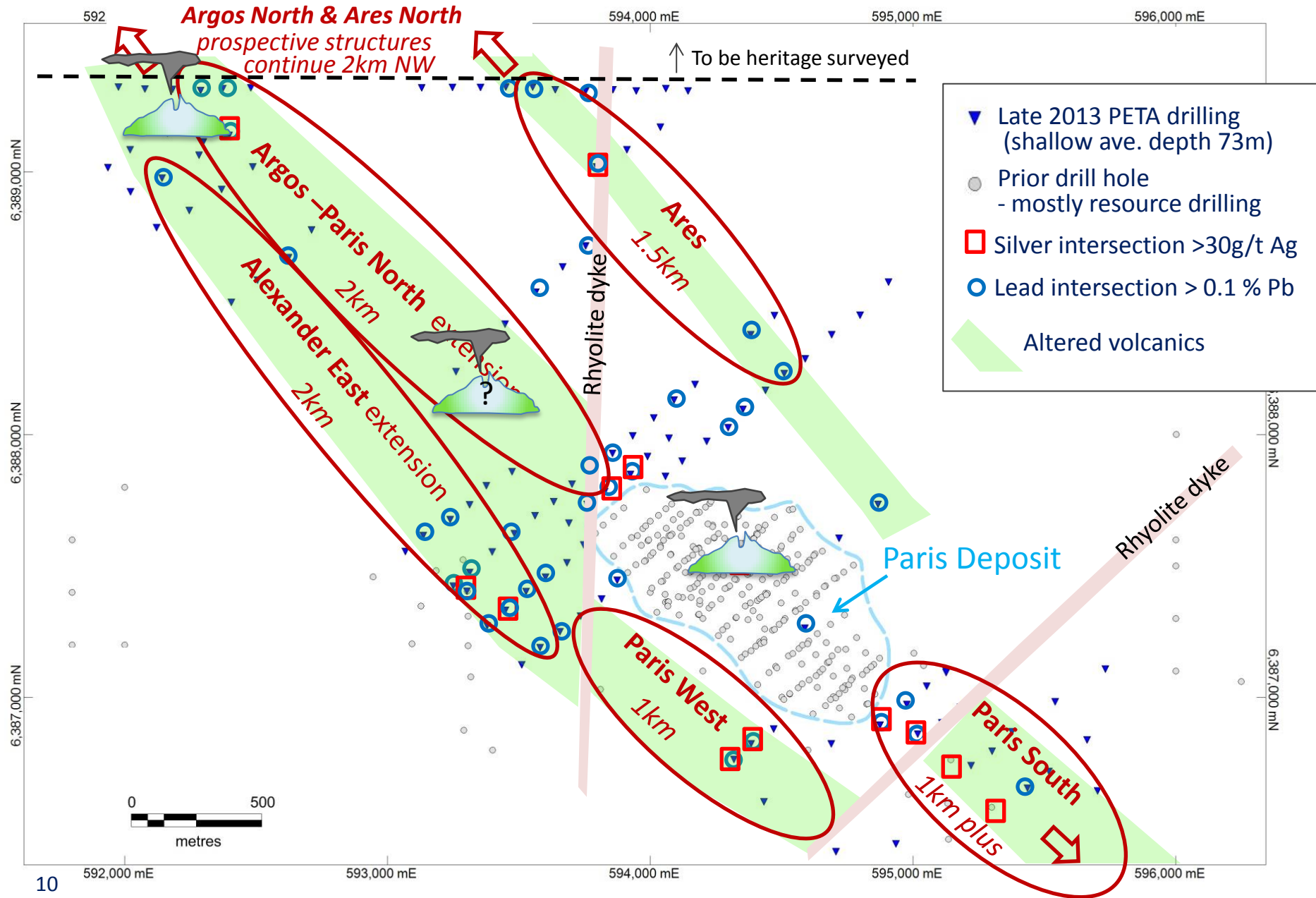
Porphyry copper potential e.g. **Nankivel** points to **Peterlumbo Hill**

e.g. **Helen/Diomedes**
Ajax
Uno/Morgans



1A. Immediate extensions to Paris (PETA):

Balance 2014: 8,700m RCP planned to test 8km strike extensions



Paris Satellite targets & Ajax - Refined Targeting Process

Argos North & Ares North
Structural extensions & breccias at south end

Alexander
Drilled:
Possible barren shoulder to Paris;
To be reviewed

Helen & Diomedes
Partially drilled
with Ag, Pb, Au hits;
2,700m drilling planned

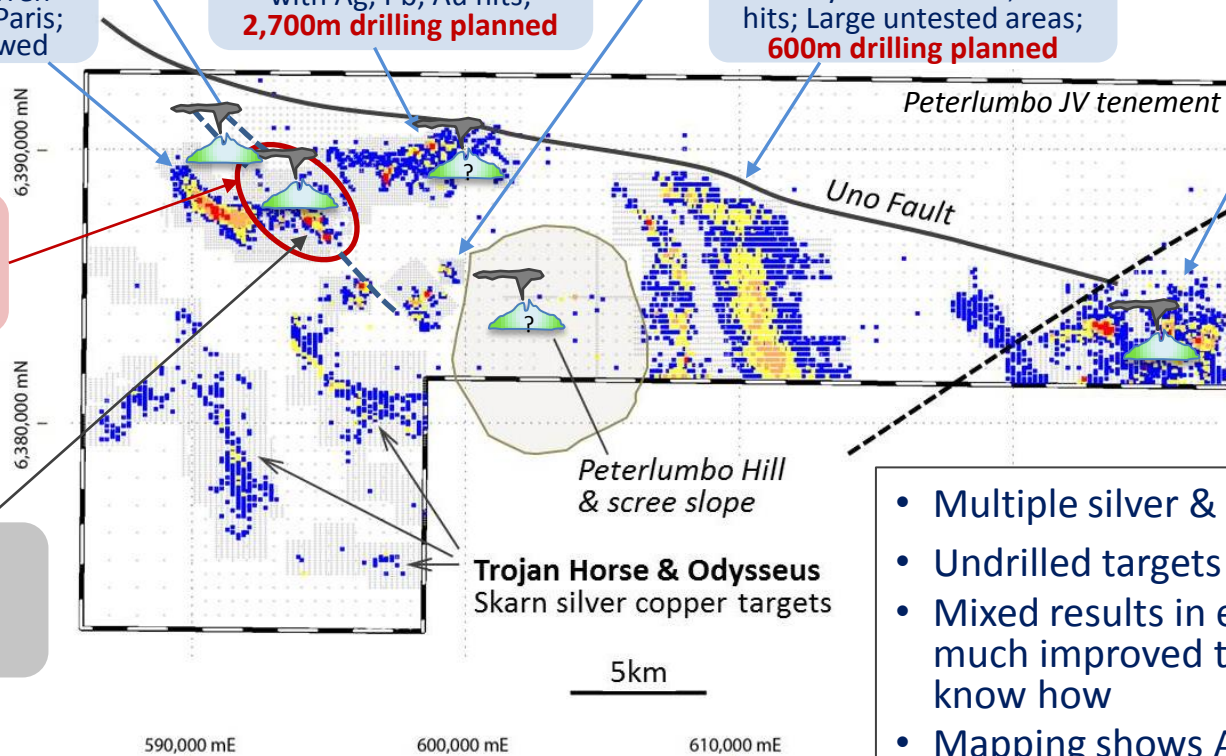
Nankivel Partially drilled; now inaccessible;
Possible barren shoulder to porphyry copper target under Peterlumbo Hill;

Hector
Partially scout drilled; weak hits; Large untested areas;
600m drilling planned

Ajax in adjacent Wilcherry field
Four undrilled high-order targets with Paris breccia geology
2,800m drilling planned

PETA
3,900m drilling planned

Paris
On-going studies



IVR soil geochem values
(Genalysis TL8)

■	Ag > 500ppb
●	Ag 200-500ppb
●	Ag 100-200ppb
●	Ag 50-100ppb
+	Ag < 50ppb

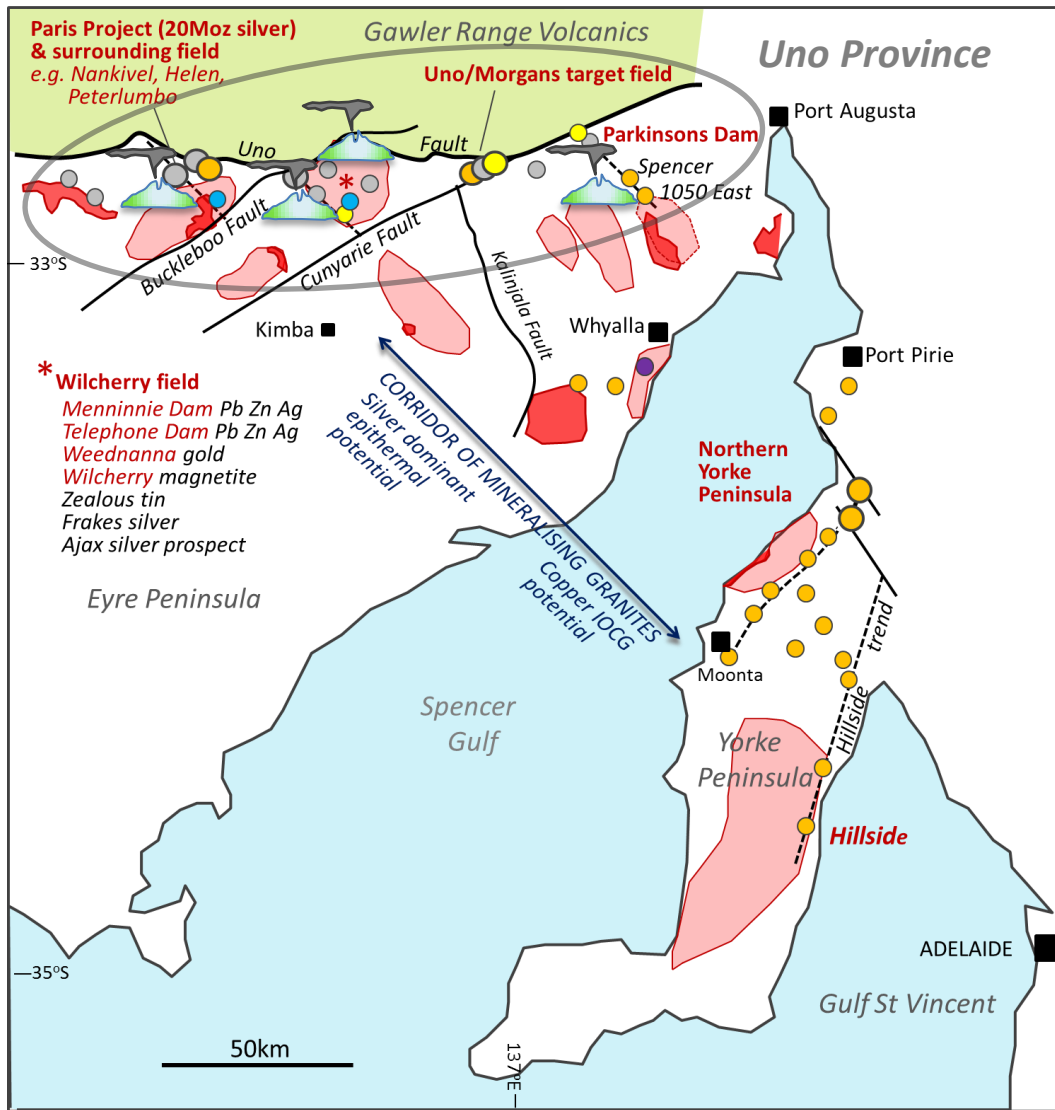
Menninnie Dam
Lead zinc silver
(Musgrave/Terramin)

Frakes silver discovery
Intersection: 10m @ 990g/t Ag
(Musgrave/Terramin)

- Multiple silver & copper targets
- Undrilled targets within 3-30km of Paris
- Mixed results in early scout drilling; Now much improved targeting with better know how
- Mapping shows Argos/Ares North; Helen Diomedes; Ajax are valid targets
- Heritage surveys approved access for drilling at Helen/Diomedes & Ajax; Heritage survey awaited at Argos/Ares North




Concept of the Uno Province: OD-aged epithermals & potential porphyries



Paris silver discovery confirms **new epithermal silver province with multi-metal & porphyry copper potential**

IVR is on a volcano hunt in the northern Eyre Peninsula



Investigator Targets

- silver
- gold
- copper

Other related deposits & prospects

- silver
- gold
- copper
- lead zinc
- magnetite
- uranium

Mineralising granites

-  Outcropping
-  Geophysical interpretation

Prospective structures & deposit trends

The Uno Province: new exciting & prospective aspects emerging

Showing multiple opportunities for further discoveries of diverse & globally significant deposit styles formed during the Olympic Dam mega-event:

- **Paris silver discovery in subvolcanic breccia at palaeo-surface**
 - Foundation 20Moz resource just the beginning
 - Prospective palaeo-surface is regionally extensive
- **Further flow-on silver lead copper gold potential**
 - Multiple targets & fields delineated by soil geochemistry & geological mapping
- **In at least five potential intrusive/epithermal fields** (IVR dominant in three fields)
 - Multiple prospective volcanic sites for new epithermal targets in outer zones
 - Skarn magnetite, lead zinc & tin prospects in intrusive cores
- **Fluorite “topaz” rhyolites in Paris field**
 - Adds conceptual silver, lead, tin, fluorite targets in volcanics & breccias
- **Setting is also prospective for porphyry systems underlying palaeo-surface**
 - Conceptual potential for copper +/- molybdenum +/- gold porphyry targets
 - Such porphyries now recognised by researchers as transitional with IOCG systems

Hence a silver crown to a new copper realm



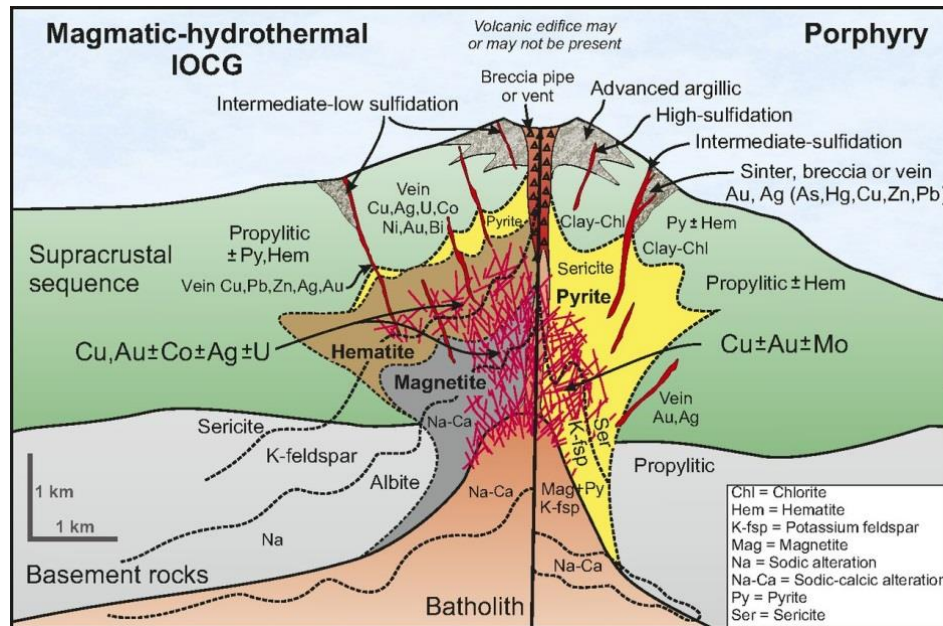
Chilean examples: Connection between IOCG & porphyry deposits

Recent research identifies transition between IOCG deposits & certain copper molybdenum gold porphyries

Chilean example of IOCG deposit in a porphyry belt:- Candelaria 470Mt @ 0.95% Cu

Hybrid deposit (“missing link”) described 2010 – Tropezon Cu Mo Au deposit

2013 paper describing common subvolcanic model



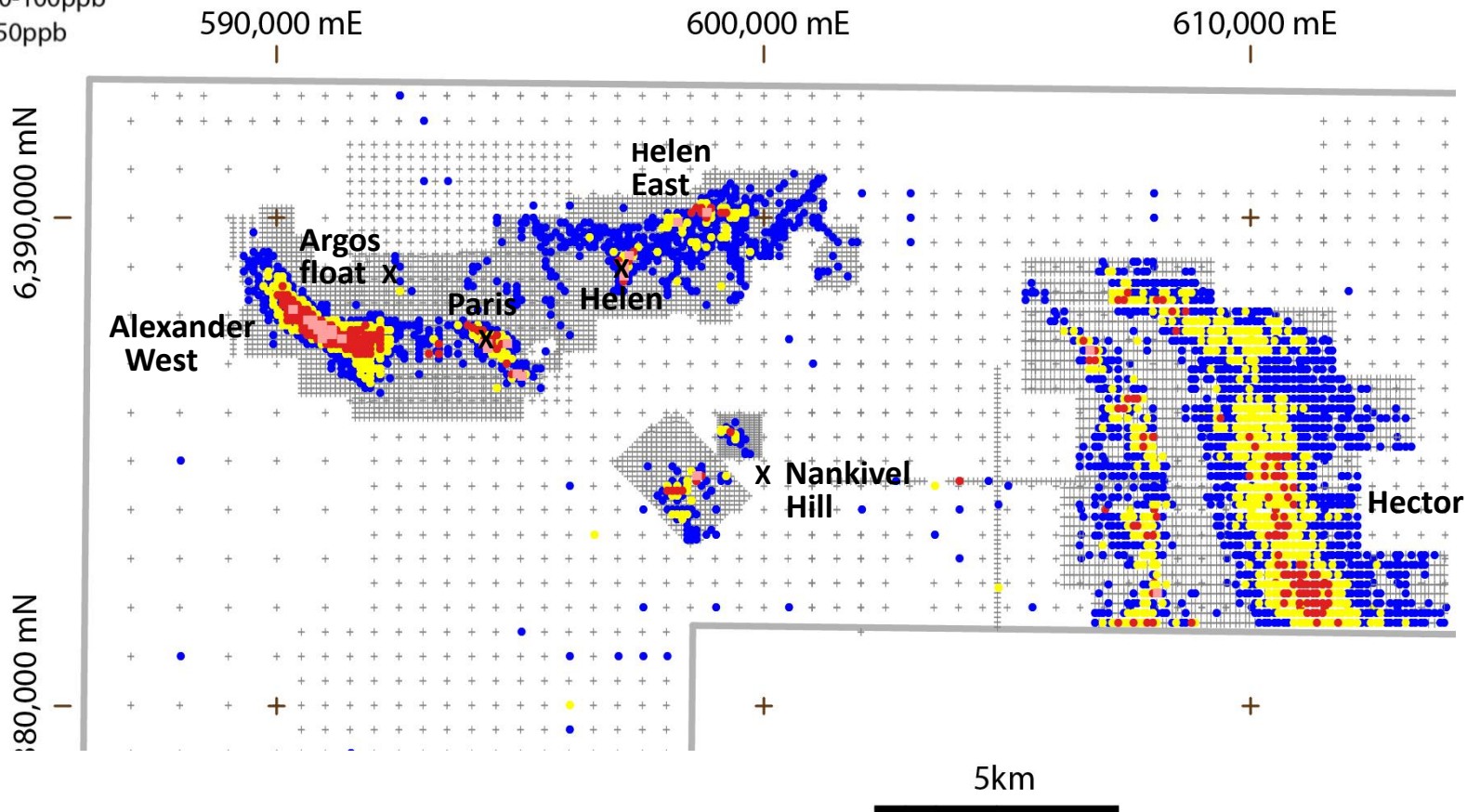
Paris field: The silver crown

Silver-in-soils plan

Genalysis TL8

- Ag > 500ppb
- Ag 200-500ppb
- Ag 100-200ppb
- Ag 50-100ppb
- + Ag < 50ppb

IVR's partial leach soil geochemistry is more effective for silver & Eyre Peninsula exploration than prior calcrete geochemistry applied by prior gold explorers



Paris field: The right rocks – intrusives, alteration for.....

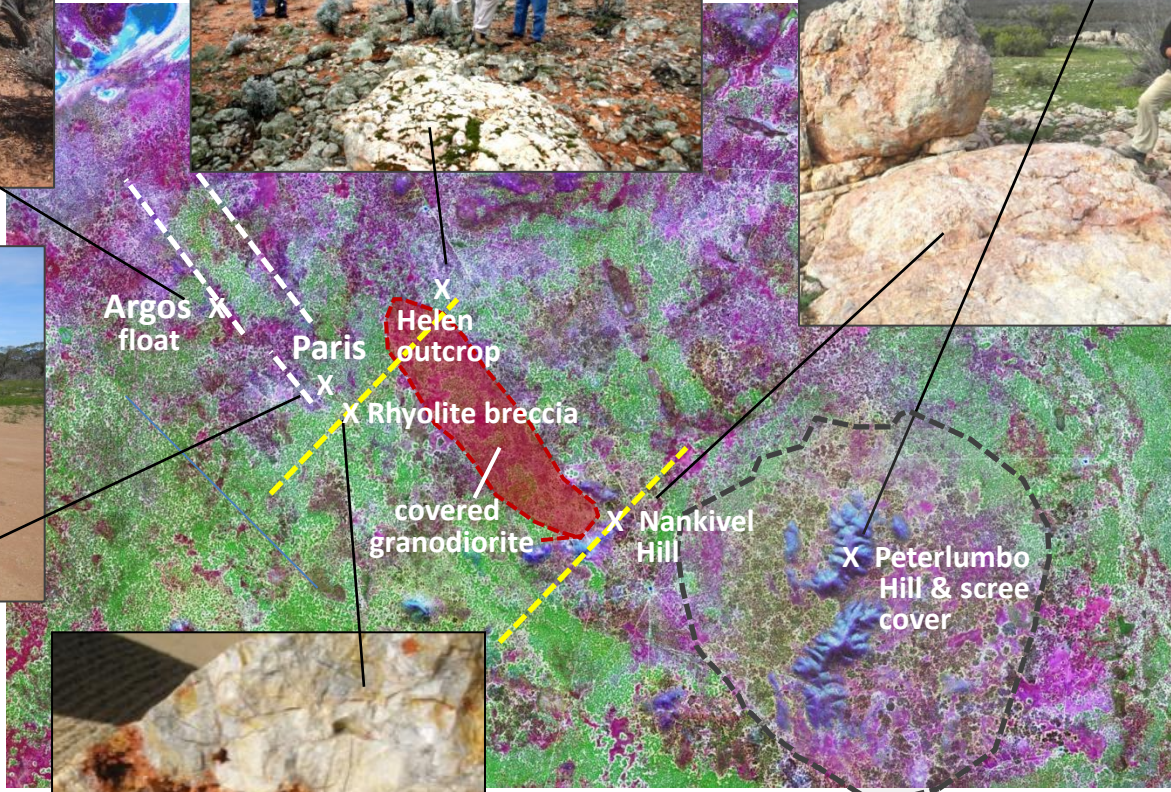
Argos float - 74g/t Ag



Helen outcrop – 170g/t Ag



Nankivel fluorite (topaz) alunite rhyolite breccia with Peterlumbo Hill in background



Paris subcrop – 24g/t Ag

Paris South rhyolite breccia – 13g/t Ag



5km

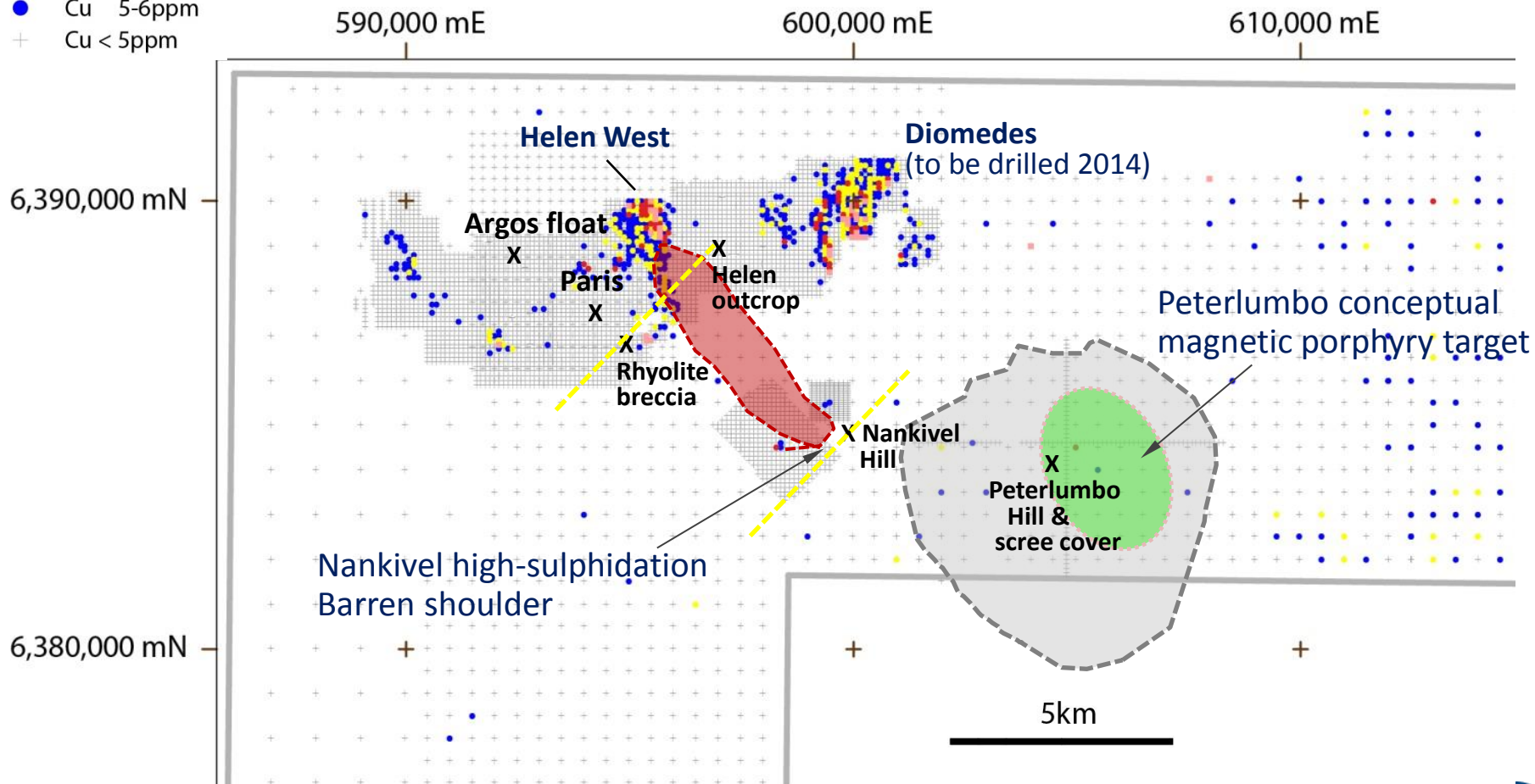
Hymapper spectral image showing prospective alteration signatures over Peterlumbo & Nankivel Hills

Paris field: Conceptual porphyry copper targets

Copper-in-soils plan

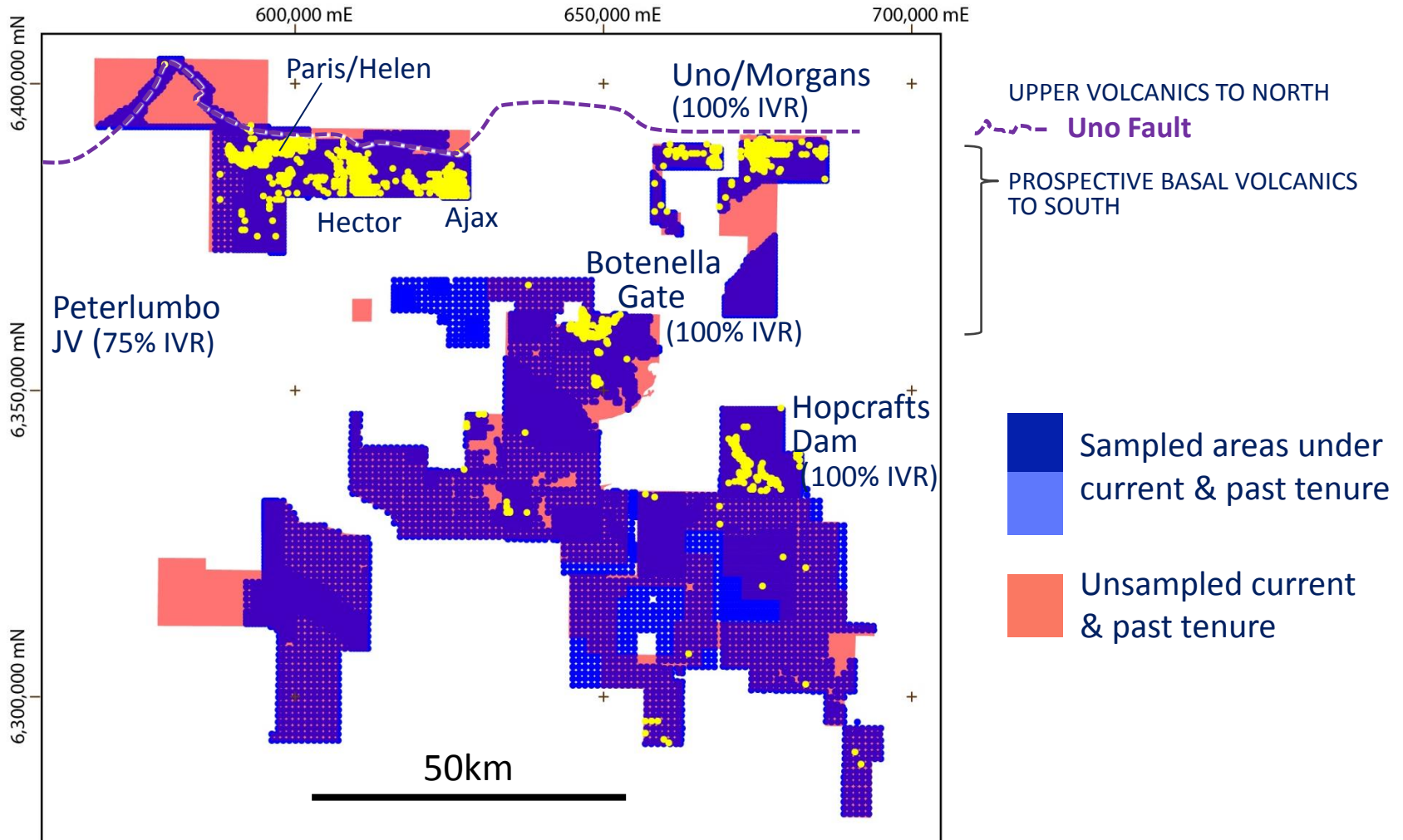
Genalysis TL8

- Cu > 8ppm
- Cu 7-8ppm
- Cu 6-7ppm
- Cu 5-6ppm
- Cu < 5ppm



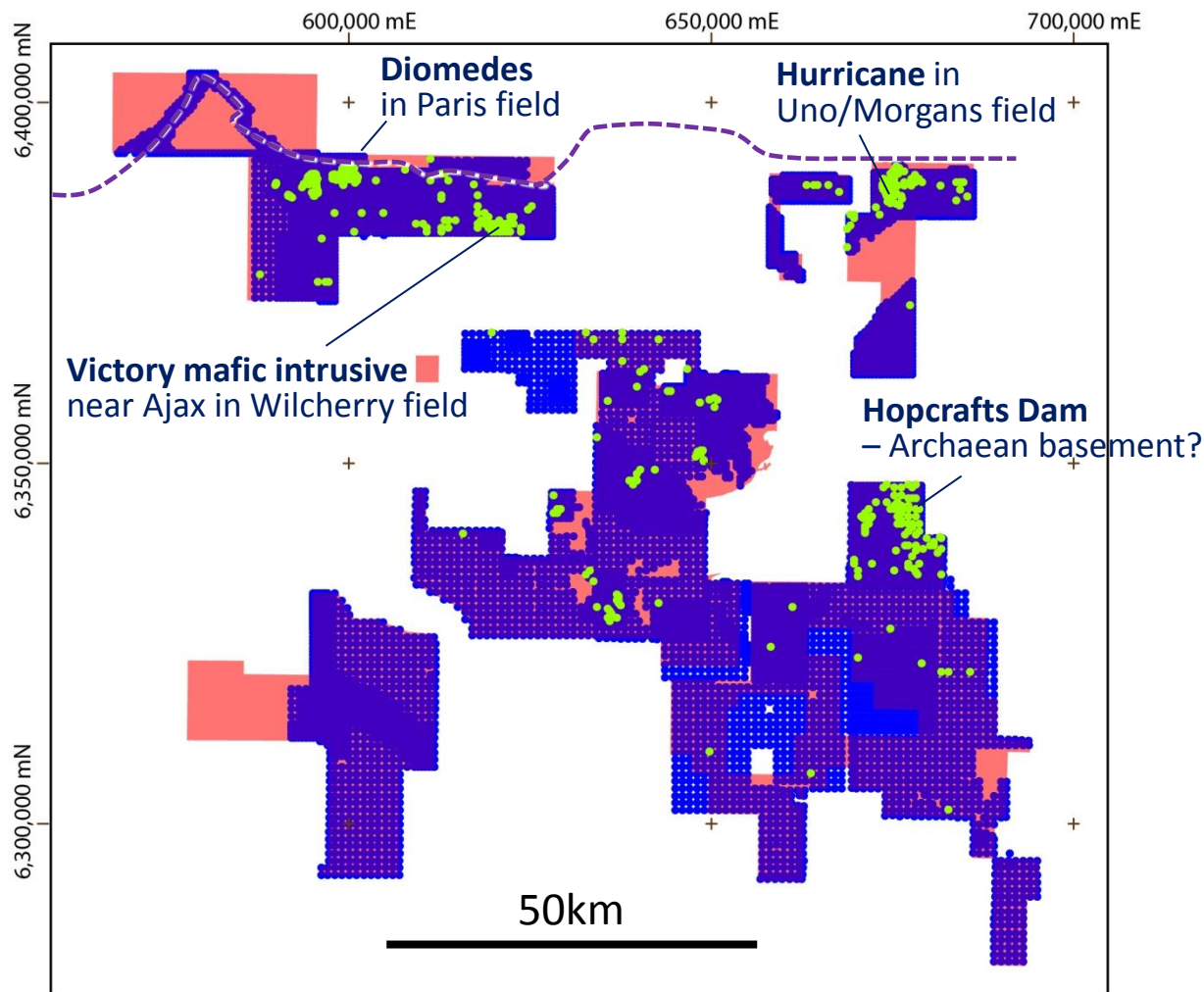
Regional potential: In-house soil geochemistry dataset

SILVER Anomalous silver-in-soil ● > 50ppb (parts per billion; Genalysis TL8)



Regional potential: In-house soil geochemistry dataset

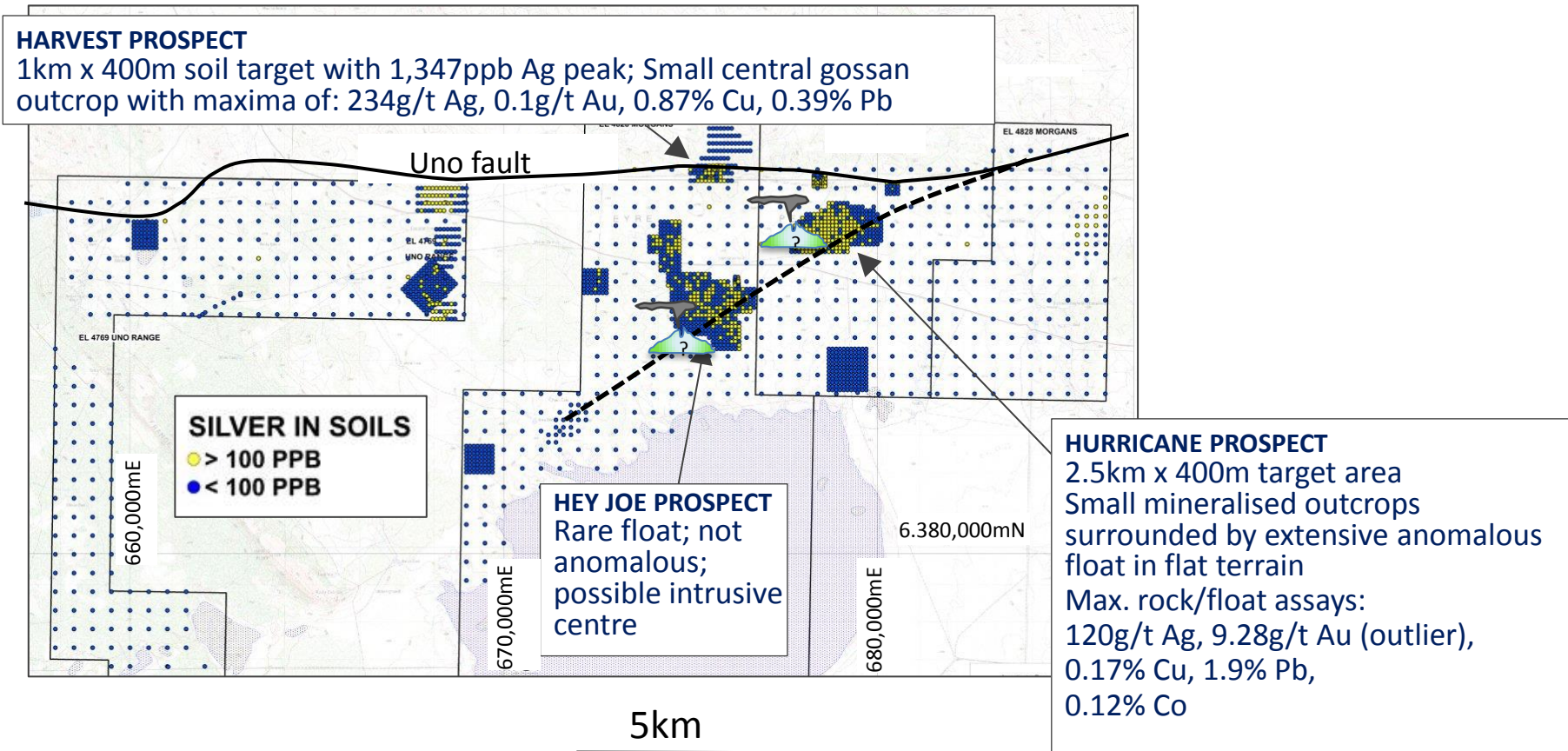
COPPER Anomalous copper-in-soil ● > 6ppm (parts per million; Genalysis TL8)



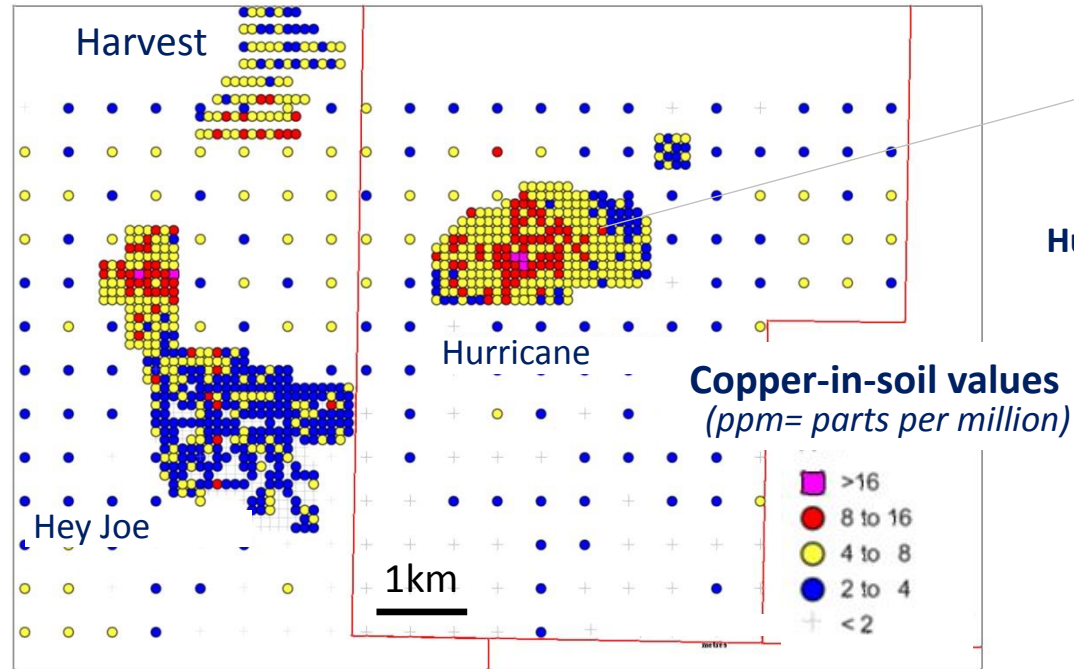
Uno/Morgans: Hurricane, Harvest & Hey Joe etc.

Large & undrilled silver & copper soil targets 85km east of Paris

- Followup finds unmapped subtle but exciting mineralised epithermal outcrops & float
- Rock chip assays return widely mineralised silver, lead, copper, cobalt; sporadic gold
- First detailed surveys in 20 years, undrilled and access approved for 3,000m of drilling



Uno/Morgans: Copper targets



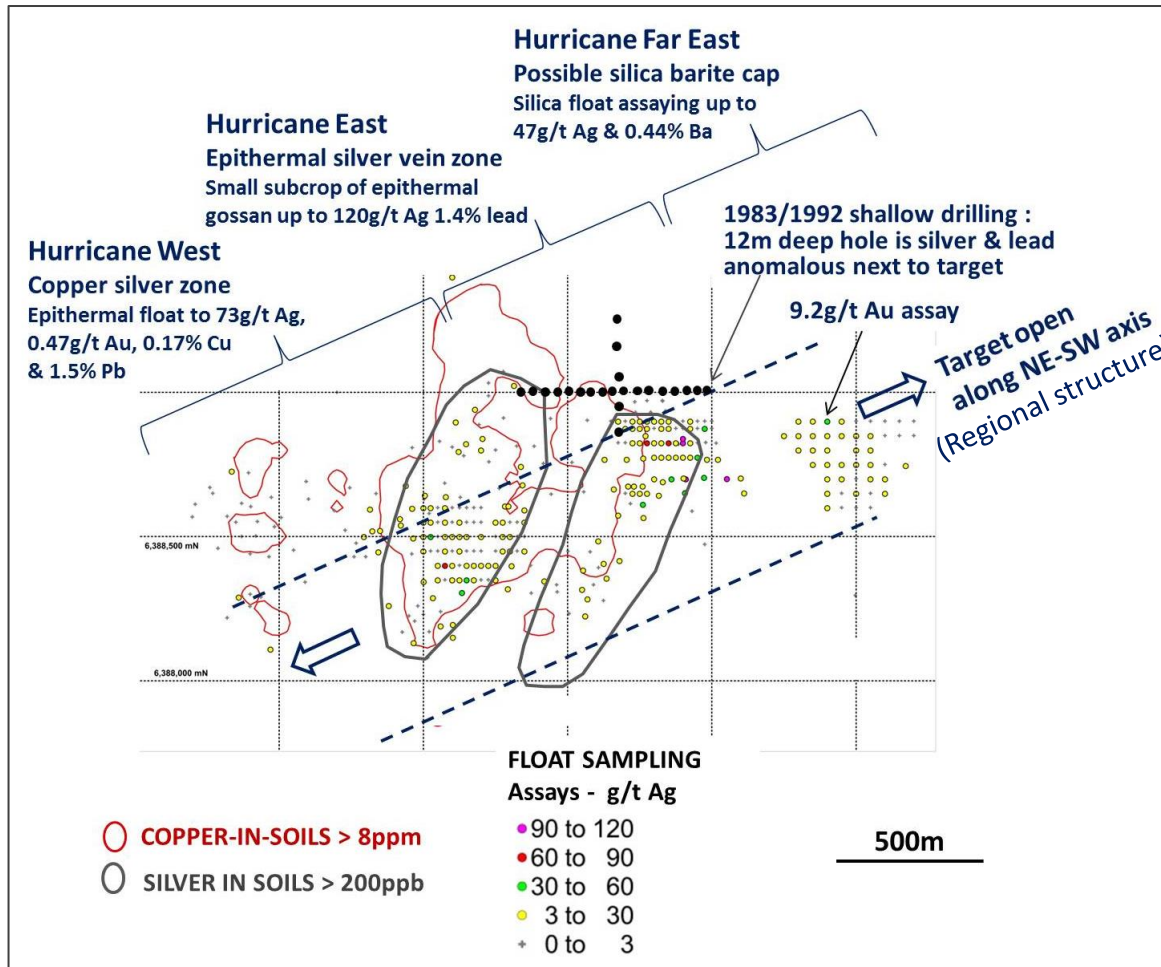
Hurricane – flat terrain with low outcrop & float



Hurricane – copper staining in epithermal quartz

Hurricane: a shallow, large & zoned target with subtle outcrops & float of epithermal Ag Cu Pb Co mineralisation

2.5km long, 400m wide & open either end; Sampling of scarce float around subtle outcrops of epithermal gossan shows zoned target from copper silver to silver lead to silver gold



Hurricane East - in-situ float

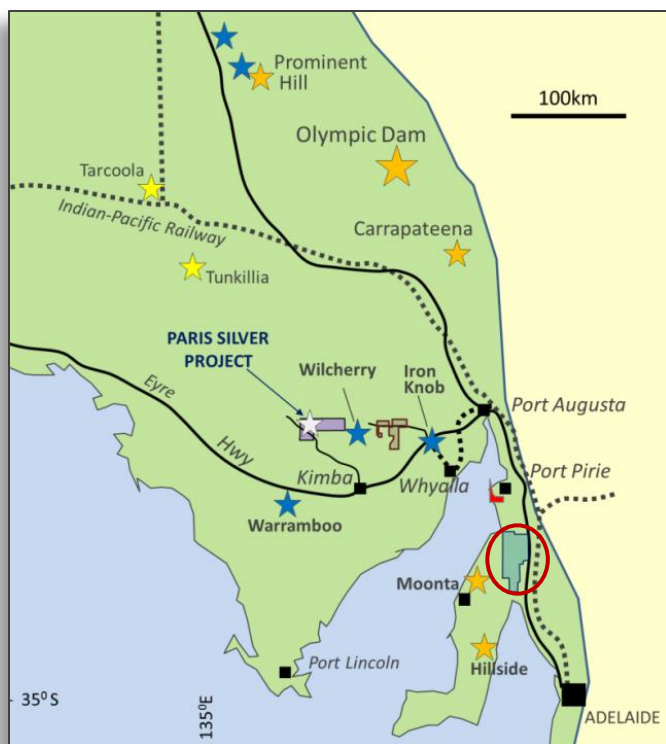


Hurricane Far East
– rare but mineralised float



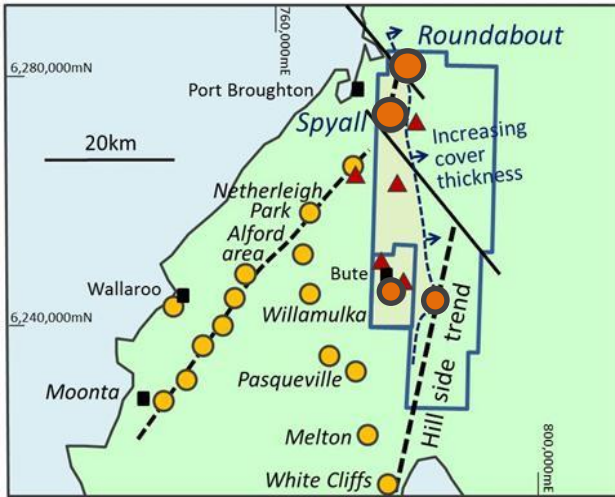
Yorke Peninsula: SA's Copper Home

- Extending know how & structural model from Eyre Peninsula to historic Moonta field
- Targeting IOCG copper gold on thinly-covered extensions to Hillside & Moonta trends
- Recently modelled geophysical targets at shallow depths (50-200m)
- Planned drilling (400m) of Spyall targets after access is negotiated to farmland

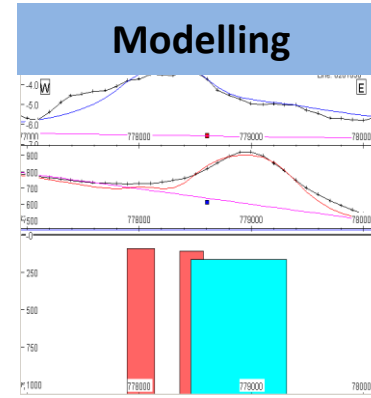
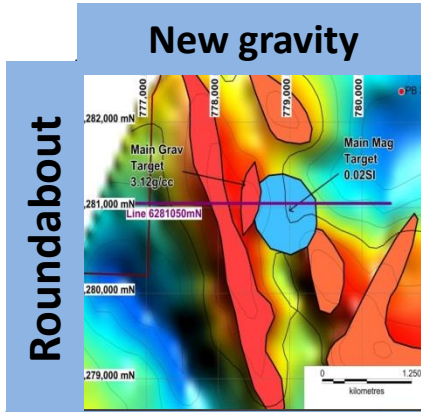


Roundabout & Spyall targets: Recent gravity & modelling

Shallow IOCG modelled targets under wheat fields at best regional position
 Nearest past drilling 4km away; 2 diamond holes of average 200m depth
 Planned to test Spyall



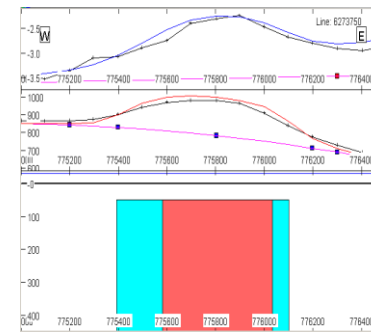
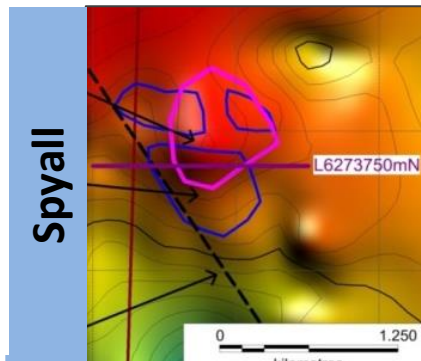
- Historic copper working or prospect
- Target basement less than 200m from surface
- ▲ Haematite and/or breccia in historic drilling
- IVR priority IOCG prospect
- Other IVR target



Interpretation

Gravity depth
125m below surface

Magnetic depth
200m



Interpretation

Gravity depth
50m

Magnetic depth
50m



Access requires negotiations to commence
 Soon around farming activities; IVR has a good record of accessing crops for drilling

Proposed first pass drill program: After \$2m fund raising

- **First pass drill testing of multiple targets in four potential company-making areas**
- **Approx. 13km of drilling planned over next 3 to 6 months commencing mid-July**

	Total Budget	
<i>Peterlumbo JV (IVR 75%)</i>	1 Paris Deposit On-going economic studies on Paris resource	\$200k
	1A Paris Expansion Target Area (PETA) 3,900m slimline RCP drilling planned for immediate extensions to Paris deposit (Heritage access approved)	\$450k
	1B Paris Satellite Targets 3,300m drilling planned for Helen, Diomedes & Hector (Heritage access approved)	\$380k
	2 Ajax Silver targets 2,800m drilling planned at Ajax 1 – 4 targets (Heritage access approved)	\$325k
<i>IVR 100%</i>	3 Uno/Morgans field (silver copper cobalt) 3,000m drilling planned at Hurricane/Harvest/Hey Joe targets (Heritage access approved)	\$350k
	4 Northern Yorke Peninsula (copper gold) Diamond drilling 400m at Spyall (Farmland access to be negotiated)	\$180k



Conclusion: Investigator - a quality resource opportunity

Maintaining the momentum to build on the Paris resource and realise IVR's potential to grow into the next upturn

Rights Issue raised \$2m funding for:

2014 drilling of all four areas using cheaper drilling technique

Drill-ready with most access approved

Fifteen flow-on targets & porphyry Cu potential

Company-maker potential in four key project areas

IVR advantages - Ground, Data, Know How

Foundation silver resource with competitive attributes

New target style in a world-class mineral belt

First movers in an emerging province with a premier location & jurisdiction

Considerable leap in know how, results & multi-target potential over past 10 months

