



Investigator Resources Limited

ASX Code: **IVR**

A fresh Australian silver opportunity
with significant upside

Presentation:

John Anderson – Managing Director

Precious Metals Summit

Hong Kong

25 January 2013



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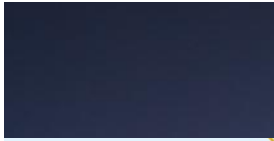
Investigator Resources Ltd (IVR)

Successful Junior Minerals Explorer

- Expert team with stable strong mining Board & history of discovery
- Focus on discovering precious & copper deposits of Olympic Dam age in the **southern Gawler Craton** of South Australia
- Using strengths, innovative ideas & technologies to become first movers & exploration leaders in revitalising the region

Developed a genuine pipeline of exciting new prospects

- Underpinned by the greenfields ***Paris silver discovery***, being drilled towards a resource estimate to transition IVR to a producer
- Multiple satellite silver targets (e.g. ***Alexander, Helen, Trojan Horse***) & porphyry copper potential in the newly-recognised **Peterlumbo epithermal field** surrounding Paris
- Using successful regional approach to generate other new fields under thin cover at ***Botenella Gate & Hopcrafts Dam***
- Reinvigorating iron oxide copper gold exploration on Yorke Peninsula headed by the ***Roundabout copper target***





Corporate Details

ASX-listed (IVR) in April 2007

Capital Structure at 21st January 2013:

Total shares on issue	335,656,687
• CITIC Australia Pty Ltd	67,097,772 (19.99%)
• Acorn Capital	16,893,865 (5.03%)

Top 20 shareholders 43.05%

Total shareholders 3,802

Capitalised c. \$50m @ 15.0c share (at 21st January 2013)

Cash at bank - \$13.2m (at 31st December 2012)





Strong stable Board since inception in 2007

Roger Marshall OBE Chairman
(former Deputy Chair - McArthur Coal)

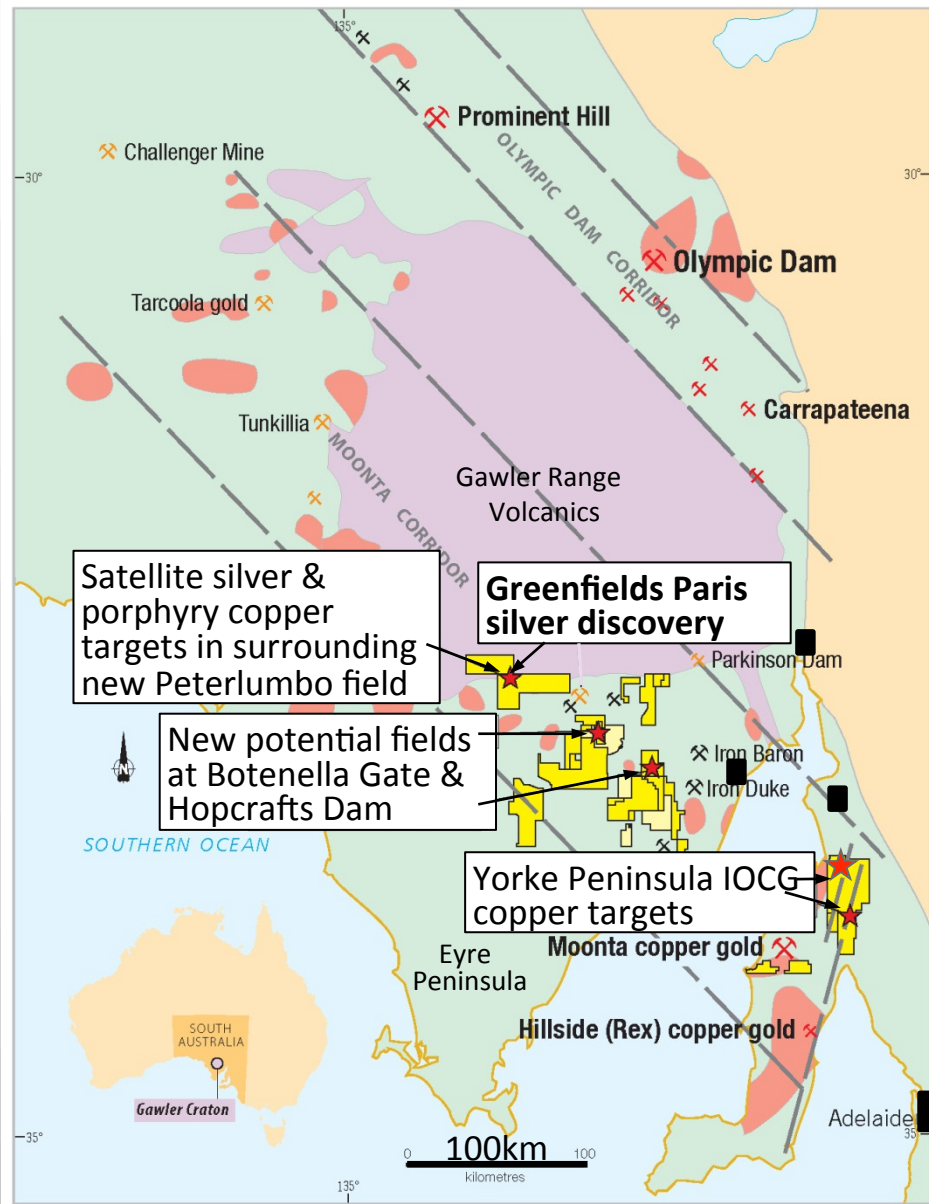
Bruce Foy
*(Chairman – NSW State Water Corporation;
former Managing Director - ING Bank NV Australia)*




David Jones
(former Chief Geologist - Newmont Australia)

John Anderson Managing Director
(former GM Exploration Australia - MIM)

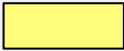
Garry Gill Company Secretary





-  IOCGU mine or deposits
-  Gold deposit
-  Iron ore mine or deposit

IVR offers

- Exploration leader in resurging southern Gawler Craton
- **Dominant ground position** 
- **New ideas & approach** demonstrated by Paris silver discovery

Key IVR exploration projects

Pipeline of targets for a spectrum of deposit styles of Olympic Dam age

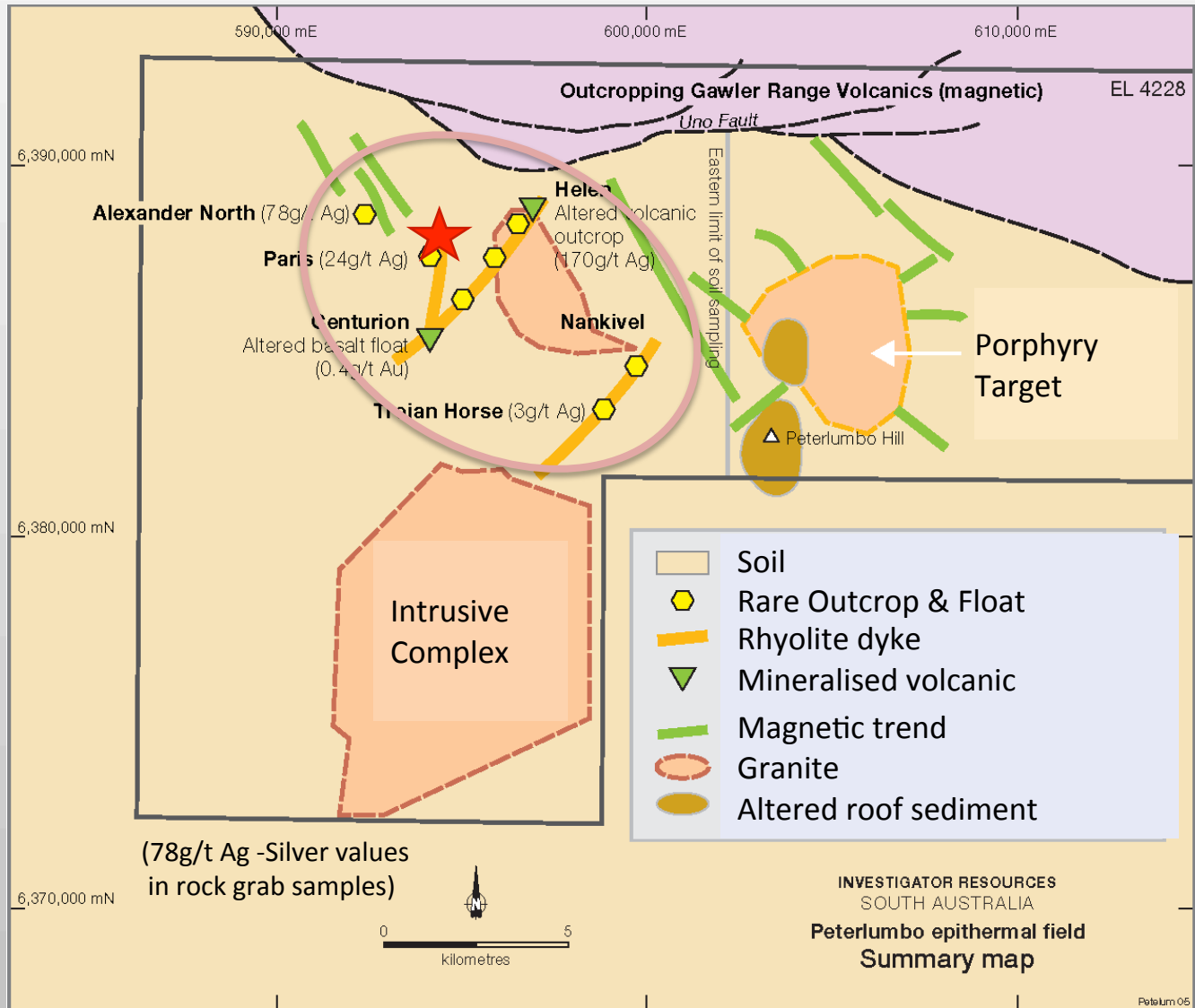
Well located to infrastructure



Greenfields Paris discovery ★ within new Peterlumbo field

Large new field offers potential for shallow epithermal & porphyry targets

Geology Plan – western end of JV tenement (IVR 75%)



New epithermal field interpreted by scattered indicators through thin cover



Nankivel rhyolite breccia



Helen silver-rich outcrop



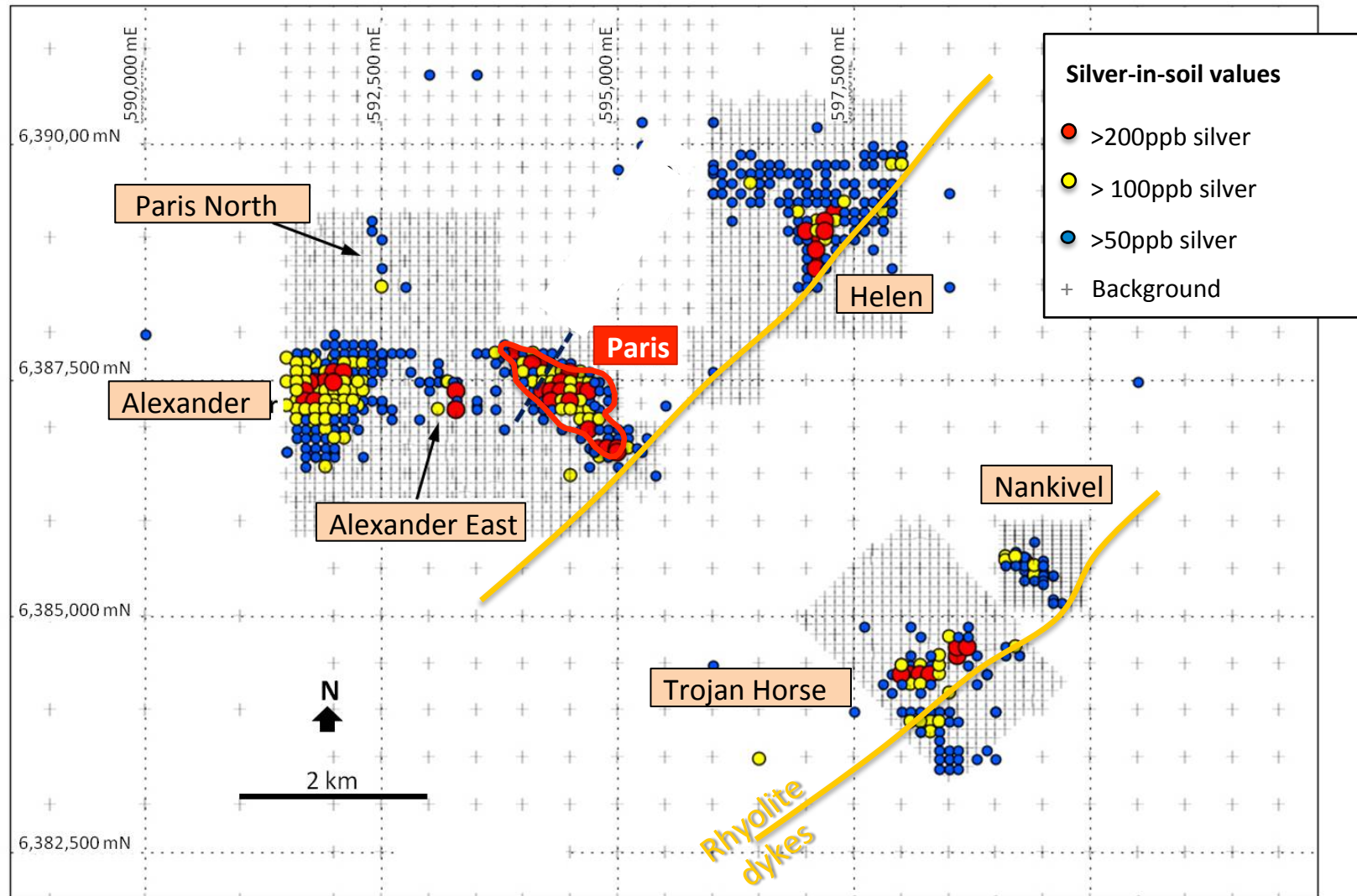
Paris scout drilling of soil target



IVR 6

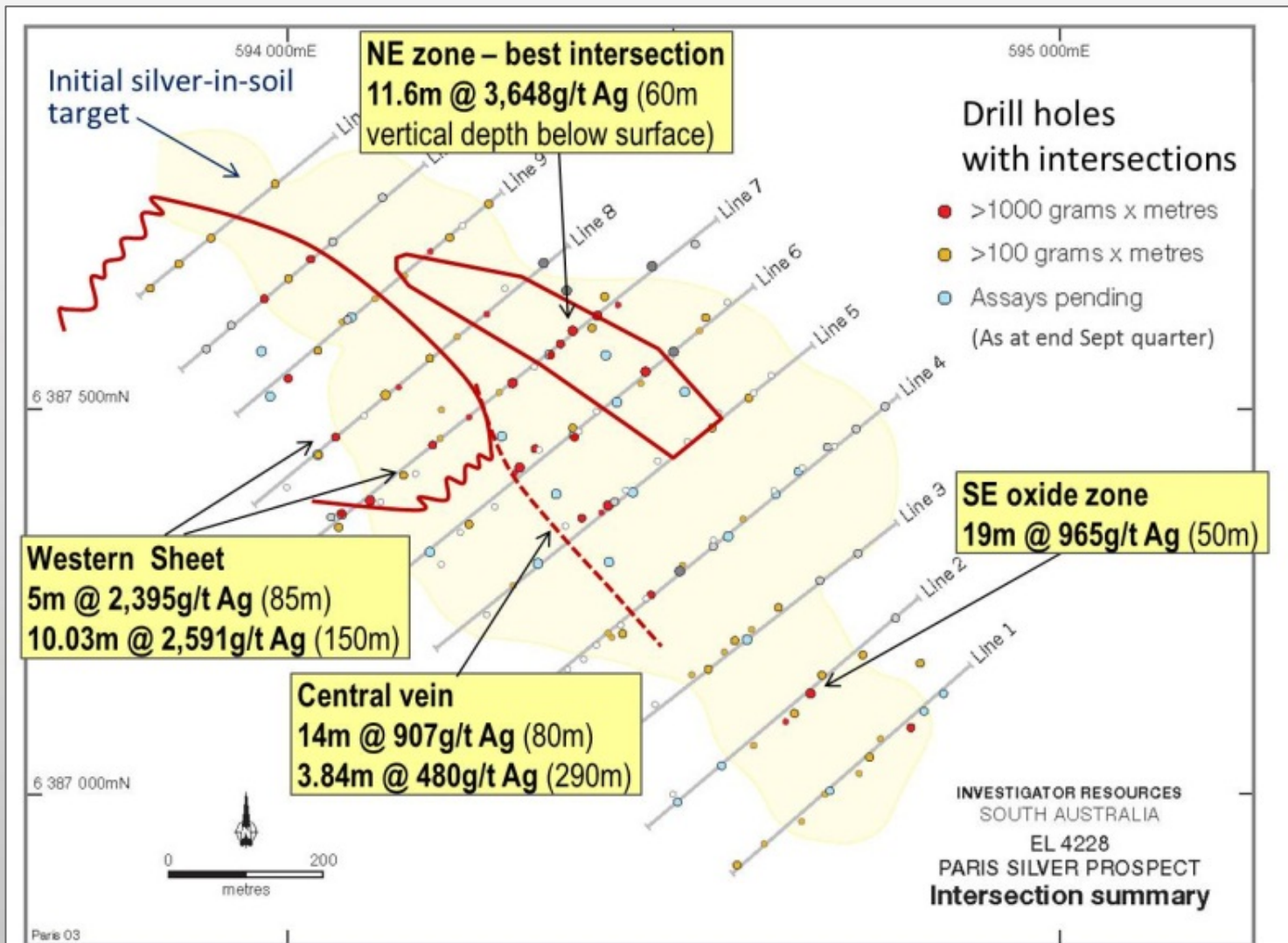
Paris silver discovery through thin cover by modern soil geochemistry

Surrounding satellite targets in new epithermal field



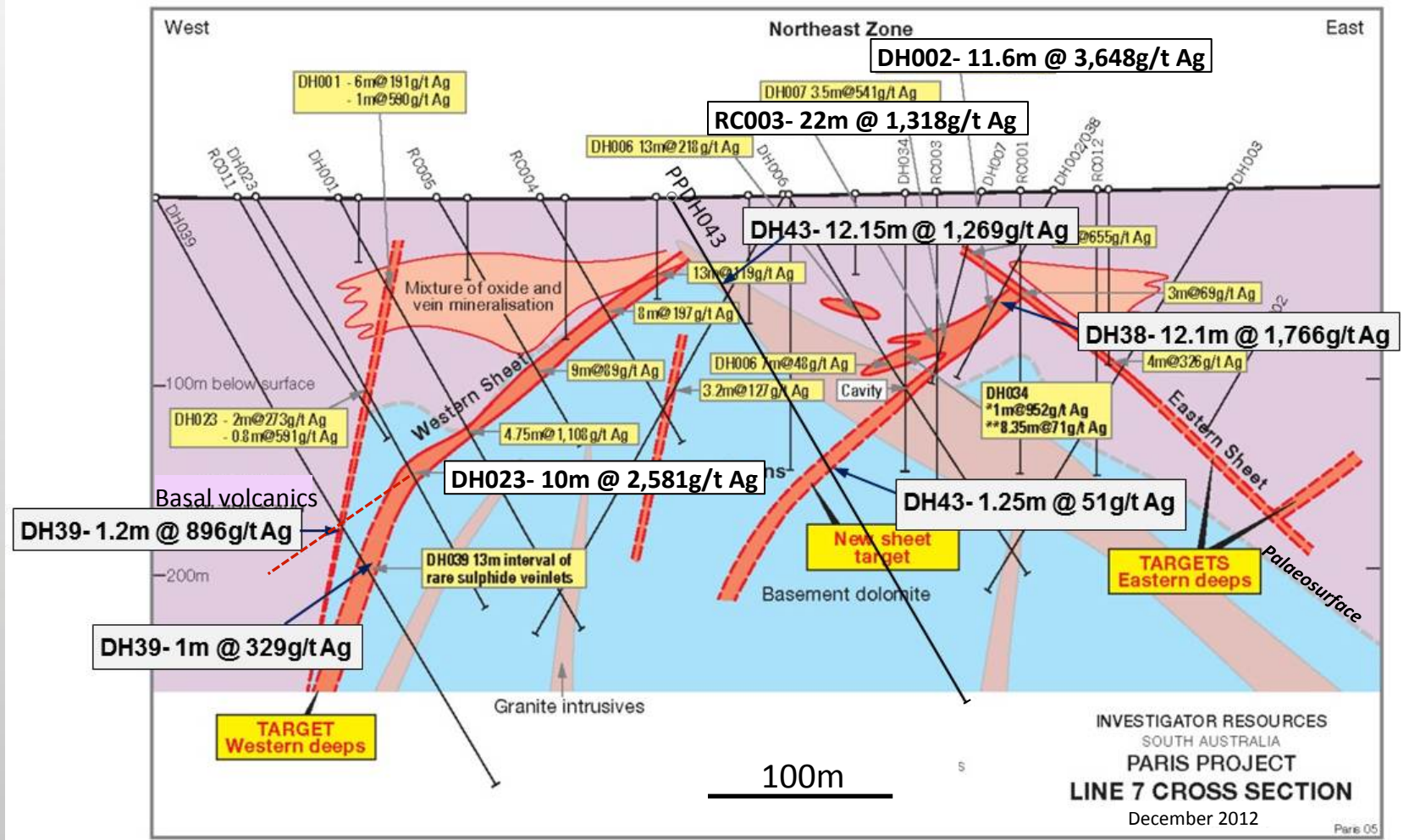
Paris drilling plan

- 69 Aircore holes (4,600m); 64 RCP holes (9,326m); 51+ Diamond holes (9,700m)
- Many shallow high-grade silver intersections
- Initial target zones shown in red



Cross Section near middle of Paris prospect

- Multiple target structures & widespread high-grade silver intersections
- Best mineralisation at base of volcanic pile
- Geological setting & mineralogy consistent with prospective epithermal deposit



surface

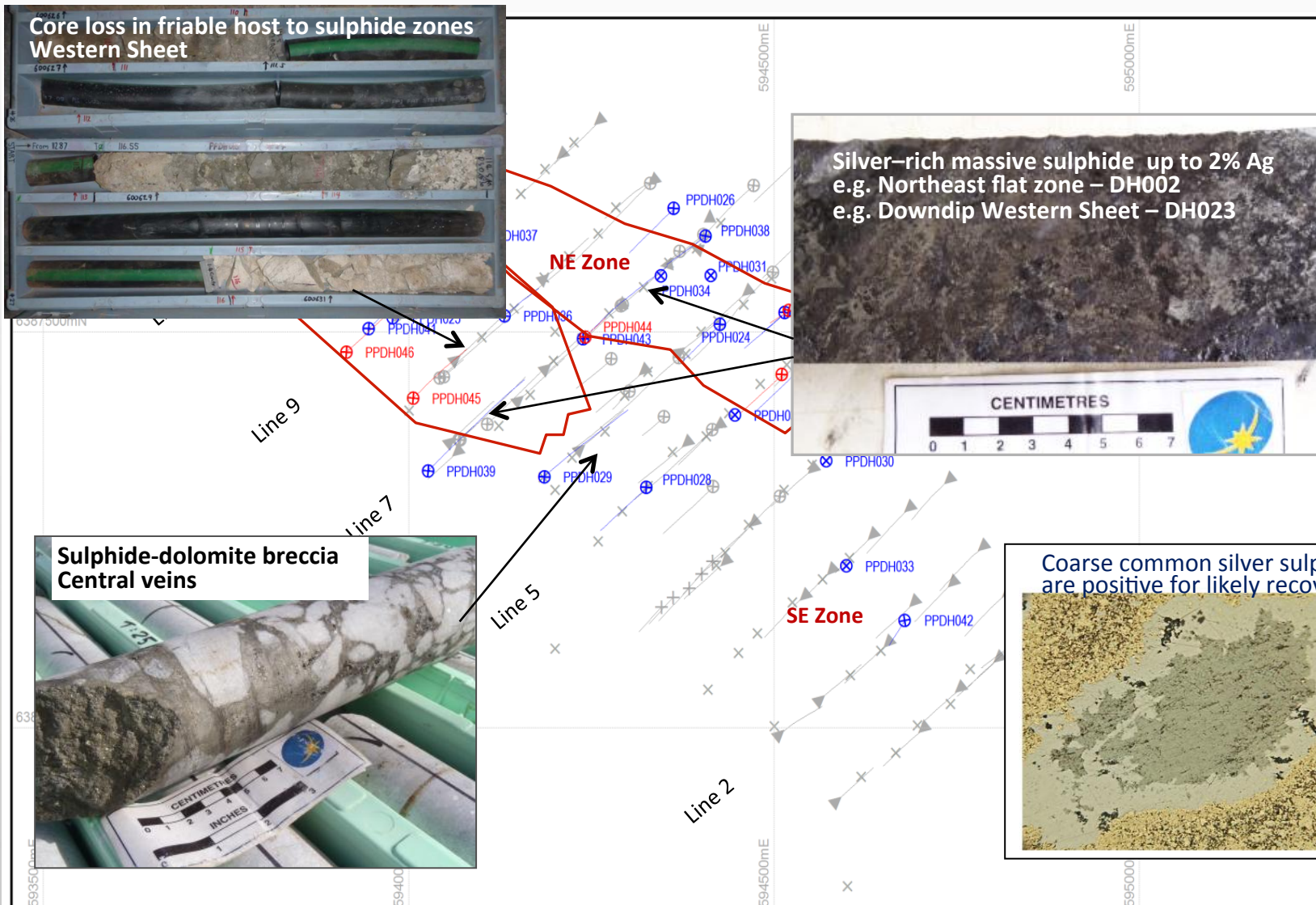
100m

200m



IVR 9

Paris geology – typical of intermediate sulphidation style of silver-rich epithermal silver deposits with complex drilling conditions and geology



- ✚ Aircore
- ▲ Reverse Circulation
- ⊕ Diamond

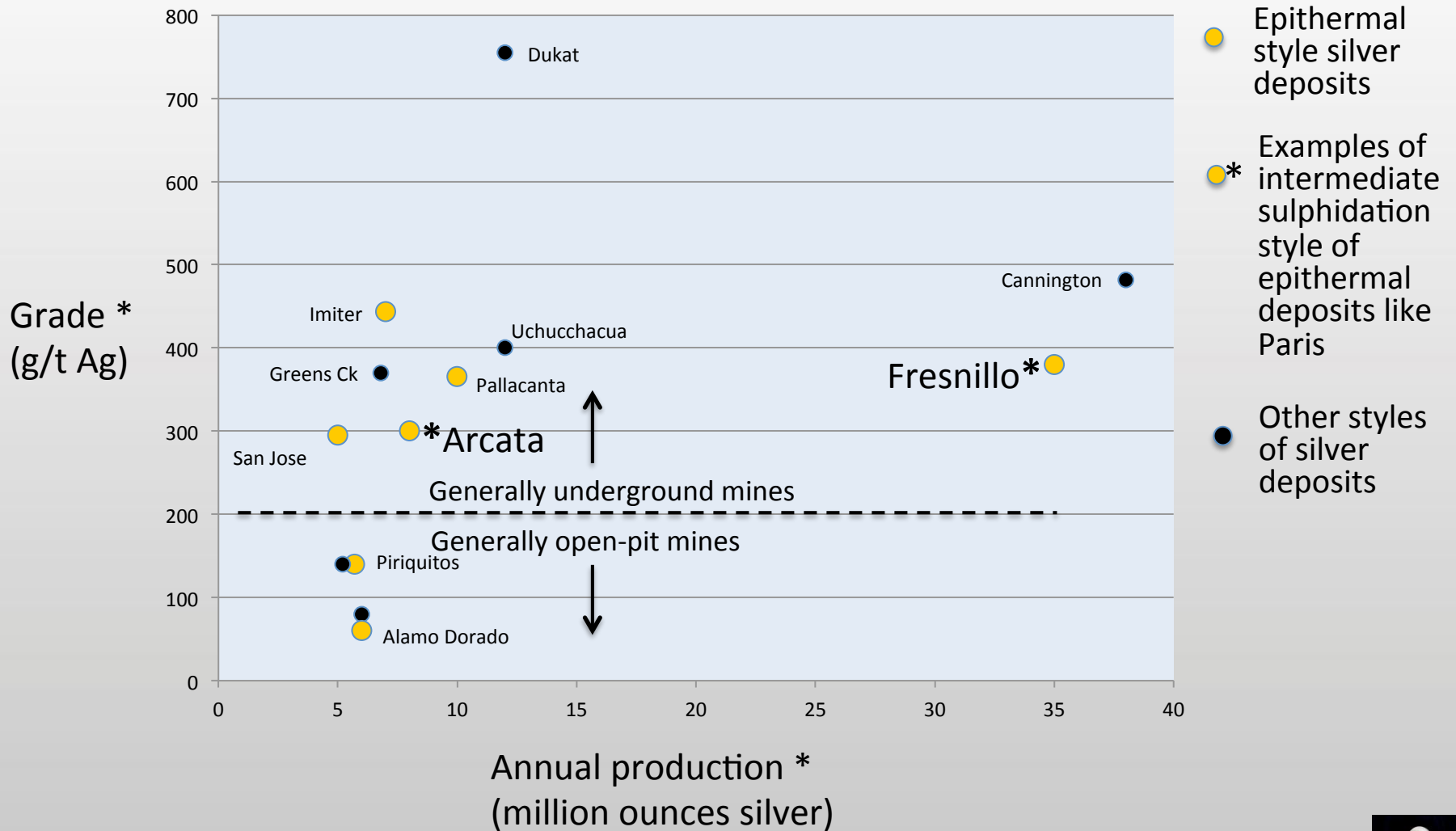
Scale 1 : 6500	Plot Date 13-Dec-2012	Sheet 1 of 1
	Plot File: Hole Plan A4 121212	
100	0	100m

Drillhole Collar Traces

PARIS PROSPECT



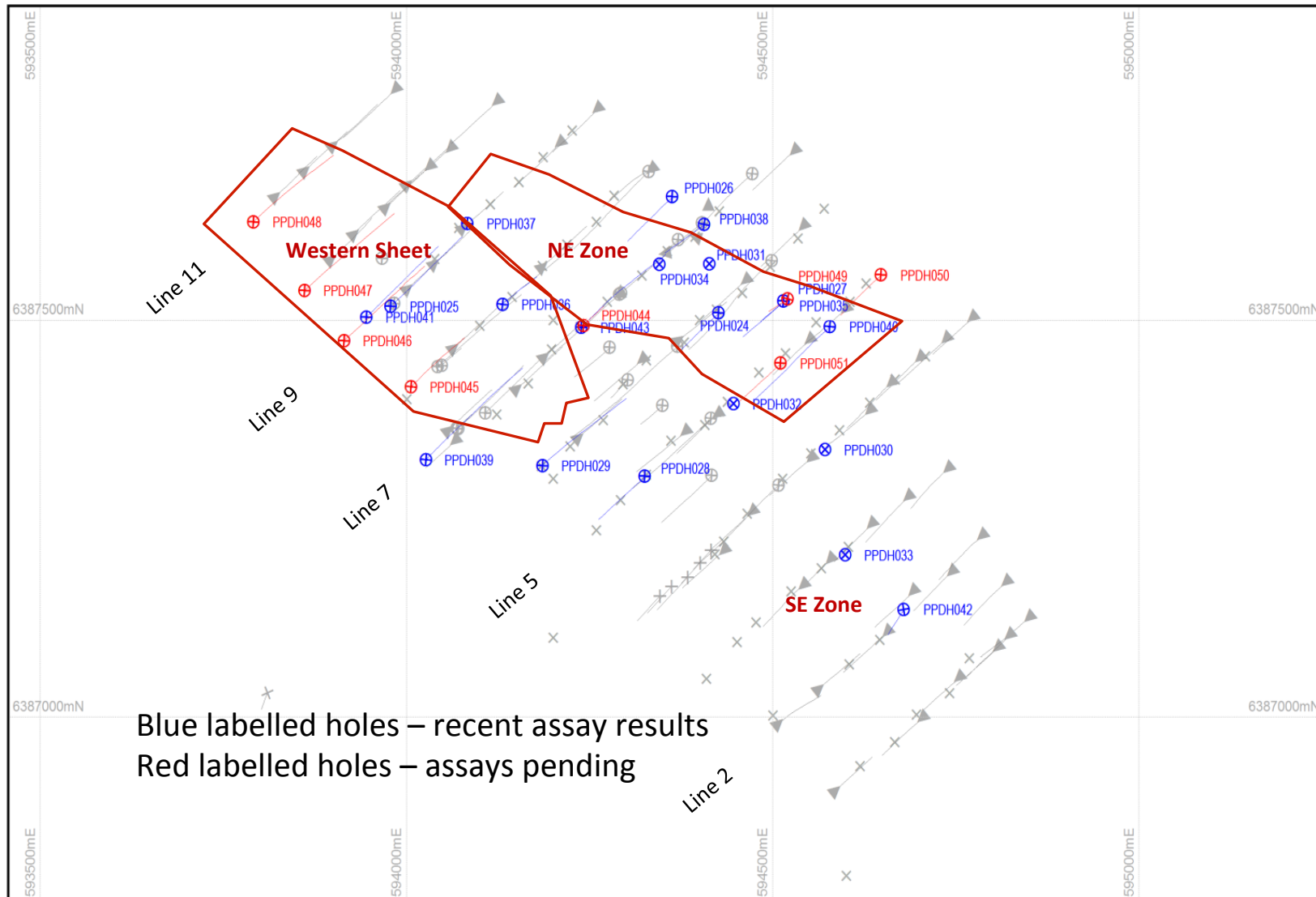
Global silver mines – size/grade comparison



* Note: Data is from various sources & is approximate; annual production is generally for 2010



Paris drilling – on-going drilling aims to resolve complex structure of high-grade areas and move to resource estimation in 2013



- ✚ Aircore
- ▲ Reverse Circulation
- ⊕ Diamond

Scale 1 : 6500	Plot Date 13-Dec-2012	Sheet 1 of 1
	Plot File: Hole Plan A4 121212	
100 0 100m		

Drillhole Collar Traces

PARIS PROSPECT

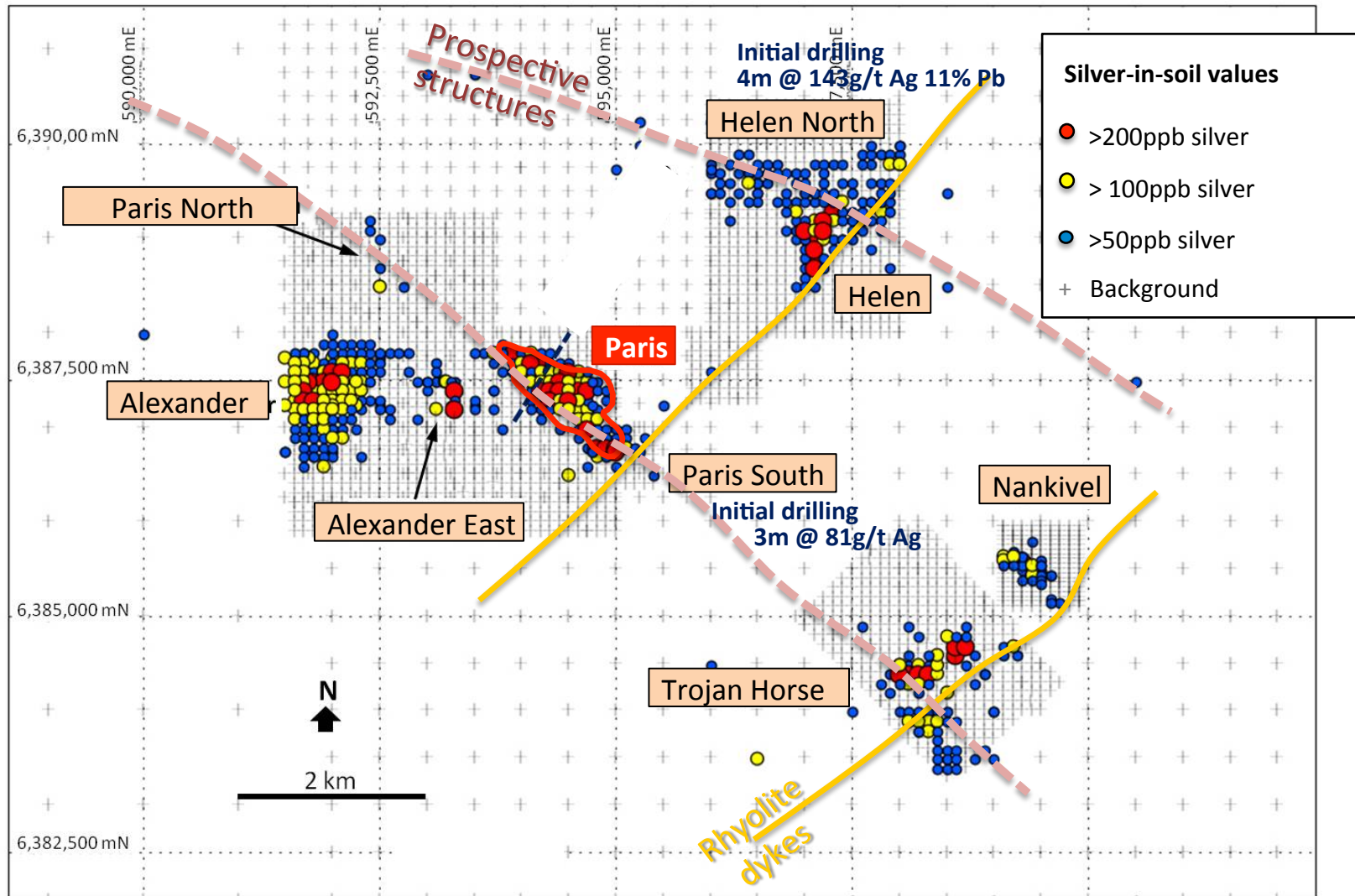


Satellite soil targets & 14km of prospective structures

Scout drilling at Helen & Paris South produced positive new results

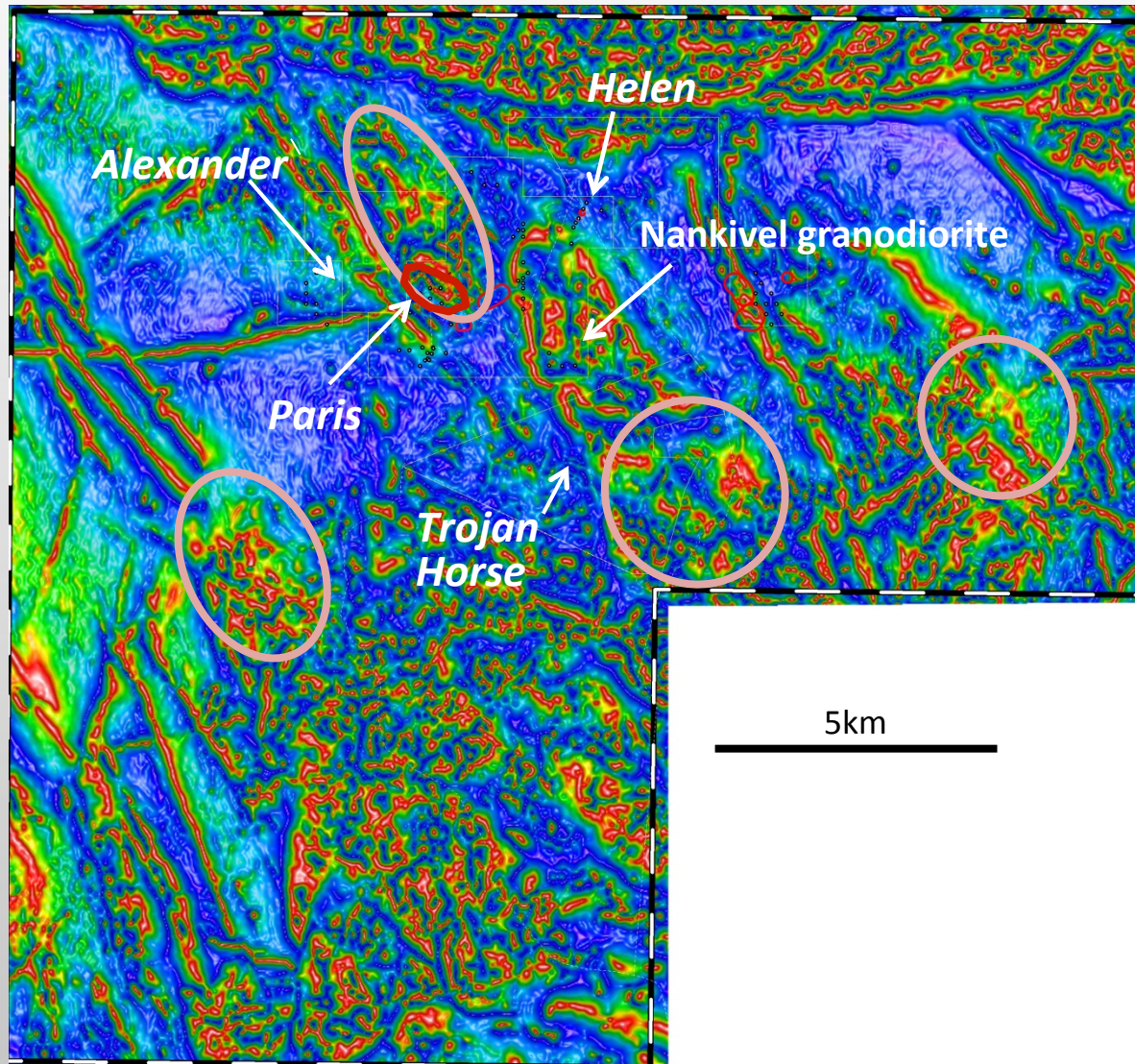
Potential for the Peterlumbo field to be multi-deposit mining camp

Heritage surveys recently undertaken to progress first pass drilling ASAP



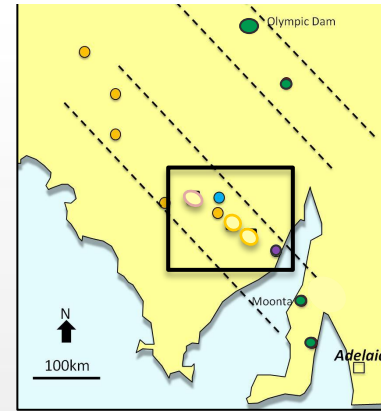
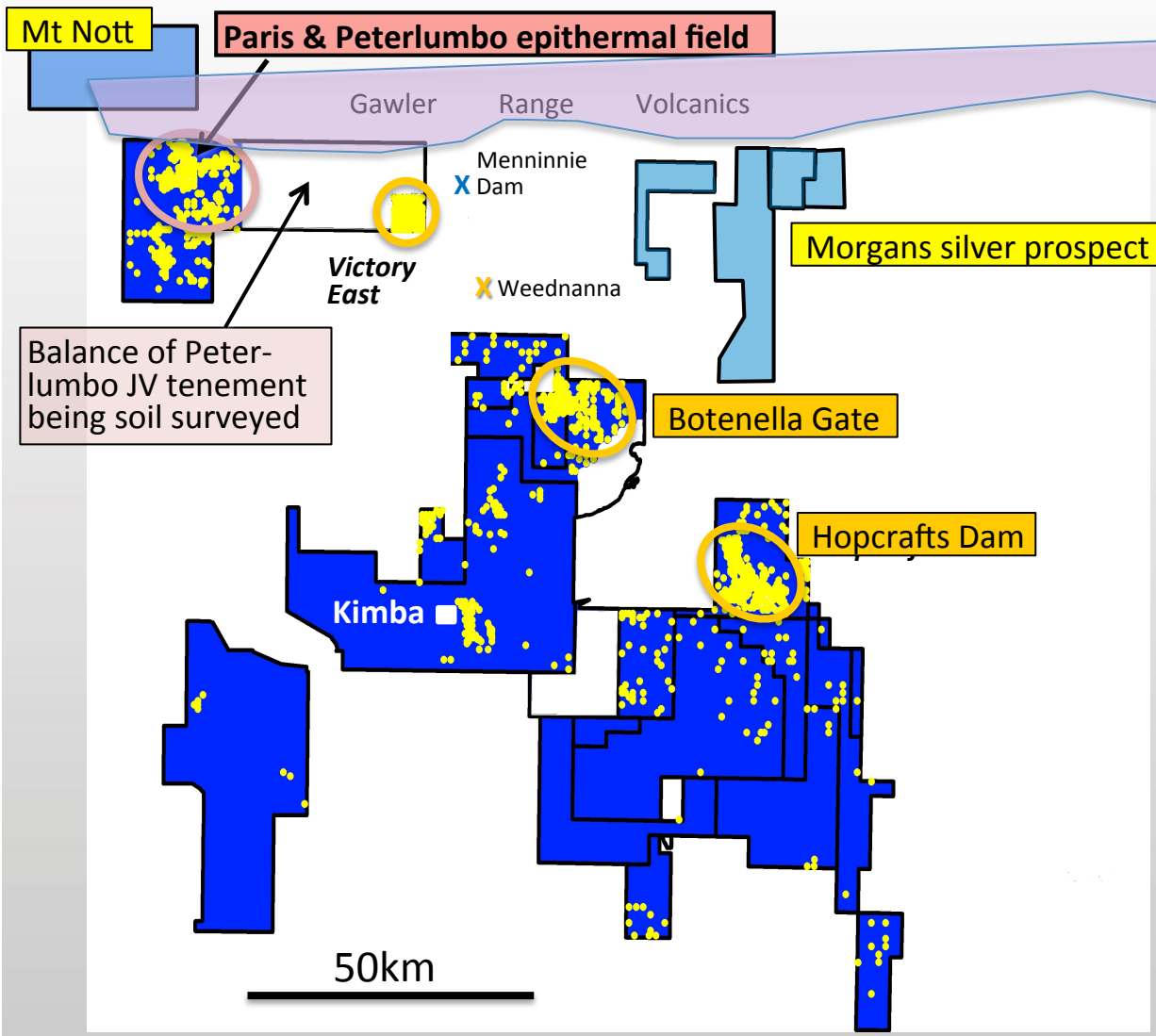
The wider Peterlumbo field

Filtered magnetic image shows other Paris-like targets and porphyry-style targets



○ Target intrusives with potential for Paris look-alikes & copper porphyries

New potential fields - Proprietary regional soil geochem maps new silver target areas across Eyre Peninsula



Balance of Peterlumbo JV tenement being soil surveyed

Morgans silver prospect

Botenella Gate

Hopcrafts Dam

50km

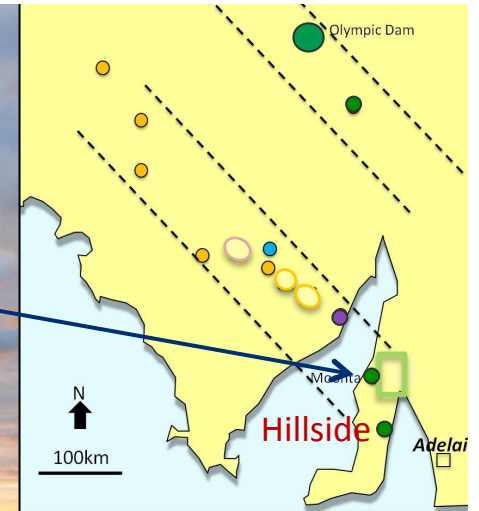
Silver-in-soils reference map (● Silver > 30ppb)

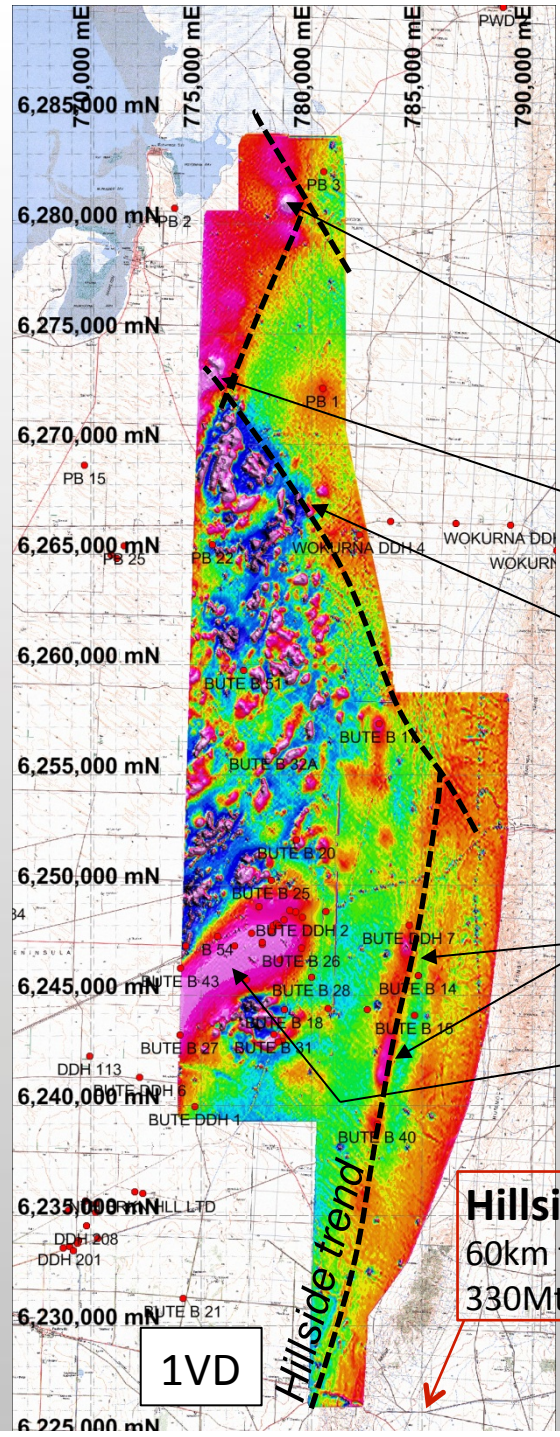
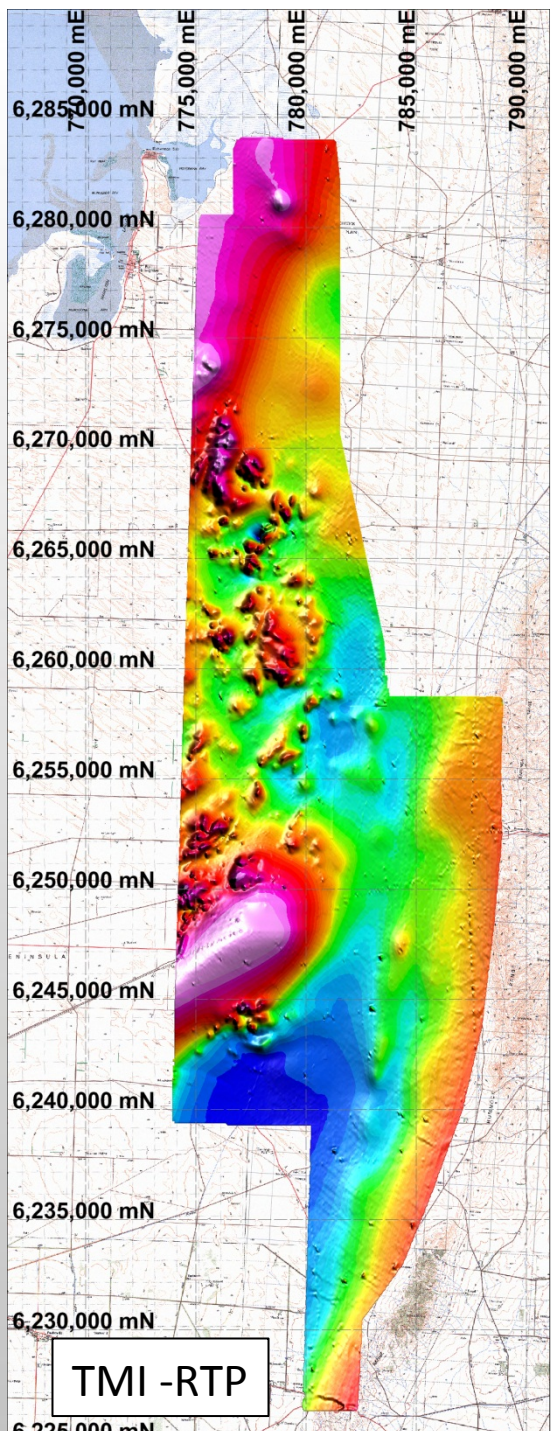
- Existing regional soil geochem coverage
- Pending new soil geochemistry – 100% IVR tenure



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Copper gold targets Yorke Peninsula 100% IVR





New IVR magnetic survey on 100% IVR tenure

Shows numerous untested targets along continuation of Hillside trend

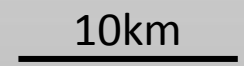
Roundabout IOCG target

Spyall IOCG target

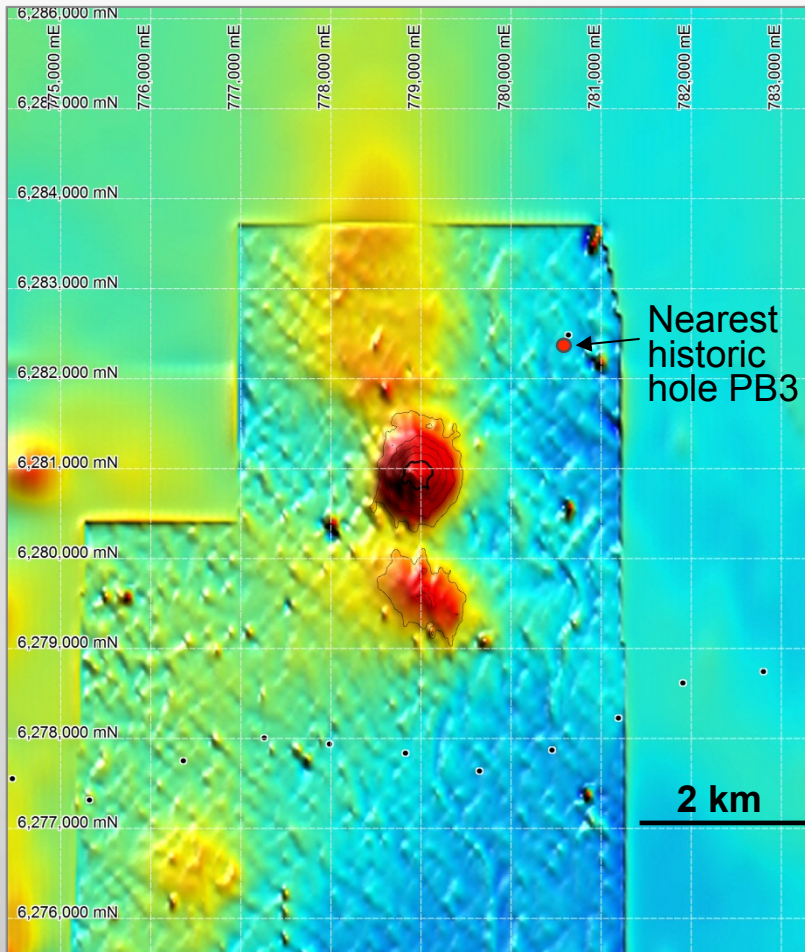
Additional Hillside-style targets

Ridgeback Hillside-style magnetic & gravity targets
 Two IVR drillholes in 10km strike extent; Further drilling warranted
Bute magnetic target -
 Deep and untested by shallow drilling

Hillside copper deposit
 60km to south
 330Mt @ 0.6% Cu 0.16g/t Au



Roundabout IOCG target – a high priority airborne magnetic target with a number of supporting IOCG attributes:



Gravity survey points (black dots) are insufficient to assess associated gravity signature - Detailed surveying is proposed

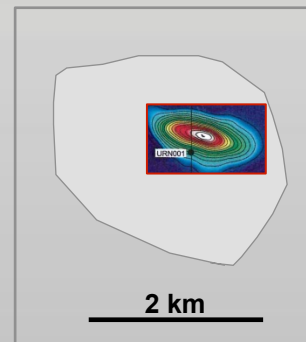
Favourable structural location

Well defined anomaly of similar size to Prominent Hill

Modelled pipe shape of 800m diameter with 280m depth to top

Adjacent diffuse magnetic signatures are potential copper mineralised haematite zones

Nearby 1980 drilling intersected encouraging geology (haematitic brecciated basement 8km to SE in PB1; haematitic cover sediments in 3km to NE in PB3)



Prominent Hill comparison: Ground magnetic signature & outline of gravity signature

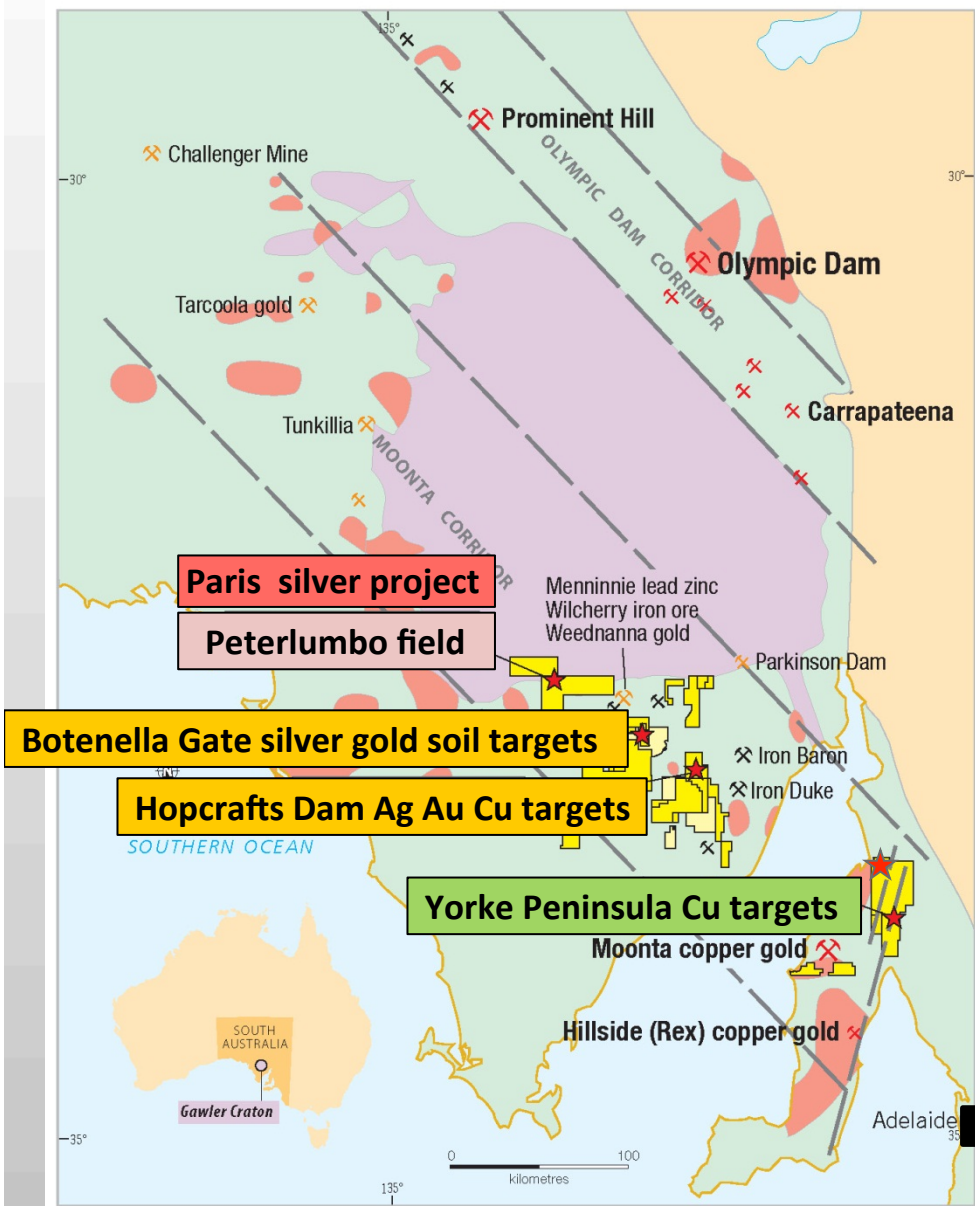
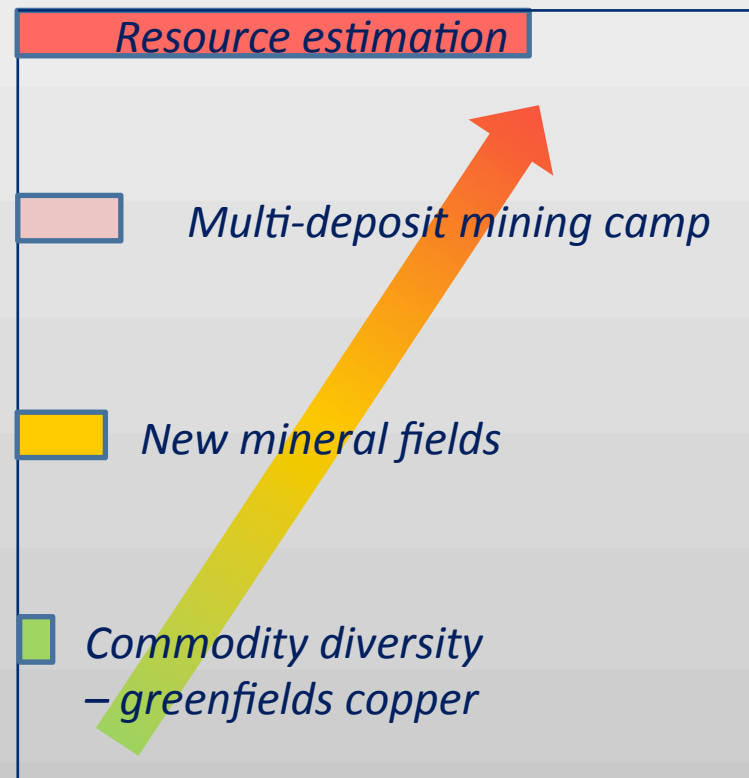


Forward Program

Genuine pipeline of quality targets
with prioritised growth objectives

\$15m program for FY12/13

— Budget allocation —>





Five pillars for IVR's growth

- 1) Likely quality silver deposit at Paris
 - potentially high grade and shallow
- 2) “Brownfields” expansion potential at Peterlumbo
 - clustered targets in possible multi-deposit mining camp & new fields
- 3) Favourable locations with infrastructure advantages
- 4) Proven management
- 5) Well funded



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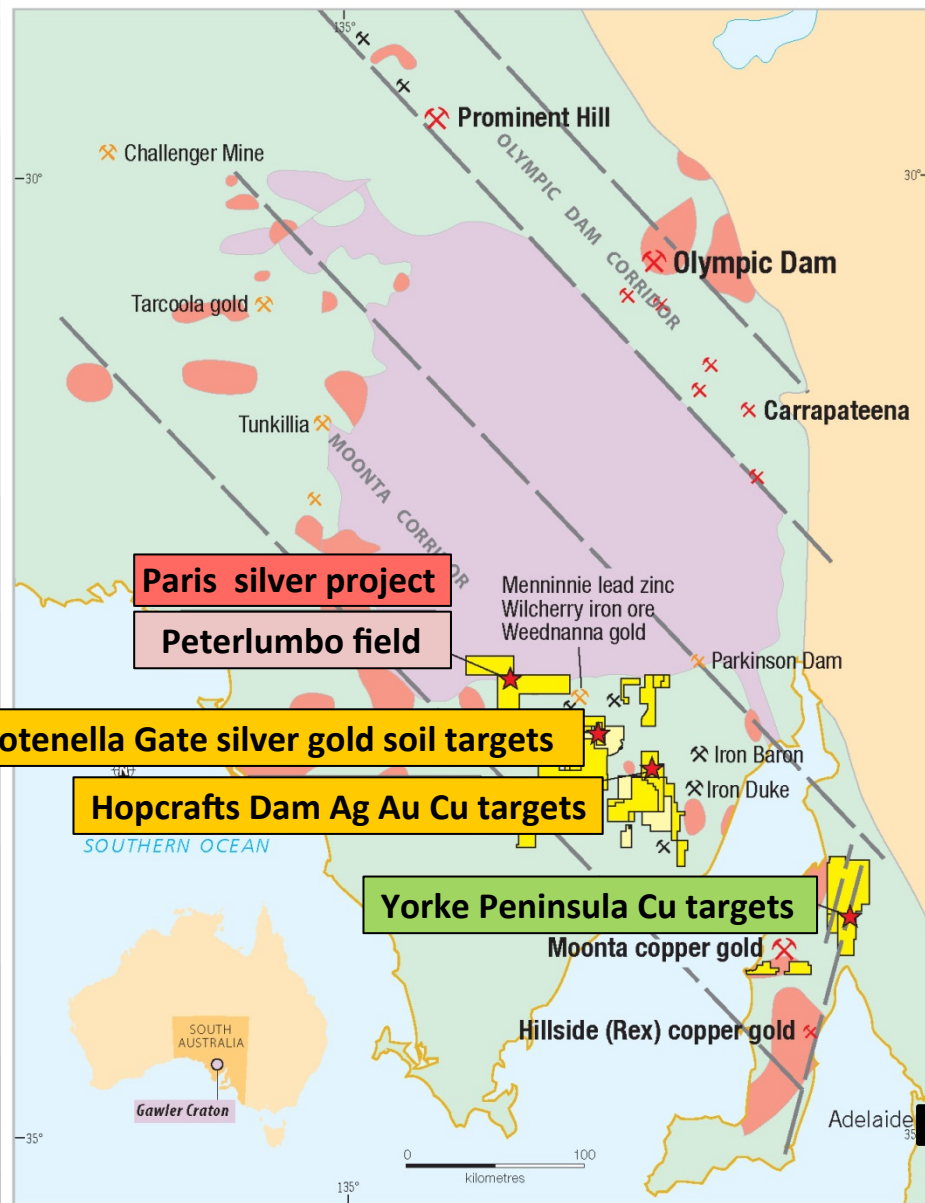


Competent Person Statement

The information in this presentation that relates to Exploration Results and Mineral Resources is based on information compiled by John Anderson (BSc(Hons)Geol) who is a member of the Australasian Institute of Mining and Metallurgy and is bound by and follows the Institute's codes and recommended practices. Mr Anderson is a full-time employee of Investigator Resources Limited. He has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken 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. Anderson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



Well funded to progress aggressive exploration during 2013



Planned program:

- Further diamond drilling at **Paris silver prospect** with aim of resource estimation
- Have undertaken gravity and heritage surveys towards further first pass drilling of **Peterlumbo satellite soil targets**
- Detailed soil sampling of the **Botenella Gate field** is underway after successful first pass drilling showed bedrock silver; to refine targets ahead of further drilling (consistent with Paris tactics)
- Awaiting heritage approval to progress first pass drilling of another potential field at **Hopcrafts Dam**
- Gravity survey over the exciting **Roundabout IOCG copper target** on Yorke Peninsula (on poorly drilled extensions to the historic Moonta copper field); intention is to drill at earliest opportunity



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