
Core : CXO
Drilling
AUSTRALIA'S
new exploration
province
RIU Resources Round-up Conference
Melbourne 24-25 September 2014
CORE
EXPLORATION LTD

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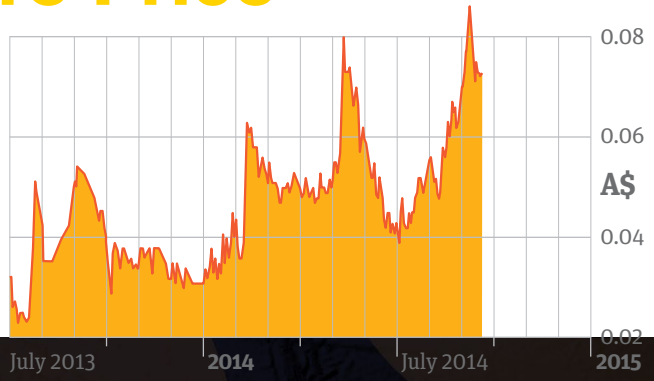
Company Information

Shares

Price A$	~$0.07
Shares on issue	124M
Options (CXOO 10c Oct14)	30M
Market cap (undil)	~$9M
Cash (22/08/14)	~$1.6M
Top 20 (Consolidated)	~45%

Share Price



Board & Management

Stephen Biggins	Managing Director
Greg English	Non-Exec Chairman
Heath Hellewell	Non Exec Director
Michael Schwarz	Non Exec Director
Colin Skidmore	Exploration Manager
Jarek Kopias	CFO/Company Secretary

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Core's Projects

Core's exciting results are opening up a new exploration province at Albarta in the NT

- RC drilling currently underway on new high garde discovery
- Two copper IP targets (20% Cu in rock chips) ready to drill in the NT
- AEM surveys to define drill targets within large 20km prospectve zone at Jervois



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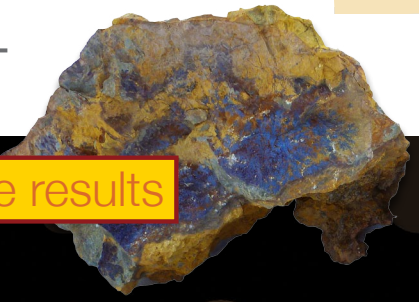
Albarta Project, NT

Australia's newest exploration province



Core has moved to 100% ownership* of 20 tenements covering over 2,000km^2 - **Albarta Project**, NT

- Multiple occurrences of mineralisation indicates strong prospectivity
- Recent drilling hit >1,000g/t silver and 17% lead+zinc
- Finding more copper at surface
- Core's Jervois tenements near KGL



Strong surface results

**subject to Ministerial Approval

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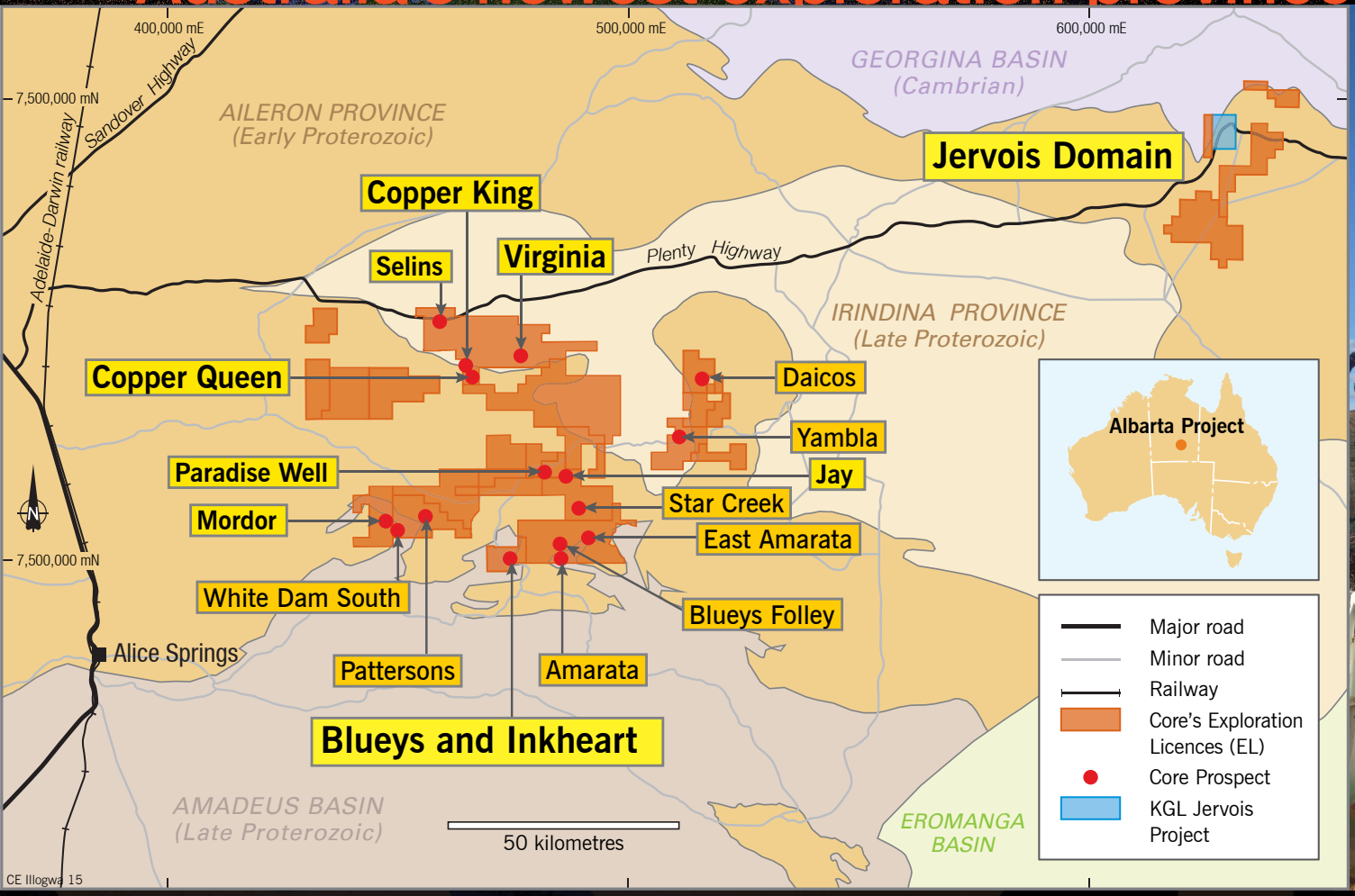
Multiple Prospects

Australia's newest exploration province





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Strong Prospectivity

- 1,000g/t silver in recent drilling at **Blueys Prospect**
- 350g/t silver and 17% zinc+lead drilled at **Inkheart Prospect**
- Up to 34% copper# ready to drill at **Virginia Prospect**
- Up to 20% copper# and 72g/t gold# ready to drill **Copper Queen**
- Multiple >1% copper# outcrops at **Paradise Well, Jay & Selins**
- **Jervois Domain** 500m from KGL's 13m @ 5.75% Cu (at Bellbird)

#surface rock chips

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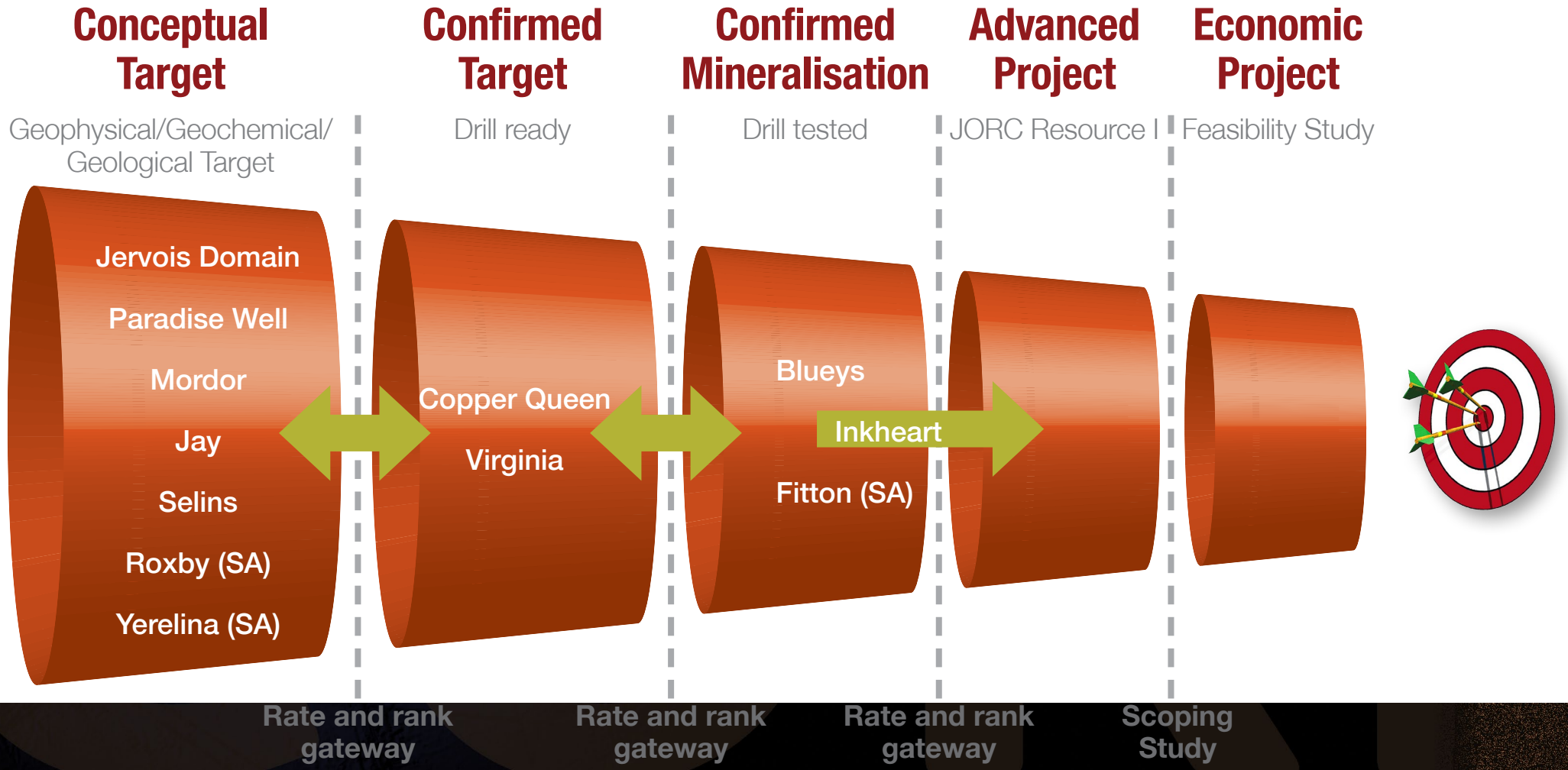
Project pipeline



increasing value and exploration maturity

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High grade silver, lead & zinc drilled at Blueys and Inkheart Prospects

1kg/t silver

and

17% zinc & lead



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Very high grade silver

Very high grades of 4.5kg/t (4,500g/t) silver and 10% copper at surface

Discovery drill intersections by Core include:

- **1m @ 1,070g/t silver** (Ag) and **8% lead** (Pb) at **Blueys**
- **2m @ 843 g/t Ag** and **5.9% Pb** within 17m @ 116 g/t Ag and 0.83% Pb at **Blueys**
- **4m @ 195 g/t Ag, 5.24% Pb and 2.49% Zn** from 111m inc. 1m @ 354 g/t Ag, 11.13 % Pb and 6.51% Zn, within 36m @ 29g/t silver at **Inkheart**
- 2,500m RC drilling program underway

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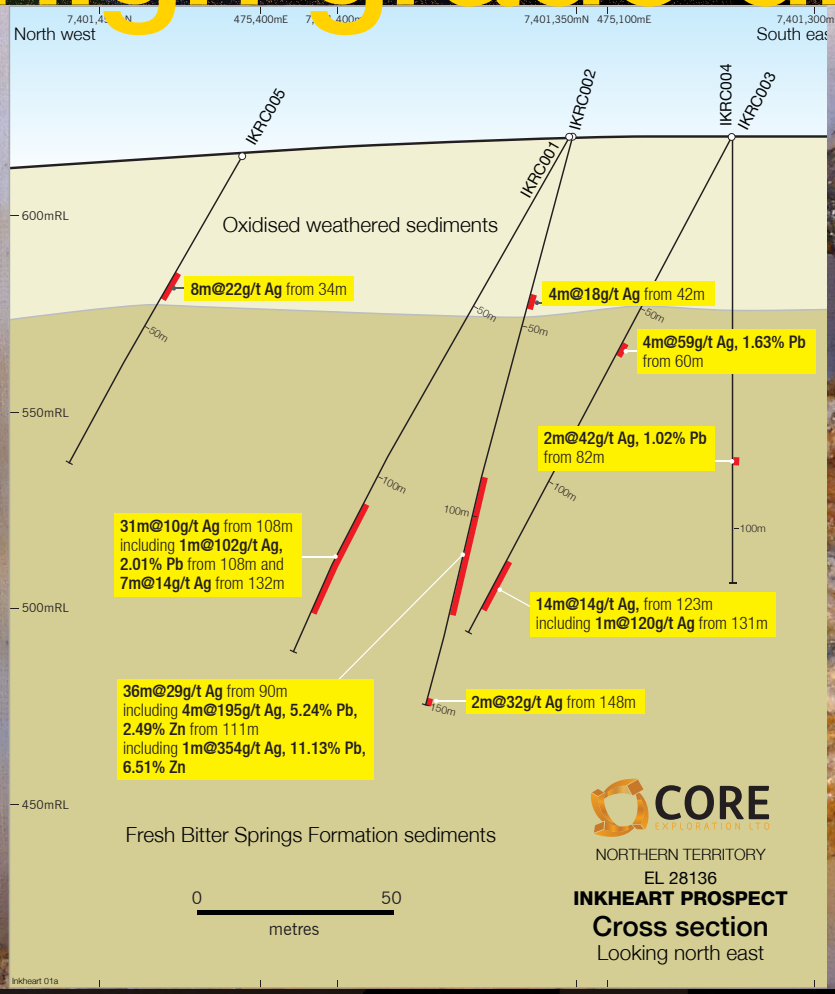
Inkheart high grade discovery



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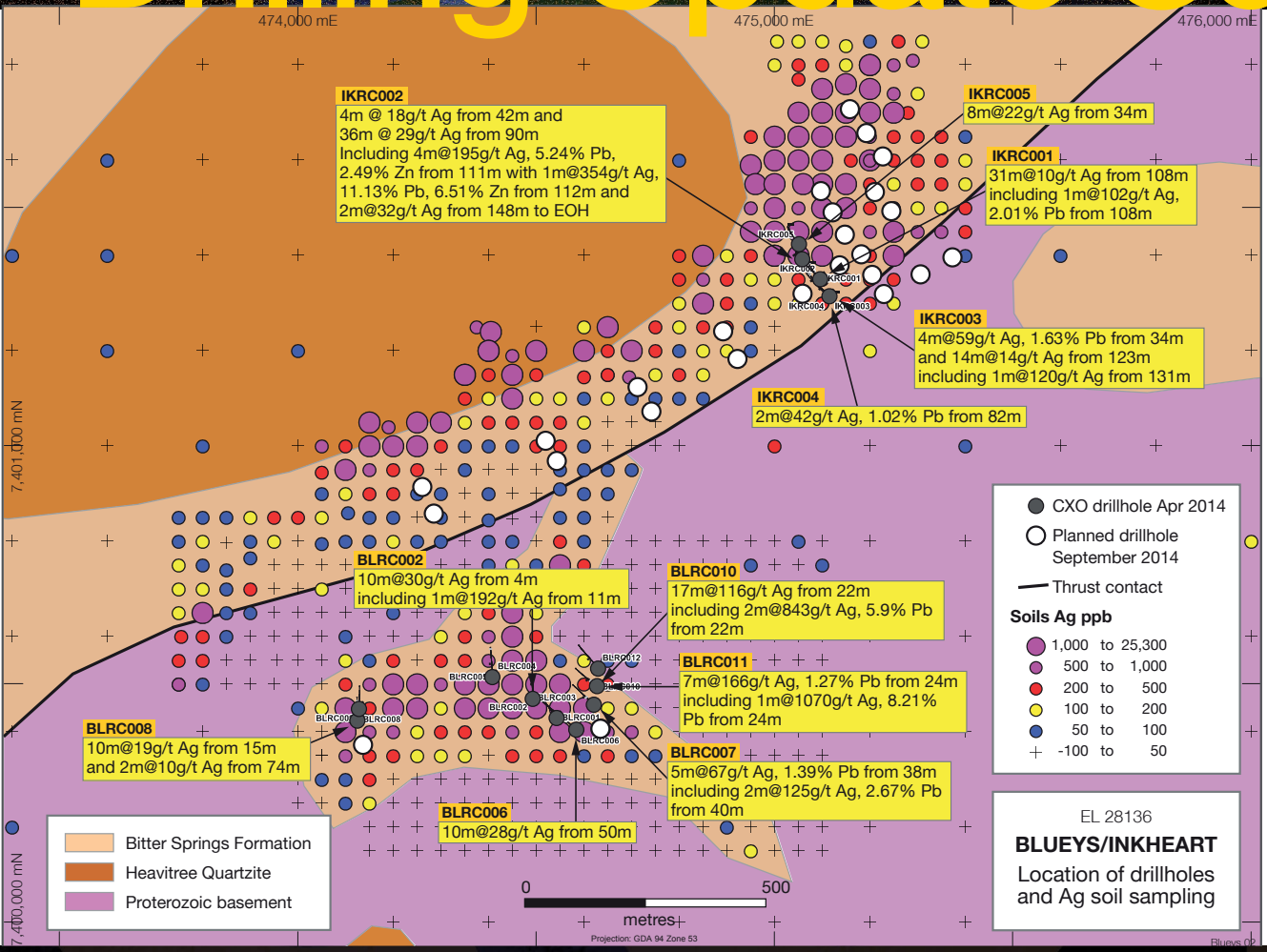
Drilling Update Sep 2014



Core just started 2,500m RC drilling campaign at Inkheart and Blueys Prospects, NT

25% of drillholes completed and program back on schedule

Drilling to be completed in approx 2-weeks

Holes drilled:

Hole	Easting	Northing	Dip	Az	Depth
IKRC006	475,081m	7,401,305m	-60°	315°	192m
IKRC007	475,152m	7,401,357m	-60°	315°	186m
IKRC008	475,338m	7,401,390m	-60°	135°	115m
IKRC009	475219m	7,401,695m	315°	-60°	90m
IKRC010	475252 m	7,401,649m	315°	-60°	102m

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Drilling Update Sep 2014



Primary sulphide mineralisation already observed in RC drill-chips (IKRC007 at Inkheart)

Sulphide intersections include substantially elevated silver and lead levels (preliminary hand held XRF)

Upcoming RC drillholes to test where the soil anomaly is highest

Assays expected during October

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Virginia Prospect

Kilometre scale

copper target grading

1%-5% Cu at surface

Ready to drill







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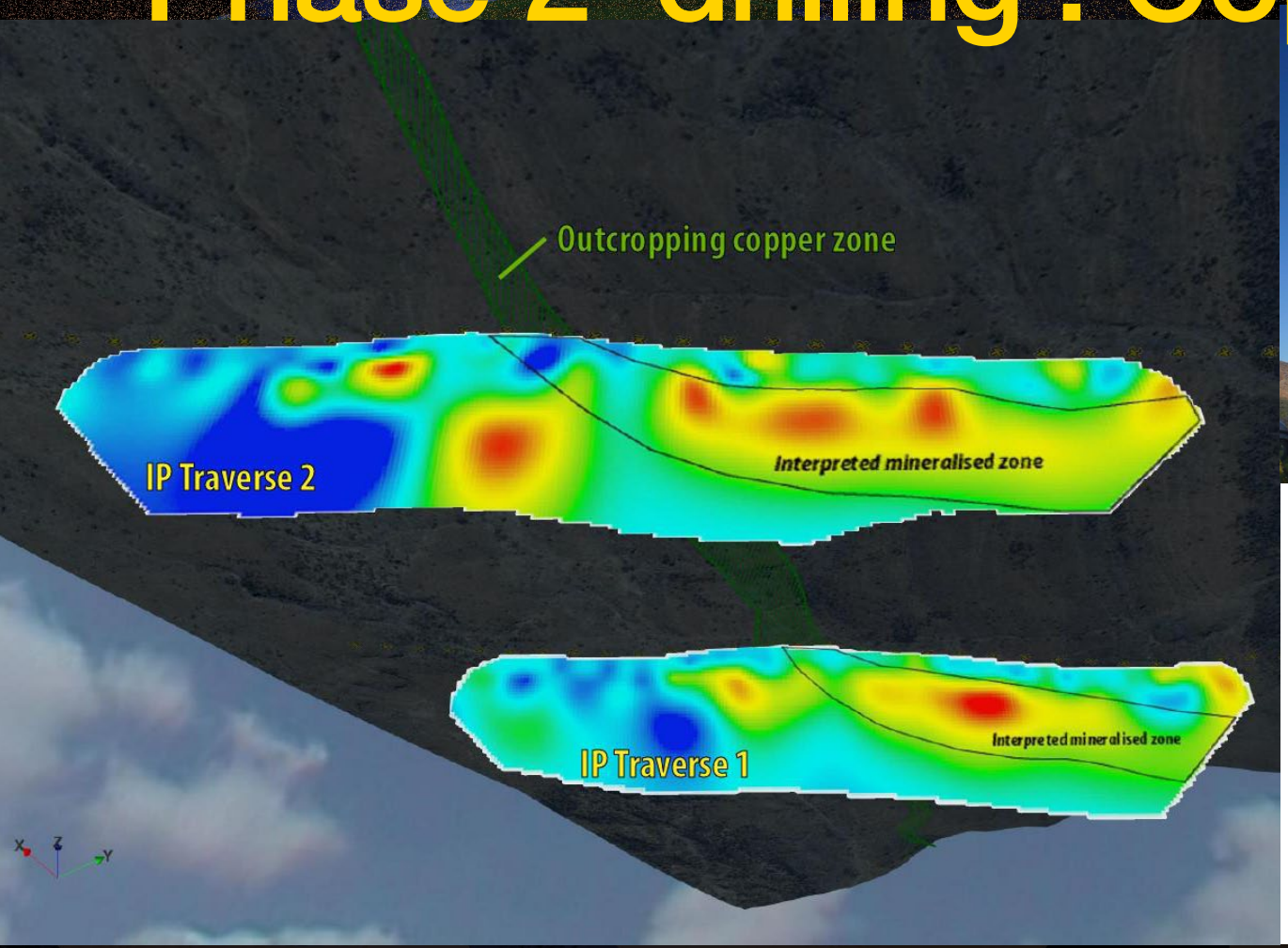
Virginia Prospect

Phase 2 drilling : Copper targets





- Copper horizon identified over 1km strike >1% Cu
- Strong IP targets below
- Drilling planned Q4

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Copper Queen

Multiple prospects

including

Up to 20% copper and 72g/t gold at surface



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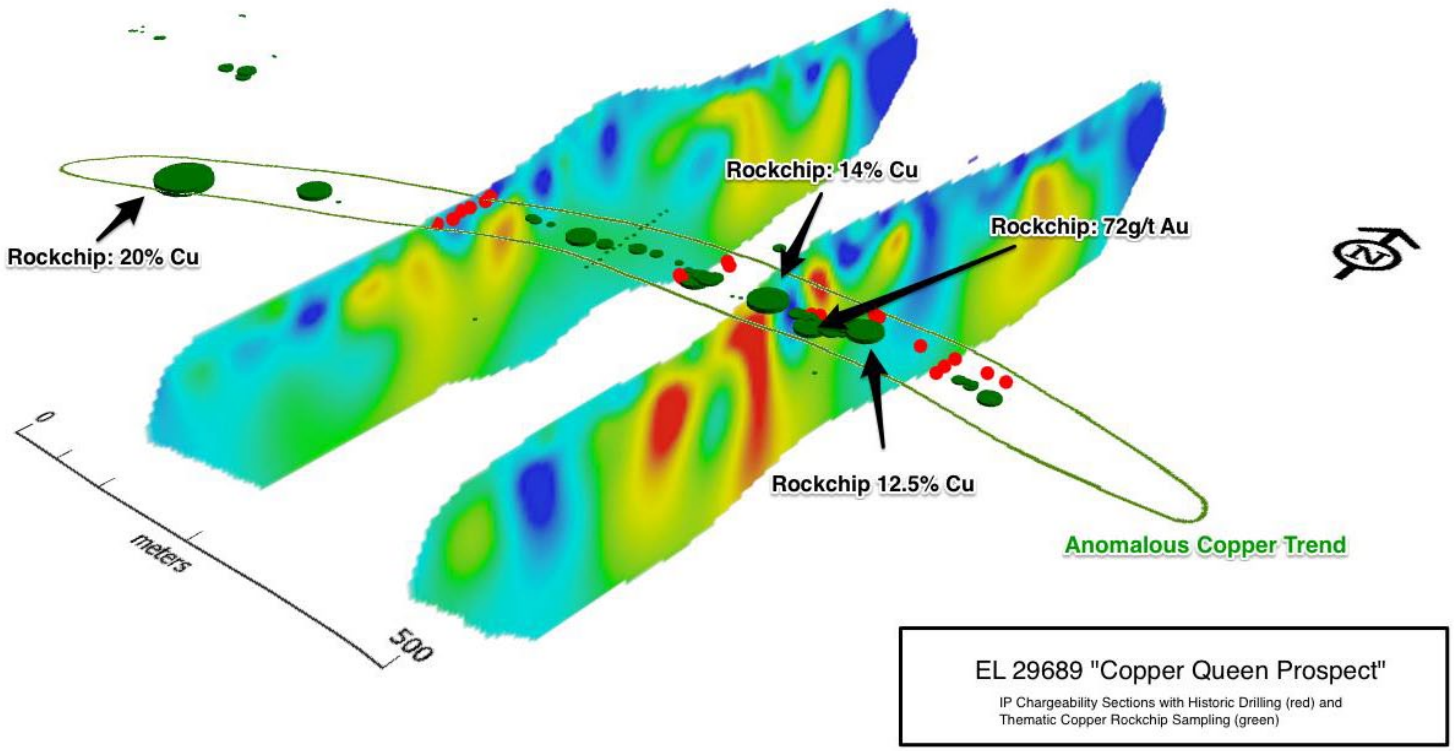
Copper Queen Prospect

Phase 2 Drilling : Copper targets



EL 29689 "Copper Queen Prospect"

IP Chargeability Sections with Historic Drilling (red) and Thematic Copper Rockchip Sampling (green)

- New IP drill targets below surface copper mineralisation
- Up to 20% copper and 72g/t gold rock chips
- 31 samples exceed 5% copper
- 132 samples exceed 1% copper and average 2.0g/t gold
- Drilling plannned Q4 2014

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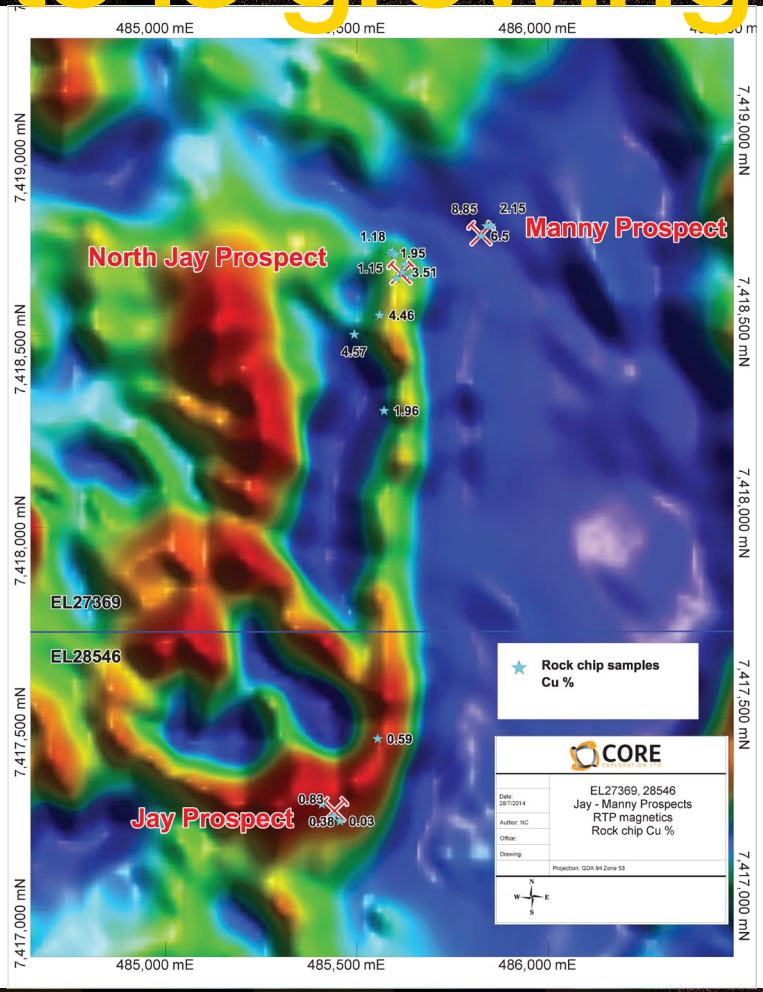
Greater Paradise Well - Jay Prospect

Pipeline of drill targets is growing

- Core is discovering new occurrences of copper in outcrop
- Copper found at 6 new prospects within 4km x 4km in GPW area
- **8.9% copper in outcrop with 2km magnetic target at Jay and Manny Prospect**



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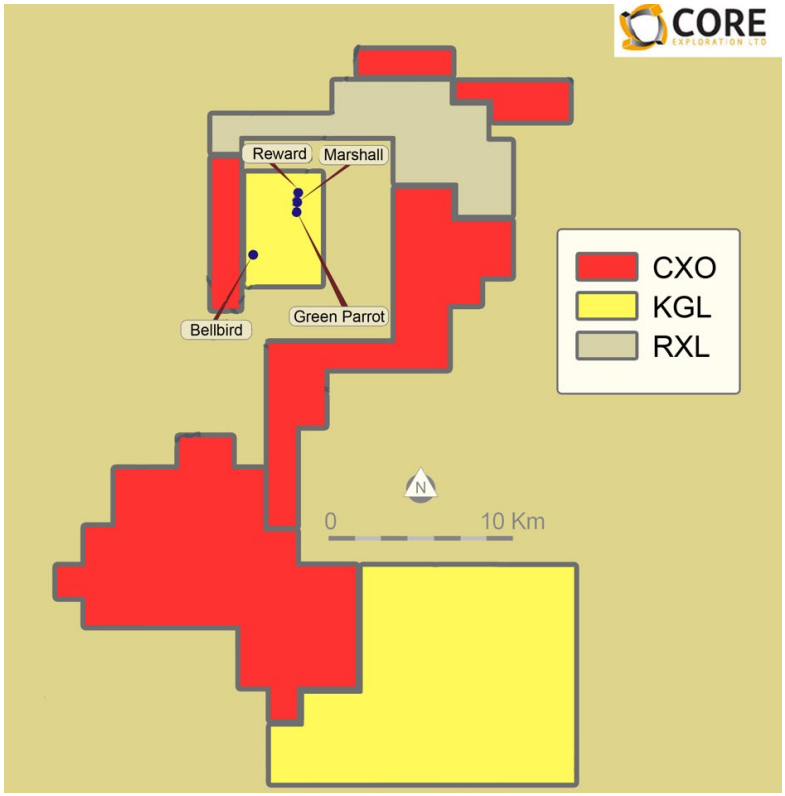
Core's Jervois Domain, NT

500m from KGL's 13m @ 5.75% Cu at Bellbird



Significant success for the Albarta region



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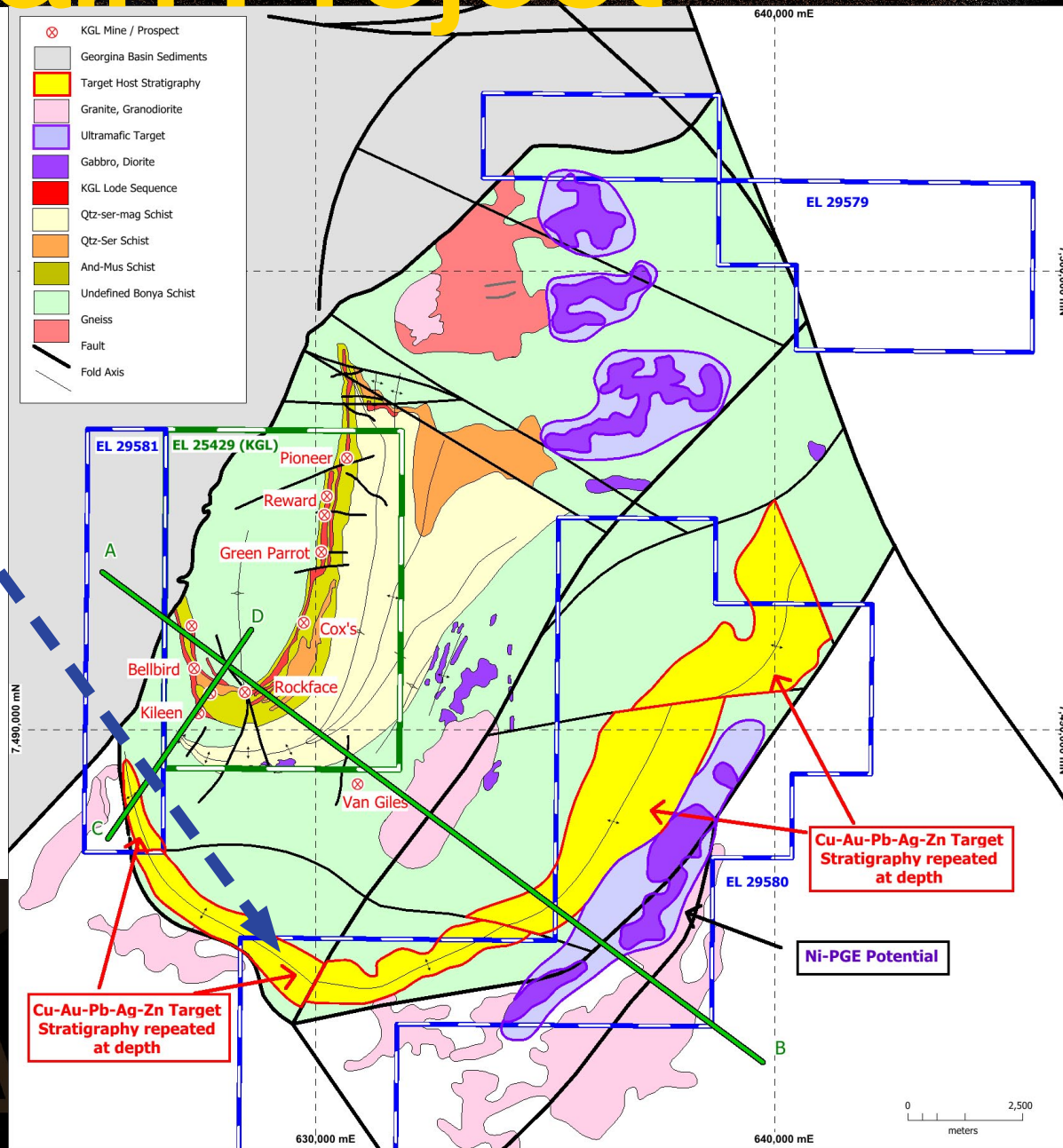
Jervois Domain Project

Large 20km prospective zone

VTEM (AEM) to define drill targets in October



Catalysts for price growth

Core has moved to full ownership* in Australia's new exploration hotspot in the NT:

- Core is opening up a new exciting exploration province and about to enter into discovery phase of exploration
- Multiple drilling programs scheduled : current Inkheart/Blueys (silver, lead, zinc) followed by drilling of copper targets at Virginia and Copper Queen prospects
- AEM surveys to define drill targets in Jervois area
- Drill assay results expected in October and drilling news over coming months

*subject to Ministerial Approval

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18/09/2014 Drilling underway on Inkheart and Blueys
20/08/2014 Large prospective zone defined in Jervois area
11/08/2014 8.9% copper within new 2km magnetic target at Albarta Project
30/07/2014 IP copper drill targets identified at Copper Queen Prospect
22/07/2014 Core Commences Exploration on Jervois Region Tenements, NT
02/07/2014 5km Prospective Copper Trend Identified at Selins Prospect
17/06/2014 High Grade Silver Lead from Albarta Drilling Program NT
03/06/2014 Exciting Copper Drill Targets - Virginia Prospect, NT
29/04/2014 Quarterly Activities and Cashflow Report 31 March 2014
17/03/2014 New Copper Prospects Discovered in the NT
21/01/2014 Surveys reveal IOCG drill targets near Olympic Dam