Copper, Zinc and Uranium Projects in NT and SA



ASX CODE: CXO

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Copper, Zinc and Uranium In NT and SA

9 metre mineralised breccia and 30m zone of breccia and veining intersected by drilling Yerelina Zinc Project, SA.....Awaiting Assays

Drilling program recently completed on copper drill targets close to KGL & RXL

Jervois Domain, NT.....Awaiting Assays

New MOU for \$2M JV to fund upcoming drilling Blueys and Inkheart, Albarta, NT

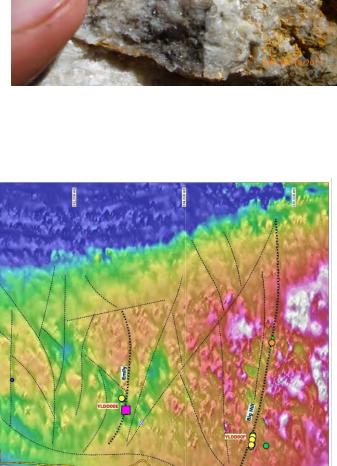
Outstanding discovery of high grade uranium in world class uranium mining jurisdiction **Fitton Project, SA**



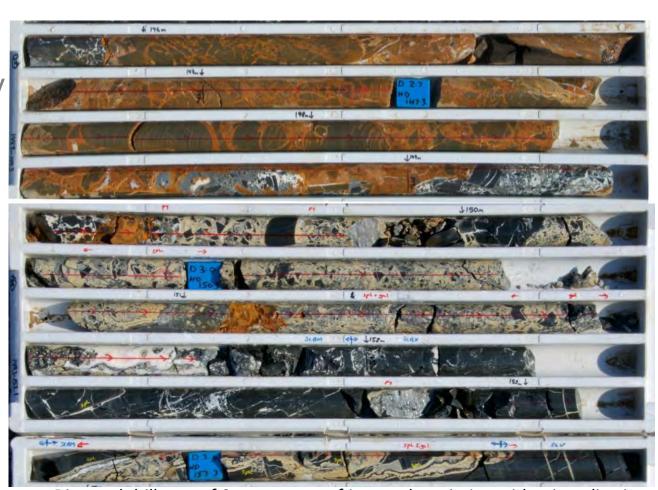
- Core's recent diamond drilling has intersected a 9.7 metre mineralised breccia zone at Great Gladstone Prospect
- Base metal sulphides are observed as zinc (sphalerite) dominant along with lead and significant silver expected
- Drilled mineralised breccia also outcrops as gossan at surface in a fault zone interpreted to be up to 1.5km long at Great Gladstone



Zinc Grade in Rock Chips



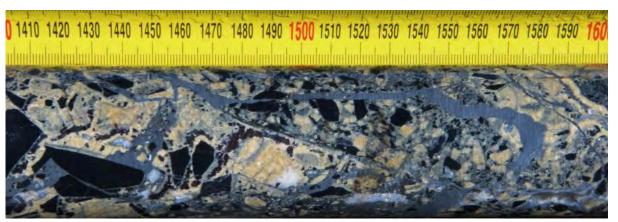
- 9.7m section of mineralised breccias and veining was intersected by diamond drill hole YRDH003 from 144m depth
- Drilling has been completed with assays expected in 3-4 weeks
- Core awarded SA
 Government for 50%
 co-funding towards the
 cost of planned diamond
 drilling



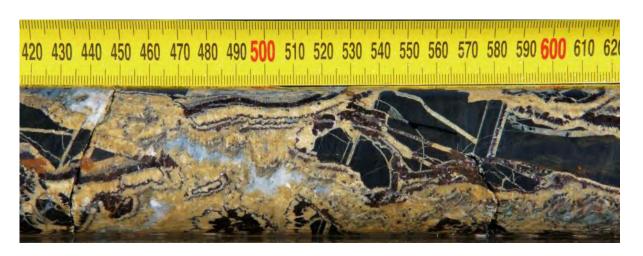
Diamond drill core of 9 metre zone of intense brecciation with mineralisation and veining intersected by YRDH003 at Great Gladstone Prospect



- Base metal mineralisation as breccias with slate clasts in siderite-carbonate-quartz matrix with polyphase banded breccia/veins of sphalerite and silica and ribbons of galena and coarse pyrite
- A lower zone of mineralisation at 153.1-153.8m consists of banded siderite-carbonate-quartz breccia zone with parallel bands of sphalerite



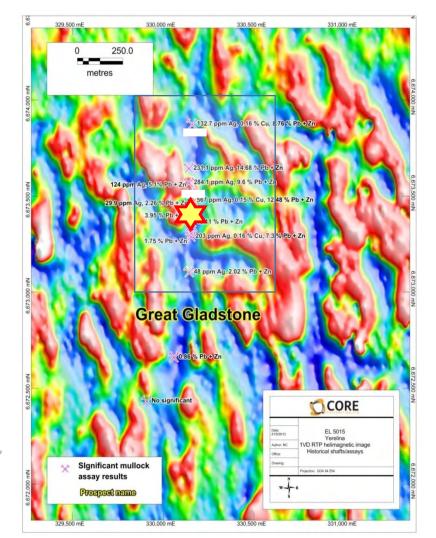
YRDH003 150.2m - Mineralised Breccia (slate, siderite-calcite-quartz-sphalerite-galena)

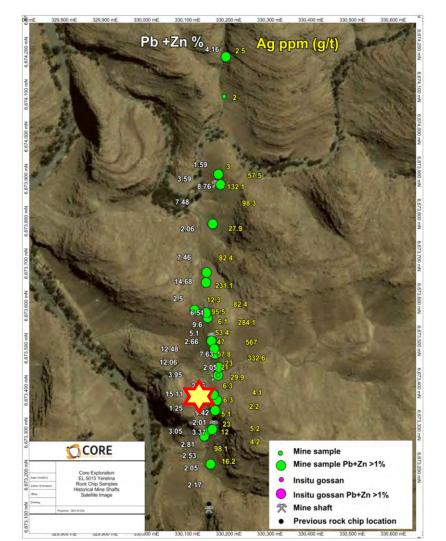


YRDH003 153.4m – Sphalerite and siderite within polyphase vein within brecciated slate.



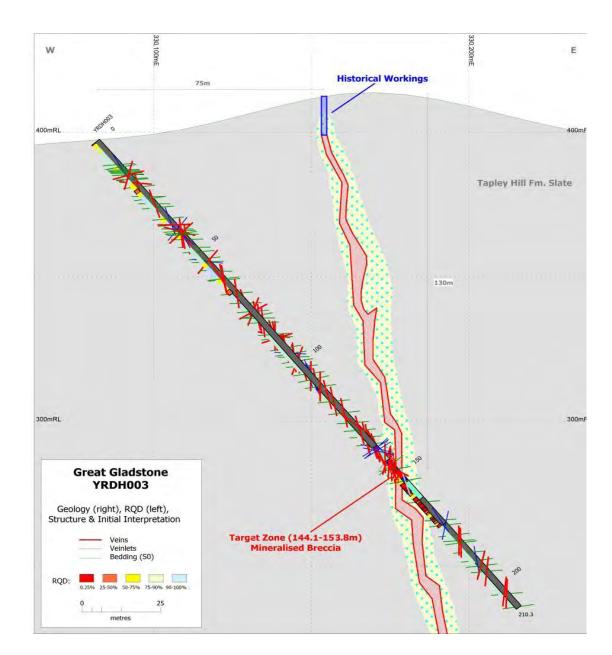
- 38 samples taken on 1 km section of Great Gladstone fault zone
- 34 returned combined zinc and lead values excess of 1% and 1g/t silver with the best assays at 14.7% zinc, 11.7% lead and 567 g/t silver





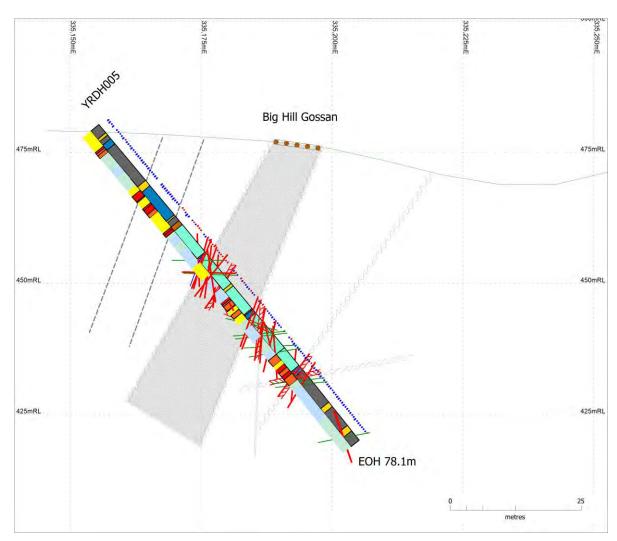
Great Gladstone Prospect

- Mineralisation intersected at approx. 120m vertical depth
- Alteration and brecciation extends on the scale of metres from mineralised zone within a broader 10m halo
- Potential for other "shoots" and vein systems as evidenced by the separate lower intersection of mineralisation



Big Hill Prospect

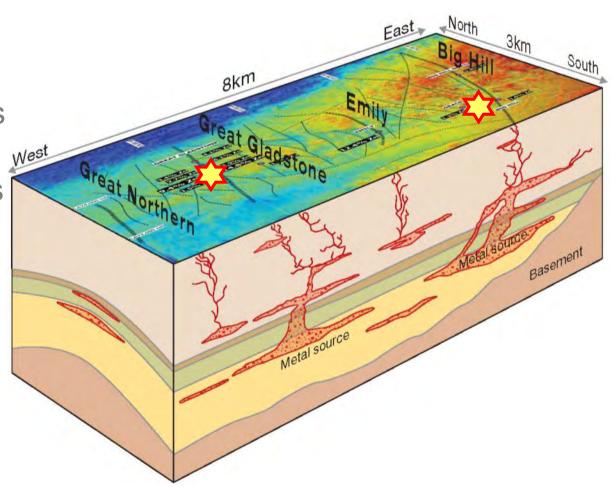
- Drilling hits 30m wide zone of intermittent breccias and veining at Big Hill Prospect
- Box works, voids and iron oxides (after zinc, lead and iron sulphides) in zone of breccias and veining similar to that at Great Gladstone
- Breccia zones at Big Hill interpreted to be a shallow oxidised analogue of the mineralised breccias at Great Gladstone 5km away





 Magnetic surveys and remote sensing imagery shows clear evidence of numerous historical workings and outcropping mineralisation over hundreds to thousands of metres in repetitious gossanous vein sets over a very broad 8km wide and 3 km long area

- Large 100%-owned tenement covering 999km²
- 60km from Perilya's Beltana zinc mine

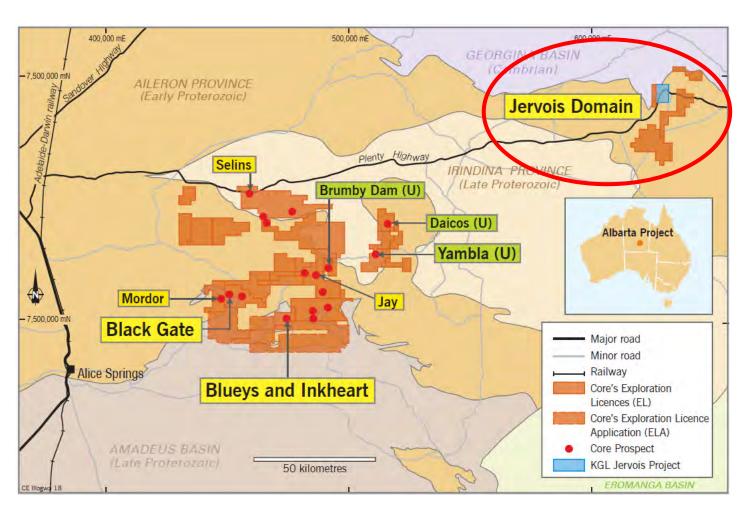




JERVOIS DOMAIN & ALBARTA PROJECT, NT

STRONG COPPER AND BASEMETAL PROSPECTIVITY IN THE EAST ARUNTA

Multiple occurrences of copper, base metals and uranium on Core's tenure





CORE'S JERVOIS DOMAIN, NT

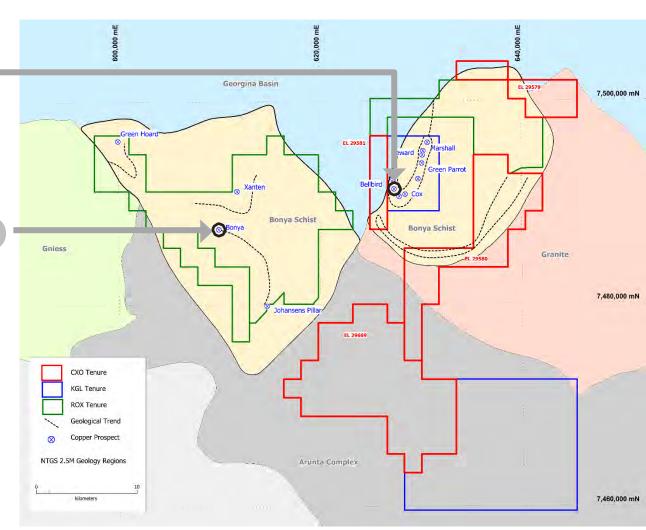
500m from

KGL's 13m @ 5.75% Cu

and close to

RXL's 38m @ 4.4% Cu

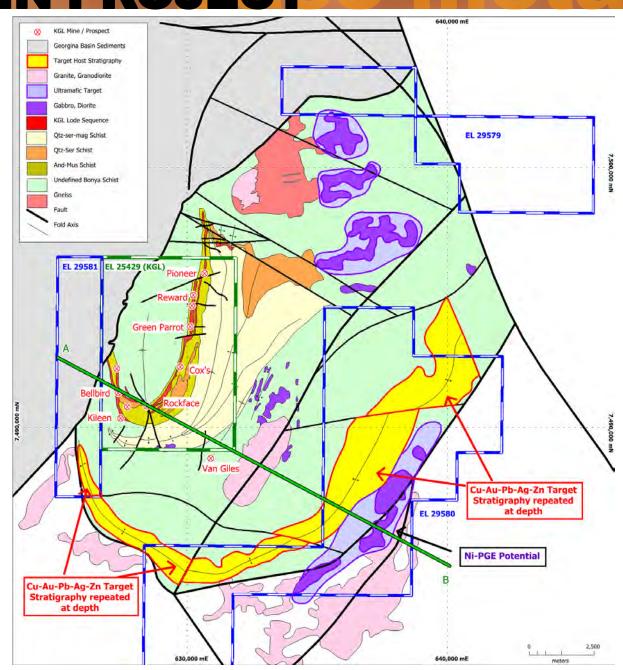
Substantial intersections of massive copper sulphides in the east Arunta





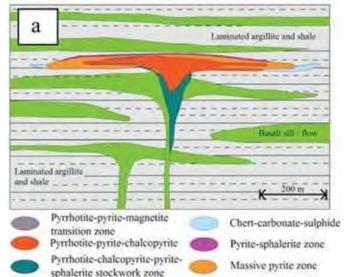
JERVOIS DOMAIN PROJECT

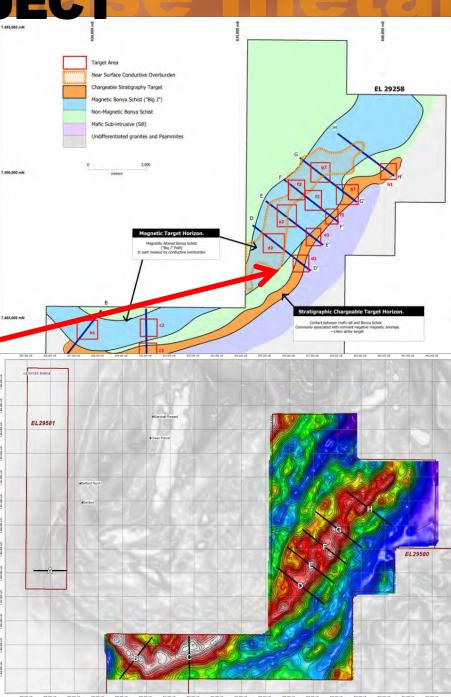
- Drilling recently completed on Core's Big-J zone
- Assays in next 3-4 weeks
- Big- J interpreted as folded extension to KGL's J-fold "line of lode"
- Geophysical modelling has defined a significant number of strong drill targets within a 15km strike length
- Targets have similar geophysics to the adjacent Jervois and Sedex/VHMS style mineralisation



JERVOIS DOMAIN PROJECT

- Multiple magnetic, conductive and chargeable features at large prospect scale within the Big-J target zone
- Targets have similar geophysics to the adjacent Jervois and Sedex/VHMS style mineralisation
- 10km long stratiform chargeable zone found at base of sediments and top of mafic sill (Beshi Type)

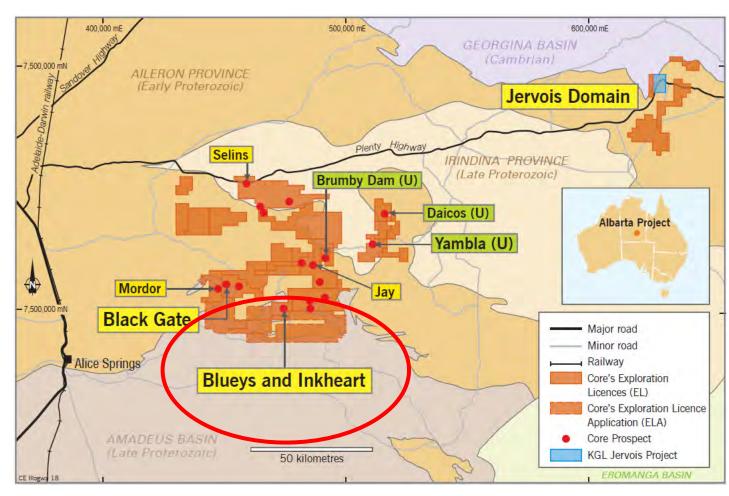




JERVOIS DOMAIN & ALBARTA PROJECT, NT

STRONG COPPER AND BASEMETAL PROSPECTIVITY IN THE EAST ARUNTA

Multiple occurrences of copper, base metals and uranium on Core's tenure

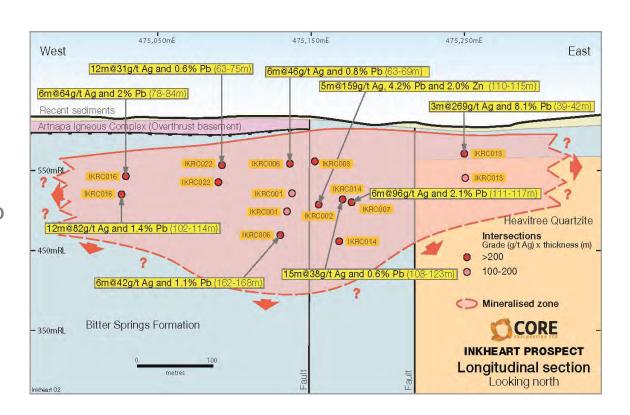




BLUEYS PROJECT SILVER LEAD ZINC

NT

- Core's drilling in 2014 discovered a new silver lead zinc sulphide system on the Albarta project
- Up to 1,000g/t silver and 17% zinc and lead intersected in drilling
- Very high grades of silver at surface up to 4.5kg/t (4,500 g/t)
- 500m long sulphide system drilled and open at depth and along strike at Inkheart

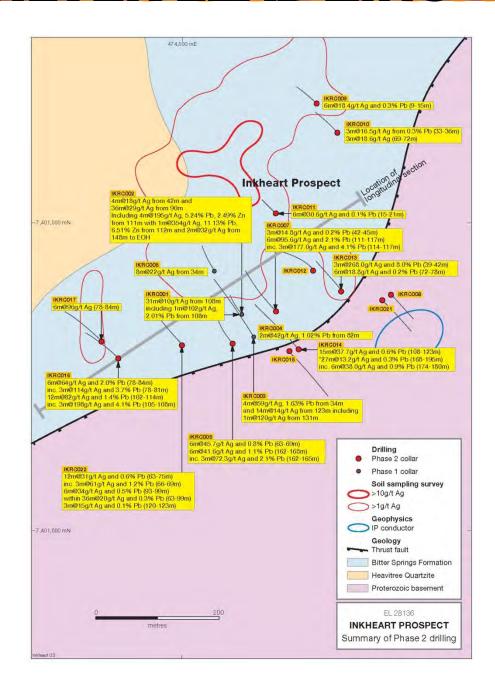




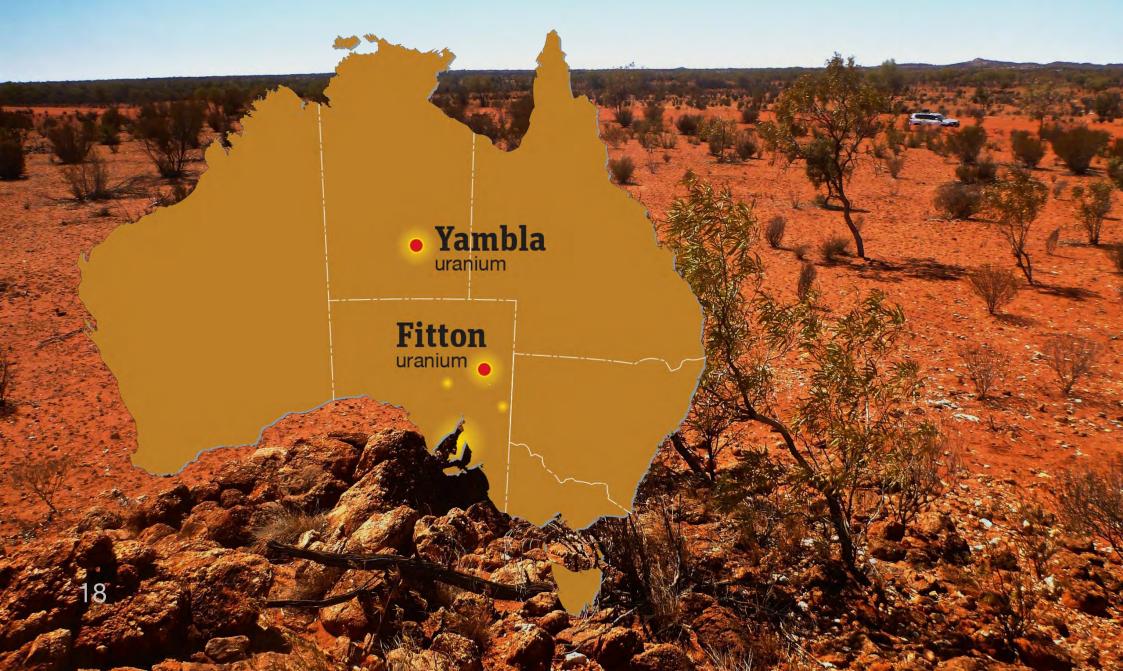
BLUEYS PROJECT SILVER LEAD ZINC

NT

- MOU recently signed with offshore organisation on Core's Blueys EL 28136 in the Northern Territory
- The non-binding MOU aims to establish a Joint Venture (JV) by which the incoming party can earn up to an 80% interest in EL 28136 by sole funding exploration over 2 years
- Conditions for JV decision to be completed toward the end of 2015



SA AND NT URANIUM PROJECTS



CORE'S URANIUM PROJECTS

IN SOUTH AUSTRALIA



- Core has made an outstanding discovery of high grade uranium on the 100% owned Fitton Project in South Australia
- Core's Fitton drilling in 2012 & 2013 intercepted exceptionally thick and high grade uranium
- Significant "new" discovery with genuine upside
- Fitton is located in a world-class, lowrisk uranium mining jurisdiction

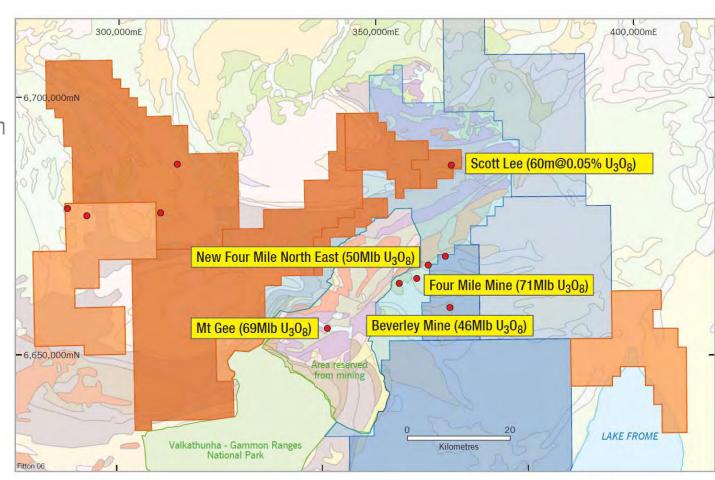


FITTON URANIUM DISCOVERY

IN WORLD-CLASS URANIUM MINING PROVINCE

Core's uranium discovery at Fitton only 25km from three operating uranium mines

- Proven world-class uranium mining district:
 - Beverley Mine
 - Beverly North Mine
 - Four Mile Mine
- Also host to new uranium deposits and exploration discoveries
 - Four Mile North East
 - CXO's Fitton
- First class and low risk exploration mining and export jurisdiction







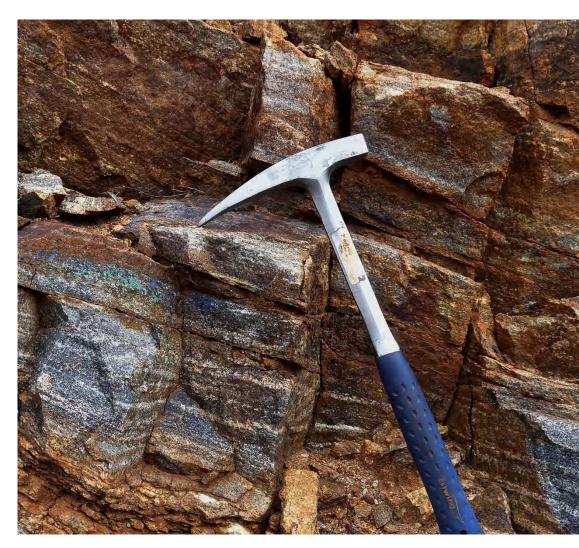
SOUTH AUSTRALIA
FITTON PROJECT
Location of tenure and
major uranium deposits

FITTON

ONE OF THE BEST URANIUM DISCOVERIES IN THE REGION SINCE FOUR MILE

Core's exploration work and drilling to date at Fitton has now confirmed that:

- uranium mineralisation outcrops (up to 0.30% U₃O₈ at surface)
- uranium mineralisation has high grade at depth (up to 4m @ 0.31% U₃O₈)
- indications of uranium mineralisation over substantial intersections (60m @ 0.05% U₃O₈)
- uranium mineralisation has been drilled and is open below 150m depth
- the mineralised Scott Lee structure has been drilled over 1km of strike and is open in both directions
- uranium mineralisation close to major unconformity

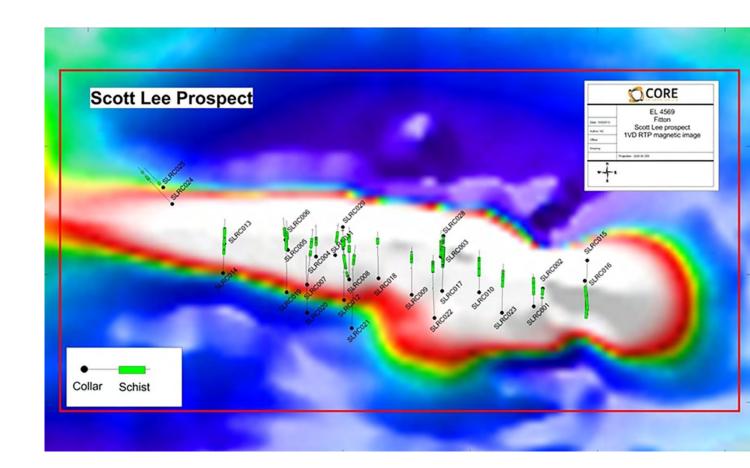




SCOTT LEE PROSPECT

FITTON PROJECT

- Host structure associated with mineralisation consistently intersected over 1km
- Structure open to both east and west and at depth
- Many additional structures close to major unconformity in the region to test





SCOTT LEE DRILL RESULTS

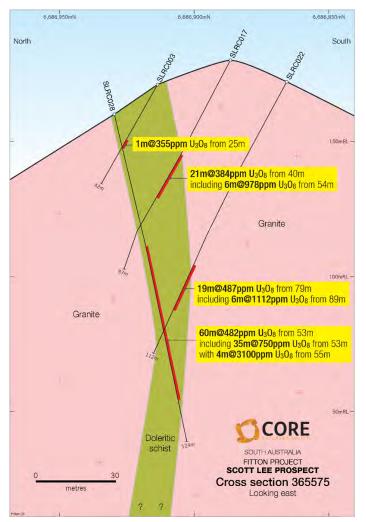
THICK AND HIGH-GRADE URANIUM INTERSECTIONS

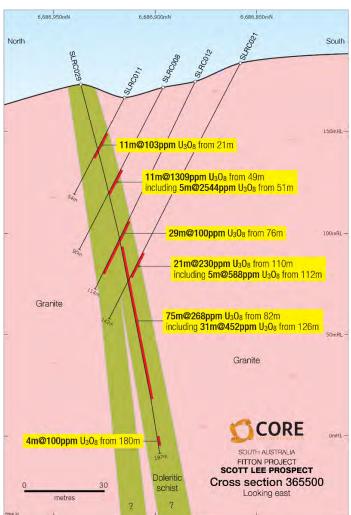
Hole SLRC017	21m @ 384ppm (0.04%) U ₃ O ₈ from 40m Inc. 6m @ 978ppm (0.10%) U ₃ O ₈ from 54m
Hole SLRC022	19m @ 487ppm (0.05%) U₃O₈ from 79m Inc. 6m @ 1,112ppm (0.11%) U ₃ O ₈ from 89m
Hole SLRC028	60m @ 482ppm (0.05%) U ₃ O ₈ from 53m Inc. 35m @ 750ppm (0.08%) U ₃ O ₈ from 53m Inc. 4m @ 3,100ppm (0.31%) U ₃ O ₈ from 55m
Hole SLRC029	75m @ 268ppm (0.03%) U₃O₈ from 82m Inc. 31m @ 452ppm (0.05%) U ₃ O ₈ from 126m



THICK AND HIGH-GRADE URANIUM

CROSS SECTIONS OF DRILLING









CATALYSTS FOR PRICE GROWTH

Yerelina Zinc, SA

- 9 metre mineralised (Zn/Pb/Ag) breccia and 30 metre intermittent breccia intersected in diamond drilling
- Assays in next 3-4 weeks

Jervois Domain, NT

- First RAB/RC drill program completed last week
- Core's surveys and modelling has identified strong sedex/vhms drill targets near KGL
- Assays in next 3-4 weeks

Albarta Zinc, NT

- 2014 drilling discovered new base metal sulphide system
- Recent MOU signed for \$2M JV to advance project

Fitton Uranium SA

- Significant uranium discovery within substantial footprint in world-class uranium mining province (U price sensitive)
- Recent acquisition of AGS 25% interest in the Fourmile U
 Mine next-door values that project at ~\$300 million





COMPANY INFORMATION

Shares		Board
Price A\$	~\$0.025	Stephen Biggins - Managing Director
Shares on issue	175M	(ex SAU, ex IVR)
Options (5-10c)	30M	Greg English – Non Exec Chairman
Market cap (undil.)	~\$4.5M	(AXE, LCK)
Cash (31/09/15)	~\$0.65M	Heath Hellewell – Non Exec Director
Top 20 (Consolidated)	~45%	(DKM, ex DRY)



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This report also includes exploration information that was prepared and first disclosed by Core under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. The information in all previous announcements has been compiled by Mr Stephen Biggins as the Competent Person and who provided his consent for all previous announcements. The information that was reported in announcements previously released under JORC Code 2004 are announcements dated \$10.000 for the project, SA. and 19/03/2013 titled "High Grade Lead-Zinc-Silver Assays from S.A. Project"

Recent announcements

21/10/2015	Second zone of breccia and veining intersected at Yerelina
12/10/2015	9 metre mineralised breccia zone at Yerelina Zinc Project
6/10/2015	Cores Jervois Domain Drilling Underway
7/09/2015	Core's Diamond Drilling Underway on Yerelina Zinc Project
7/07/2015	Large zinc and lead anomaly targeted at Yerelina
3/07/2015	Significant uranium transaction bordering CXO Fitton Project
18/06/2015	CXO Awarded Funding to Drill Zn Ag & Pb Mineralisation in NT
16/06/2015	Further Zinc Mineralisation Found at Yerelina
04/06/2015	Jervois Domain modelling defines strong drill targets
02/06/2015	10m wide gossan found at Yerelina Zinc Project
13/05/2015	Multiple drill targets identified at Jervois Domain, NT
5/05/2015	New zinc target identified at Black Gate Prospect
22/04/2015	Core awarded PACE co-funding to drill zinc project
30/03/2015	Study strengthens potential of Core's Jervois Domain Project
10/02/2015	Federal co-funded CSIRO research targets CXO Jervois Domain
29/01/2015	Jervois Domain final AEM confirms conductive targets
	12/10/2015 6/10/2015 7/09/2015 7/07/2015 3/07/2015 18/06/2015 16/06/2015 04/06/2015 02/06/2015 13/05/2015 5/05/2015 22/04/2015 30/03/2015 10/02/2015

