



NT LITHIUM PROJECTS



ASX code: **CXO**

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WHY INVEST IN CXO

- Largest lithium tenement holding in the NT with early mover advantage
- Largest pegmatite mine in the NT
- Largest lithium pegmatite target in the NT
- CXO's Market Cap of ~\$9M is currently multiples below peer ASX lithium explorer valuations (refer following slide)
- LTR currently drilling pegmatites next door with upcoming news flow
- Fully funded for its work programme offering significant leverage to exploration success
- CXO currently undertaking a systematic evaluation of the Lithium potential of its NT assets
- CXO expects to receive drilling approvals next month

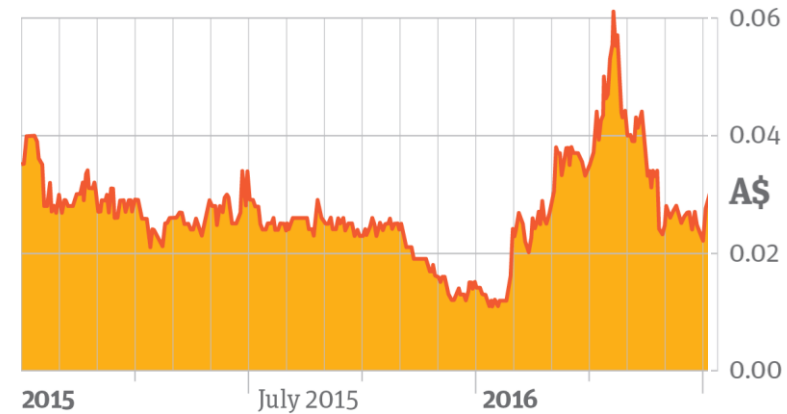


COMPANY INFORMATION

Shares

Price A\$ (06/07/2016)	~\$0.035
Shares on issue	271M
Options	118M
Market cap (undil)	~\$9M
Cash (30/06/2016)	~\$2.4M
Liquidity (2016 avg)	7.6M/day(3%)
Number of shareholders	~1,000

Share price



Management

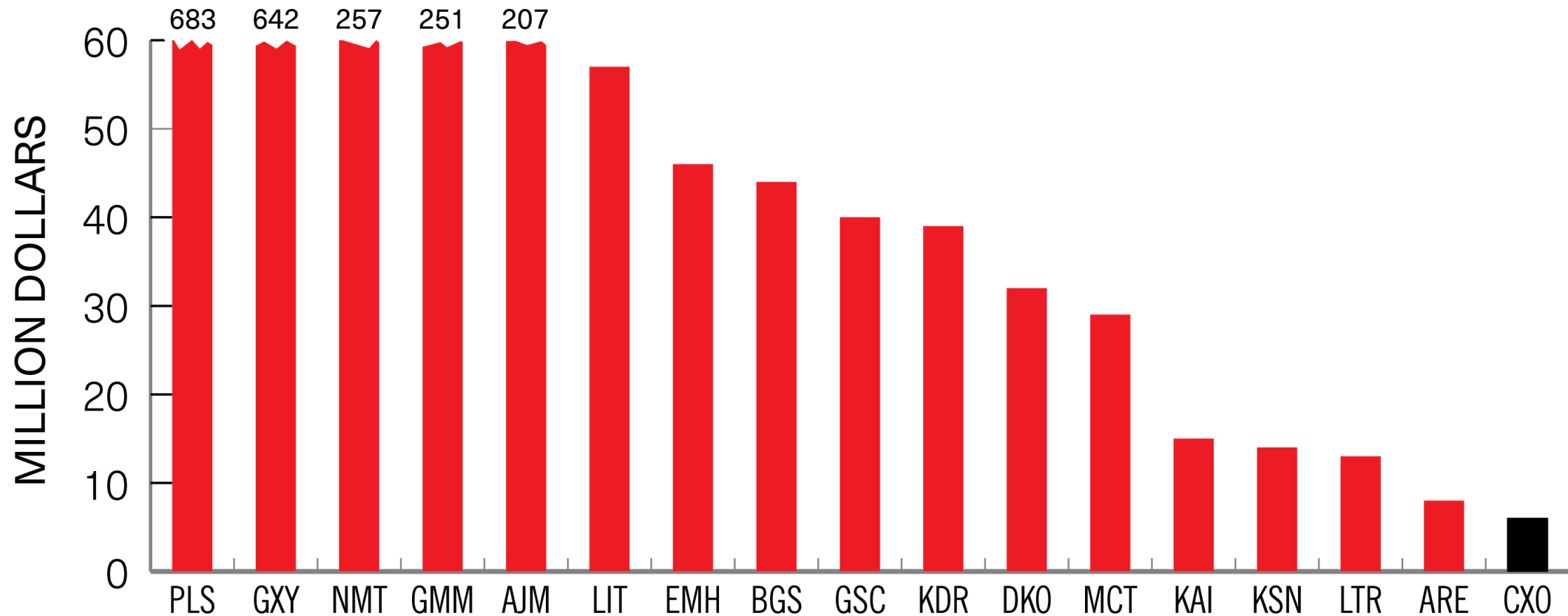
Stephen Biggins – Managing Director
ex SAU, IVR

Greg English – Chairman
AXE, LCK

Heath Hellewell – Non-executive Director
CMM, DKM, ex DRM



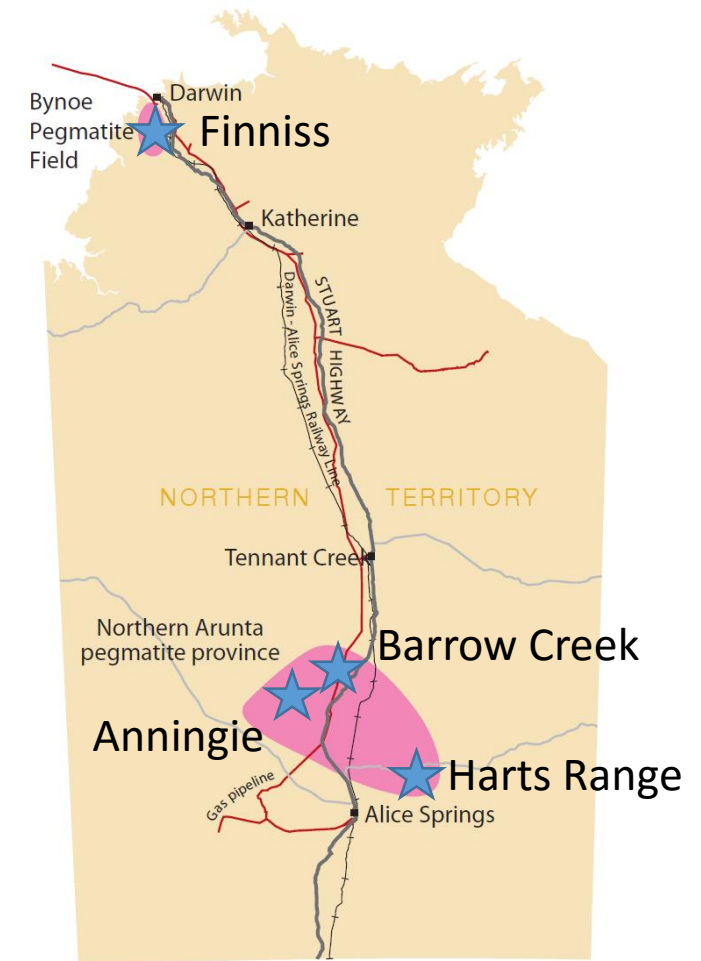
ASX LITHIUM SECTOR COMPARATIVE MARKET CAP



CXO DOMINANT POSITION IN NT PEGMATITES

Core has strong position in major Pegmatite Provinces in the NT : Bynoe and Northern Arunta

- Building on Core's expertise and experience in the NT, Core has identified and positioned the Company in pegmatite fields highly prospective for lithium
- Core's tenure covers 3,000km² focussed in and around pegmatite fields with a long history of tin tantalum production in the NT



CXO LITHIUM UPDATE

Strong project portfolio of lithium-rich pegmatites in the NT comparable in scale to Pilgangoora

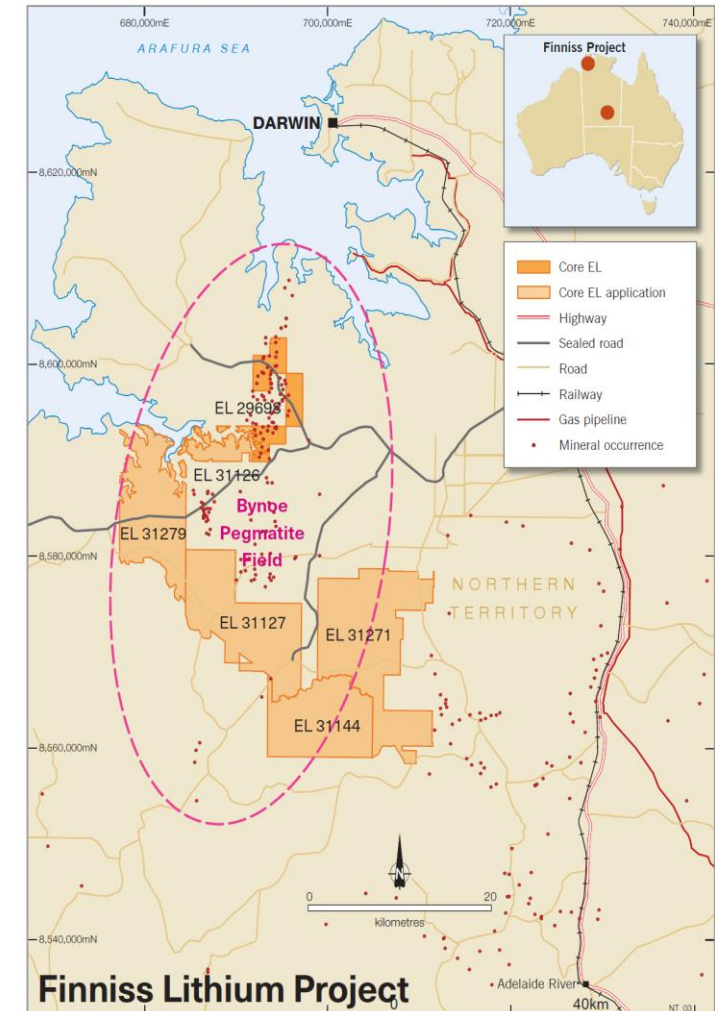
- Core has recently discovered Pegmatites comparable to those at Pilgangoora in WA. Zola Pegmatite is over 450m width at least 1,000m long on Core's Finniss Lithium Project
- Newly identified pegmatites indicate that the Bynoe Pegmatite Field, covered by the Finniss Lithium Project, is up to 20km wide and 75km long
- Core has recently doubled its tenement holding in the Finniss Lithium Project
- As at Greenbushes, because of weathering on CXO's Finniss Lithium Project, economic lithium mineralisation does not occur at surface, so drilling is the primary tool for defining lithium grades
- Core's mapping, sampling and soils are defining high quality large scale lithium pegmatite drill targets
- Approvals for drilling expected next month



FINNISS LITHIUM PROJECT, NT

Finniss Lithium Project in the NT

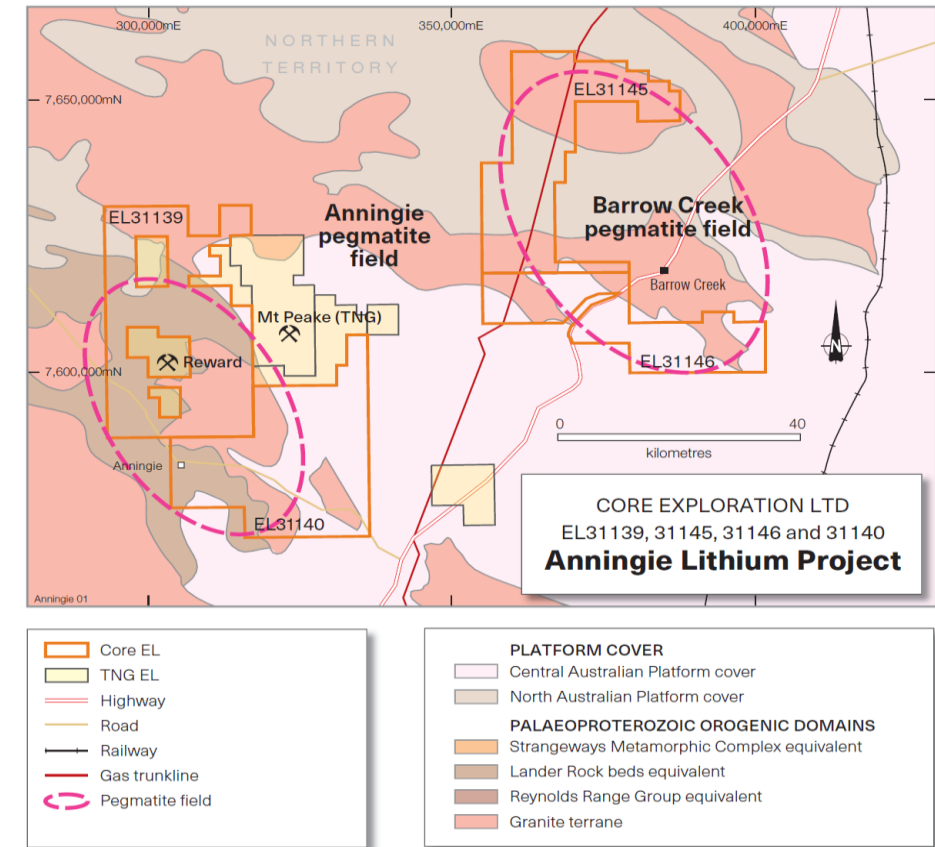
- Core holds large project tenure covers close to 500km² in the lithium rich Bynoe Pegmatite Field
- The Bynoe Pegmatite field is one of the most prospective areas for lithium in the NT and has many similarities to Greenbushes
- Project includes Mt Finniss Mine the largest pegmatite mine in the NT
- Core also recently identified the large Zola pegmatite which is comparable in scale to pegmatites in the Pilbara
- Spodumene and amblygonite identified in the Bynoe pegmatites, however historic mining and exploration focussed on tin-tantalum
- Easy trucking distance to Port Darwin – Australia's closest port to Asia



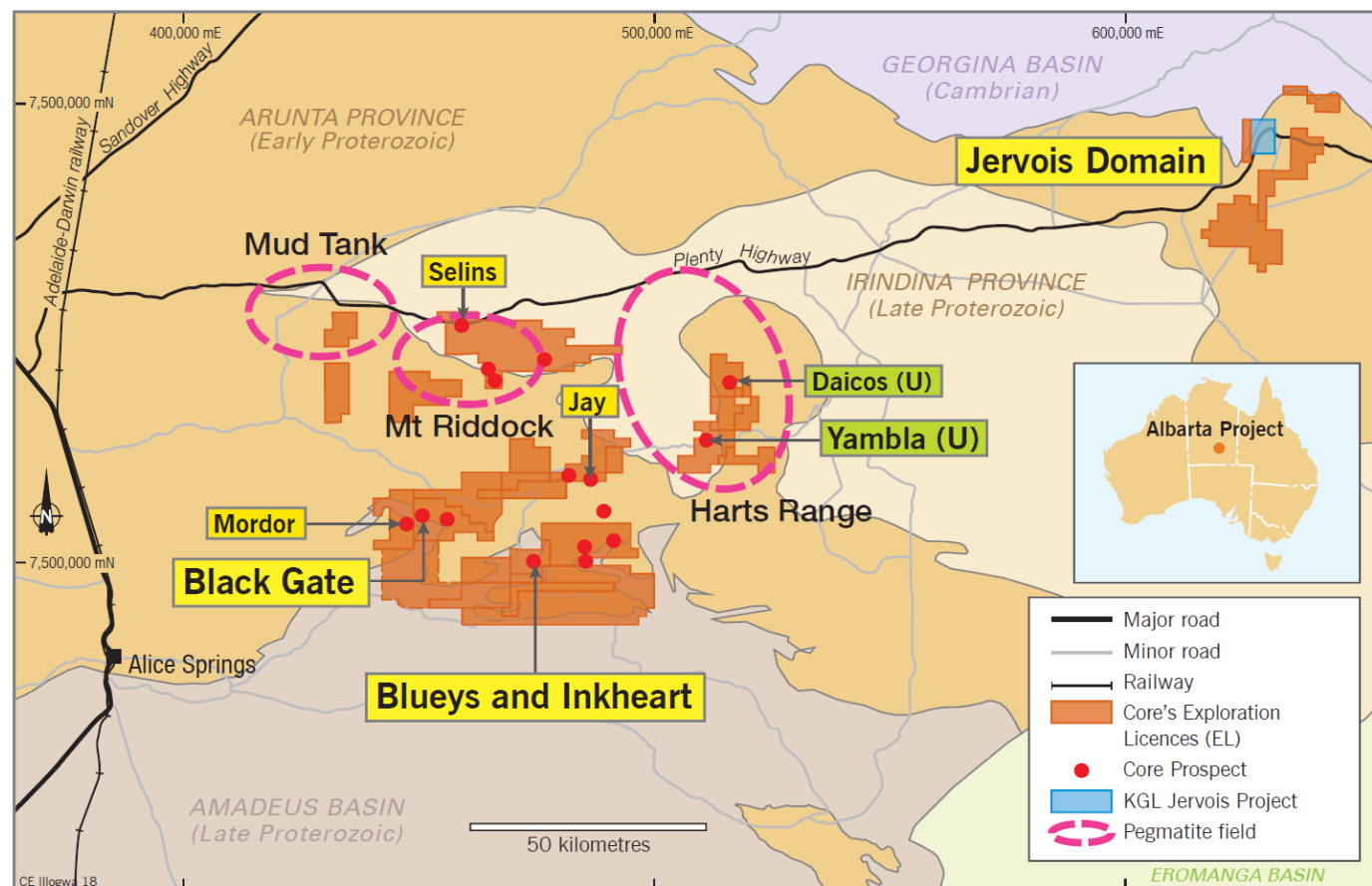
ANNINGIE AND BARROW CREEK PEGMATITES RECENTLY EXPANDS LITHIUM FOCUS

Core's lithium projects cover a large position in the Northern Arunta pegmatite province

- Core holds 2,500 km² of lithium prospective tenements in the Anningie and Barrow Creek pegmatite fields near TNG's Mt Peake
- Spodumene, elbaite and other lithium minerals have historically been identified in the Anningie Pegmatite Field
- Tin mining from pegmatites started in 1935 at Anningie
- Lithium contents of the nearby Barrow Creek Pegmatite Field granites are considerably higher than most other granites in the NT (comparable to source granites in the Bynoe)
- Core's dominant tenure position now covers a large portion of the total historic tin tantalum pegmatite production in the NT



EXISTING TENURE IN HARTS RANGE AND MT RIDDOCK PEGMATITE FIELDS ALSO PROSPECTIVE FOR LITHIUM



FINNISS LITHIUM PROJECT AND MINE:

EVALUTING PEGMATITE MINES FOR LITHIUM DEVELOPMENT POTENTIAL

All of Australia's economic resources of lithium are hard-rock pegmatite deposits

The world largest lithium deposit is the Greenbushes tin-tantalum-lithium pegmatite mine in WA

Core holds a dominant position in the NT tin-tantalum in multiple pegmatite fields that include:

- 1,000m x 450 wide Zola Pegmatite
- Mt Finniss mine - the largest tin-tantalum pegmatite in the NT
- 25 other historic pegmatite mines within the Finniss Lithium Project

Core is currently evaluating the lithium potential of mine workings, dumps and past production as well as mapping surface mineralogy and soils to rank large scale pegmatite targets for drilling



MT FINNISS MINE

Mt Finnis Mine - the largest historically producing tin and tantalum pegmatite mine in the NT

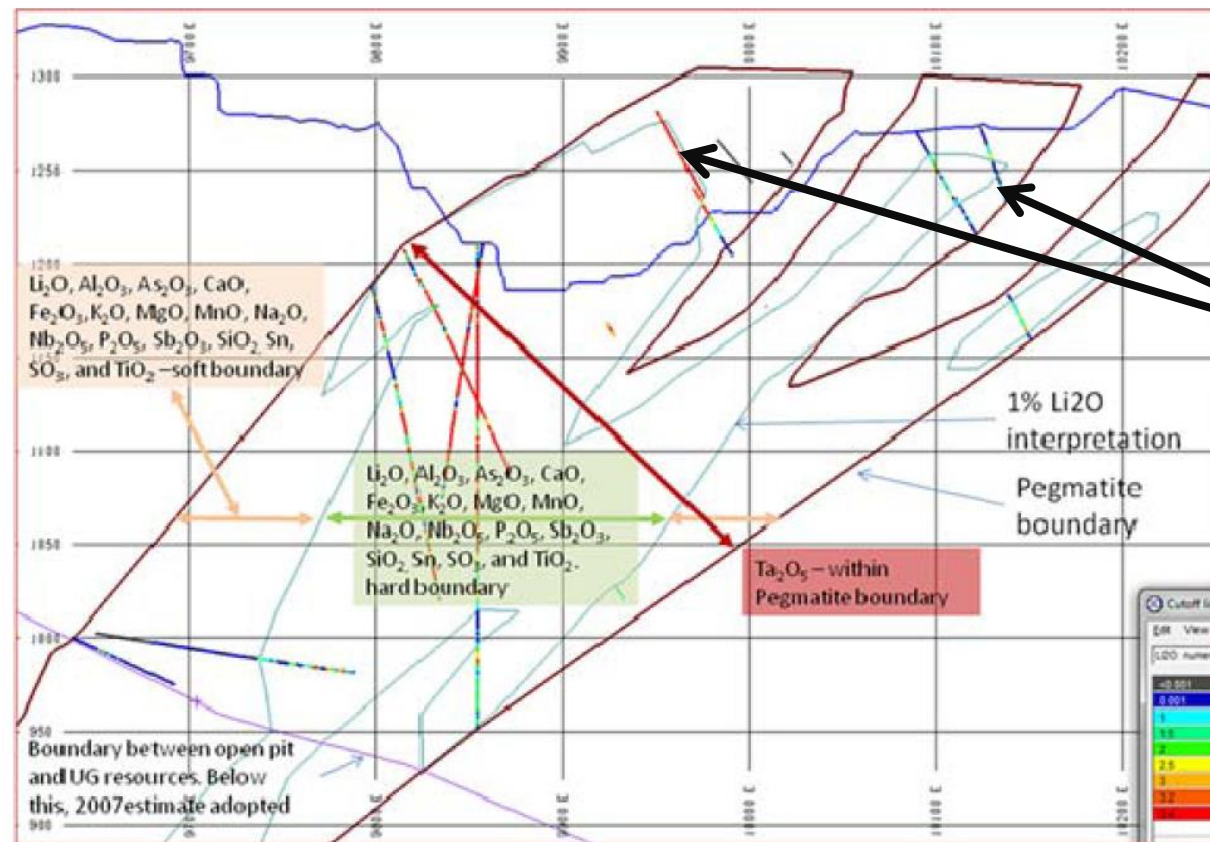
- ~100 years of mining history
- Underground, open cut and shallow workings and dumps over a 400 x 500m area
- Pegmatites up to 80m wide
- Five zones : grading from a border zone at the outer contact to a quartz dominant core
- Like Greenbushes, Mt Finnis Pegmatite is weathered to clay and easily mined for resistant tin and tantalum minerals near surface
- Pegmatite strongly enriched with lithium assay up to 0.8% Li_2O in weathered pegmatite
- Drilling is the only effective way to test the Lithium potential



Lithium at Finniss and Greenbushes is Depleted Near Surface

Drilling only way to test Lithium potential

Cross-Section from:
Greenbushes
NI43-101 Technical Report
15/06/2011
Talison Lithium Limited



+1% Li₂O shell does not come to surface



FINNISS PEGMATITE, NT v GREENBUSHES PEGMATITE, WA

Characteristics	Greenbushes	Finniss
Tin production started in the 1880's	✓	✓
Early production from alluvials and then from primary pegmatites	✓	✓
Tantalum production started in the mid 1900's	✓	✓
Large scale Pegmatites	✓	✓
Weathered and lithium depleted at surface	✓	✓
Systematic exploration for lithium	✓	CXO 2016
Economic lithium discovered after ~100 years of mining	✓	?
Largest and highest grade lithium mine in the world	✓	?



Finniss Pegmatites Comparable to Pilgangoora

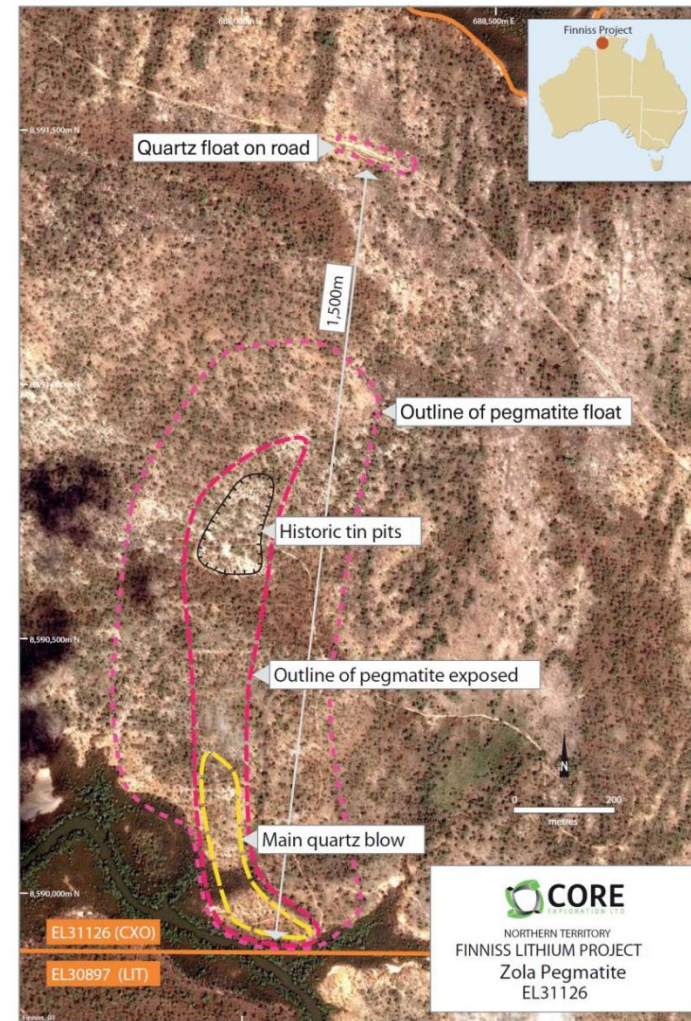
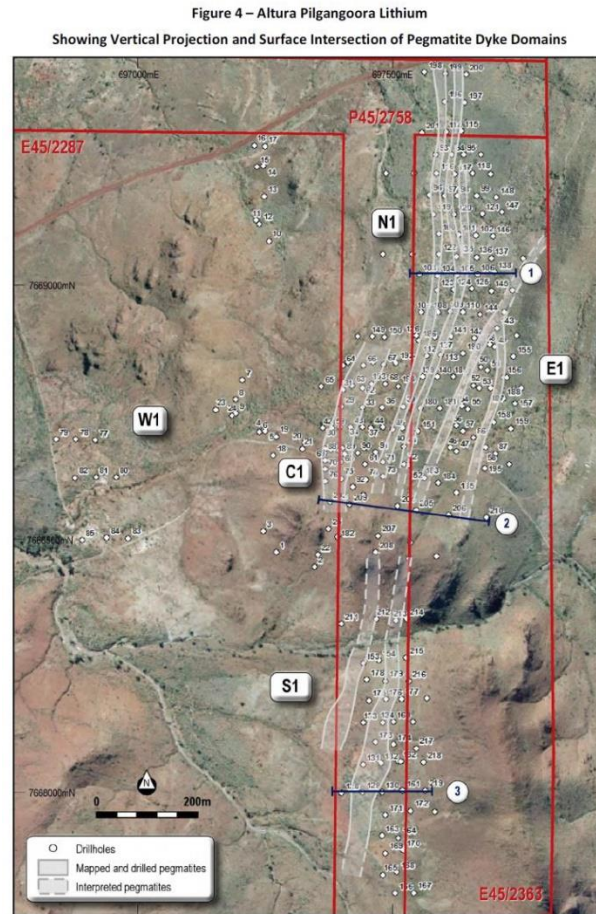
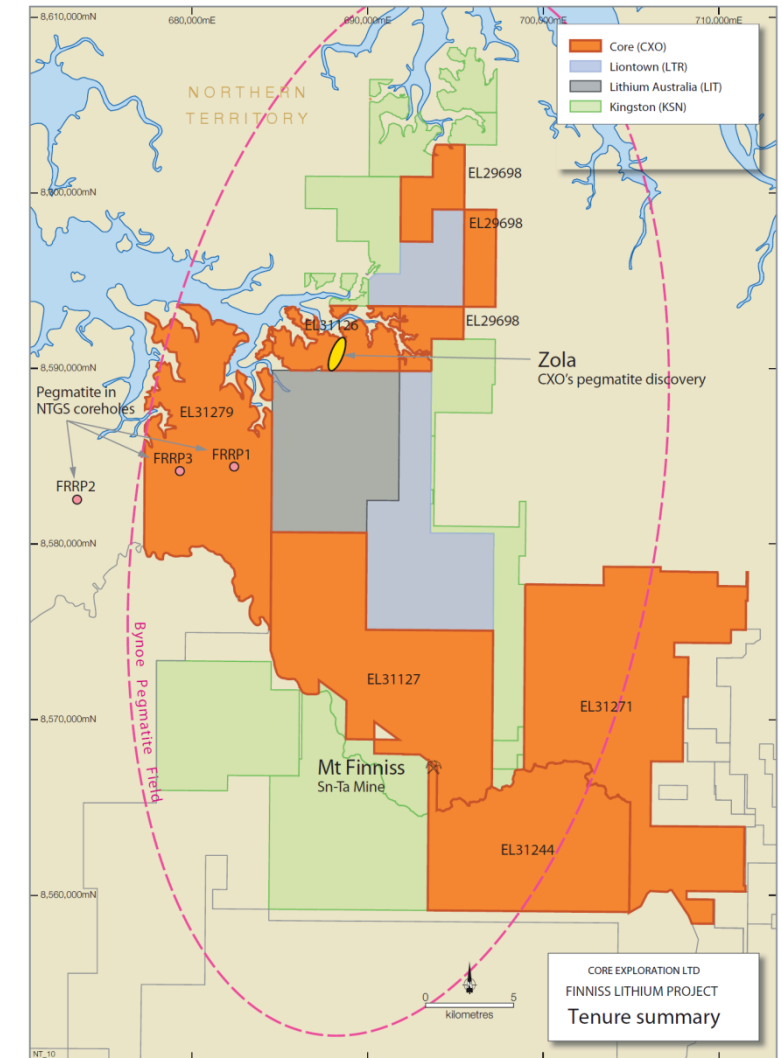


Figure 1. Core's Zola Pegmatite (CXO Finniss Lithium Project) and Altura Mining's Pilgangoora Lithium pegmatites (35.7 million tonnes @ 1.05% lithium – AJM 11/02/2016) compared at same scale (figure from AJM Pilgangoora Resource Update 14/09/15).



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06/07/2016	Core Doubles Lithium Landholding
23/06/2016	New Large Scale Lithium Pegmatite Target defined at Finniss
25/05/2016	Rock chip assays confirm potential - Finniss Lithium Project
15/03/2016	Core Expands Dominant Position in NT Lithium Pegmatites
02/03/2016	CXO adds 25 historic pegmatite mines Finniss Lithium Project
08/02/2016	New Lithium Project includes largest tin tantalum mine in NT

