

ASX: RXL

ROX RESOURCES LIMITED



***A Diversified and
Well Funded Explorer***

Ian Mulholland, Managing Director

Investor Presentation, 18 May 2011

Competent Person Statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Ian Mulholland BSc (Hons), MSc, FAusIMM, FAIG, FSEG, MAICD, who is a Fellow of The Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientists. Mr Mulholland has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking 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 Mulholland is a full time employee of the Company and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

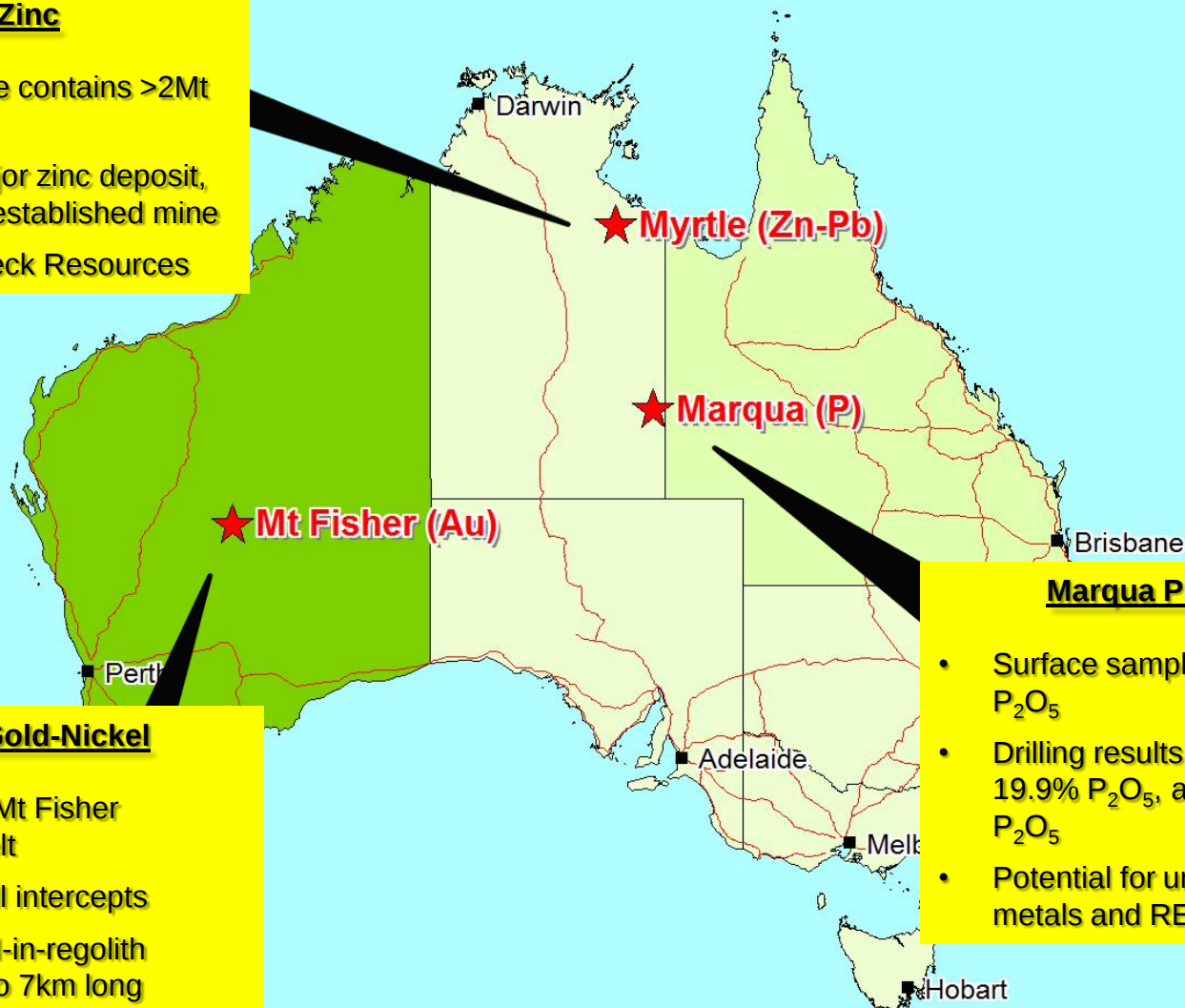
Rox Strategy

- Potentially large projects
- Favourable locations
- No specific commodities, but favour gold & base-metals
- Must be fundable
- Always looking for opportunities

Project Locations

Myrtle Zinc

- Current resource contains >2Mt Zn+Pb metal
- Potential for major zinc deposit, just 20km from established mine
- \$15M JV with Teck Resources



Mt Fisher Gold-Nickel

- 615km² of the Mt Fisher Greenstone Belt
- High Grade drill intercepts
- Significant gold-in-regolith anomalies up to 7km long

Marqua Phosphate

- Surface samples up to 39% P₂O₅
- Drilling results include 6m @ 19.9% P₂O₅, and 5m @ 23.7% P₂O₅
- Potential for uranium, base-metals and REE

Myrtle Location

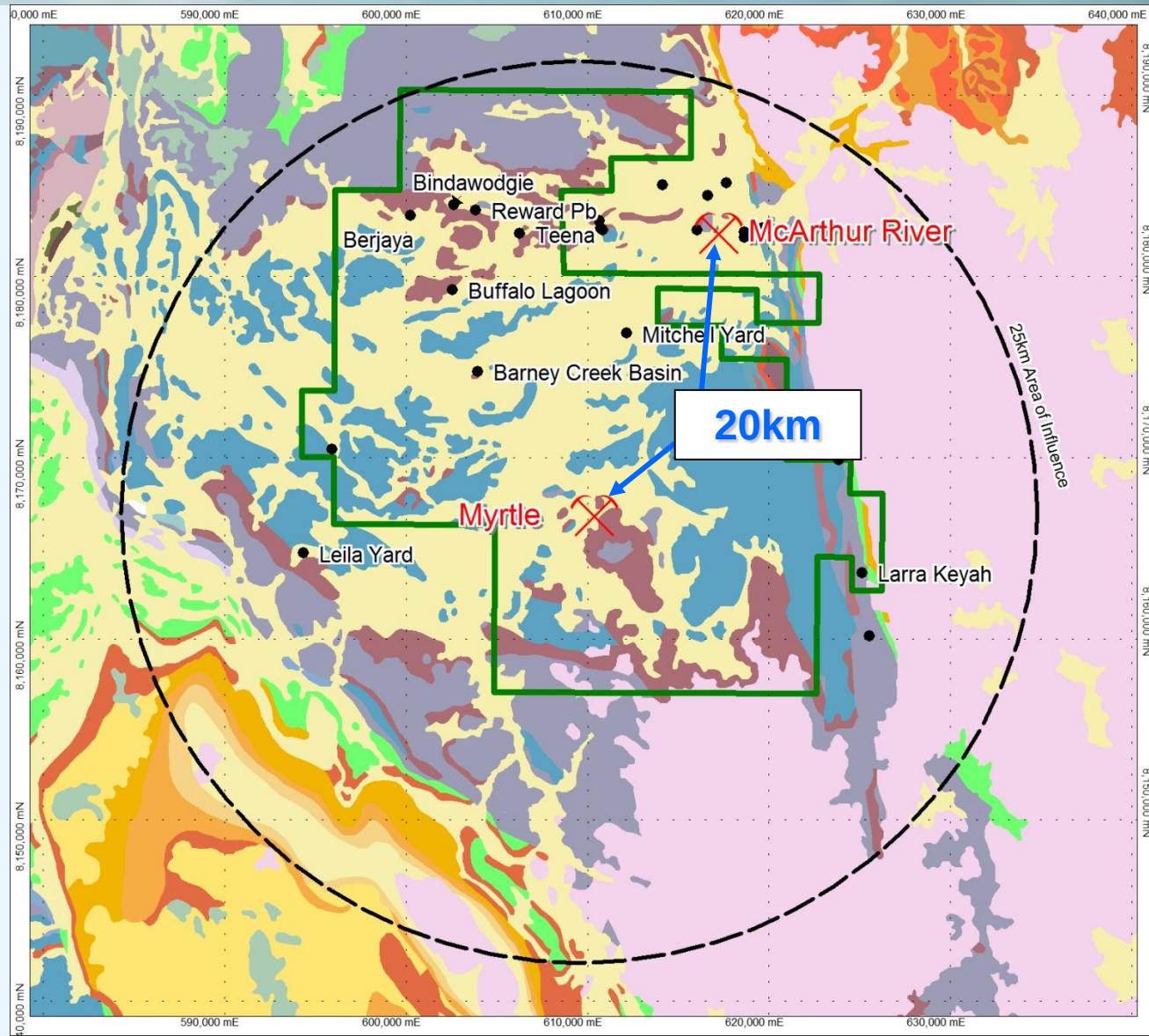
- Halfway between Darwin and Mt Isa
- 20km south of world class McArthur River Pb-Zn mine (3% of world's Zn production) ~ 200,000 tonnes of Zn & Pb p.a.
- Adjacent to existing infrastructure at McArthur River (e.g. airport, road, gas pipeline, port)



- Located on pastoral lease
- NT Government one of the most helpful State or Territory Govts in Australia
- \$15m JV with Teck

Geology

- Favourable for SEDEX (very large) style Pb-Zn deposits
- McArthur River mine is world class size
- Rox owns 100% of 669 km² tenement area
- Host rocks form a series of sedimentary basins prospective for more discoveries



Current Resource



- **43.6 Mt @ 4.1% Zn, 0.9% Pb***
(3% Zn+Pb cut-off)

- Indicated 5.8 Mt @ 3.6% Zn, 0.9% Pb

- Inferred 37.8 Mt @ 4.2% Zn, 1.0% Pb

- **2.2 Mt contained Zn + Pb metal (4.8 B lbs)**

- **15.3 Mt @ 5.5% Zn, 1.4% Pb***
(5% Zn+Pb cut-off)

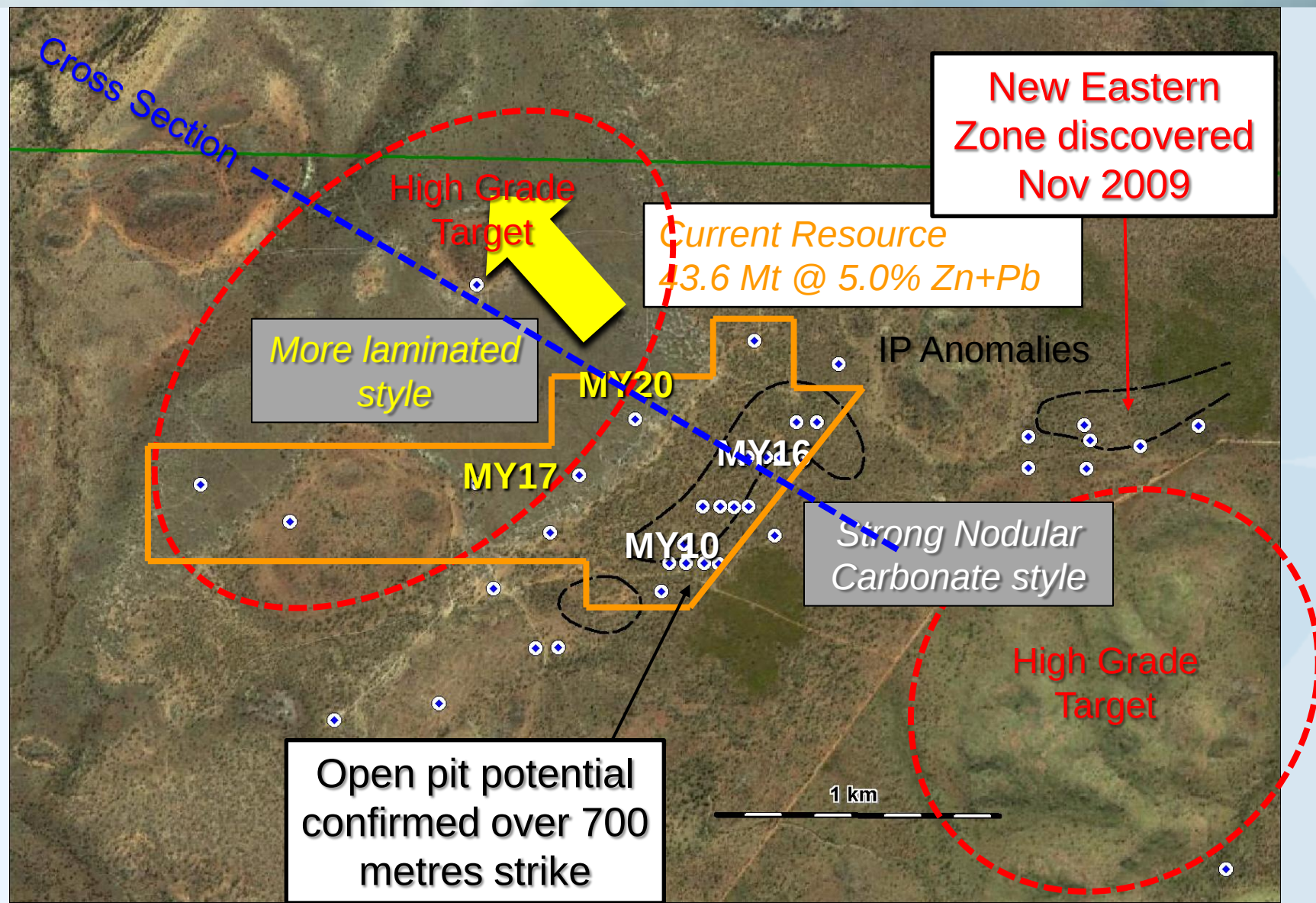
- Indicated 1.2 Mt @ 5.4% Zn, 1.4% Pb

- Inferred 14.1 Mt @ 5.5% Zn, 1.4% Pb

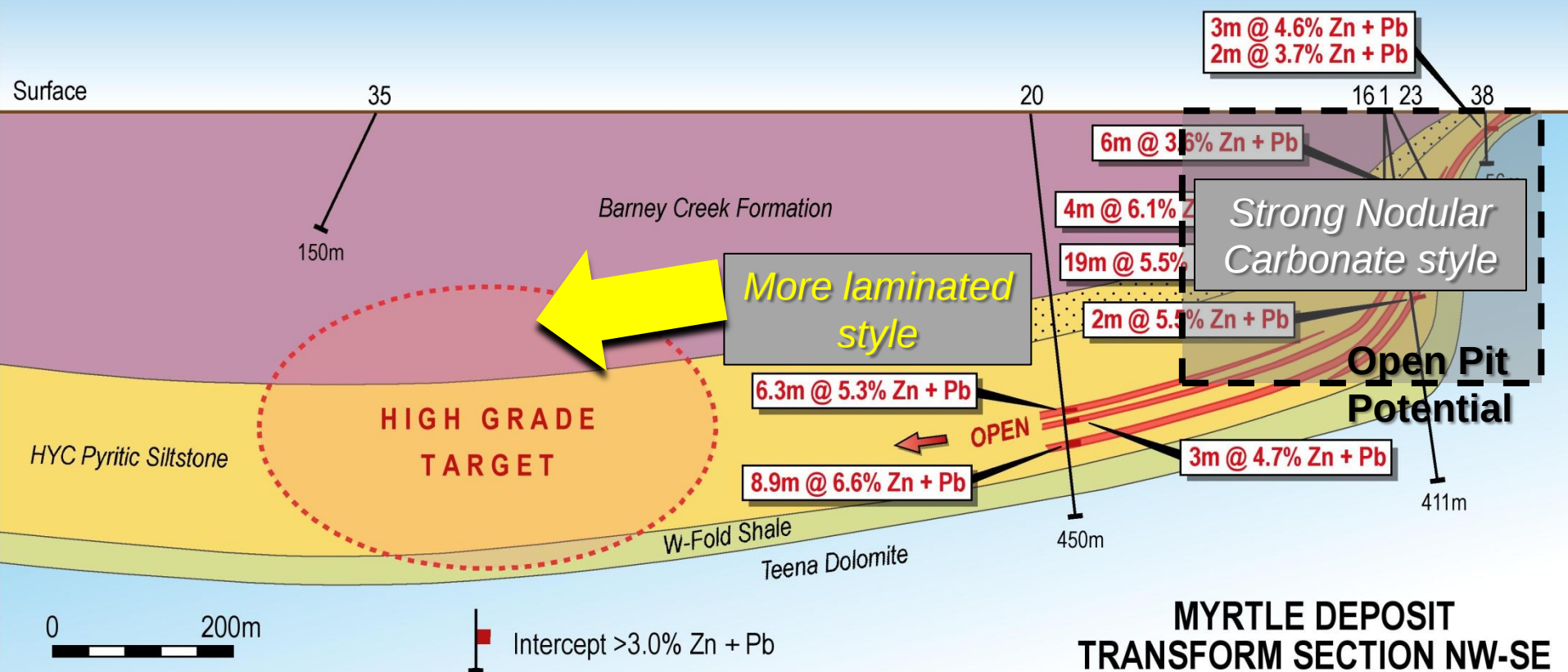
* There may be small rounding errors due to the use of significant figures.
Cross-section polygonal resource estimation method used.



Myrtle Basin Potential



Myrtle Basin Potential



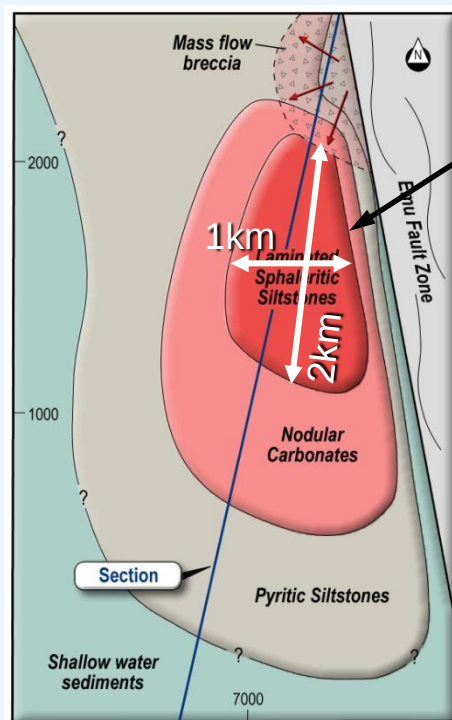
McArthur River Model

After Ireland et. al.*

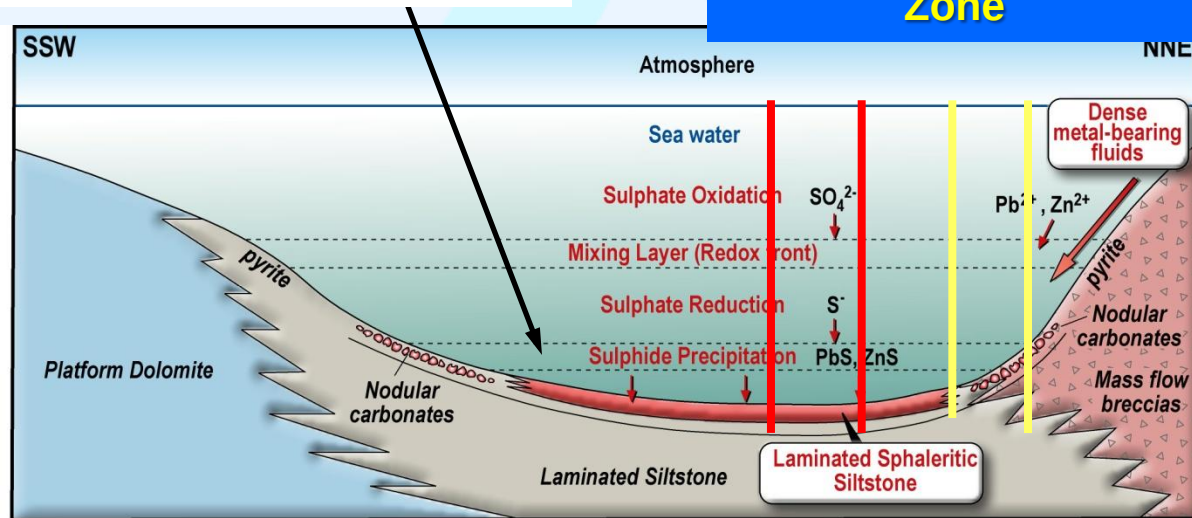
Central Zone of High Grade (1 x 2km) surrounded by Nodular Carbonate Zone

New drill holes to test High Grade Target

Existing drill holes located in fringe Nodular Carbonate Zone



Plan



Section

2km

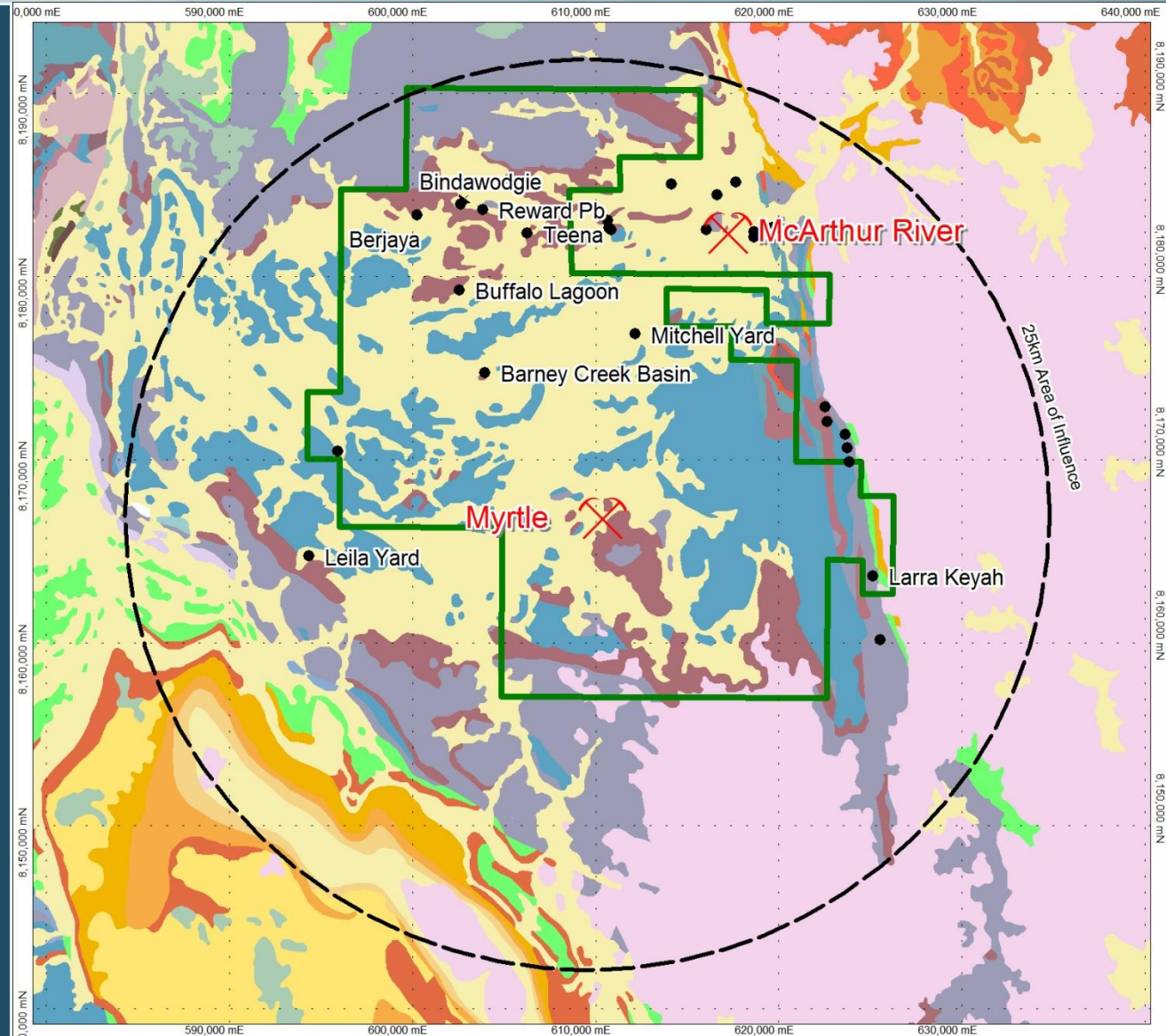
* Ireland et. al., 2004, Econ Geol. v.99, p 1687-1709, Figures 13 and 18

Joint Venture

- Teck is world's 2nd largest Zinc producer → production expertise
- US\$9B Mkt Cap → Financial strength → long term funding
- Minimum spend of \$1M, including 2,000 metres of drilling (will be completed in 2011)
- \$15M to earn 70% over 8 years
- \$5M to earn initial 51% over 4 years
- 25km radius Area of Influence
- Teck want to investigate “all prospects”, not just Myrtle → long term involvement

Exploration Potential

- Early (1960's) drill holes at Myrtle (MY1 & 2) were drilled short of target
- Anomalous Zn values in holes MY1 & 2 led to follow-up by Anglo in 2004-2005 and discovery of Myrtle
- Other prospects on the tenement also have shallow anomalous Zn values – need to be followed up

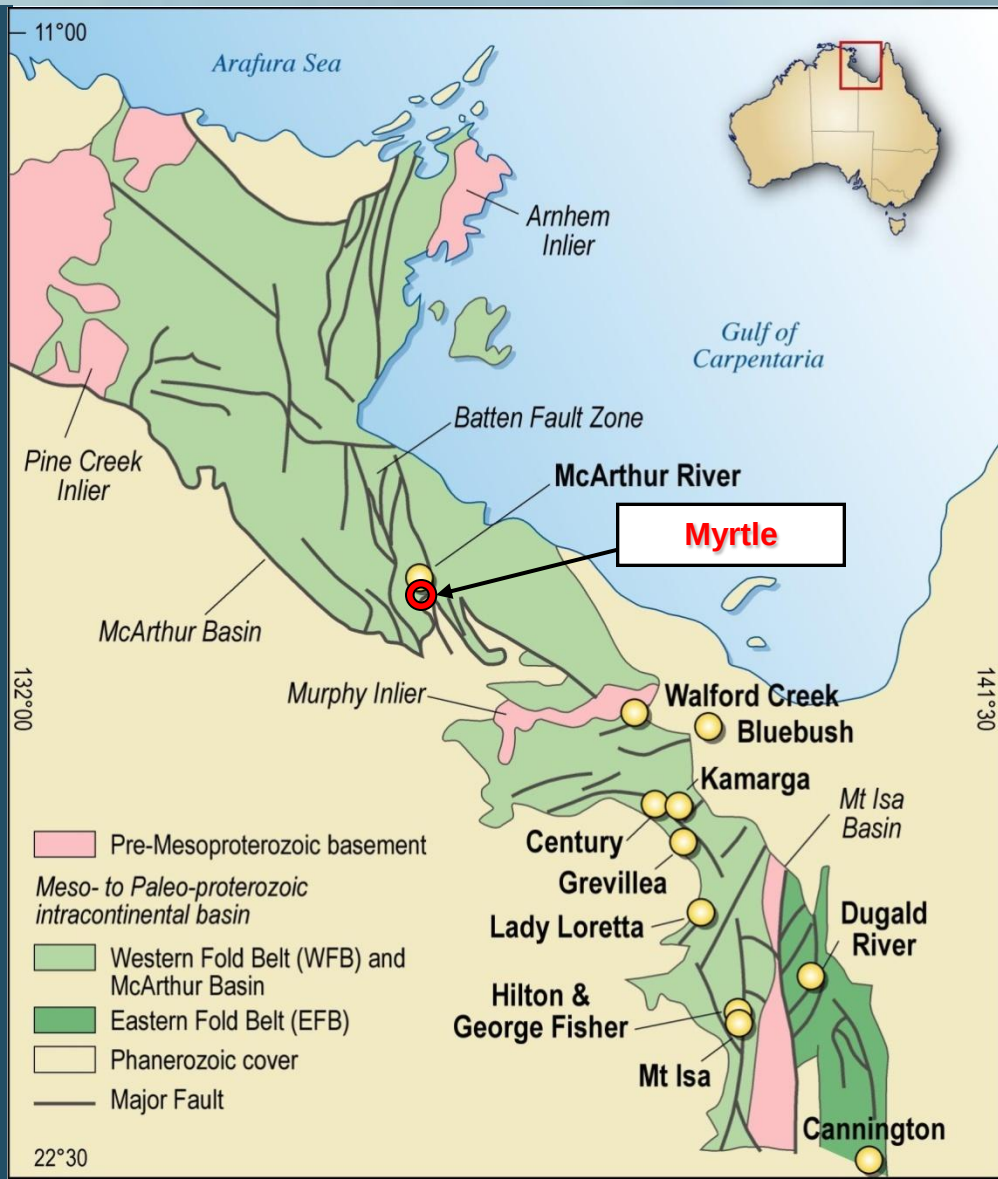


Giant Zn Deposits - Australia

Deposit	Owner	Mt Ore	Mt Pb+Zn
Broken Hill	Perilya, CBH (BHP)	280	51.8
McArthur River	Xstrata	227	30.4
Mount Isa	Xstrata	150	19.5
Hilton	Xstrata	120	20.3
George Fisher	Xstrata	107	17.7
Myrtle (target)	Rox/Teck	100-120	10-12
Century	MMG	95	14.1
Dugald River	MMG	48	6.8
Cannington	BHP	44	7.0
Myrtle (current)	Rox	44	2.2
Lady Loretta	Xstrata	14	3.1

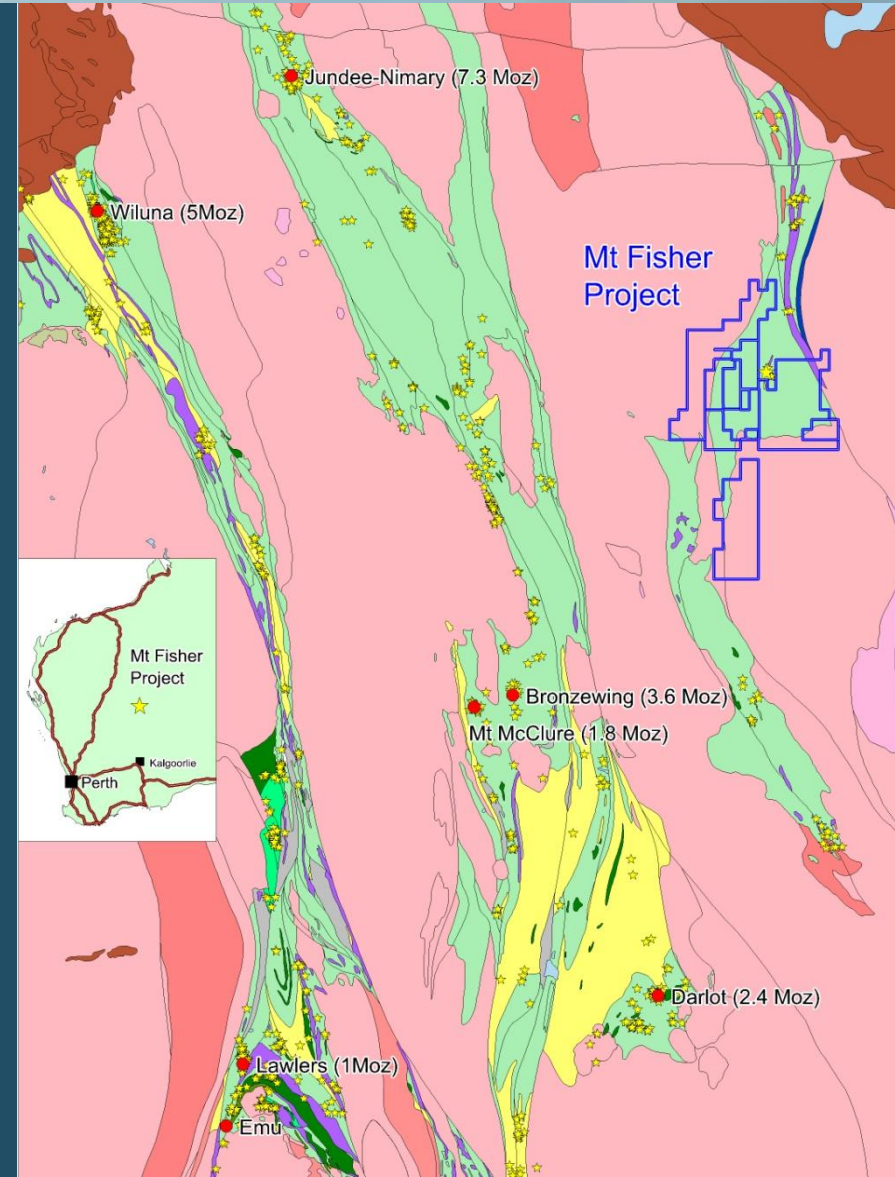
Apart from Myrtle, all owned by MAJORS

20% of the world's zinc reserves are contained in the Northern Australian Zinc province



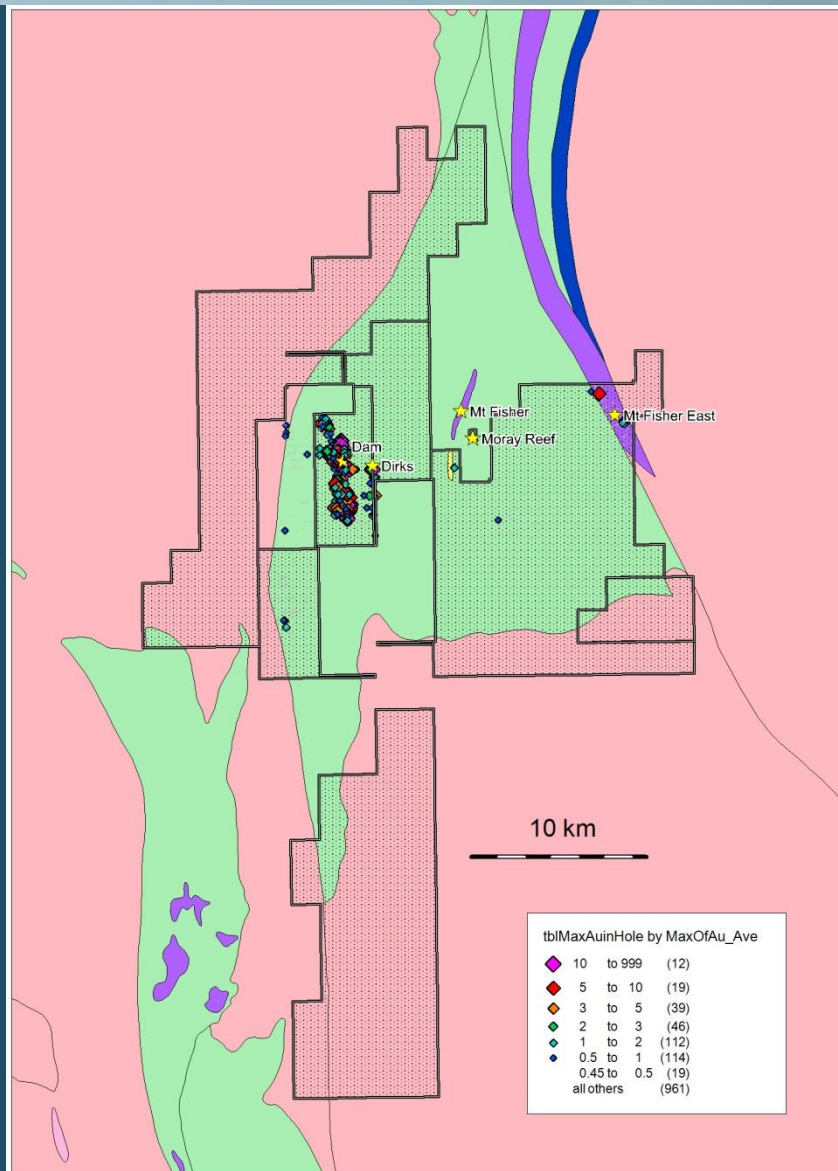
Mt Fisher Location

- About 130 km east of Wiluna, 450km north of Kalgoorlie
- Several multi-million ounce deposits on adjacent belts (e.g. Yandal Belt 17 Mozs)
- Mt Fisher belt hasn't had major discovery success yet
- Several known gold occurrences, so no reason it won't contain large deposits
- Small high-grade mining activities during the 1930's at Mt Fisher, and small moderate grade open cut mining there in the late 1980's
- Nickel potential along eastern ultramafic belt, demonstrated further north at the AK47 prospect



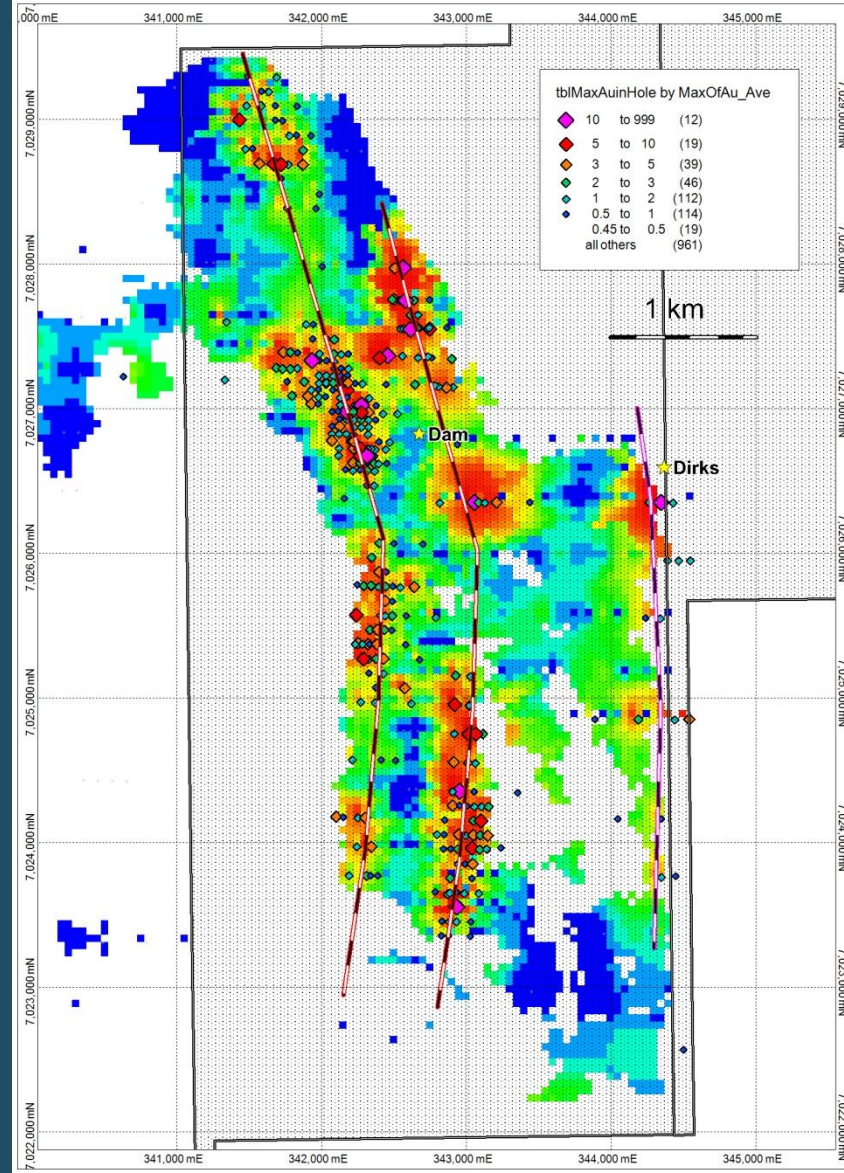
Gold Anomalies

- Tenement area is 612 km²
- Three main prospect areas: Moray Reef, Dam-Dirks, Mt Fisher East
- Drilling at Moray Reef includes 3m @ 67 g/t, 1m @ 187 g/t and 3m @ 8 g/t
- Regolith anomaly at Dam-Dirks is 7km long.
- Many high grade drill hits at Dam-Dirks
- Regolith anomaly at Mt Fisher East is 2-3km long
- 5 km long section of ultramafic that is prospective for nickel sulphide mineralisation
- Large areas still unexplored

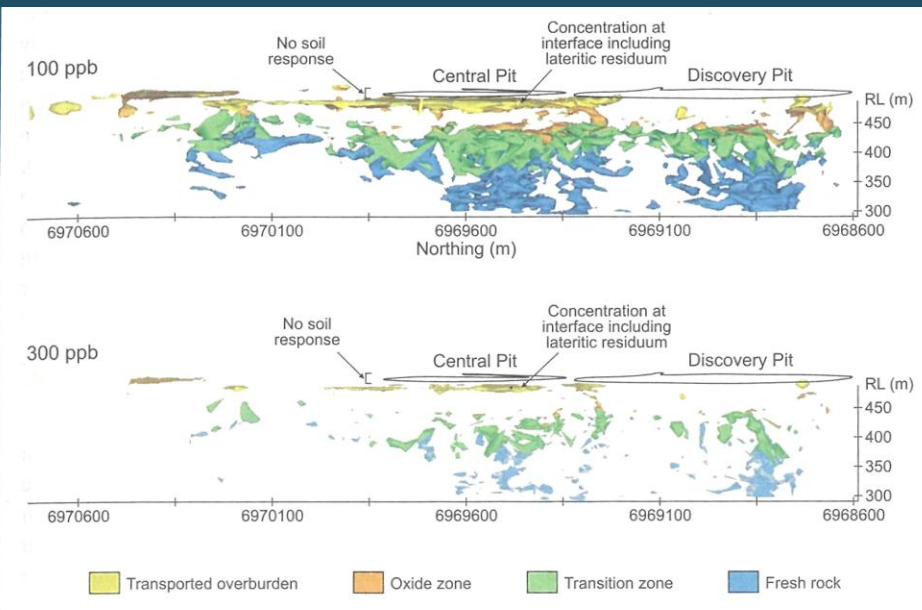


Dam-Dirks

- Three parallel structures
- Each structure has several “hot spots” which could relate to cross-cutting structures and/or sub-parallel splays
- Dam is the main prospect, although Dirks not drilled as extensively
- Drill intercepts at Dam include:
 - 9m @ 7.1 g/t
 - 3m @ 17.4 g/t
 - 1m @ 45.6 g/t
 - 4m @ 9.0 g/t
 - 2m @ 16.6 g/t, and
 - 8m @ 4.1 g/t
- Drilling at Dirks includes:
 - 2m @ 13.7 g/t

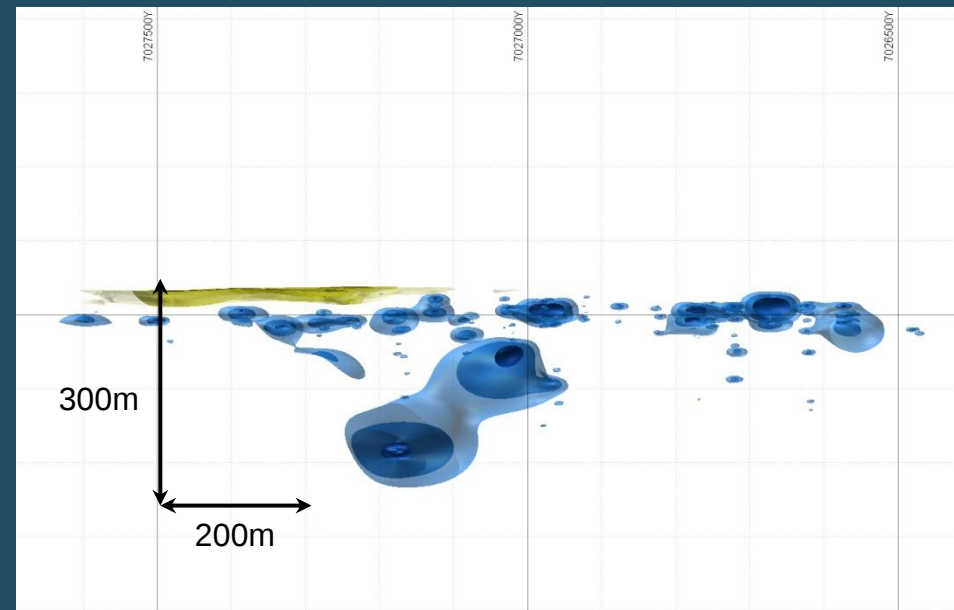


Regolith Patterns



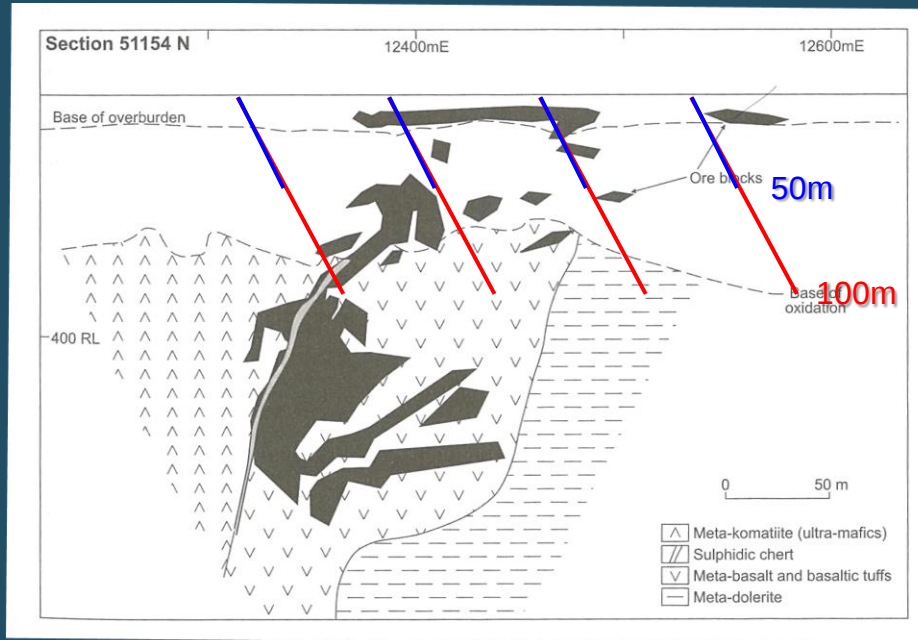
Bronzewing

- Surficial enrichment & dispersion around Base of Overburden
- Zone of depletion to just above Base of Oxidation (also gold enrichment here)
- Structures in fresh rock need to be located and followed down with drilling

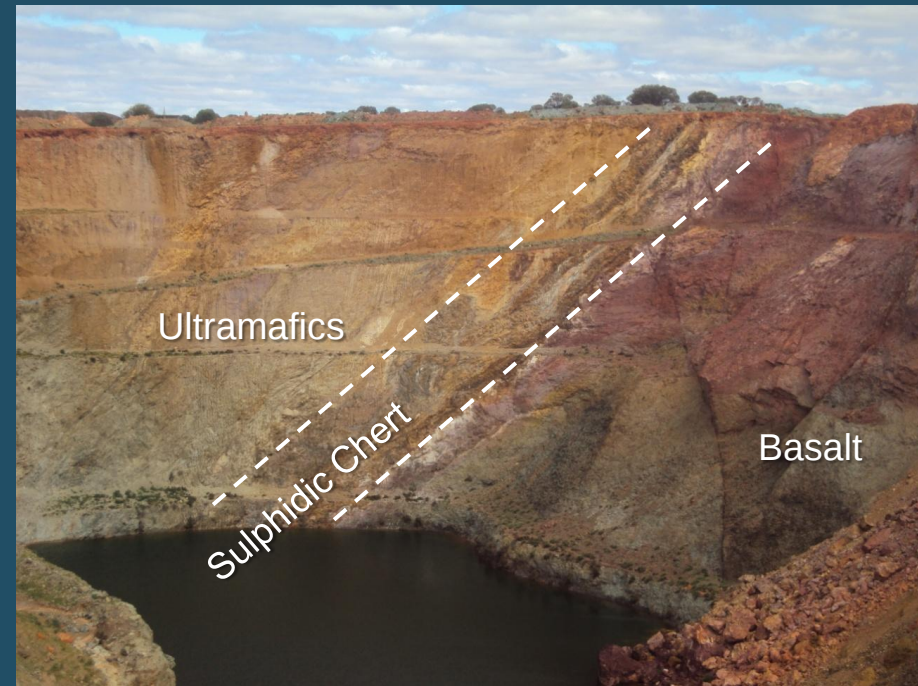


Mt Fisher (Dam Prospect)

Geological Similarities



Bronzewing



Mt Fisher

- Similar geological sequence, basalt → sulphidic chert → ultramafic
- Can be missed easily by drilling – e.g. 50m (blue) and 100m (red) holes
- Picture at Mt Fisher still very incomplete

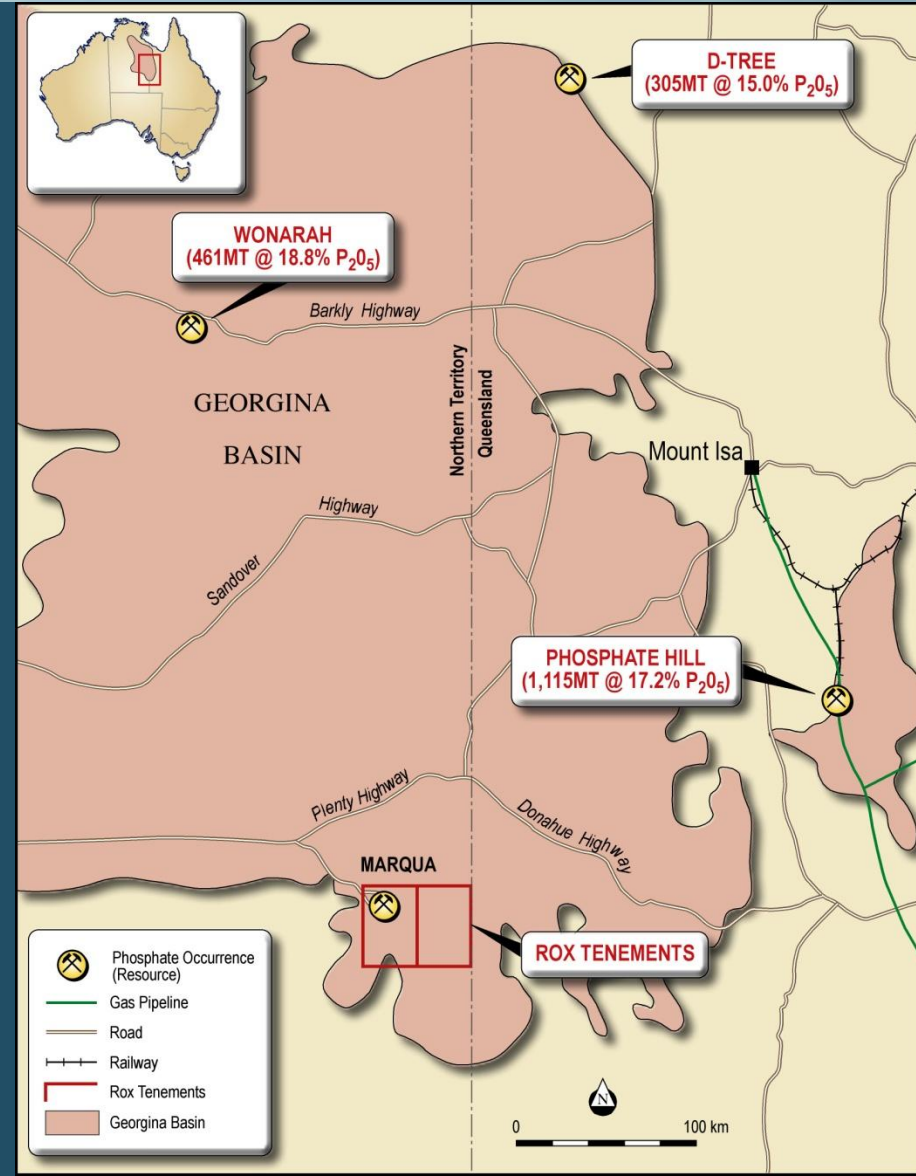
Marqua Location

- 450 km ENE of Alice Springs
- Adjacent to NT-QLD border
- Gravel road access from Alice Springs (and through to Mt Isa)
- Located on pastoral leases
- 350 km from Mt Isa and 250 km from Phosphate Hill mine in QLD

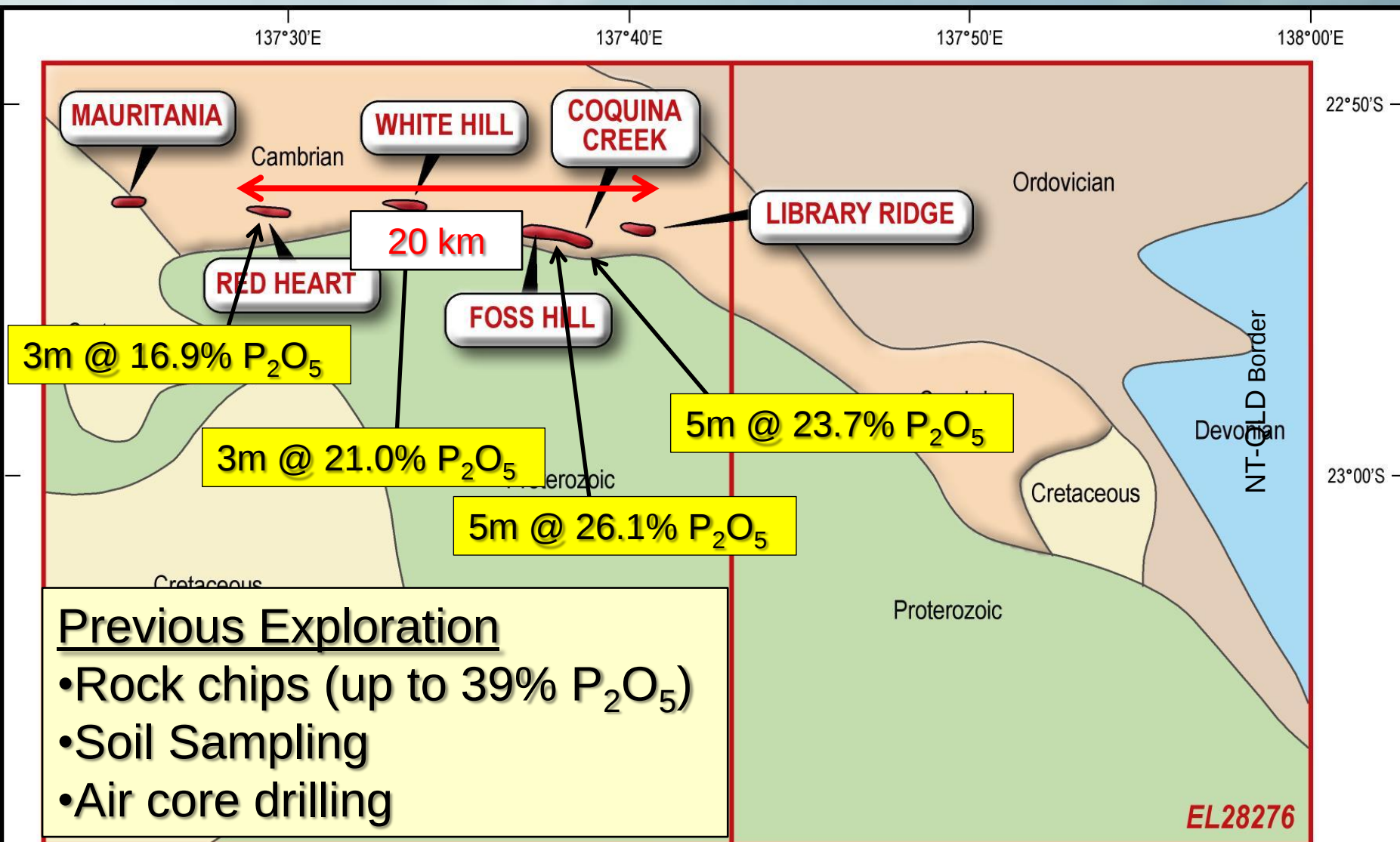


Georgina Basin, NT

- Georgina Basin is the main hard rock phosphate province in Australia (~86% of Australia's phosphate resources)
- Only operating mine is at Phosphate Hill (QLD) @ 2 Mtpa
- Other advanced phosphate projects are Wonarah , and D-Tree (Paradise)
- Marqua Phosphate project is 250 km from western QLD gas pipeline and nearest railhead at Phosphate Hill (south of Mt Isa)



Marqua Project



Company Snapshot

ASX Code: RXL

Issued Shares: 351,301,517

Market Cap: \$14.0 million (at 4.0 cents)

Options:

30,160,238	\$0.10	30 June 2011	Listed RXLO
30,017,527	\$0.015	31 July 2011	Listed RXLOA
3,750,000	\$0.038	26 Sep 2012	Unlisted

Cash: (at 31 March 2010): \$4.5 million

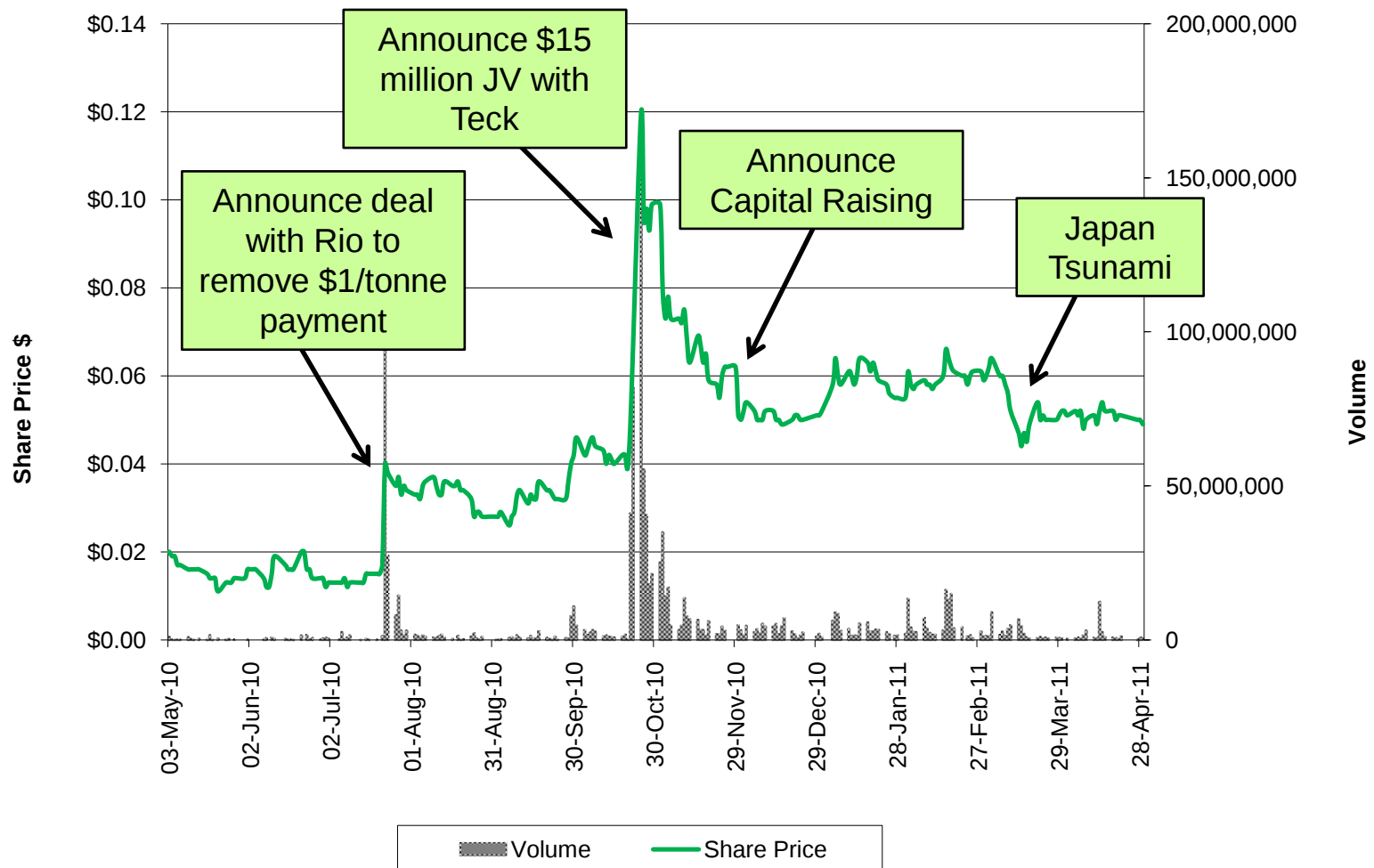
With Teck share placement and Options exercise \$5.4 million

Directors & Executive:

Chairman:	Jeff Gresham	(Geologist)
Managing Director:	Ian Mulholland	(Geologist)
Finance Director:	Brett Dickson	(Accountant)

Share Price

**Rox Share Price
1 May 2010 to 30 April 2011**



Rox Share Price Drivers

- Teck results from Myrtle – >2,000 metres of drilling in 2011
- Drilling at Mt Fisher to determine resource potential
- Exploration at Marqua including drilling to define resource potential
- 2nd/3rd Quarters

Summary

Projects in known areas for world class deposits - still relatively poorly explored

Myrtle

- JV funding secured with major zinc company
- High grade targets ready to be tested by drilling
- Large mineral resource and will get bigger
- Myrtle look-a-likes on tenements for exploration

Mt Fisher

- Potential to establish high grade gold resource/s

Marqua

- Potential to establish large resource in new phosphate area



Thank You!



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