

Ian Mulholland, Managing Director

Sydney Resources Roundup – 14 May 2013

A wide-angle photograph of a straight, reddish-brown dirt road that stretches from the foreground into the distance. The road is flanked by dry, scrubby vegetation and small trees. The sky is a clear, bright blue with a few wispy white clouds. The text "On The Road to Success" is overlaid in the center of the image in a large, white, sans-serif font with a subtle drop shadow.

On The Road to Success

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.

*Exploration Targets

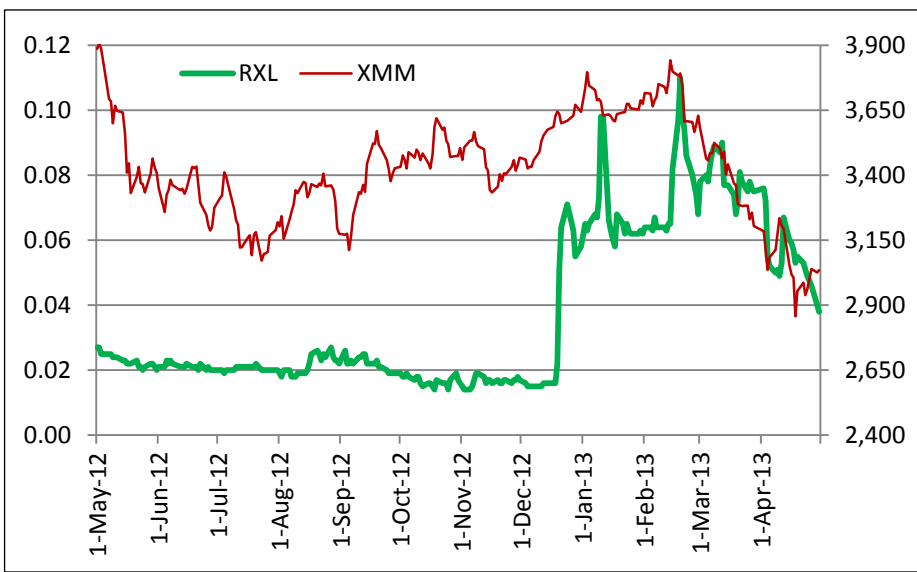
The potential quantity and grades of the exploration targets listed in this presentation are conceptual in nature, although they are based on reasonable expectations, but insufficient exploration to define a Mineral Resource has been carried out at this point in time, and it is uncertain whether further exploration will result in the determination of a Mineral Resource.

Company Snapshot



Rox Resources Capital Structure

ASX Code:	RXL
Issued Shares:	590.8m
Market Cap:	\$23.6m (at 4.0c)
Cash:	\$5.3m (31 March)
Enterprise Value:	\$18.3m



Experienced Board & Management

Managing Director:

Ian Mulholland (*Geologist*)

Chairman:

Jeff Gresham (*Geologist*)

Finance Director:

Brett Dickson (*Accountant*)

Exploration Manager:

Will Belbin

Major Shareholders

HSBC Nominees	4.4%
Avoca Resources	3.4%
Rox Directors	3.1%
<i>Top 20</i>	<i>27.9%</i>

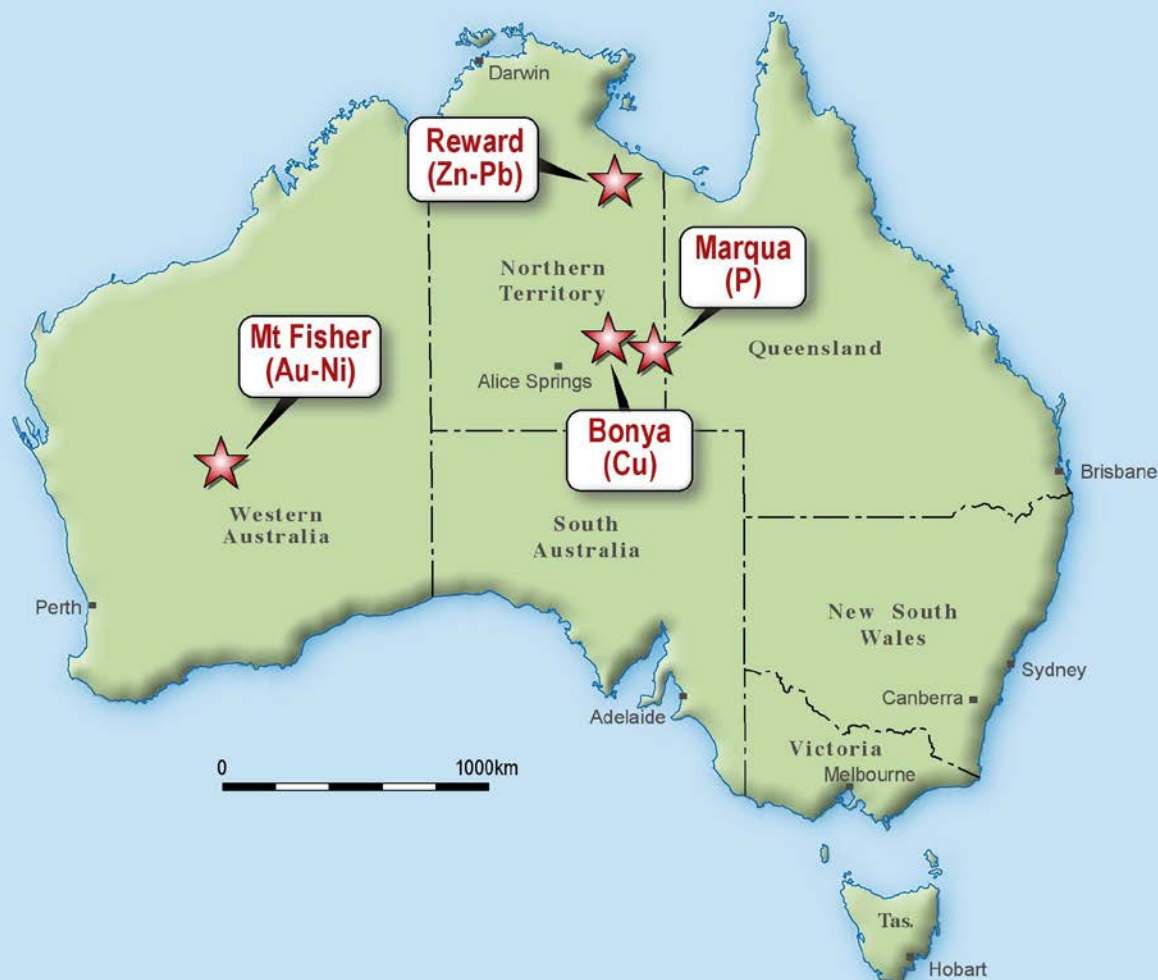
Investment Highlights



- Significant nickel sulphide discovery at Fisher East
- \$15m Earn-in zinc partnership with Teck
- Exposure to nickel, zinc, lead, copper, gold & silver
- Tremendous exploration upside in all projects
- Experienced Board and Management



Projects



- **Mt Fisher Gold, & Fisher East Nickel**
Project acquired from Avoca in 2011, plus Option to Purchase deal
- **Reward Zinc Project**,
Earn-in by Teck for \$15m
- **Bonya Copper**
Project earn-in by Rox for \$1.5m
- **Marqua Phosphate**
Project pegged in 2009

Fisher East Nickel Project



Drilling has intersected a significant body of nickel sulphides:

**6.4m @ 3.8% Ni from 282.6m,
from 11.4m @ 2.9% Ni**

**6.3m @ 2.5% Ni from 211.7m,
from 16.3m @ 1.8% Ni**

6.2m @ 3.3% Ni from 341.1m

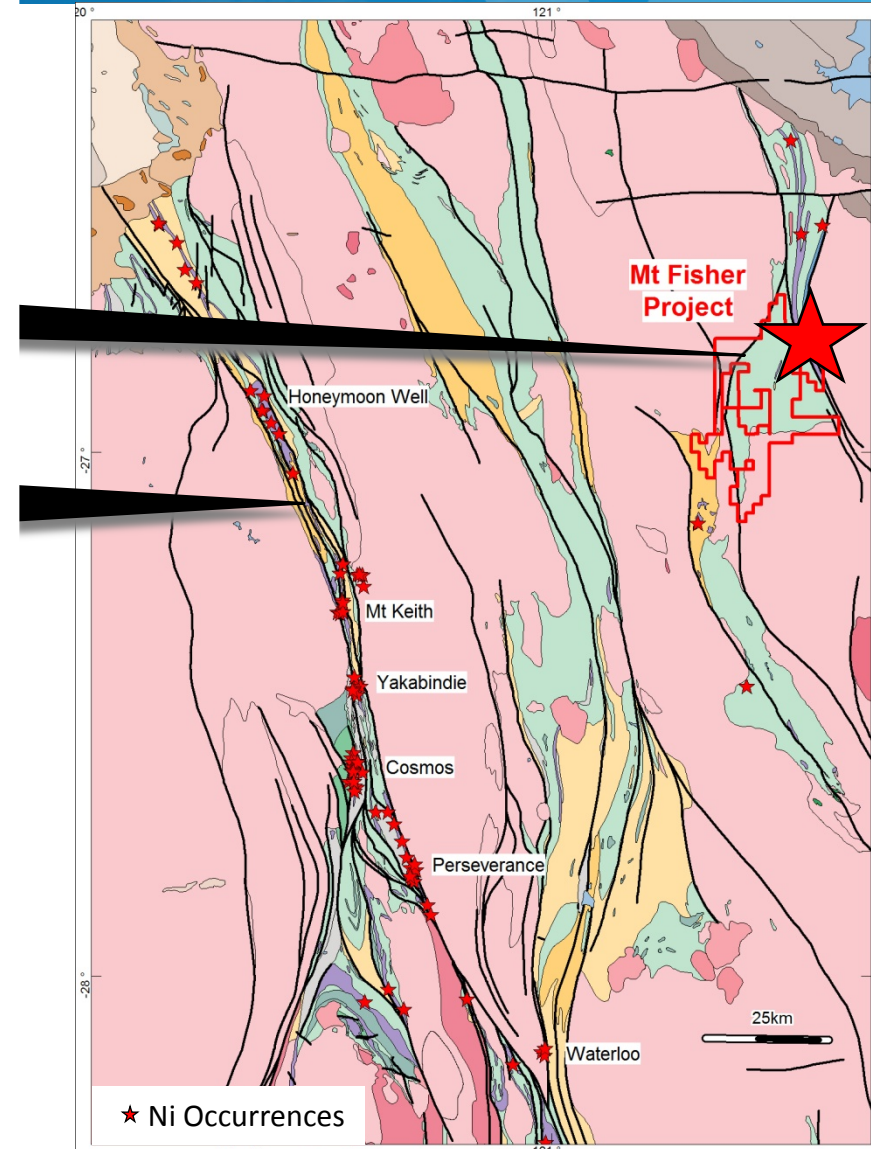
Assayed intervals up to 11% Ni



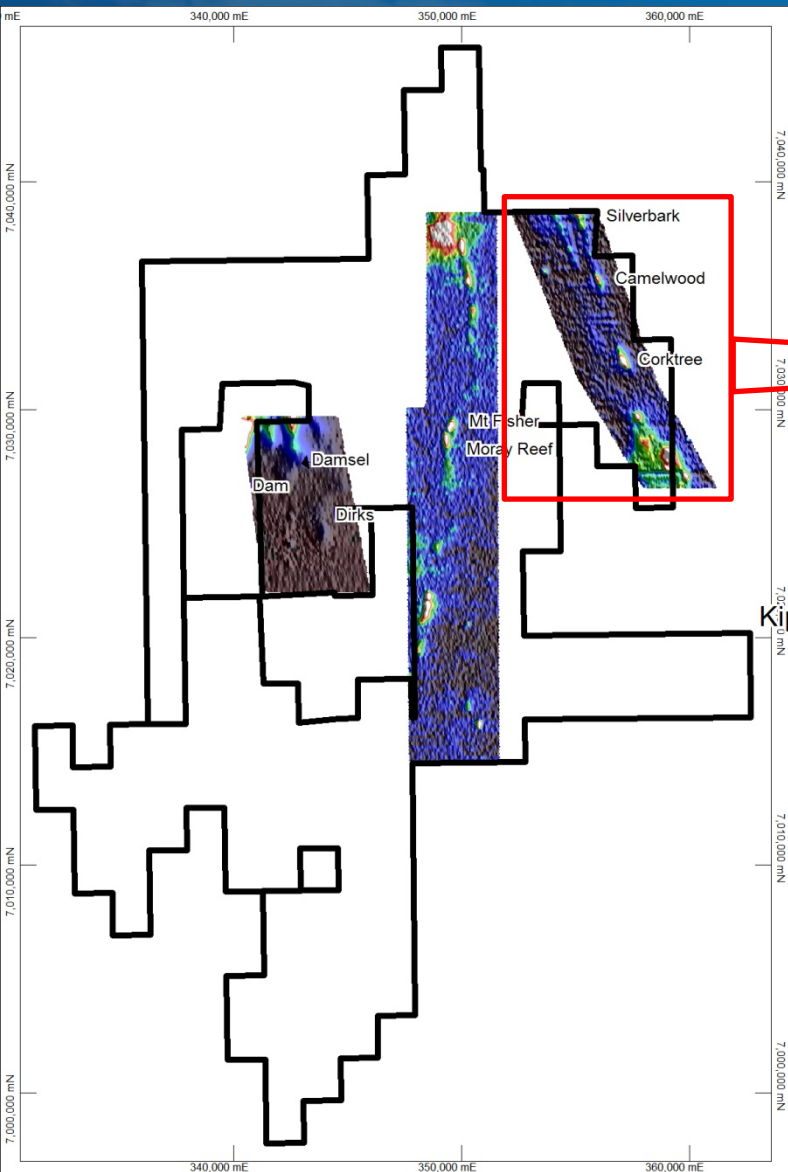
Fisher East Nickel Location



- ➊ **Mt Fisher Project** located 150km north-east of Leinster, WA in North Eastern Goldfields of WA
- ➋ **Mt Fisher Greenstone Belt**, 300km long, 655km² tenement area
- ➌ **Agnew-Wiluna Belt**, major nickel mines (55% of WA Ni total; 7Mt out of 12.7Mt), 10 Moz gold,
- ➍ Nickel sulphide discovery at Fisher East – **Opens up a major new area for nickel exploration**



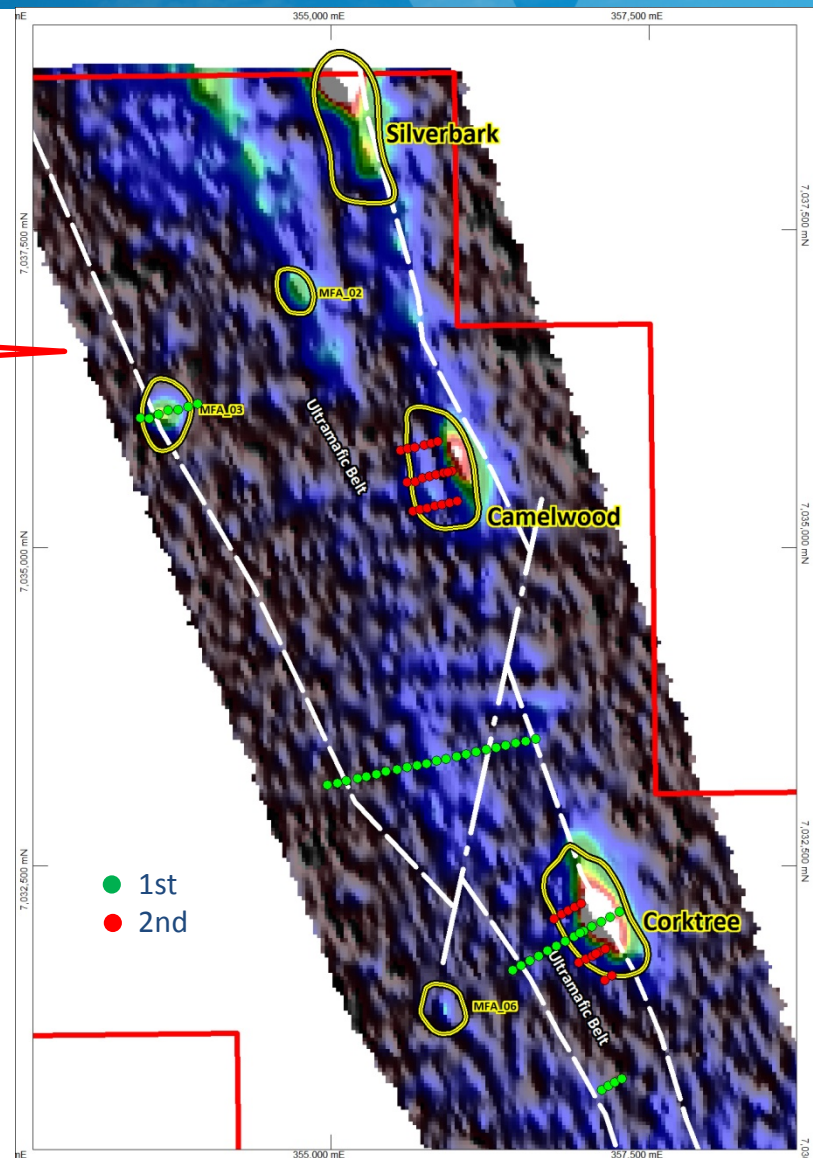
VTEM Targets



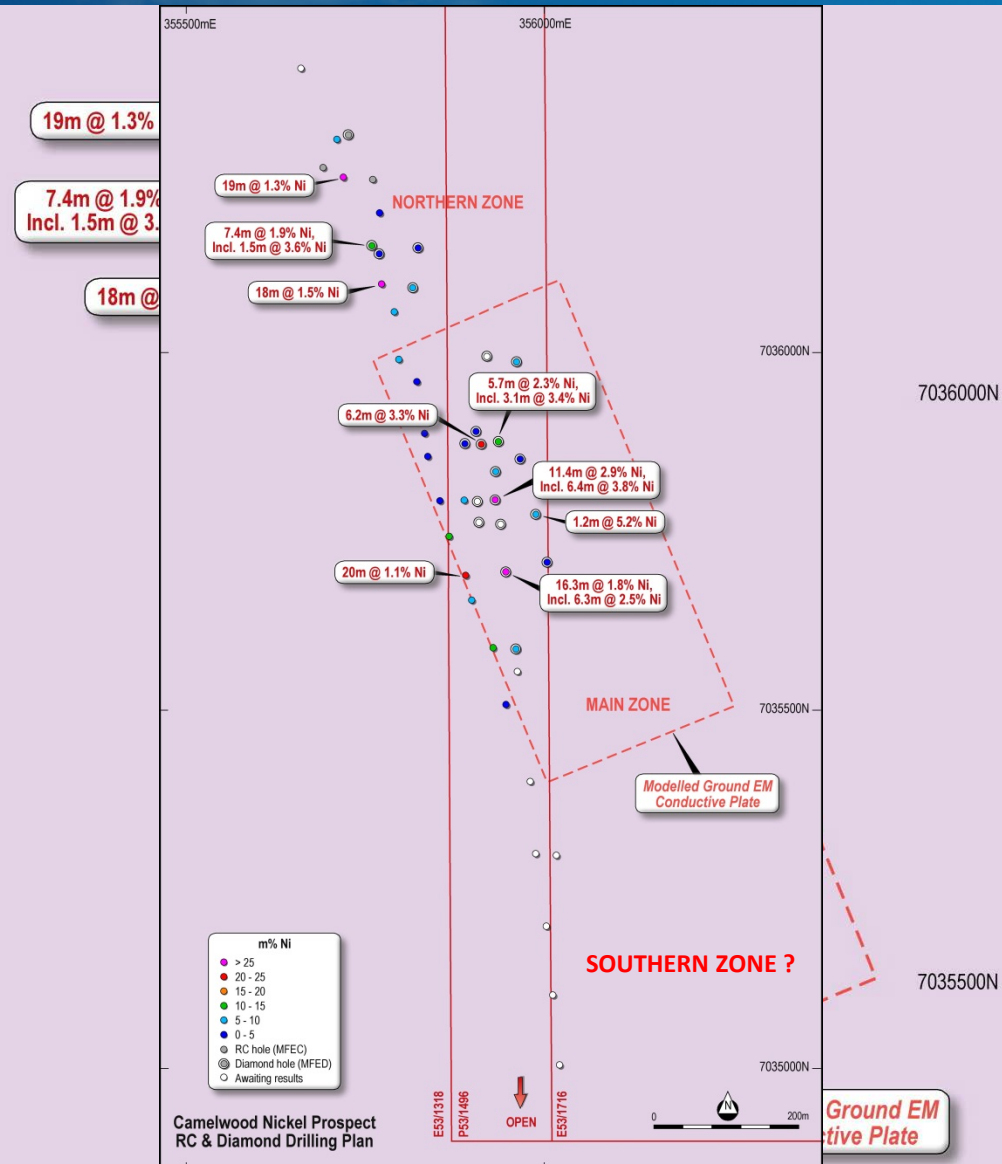
VTEM flown
over 3 areas:
2 gold areas
and the
Fisher East
ultramafic
belt

Large VTEM
anomalies
along Fisher
East
Ultramafic

2 stages of
RAB drilling



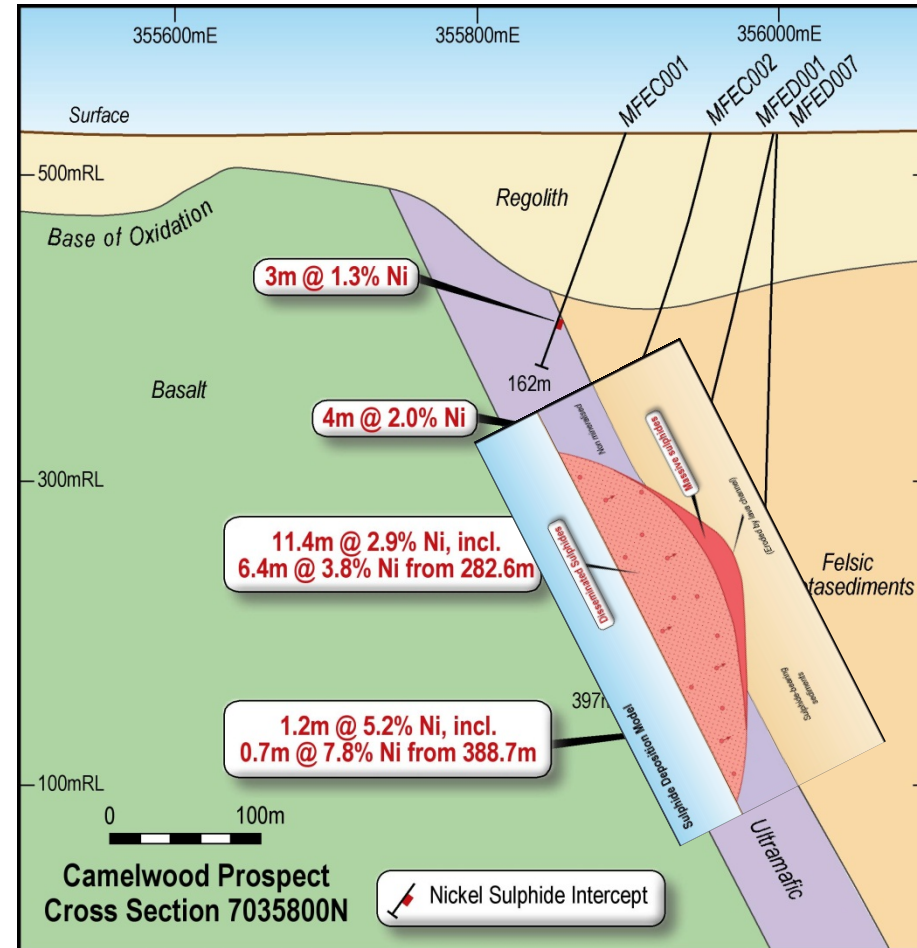
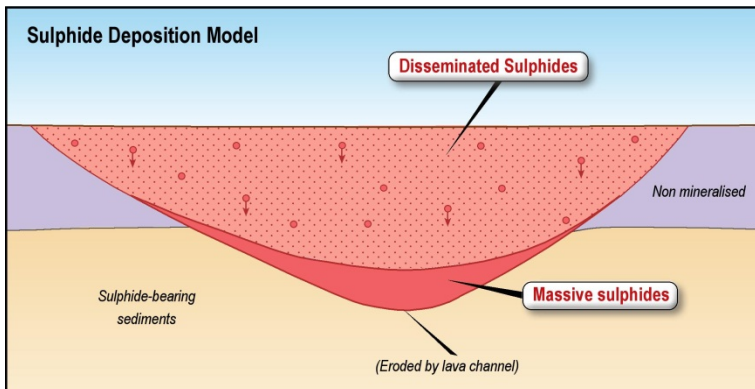
Camelwood Drill Plan



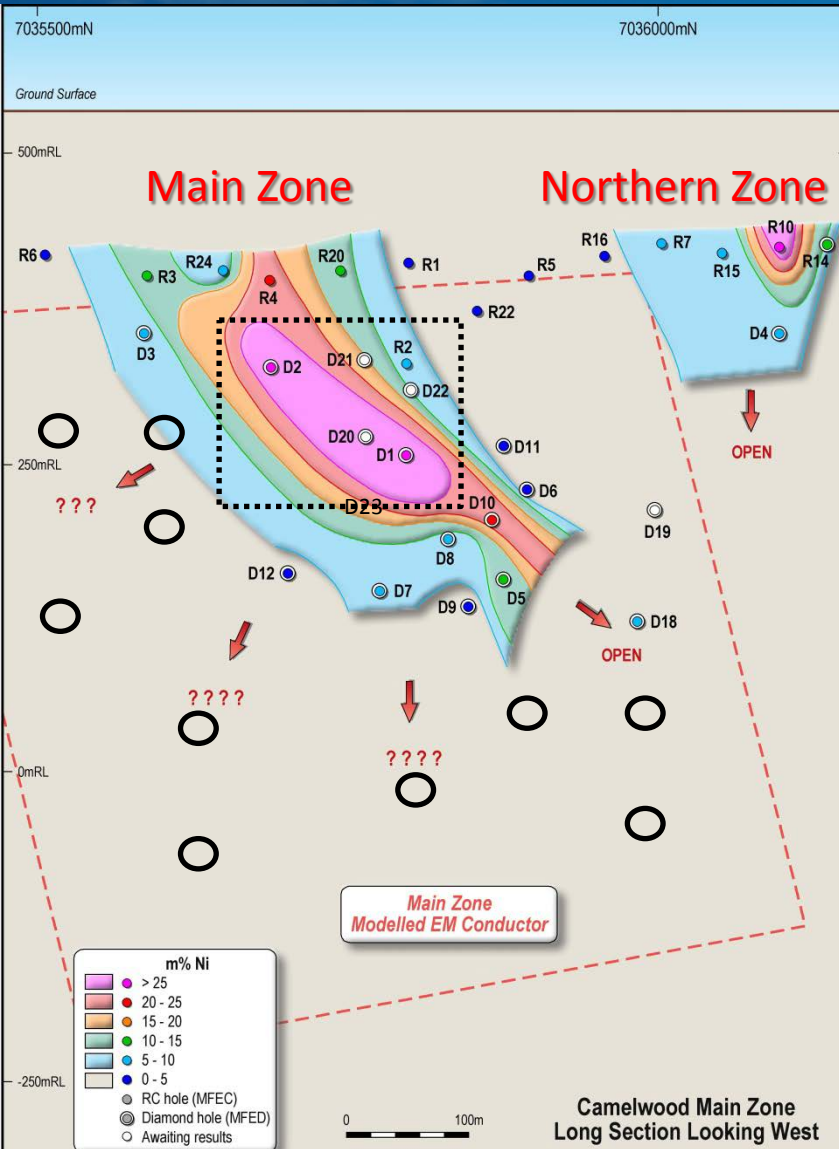
- RC drilling on 50m and 100m spacing has now defined nickel sulphide mineralisation along over 1.2km of strike
- Diamond holes are hitting massive, semi-massive and disseminated sulphides down to 400m depth, with grades such as 3.8% Ni over 6.4m
- Mineralisation open along strike and also at depth
- Possible Southern Zone defined by new RC drilling

Camelwood Drill Section

- Nickel sulphides coincident with EM conductor – occur at “basal contact” – classic komatiite-hosted (Kambalda-type) nickel sulphide deposit type
- Grade and thickness variable → typical
- Basal contact is over-turned at Camelwood → structural complications likely
- Lower ultramafic unit hosts disseminated zone



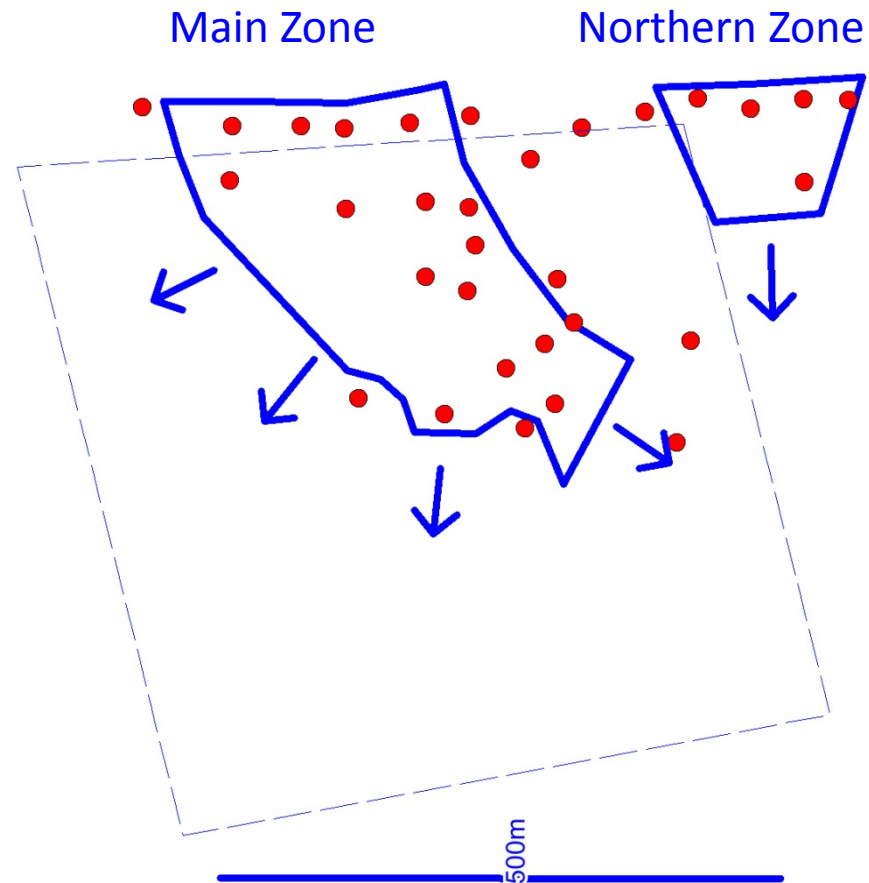
Camelwood Long Section



- Mineralisation starting to be defined in a number of separate zones (shoots)
- Intervening holes hit sulphides, but either thin or low grade
- Main Zone still open at depth in a number of directions
- So far have drilled 5,200m RC (33 holes) and 7,191m DD (21 holes)
- Ongoing drilling while good results still coming
- Main Zone:
 - Infill at 50 x 50m
 - Down dip & plunge extensions at 100 x 100m
- Deeper drilling of new potential Southern Zone

Drill Density

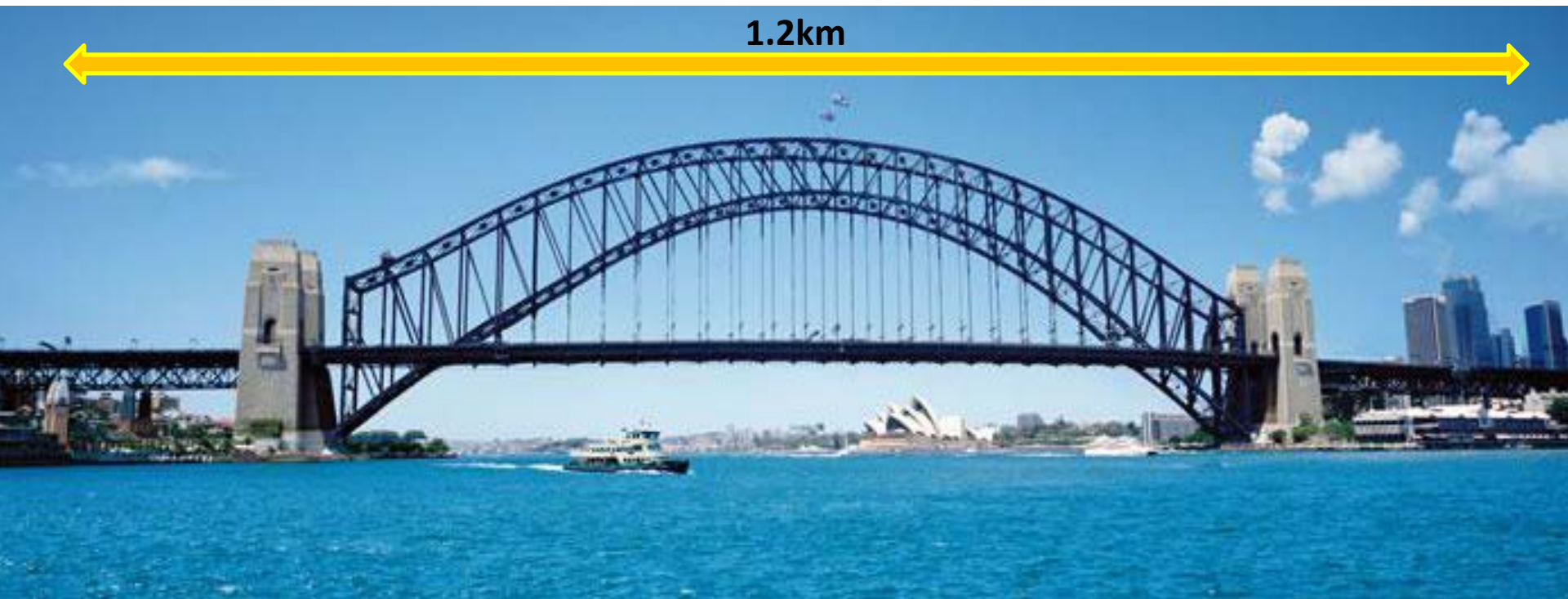
- Drill Density is fairly low for this type of deposit
- Mainly 100 x 100m with some infill to 50 x 50m
- Compare this to Nova, which is now drilled to over 25 x 25m density
- Camelwood will probably cover a much larger area than Nova – although thinner
- Still very early days at Camelwood



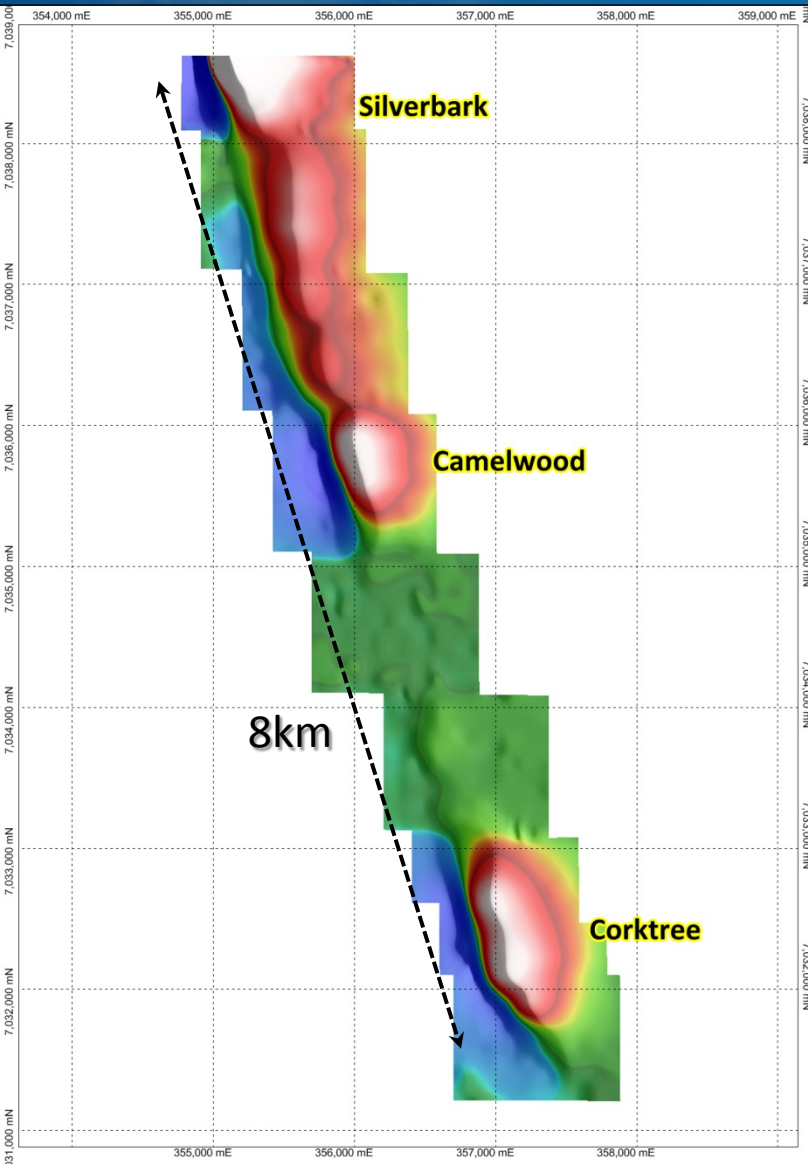
Camelwood Deposit Scale



Longer than the length of the Sydney Harbour Bridge and roughly 3x the height.



Exploration Potential



- Fixed loop ground EM survey along 8km of Fisher East Ultramafic belt identified a series of EM conductors
- Strong EM anomalies confirmed at Camelwood, Corktree and Silverbark, and also between Camelwood and Silverbark (over 3-4km)
- Very sparse drilling to date on other EM targets
- Other VTEM anomalies still to follow up

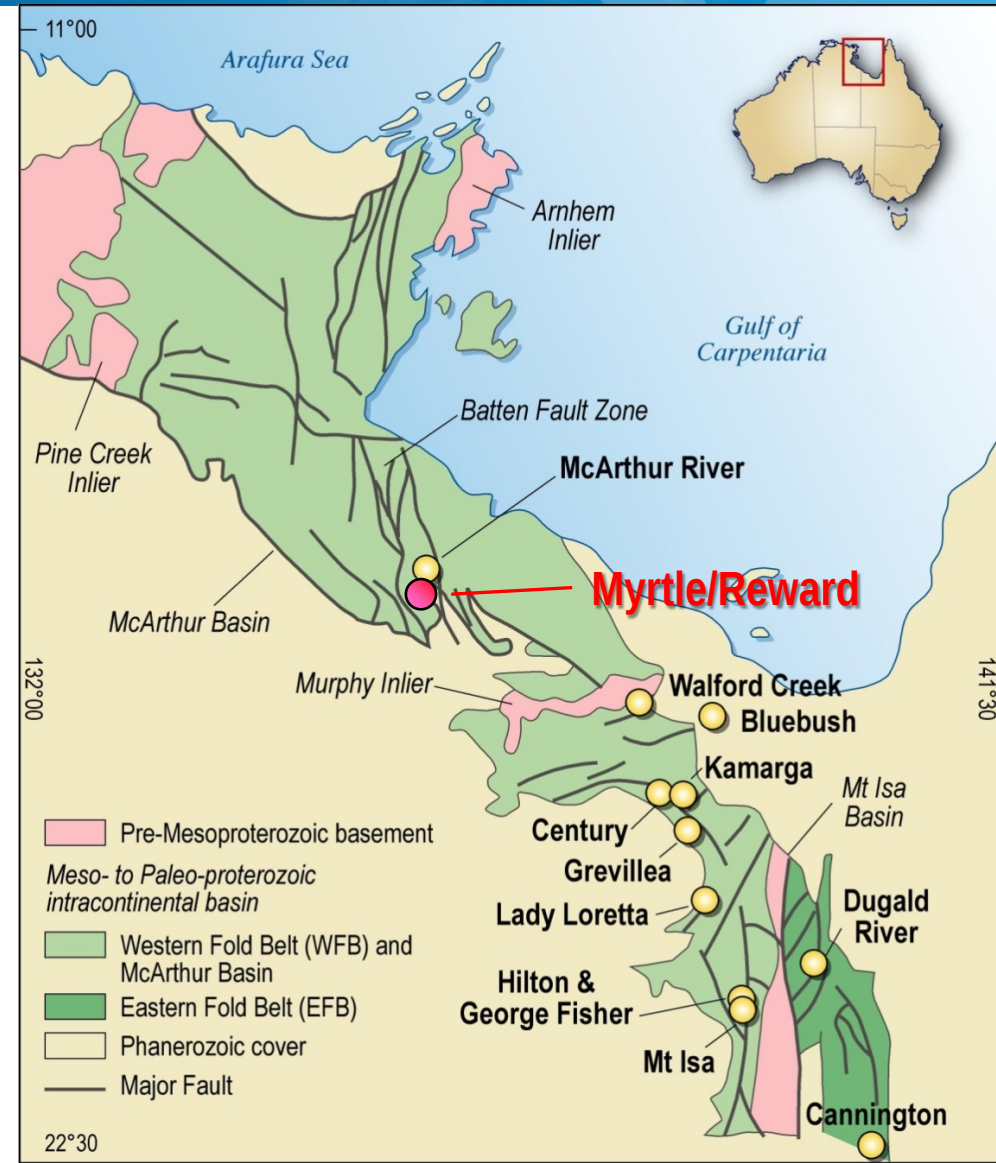
But Wait...There's More!



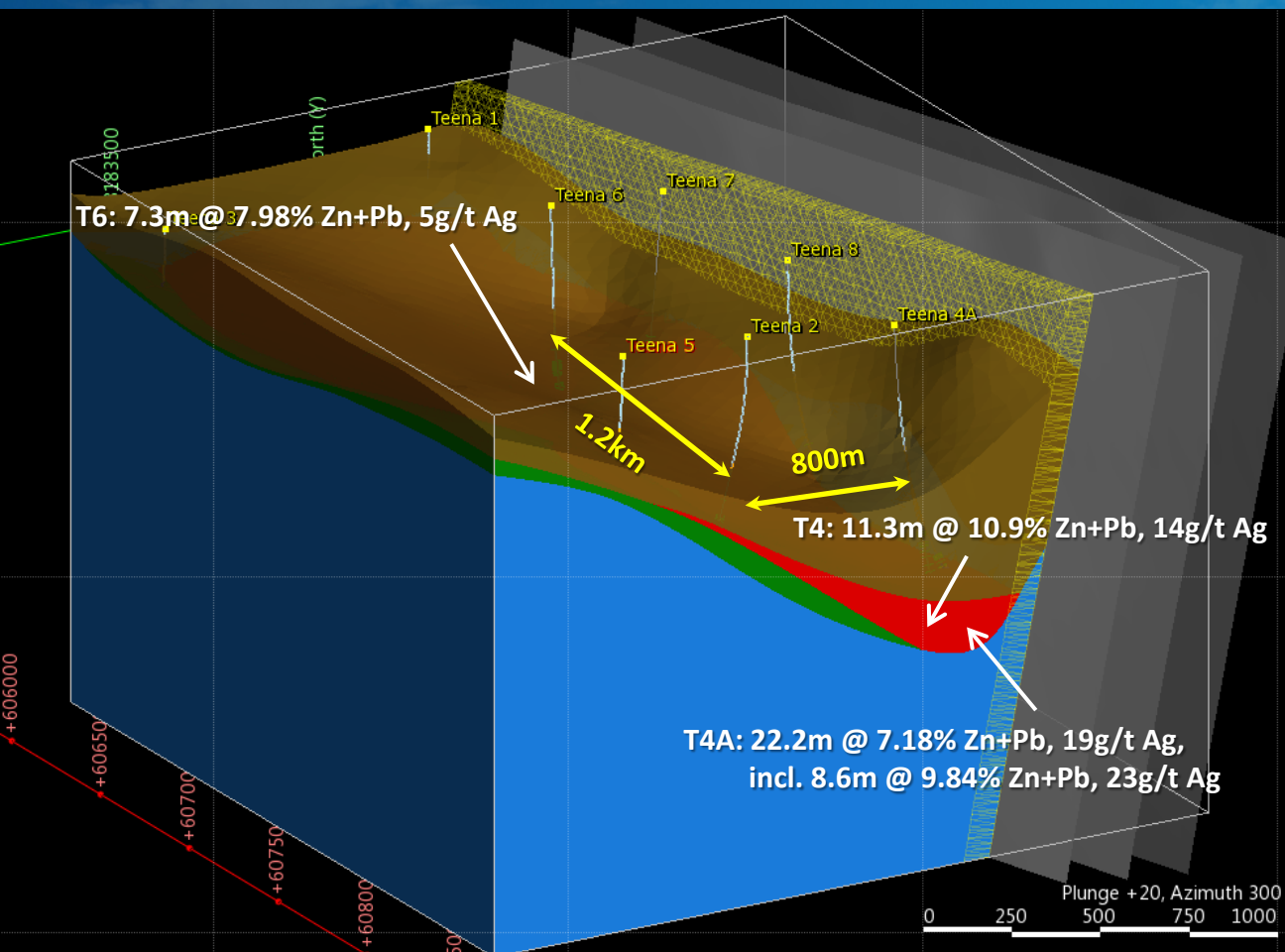
Reward Zinc Project



- Adjacent to McArthur River Mine
- Airport, gas pipeline, concentrate loader and port infrastructure all in place
- Teck in a \$15M Earn-in JV (to 70%)
- Myrtle Deposit Resource **43.6 Mt @ 4.05% Zn, 0.95% Pb, 5.04% Zn+Pb, 2.2 Mt zinc + lead metal**
- Strong drilling results from Teena prospect incl. **11.3m @ 10.9% Zn+Pb**
- SEDEX style zinc deposits



Teena Model

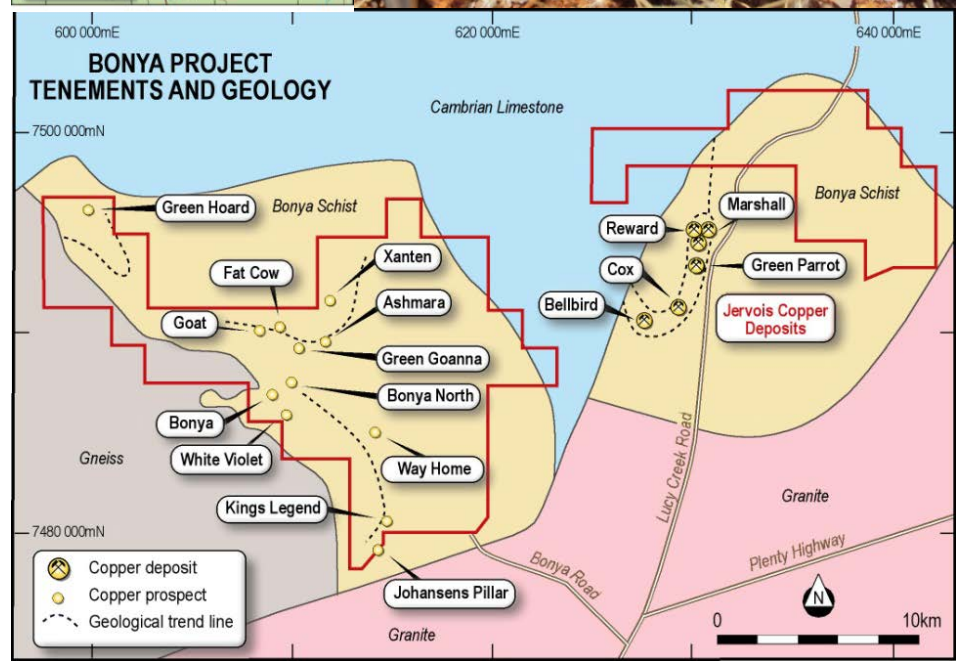


- 4,500m diamond drilling scheduled to commence late May at Teena – fully funded by Teck (\$2.75m)
- Distance between drill holes 1.2km E-W and 800m N-S
- Dimensions of Teena Basin, 1.5 x 1.0 km = Teck size target

Bonya Copper Project



- Similar in style to nearby Jervois deposits (13.5 Mt @ 1.3% Cu, 25 g/tAg)
- 279km² tenement package
- Outcrops of visible copper mineralisation at numerous locations, with assays up to 33% Cu and 55 g/tAg
- Very little prior exploration for copper
- Walk up drill target at old Bonya mine
- Farm-in deal, Rox can earn 51% for \$500K (2 years) and 70% for extra \$1 million (further 2 years)
- Geochemical and geophysical surveys, and then drill (2,000m RC) during 2013



The Road Ahead



- Diamond drilling ongoing at Fisher East – second diamond drill rig mobilising
- Drilling at Teena (4,500m) starts late May
- Bonya drilling (2,000m) planned for this year



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