# REPORT ON EXPLORATION For 2013/14

New Discoveries in the New England Fold Belt

Copper, molybdenum, tungsten & gold

Annual General Meeting
10<sup>th</sup> November 2014
Sydney NSW ASX CODE: AHR





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- The information relating to the Exploration Results and geological interpretation for the Blicks, Birdwood, Bielsdown and Aspiring projects is based on information compiled by Mr Graeme Rabone, MAppSc, FAIG. Mr Rabone is Exploration Manager for Anchor Resources Limited and provides consulting services to Anchor Resources Limited through Graeme Rabone & Associates Pty Ltd. Mr Rabone has sufficient experience relevant to the assessment and of these styles of mineralisation to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves The JORC Code (2012)". Mr Rabone consents to the inclusion of the information in the report in the form and context in which it appears.

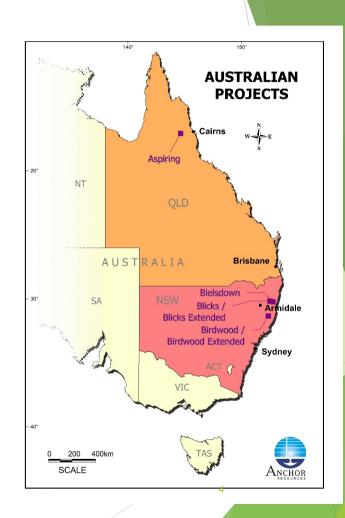
#### **NEW ENGLAND FOLD BELT**

- EXTENDS 1600 KM ALONG AUSTRALIA'S NORTH EAST COAST
- HOSTS MANY LARGE MINERAL DEPOSITS IN QUEENSLAND
- UNDER EXPLORED IN NEW SOUTH WALES
- ANCHOR'S FOCUS IS ON NSW SEGMENT NEW ENGLAND FOLD BELT



### **ANCHOR'S PROJECTS**

- THREE PROJECTS IN NSW PORTION
   OF NEW ENGLAND FOLD BELT Blicks, Birdwood & Bielsdown
- ONE PROJECT IN FAR NORTH QUEENSLAND - Aspiring



# THREE LARGE PORPHYRY PROSPECTS DISCOVERED IN NEW ENGLAND FOLD BELT DURING 2013/14

#### **BLICKS PROJECT**

- > Tuting prospect tungsten & molybdenum
- > Liberty prospect molybdenum & copper

#### **BIRDWOOD PROJECT**

> Birdwood North prospect - copper & molybdenum

# ANCHOR'S OTHER NEW ENGLAND FOLD BELT PROJECTS & DISCOVERIES

#### **BLICKS PROJECT**

> Tyringham - Intrusion-related Gold System

#### **BIELSDOWN PROJECT**

> Antimony deposit

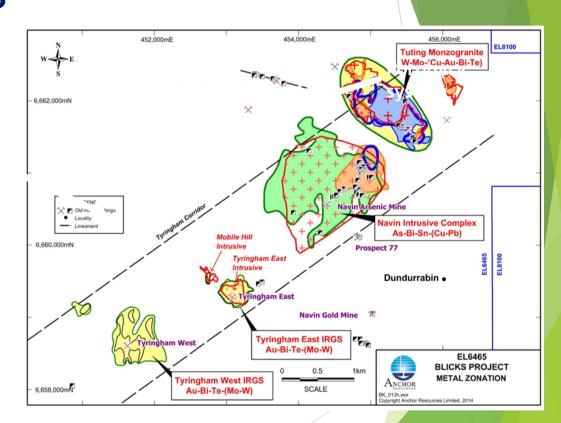
### **BLICKS PROJECT**

- HIGH VALUE METALS copper, molybdenum, tungsten & gold targeted
- > TWO EXPLORATION LICENCES ABOUT 90 KM FROM ARMIDALE
- > MULTIPLE SYSTEMS DISCOVERED



### **ADJACENT SYSTEMS**

- TYRINGHAM IRGS PROSPECT
   likened to Alaska's Fort
   Knox Gold Mine
- NAVIN PROSPECT- enigmatic large arsenic-copper anomaly
- TUTING PORPHYRYPROSPECT tungsten & molybdenum



# TYRINGHAM PROSPECT - INTRUSION RELATED GOLD SYSTEM

#### LARGE TWIN TARGETS

- Defined by soil geochemistry
- Supported by magnetic high
- Gold hosted by granite intrusion at one target and granite inferred at depth at other target below gold in sediments
- Shallow drilling yielding low grade gold mineralisation
- Ready for deep drill testing to about 500 metres to search for higher grade zones

# TUTING PROSPECT - PORPHYRY TUNGSTEN-MOLYBDENUM TARGET

#### VERY LARGE SURFACE FOOTPRINT

- Defined by soil tungsten & molybdenum geochemical anomalies
- > Coincident with elongate monzogranite intrusion
- > Constrained by structural controls in monzogranite
- Ready for first drill testing to about 150 metres depth

### **BIRDWOOD PROJECT**

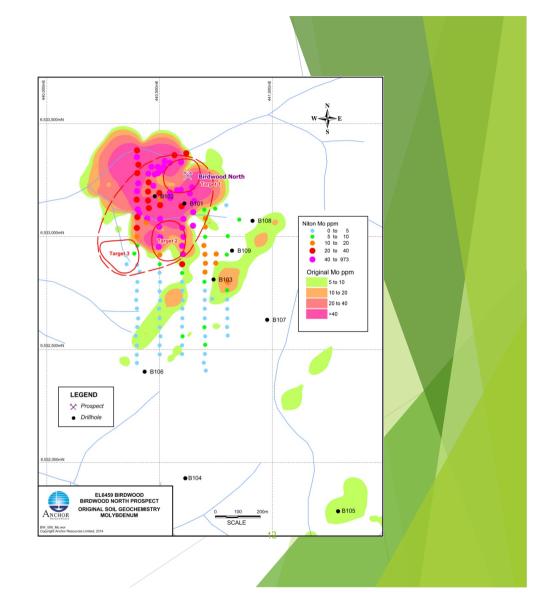
- HIGH VALUE METALS copper, molybdenum, tungsten & gold targeted
- TWO EXPLORATION LICENCES ABOUT 50 KM WEST PORT MACQUARIE
- Anchor has identified a large porphyry target ready for drilling



# BIRDWOOD NORTH PROSPECT

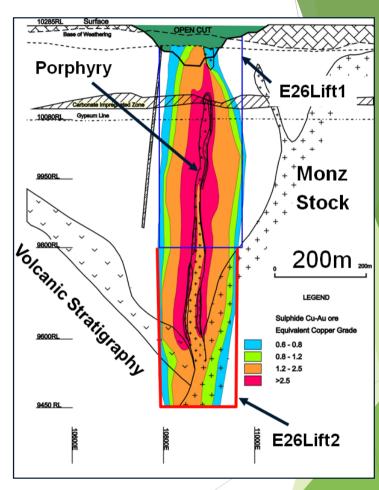
### COINCIDENT FEATURES FROM PAST EXPLORATION DEFINE TARGETS

- Coincident soil molybdenum and copper geochemical anomalies
- Pronounced sub-circular magnetic "low" coincident with geochemical anomalies
- Inferred pipe-like intrusion at depth



### ANCHOR TARGETING LARGE SYSTEMS AT BIRDWOOD

- Anchor's exploration model is for a Northparkes pipetype porphyry deposit
- Drilling assistance through NSW Government Cooperative Drilling Initiative



# ASPIRING PROJECT - QUEENSLAND

- Exploration Permit located in Hodgkinson Province, near Chillagoe
- Region has many historic and operating mines
- Fertile for copper, gold and other base metals
- Anchor's exploration has discovered multiple vein type deposits with encouraging gold and copper values





Anchor Resources Limited
Australian Securities Exchange Share Code: AHR

For further information on Anchor's exploration results please refer to announcements made to the ASX