



***Anchor Resources Limited***  
***(ASX code: AHR)***

# **Bielsdown Antimony Project**

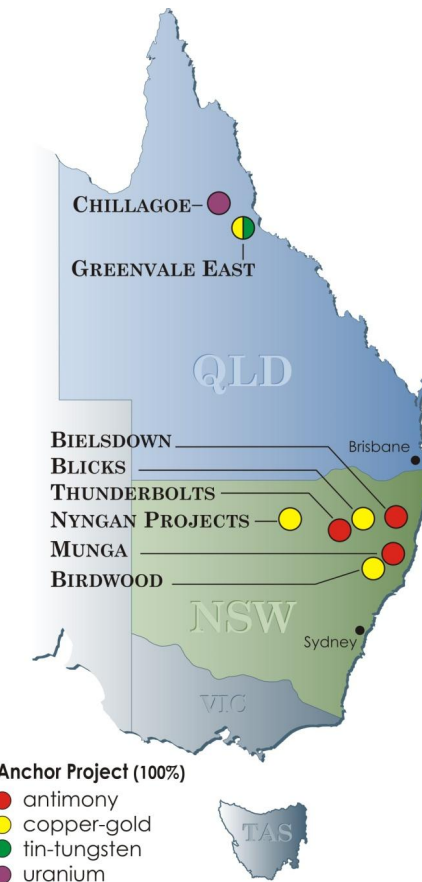
***Conference and investor roadshow***

***June 2010***

**Trevor Woolfe – Managing Director**

## Outline of presentation

- **Why ANTIMONY?**
- **The emerging Wild Cattle Creek Sb deposit**
- **Company info - Anchor Resources Ltd**





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- Declaration and JORC Compliance: The information in this report relating to Exploration Results is based on information compiled by Trevor Woolfe BSc(Hons), MAusIMM. Mr Woolfe is Managing Director and consultant to Anchor Resources Limited. Mr Woolfe has sufficient experience relevant to the assessment of this style of mineralisation to qualify as a Competent Person as defined in the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code". Mr Woolfe consents to the inclusion of the information in the report in the form and context in which it appears.



## What is Antimony (Sb)?

- **Antimony is a metal increasing in demand**
- **Common form**
  - stibnite  $\text{Sb}_2\text{S}_3$
  - sulphide mineral
- **Dark grey, metallic, non-magnetic, needle-like crystals**
- **Processed ore products include:**
  - concentrates
  - metal ingots
  - antimony trioxide powder

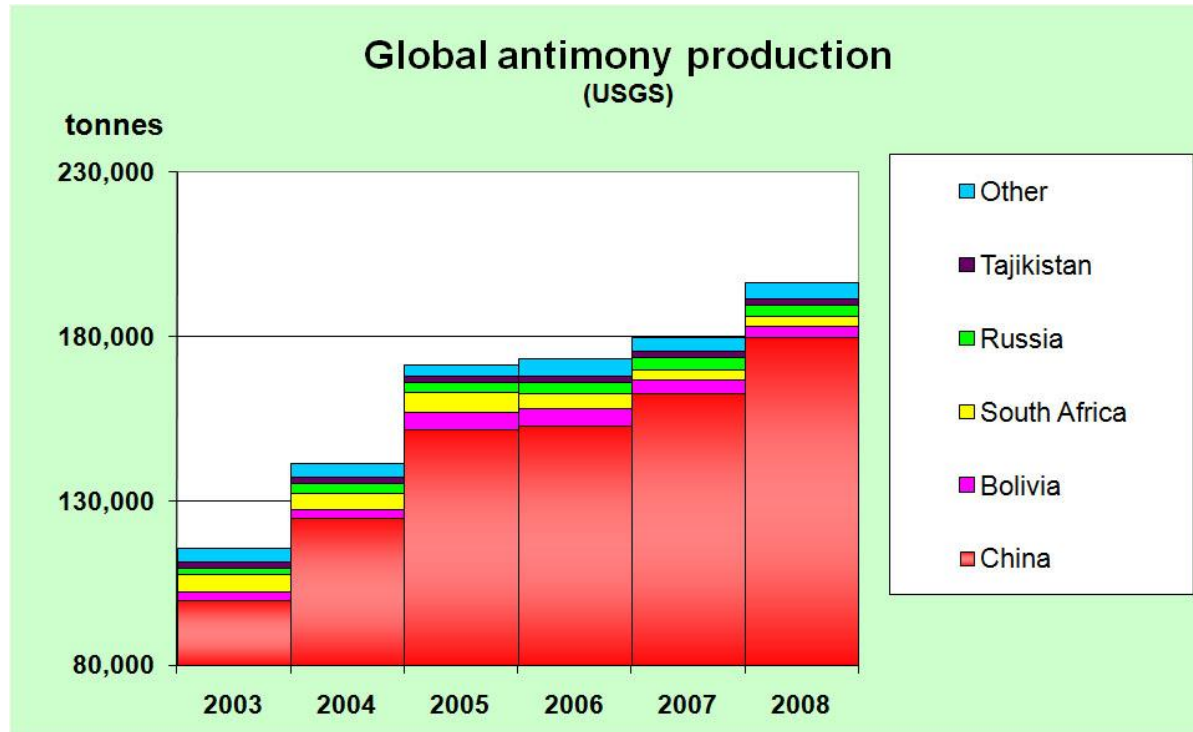


Stibnite needles in massive quartz



## Global antimony production

- Global output rose almost 70% from 2003 to 2008
- China dominates global production (~91% in 2008 - USGS)
- Remainder of output from high sovereign risk countries
- Increasing supply in response to higher global demand



## Aussie deposits and antimony uses

- **Major Australian deposits include:**

**Hillgrove (NSW)** – Straits Resources

**Costerfield (Vic)** – Mandalay Resources  
(Canadian-listed)

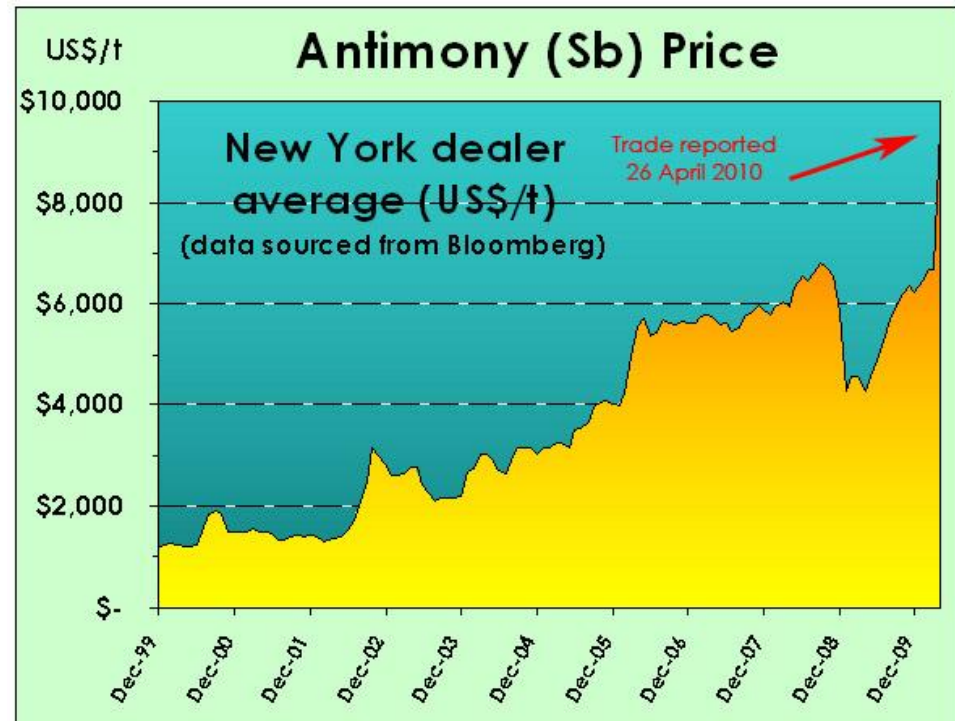
- **Uses** – fire retardant agent
  - hardening/strengthening agent for lead and zinc alloys
  - lead batteries, ammunition
  - catalyst in PET (plastics) production
  - ceramics





## Antimony Pricing

- Price surging to record highs
- Up ~50% already in 2010 !!
- Sb recently traded at around
  - US\$4.30/lb or US\$9,500/t
- Rising price factors:
  - Global supply squeeze
  - China - cap on domestic production
    - freeze on new mines
  - Strict environmental and safety crackdown
  - Forced closures of illegal producers
  - Global economies recovering (watch this space!)



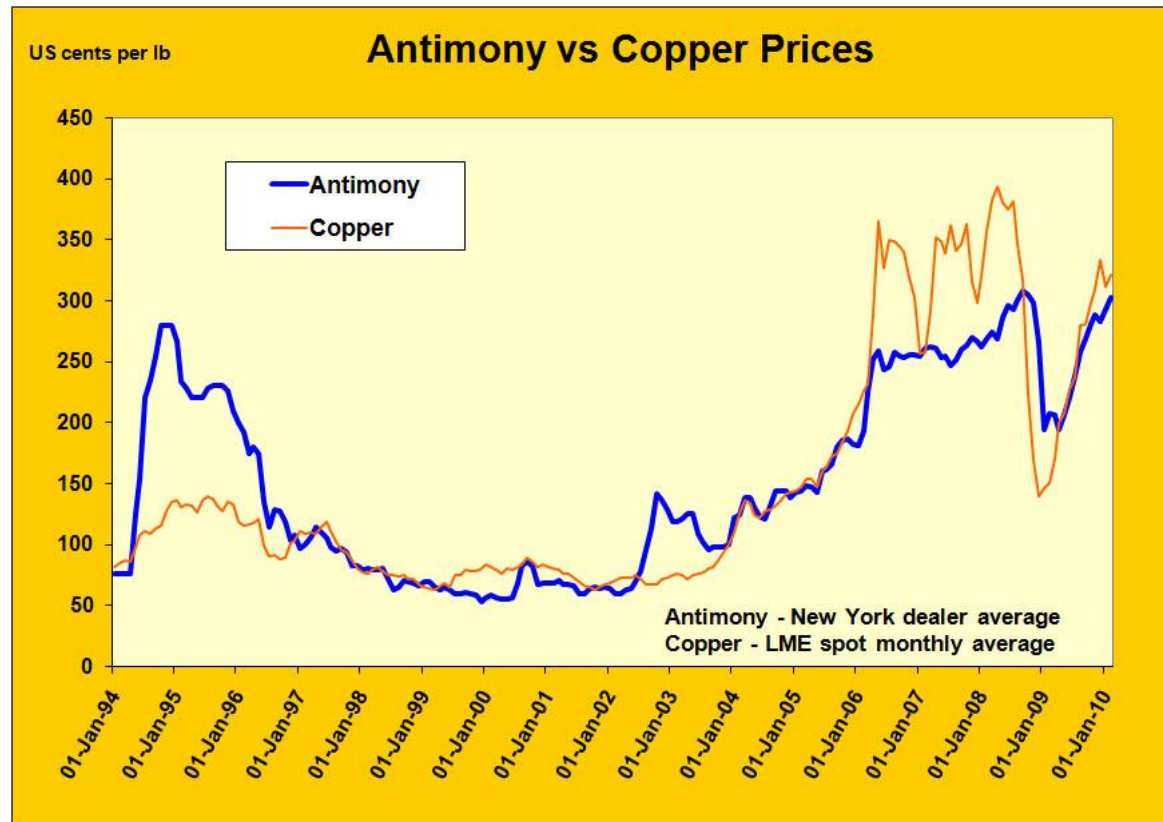




# Antimony Pricing Comparison

- **Sb currently**  
- US\$4.30/lb or US\$9,500/t
- **Compares to:**

zinc	US \$0.78/lb
lead	US \$0.75/lb
copper	US \$2.90/lb
- **Gold equivalent**  
(Au at U\$1200/oz)  
  
**1% Sb = ~2.5g/t Au**



**Comment: Strong historical correlation between absolute copper and antimony prices**





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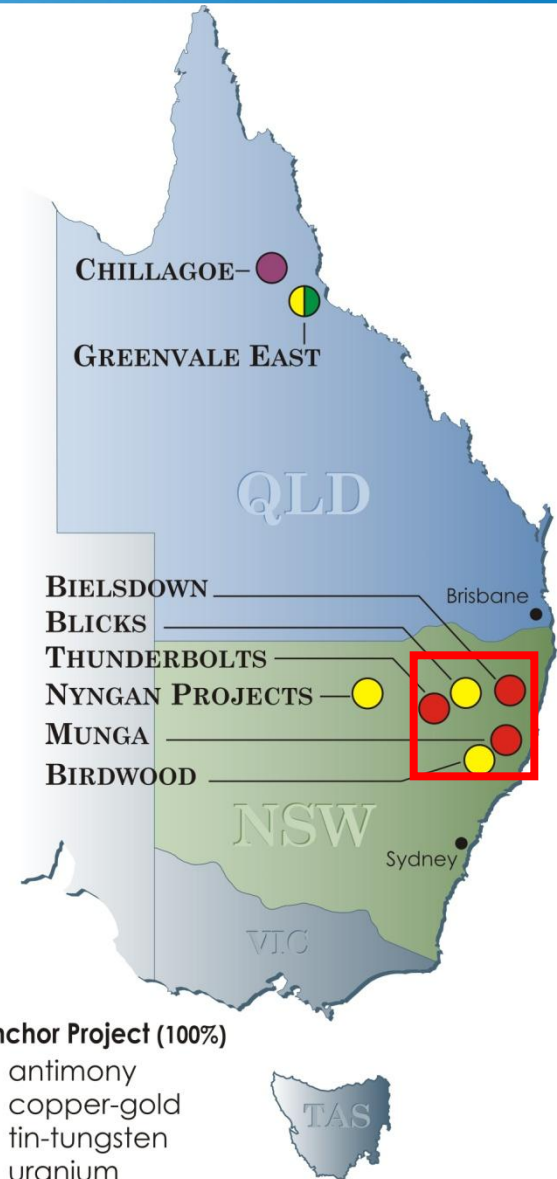
# Tenement Portfolio

## New South Wales

- **Bielsdown** (antimony, gold)
- **Thunderbolts** (antimony)
- **Munga** (antimony)
  
- **Nyngan Project** (copper, gold)
- **Blicks** (copper, gold)
- **Birdwood** (copper, gold, moly)

## Queensland

- **Greenvale East** (tin, tungsten, gold)
  
- **Chillagoe Project** (uranium)



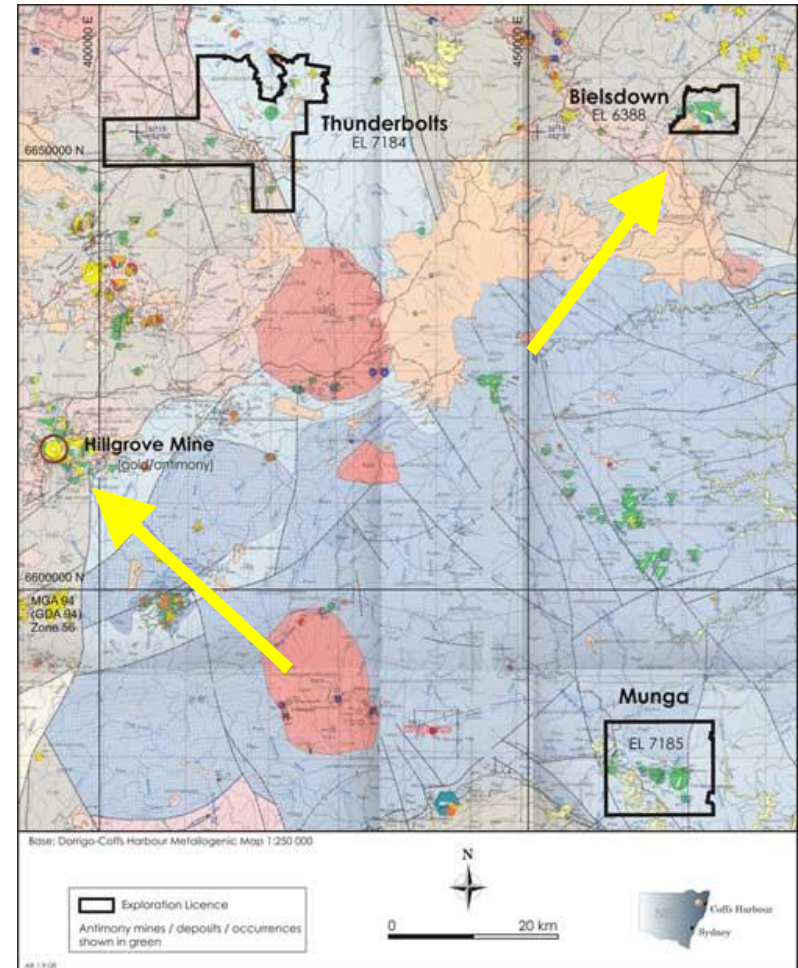
# Antimony in the New England

## Hillgrove Sb-Au mine

- Straits Resources re-commenced mining 2008
- Suspended operations late 2009  
(due to significant processing problems after its decision to produce Sb metal rather than concentrates)
- Considering corporate options
- Located ~80km SW of Bielsdown project

## Anchor antimony projects

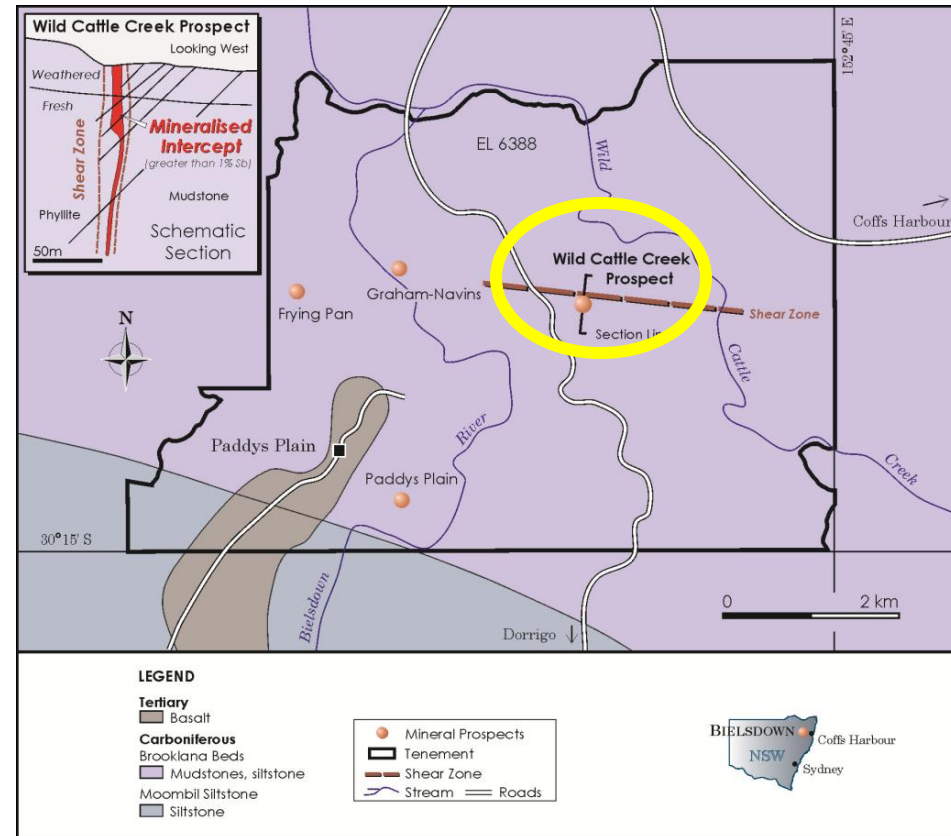
- **Bielsdown** (antimony, gold)
- **Thunderbolts** (antimony)
- **Munga** (antimony)





## Bielsdown project (AHR 100%)

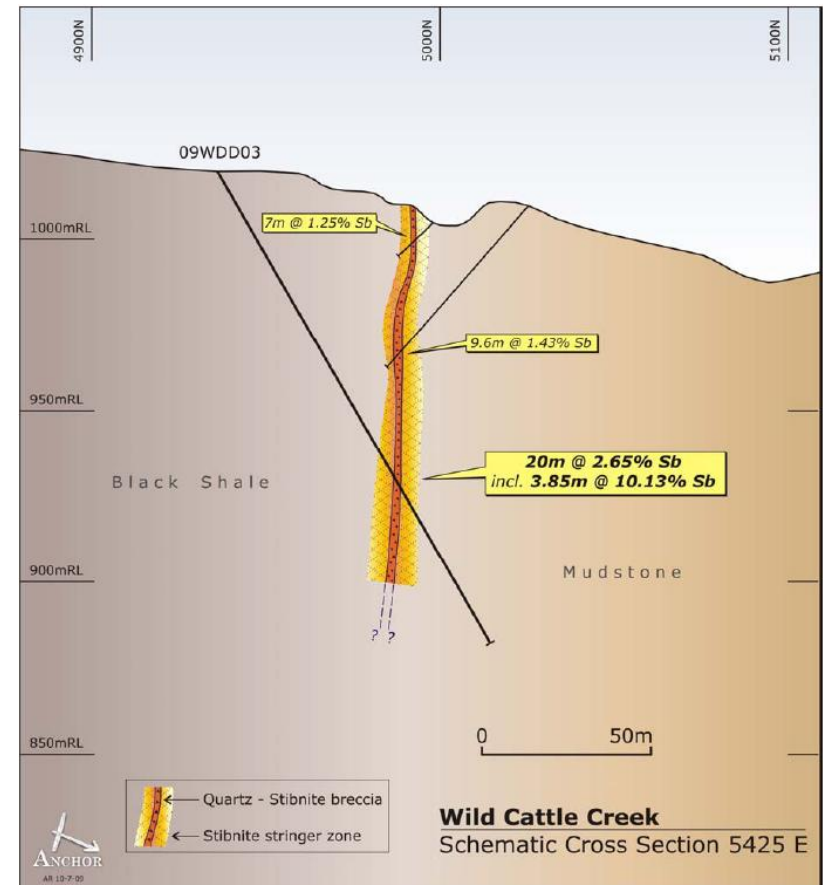
- Focus on old Wild Cattle Creek mine and resource
- Sub-vertical stibnite breccia zone
- Previously drilled : 1960s & 1990s
- Shallow 300m long surface pit
- >300m adit below pit
- Headframe and shaft to 165m
- No evidence of additional u/g development or stoping



## 2009 drilling – results

Drillhole	From (m)	To (m)	Interval	Antimony (Sb %)	Tungsten (W %)
09WRD01	150.0	161.5	11.5m	2.32	-
(incl.)	156.5	160.9	4.4m	5.00	-
09WDD02	123.0	134.0	11.0m	1.03	0.02
09WDD03	99.0	119.0	20.0m	2.65	-
(incl.)	100.75	104.6	3.85m	10.13	-
	114.0	118.0	4.0m	1.07	0.30
09WRD04	83.0	93.0	10.0m	3.48	0.06
(incl.)	89.0	91.5	2.5m	7.24	-
	99.3	104.4	5.1m	2.79	0.03
(incl.)	99.3	100.2	0.9m	12.70	-
09WRD05	169.0	174.8	5.8m	1.01	-
	177.4	194.0	16.6m	0.88	0.26
09WRD07	170.1	170.4	0.3m	23.70	-
	229.9	234.3	4.4m	3.19	-
(incl.)	231.2	233.3	2.1m	6.23	-
09WRD10	162.6	169.4	6.8m	2.57	-

- **10 holes drilled**



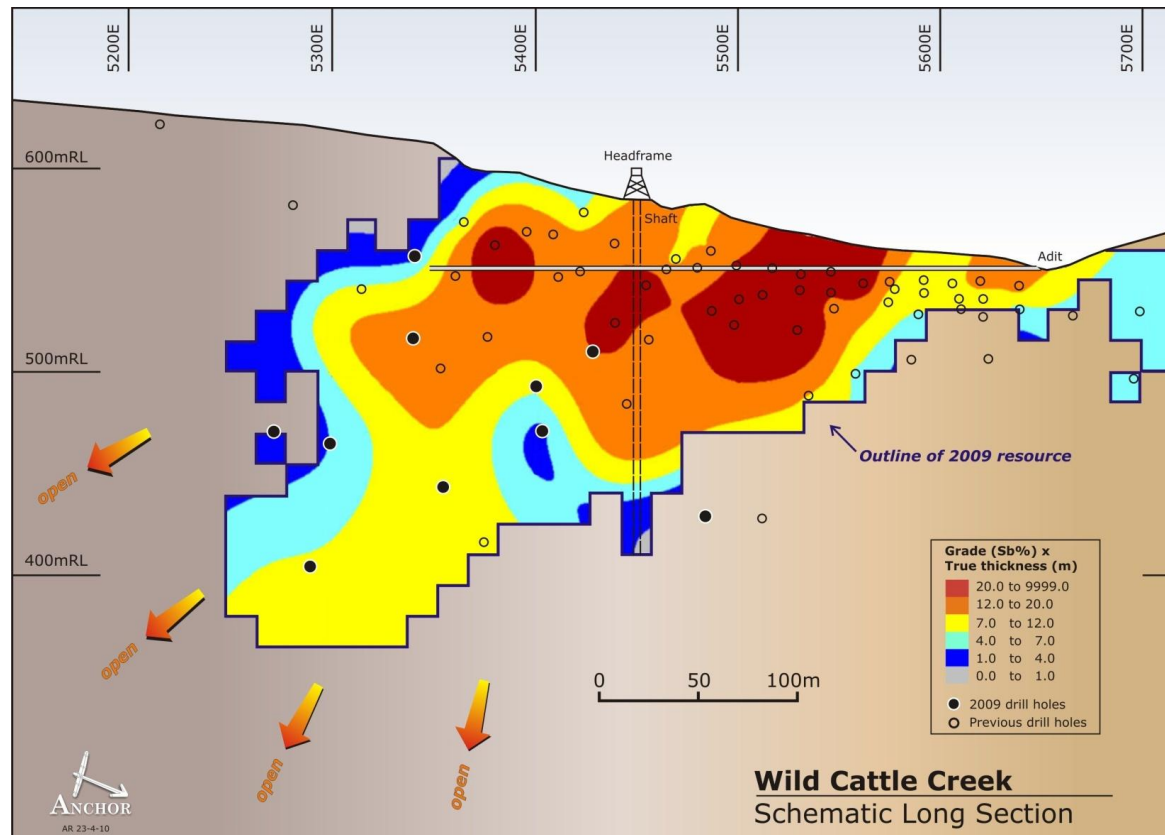
## Sample cross section





## Long section – Anchor resource 2009

- 10 holes drilled in 2009 confirmed Anchor's westerly plunging model
- Led to a resource upgrade by SRK Consulting (Nov 2009)
- Deposit remained open down plunge





## Anchor's 2009 antimony resource

- **Wild Cattle Creek – Inferred Resource (Nov 2009)**  
in accordance with the JORC Code (2004) by SRK Consulting

Cutoff Grade (% Sb)	Tonnes (t)	Sb grade (%)	Contained Sb (t)
0.5	880,000	2.0	17,500
1.0	718,000	2.3	16,300
1.5	546,000	2.6	14,100

\*Refer to ASX announcement dated 23 November for details on resource statement

- 3D model and resource only incorporated breccia core zone
- Insufficient data to model peripheral antimony-tungsten-gold stringer zone in 2009 resource
- Mineralisation open down plunge



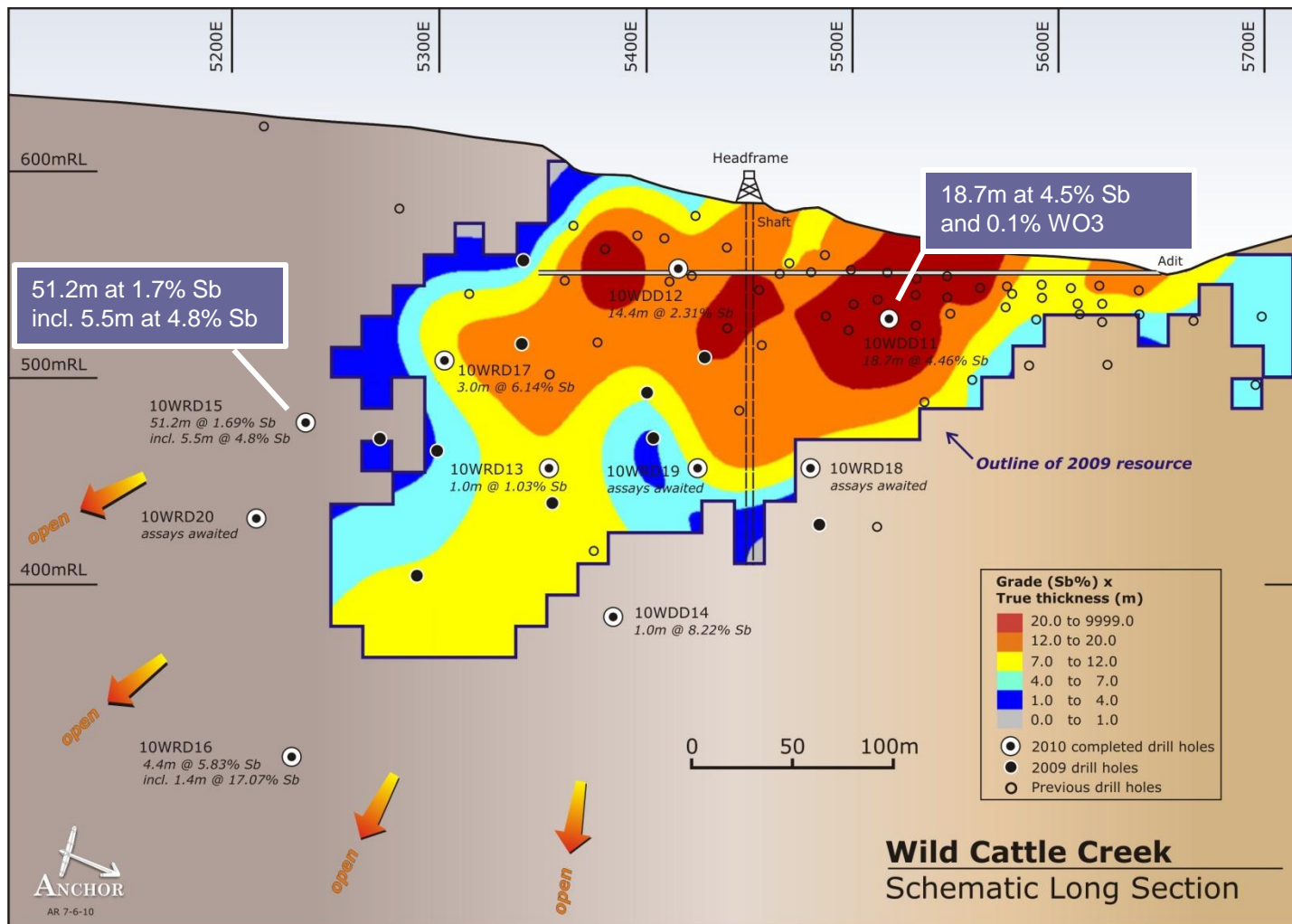
# Anchor's 2010 drill program

- **Drilled from February to May**
  - 12 holes
  - ~2,200m
  - RC with diamond tails
- **Tested:**
  - extensions down plunge
  - confirm previous results
  - reconnaissance areas
- **Results from 9 holes received**
- **3 holes pending**



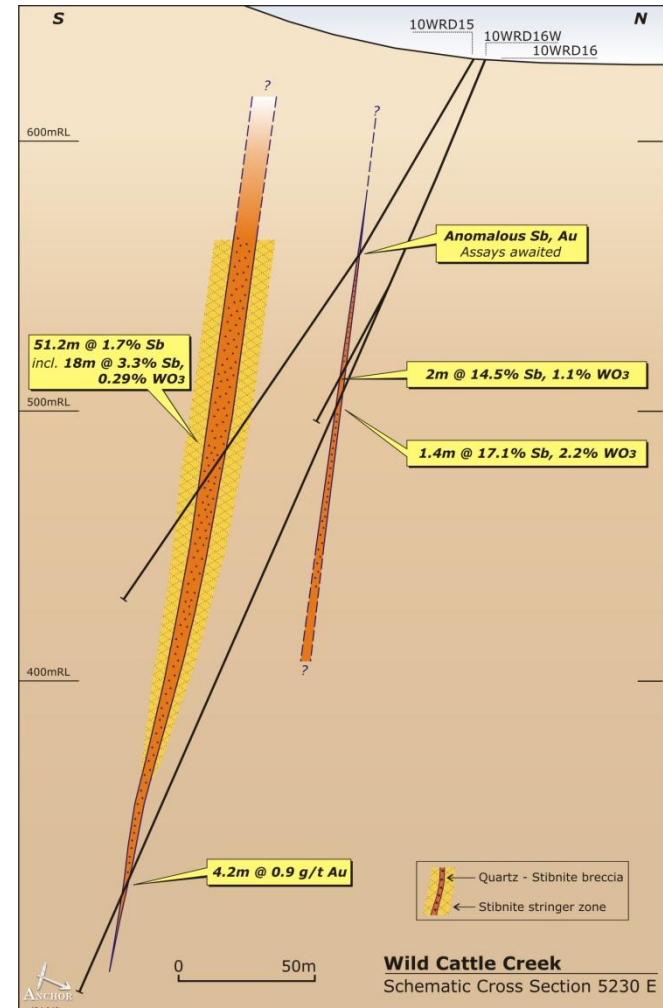


## Long section – Anchor drilling 2010



# Cross section – New high grade zone 2010

- 3rd June announcement
- ***“New high grade antimony-tungsten zone discovered”***
- ***Parallel to main breccia zone***
- ***35m north of main zone***
- ***\* 2m at 14.5% Sb & 1.1% WO<sub>3</sub>***
- ***\* 1.4m at 17.1% Sb & 2.2% WO<sub>3</sub>***
- ***Potential for additional resources***
- ***Open down dip and to the west***





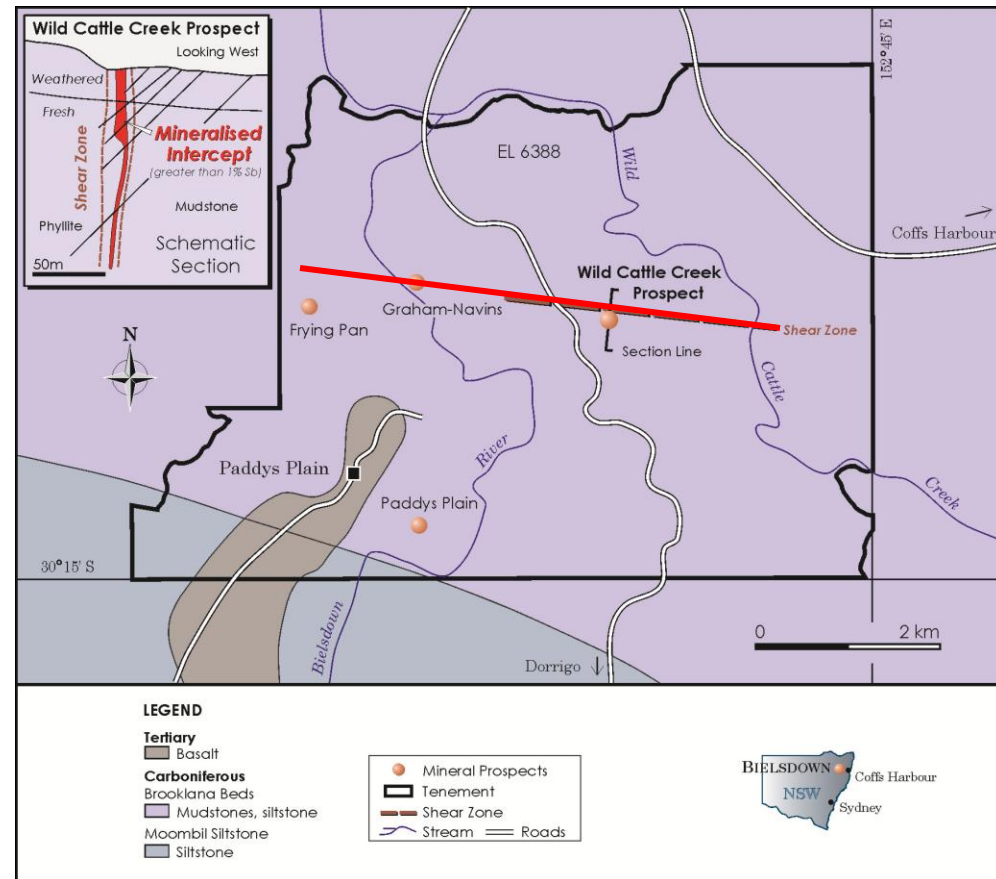
## 2010 results summary

- **Assays from final 3 holes pending**
- **Mineralised zone was extended down plunge...again**
- **True widths up to 22m were encountered**
  - compares to widths of only 1-3m at both Hillgrove and Costerfield
- **“Twin” holes confirmed and upgraded previous drilling**
- **New parallel high grade antimony-tungsten zone discovered**
- **System remains open down plunge**



## Bielsdown project – work program

- Further drilling in 2H10 to expand resource base
- Update 3D model and resource - target 1.5 – 2.0 Mt resource
- Metallurgical testwork
- Scoping study
- Regional reconnaissance along east-west trending host structure >4km in length
  - antimony to 8.22%
  - gold to 1.63 g/t
  - tungsten to 0.37%





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# Anchor Resources

## ***Board of Directors***

### **John Anderson - Chairman**

Has over 26 years experience in the finance sector in banking, investment banking and general consulting. Previously CEO of Admiralty Resources, and various unlisted companies.



### **Trevor Woolfe - Managing Director**

Geologist graduated in 1985 (Monash), exploration with Metana, Great Central, Newcrest and later with Placer Dome in Australia, Brazil and Chile. Commodity and resource analyst prior to becoming founding MD of Anchor in 2007.



### **Grant Craighead - Executive Director**

Geologist with 16 years in exploration and mining roles, including Chief Geologist – Elders Resources. Later resource analyst with Macquarie and Allianz. Also founder/director of Stock Resource and director of LimeStreet Capital.



### **Gary Fallon - Non-executive Director**

Geophysicist with 25 years experience in mineral / coal exploration and mining projects throughout Australia and internationally. Director and principal to Geophysical Resources and Services, a geophysical contracting / consulting company.







## Company Profile

**ASX code:**

**AHR**

**Listed on ASX:**

**July 2007**

**Issued Share Capital**

**ordinary shares**  
**unlisted options**

**39.3 million**  
**2.3 million**

**Top 20 shareholders**  
**Directors/Vendors**

**55%**  
**33%**

**Market Cap** (3 June 2010)

**\$7 million**

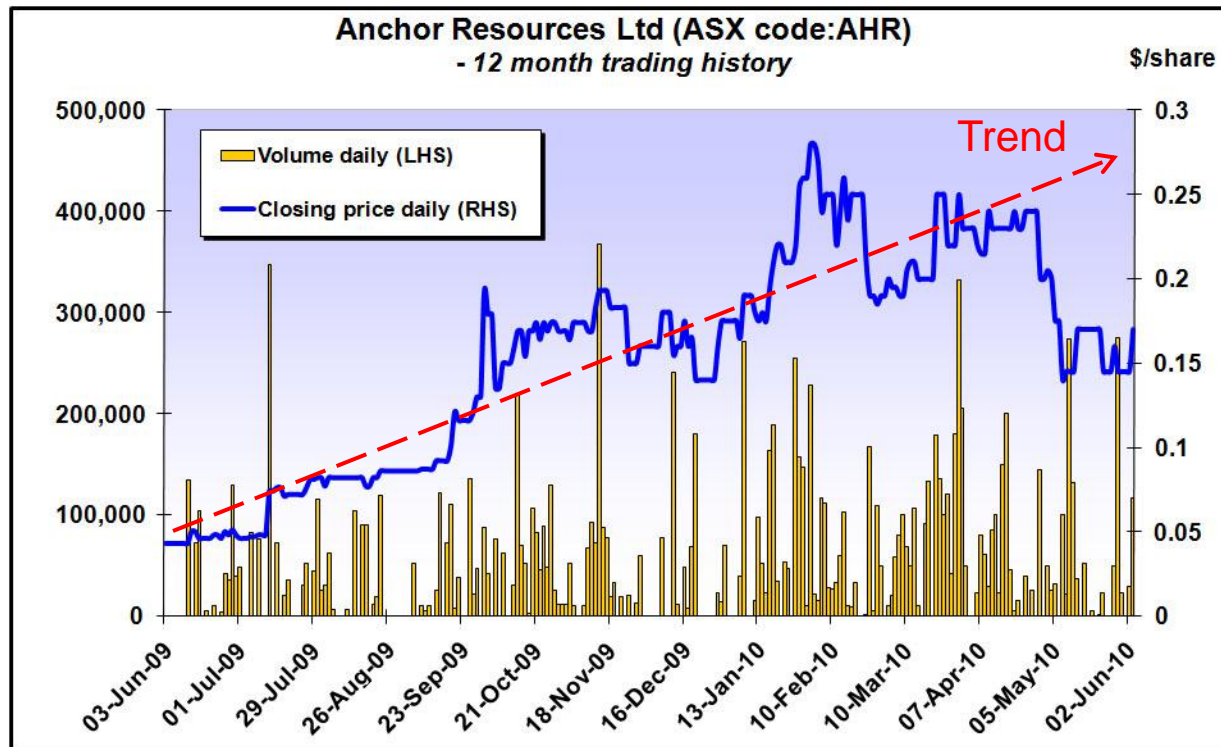
**Cash at bank** (31 Mar 2010)

**\$1.3 million**

***Comment:      Tightly held share structure***



## AHR – past 12 months



- \* 12 month range: 4 cents to 28 cents
- \* Uplift from successful resource expansion drilling in 2009
- \* Recent weakness from RSPT and European uncertainty
- \* Effect of latest excellent drill results subdued by these external factors



## Reasons to invest in Anchor

- Robust global antimony market
- Antimony price hitting new records
- Resource growth story at Wild Cattle Creek
- Drill results pending
- Upside from discovery of high grade Sb/W shoot
- Untapped regional exploration upside
- Anchor – a successful explorer with a tight share structure



# Thank You

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