

Anchor Resources Limited (ASX code: AHR)

Recent Advances at Wild Cattle Creek Antimony Deposit

Graeme Rabone

Consulting Geologist 24 September 2010



Disclaimer

This presentation has been prepared by Anchor Resources Ltd (Anchor). The information contained in this presentation is a professional opinion only and is given in good faith. Certain information in this document has been derived from third parties and though Anchor has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by Anchor. Any forward looking statements included in this document involve subjective judgement and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and maybe unknown to, Anchor. In particular, they speak only as of the date of this document, they assume the success of Anchor's strategies, and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward looking statements and the assumptions on which the forward looking statements are based. Recipients of this document ("Recipients") are cautioned to not place undue reliance on such forward looking statements. Anchor makes no representation or warranty as to the accuracy, reliability or completeness of information in this document and does not take responsibility for updating any information or correcting any error or omission which may become apparent after this document has been issued. To the extent permitted by law, Anchor and its officers, employees, related bodies corporate and agents ("Agents") disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default or lack of care of Anchor and/or any of its Agents) for any loss or damage suffered by a Recipient or other persons arising out of, or in connection with, any use or reliance on this presentation or information. All amounts in A\$ unless stated otherwise.

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 but has metalloid properties
- Common form:
 - stibnite Sb₂S₃
 - sulphide mineral
- Dark grey, metallic, nonmagnetic, acicular crystals
- Processed ore products include:
 - concentrates
 - metal ingots (>99.65% Sb)
 - antimony trioxide powder

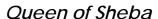


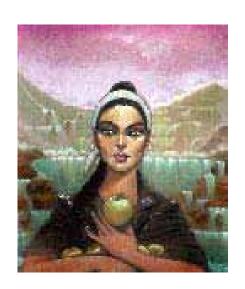
Stibnite needles in quartz

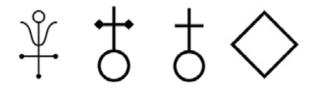


Antimony: Ancient Uses

- Extends back to 3,000BC
- Cosmetics ("kohl")
- Medicine
- Black pigment for paint
- Alchemy







Sb metal symbols

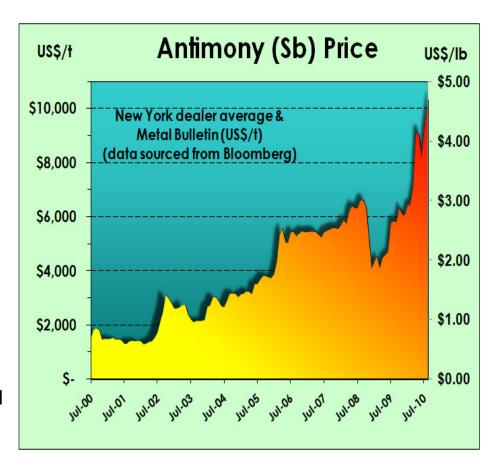
Antimony: Modern Uses

- Flame retardant in plastics, rubber, fibreglass and textiles (40%)
- Lead alloys in batteries (20%), other alloys (pewter, solder)
- Glass manufacture, ceramic and porcelain glazes (10%)
- Catalyst in the polyester resin industry (film)
- Semi-conductors (infrared detectors, diodes), dopant
- Medicine (parasitic worm treatment, anti-protozoal drugs)
- Ammunition (primers, bullets), fireworks, safety matches



Antimony Pricing

- Price surged to record highs
- Up 70% in 2010 !!
- Sb recently traded at US\$4.68/lb or US\$10,325/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





Location

- 40km west Coffs Harbour
- Dorrigo plateau, 600m ASL
- New England orogen
- Coffs Harbour Block
- 80km NE Hillgrove Sb-Au mine (in an Sb field)





Antimony in the New England

Hillgrove Sb-Au mine

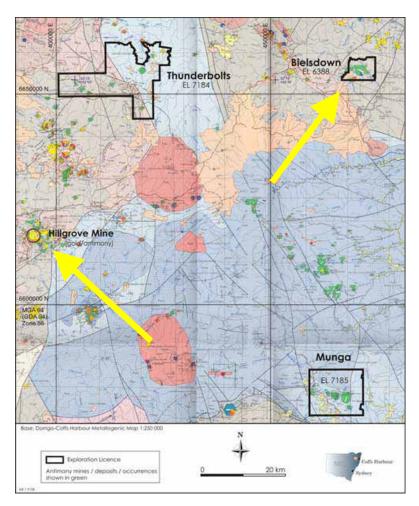
- Straits re-commenced mining 2008
- Suspended operations late 2009
 (due to significant processing problems after a decision to produce Sb metal rather than concentrates)
- Considering corporate options
- Located ~80km SW of Wild Cattle Creek

Anchor Sb projects

Bielsdown (Sb-Au-W)

Thunderbolts (Sb)

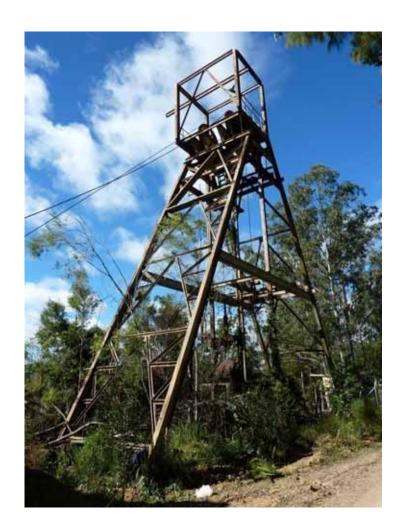
Munga (Sb)





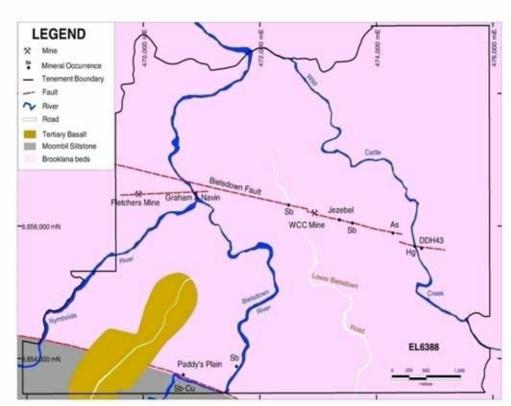
Wild Cattle Creek Deposit History

- 1890 First ML applications
- 1927 Au & W discovered
- 1963-75 Dundee Mines/AAC
- 1971 Shaft sunk to 165m
- Adit to 366m, open cut 7-10m
- 1992-98 Allegiance Mining
- Metallurgy, mine design, EIS
- 2007 Anchor Resources



Regional Geology

- Turbiditic sediments of inferred Late Carboniferous age
- Regional metamorphism to greenschist facies
- >6km long strike-slip fault
- Brittle-ductile deformation
- Stibnite at 6 locations:
 - Sb to 8.22%
 - Au to 1.63 g/t
 - W to 0.37%





Deposit Geology

- Fine-grained meta-argillite
- Sub-vertical structure
- Multiple deformation events
- Quartz-sericite alteration
- Breccia-hosted mineralisation
- Multiple mineralisation events
- Minimal quartz veining





Mineralisation

- Sb-Au-W-As-Hg zoned system
- High Sb in cemented breccia
- Dominantly stibnite
- Arsenopyrite, minor pyrite
- Wolframite, minor scheelite
- Cinnabar, native mercury
- Multiple events





Styles of Mineralisation



Cemented breccia



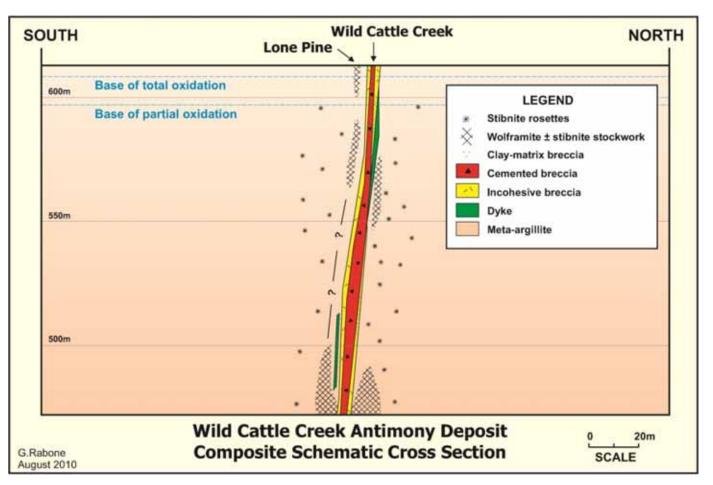
Wolframite stringer



Stibnite rosette



Composite Cross Section



- Vertical metal zonation Hg at top, Au at depth?
- Lateral metal zonation Sb core, W peripheral

24 September 2010

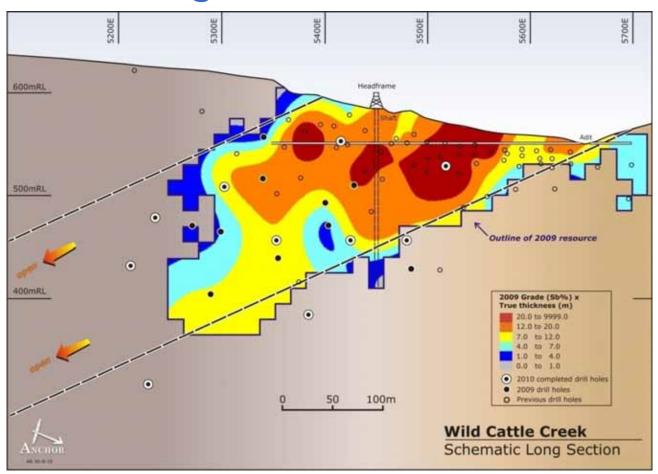
2009 Mineral Resource (Inferred)

Cutoff Grade % Sb	Tonnes t	Grade % Sb	Contained Metal Sb tonnes
0.5	880,000	1.99	17,500
1.0	718,000	2.27	16,300
1.5	546,000	2.59	14,100

- Mineral resource estimate by SRK Consulting November 2009
- 3D model and resource only incorporated breccia core zone
- Insufficient data to model peripheral Sb-Au-W stringer zone
- Resource update in progress with 2010 drilling results
- Current antimony price ~US\$10,325/t



Longitudinal Section

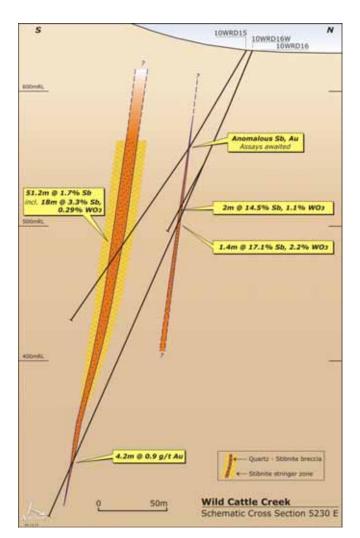


- Expected to increase resource in 2010 estimate
 - Deposit remains open down plunge



New sub-parallel high grade zone?

- Newly discovered high-grade antimony-tungsten zone
- Sub-parallel to main breccia zone
- 35m north of main breccia zone
- 2.0m at 14.5% Sb & 1.1% WO₃
- 1.4m at 17.1% Sb & 2.2% WO₃
- Open down dip and along strike
- Potential for additional resources



Selected World Antimony Resources

Deposit * operating	Location	Mt	Sb %	Au g/t	W %
Wild Cattle Creek	Australia	0.88	2.0	?	?
Hillgrove (6 dep.)	Australia	5.84	1.5	4.6	0.02
Costerfield*	Australia	0.65	6.2	12.0	-
Blue Spec	Australia	0.47	1.7	24.3	0.02?
Xikuangshan*	China	12.0	2.5	2.6	?
Wuxi*	China	1.76	6.5	13.0	0.37
Gravelotte*	South Africa	9.78	2.2	2.5	?
Beaver Brook*	Canada	2.12	4.4	-	-
Los Lirios	Guatemala	2.0	2.3	5.4	0.5?
Kadamzhay*	Kyrgyzstan	4.4	3.3	-	-
Los Juarez*	Mexico	1.0	1.8	-	-

Wild Cattle Creek Antimony Deposit - Summary

- Turbiditic sediments (meta-argillite)
- Regional metamorphism to middle greenschist facies
- Regional 6km fault, strike-slip movement
- Multiple brittle and brittle-ductile deformation events
- Sericite-quartz-sulphide wallrock alteration
- Multiple mineralisation events
- Sb-Au-W-As-Hg geochemical association
- Vertical and lateral metal zonation
- Nearest felsic intrusive 4km

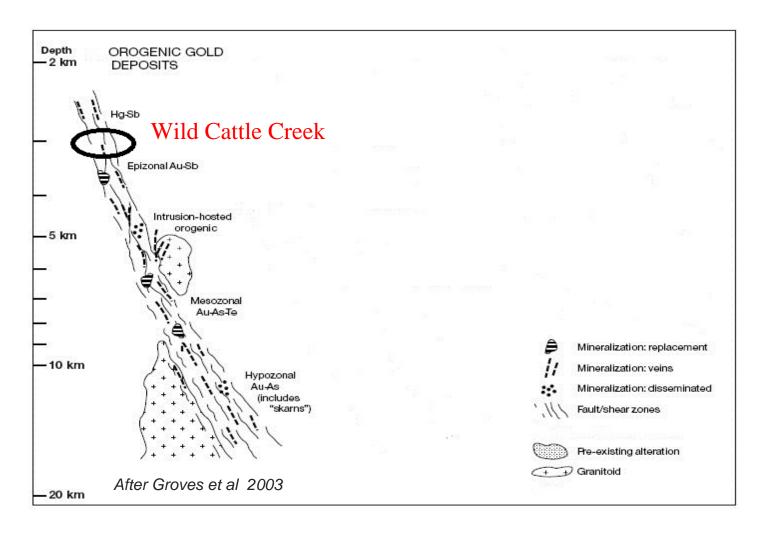
Orogenic Gold Model

(Groves at al 2003)

- Turbidite accretionary terrane
- Greenschist facies metamorphism of host rocks
- Strike-slip fault movement
- Multiply reactivated regional deformation zone
- Muscovite wallrock alteration assemblage
- Multiple mineralisation events
- Distal relationship with felsic intrusives
- Problematic identification of fluid pathways and metal sources



Orogenic Sb-Au-W Model





Company Profile

ASX code: AHR

Listed on ASX: July 2007

Issued Share Capital

ordinary shares 39.3 million unlisted options 2.3 million

Top 20 shareholders 55% Directors/Vendors 33%

Market Cap (23 Sep 2010) \$6 million

Cash at bank (30 June 2010) \$0.6 million

Comment: Tightly held share structure





Thank You

www.anchorresources.com.au ASX code: AHR