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The New Altona

July 2014

www.altonamining.com

ACN 090 468 018

ASX: AOH
FSE: A20



Built and Sold a Polymetallic Mine in Finland

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Jumbo and massive sulphides at the Kylylahti mine

The Sale of Outokumpu Copper-Gold Mine

- Sold to Boliden for US\$95 million adjusted for working capital and net capital expenditure
- Expected final payment US\$100million (A\$106 million)
- Shareholder approval 20 August 2014
- Closing 1 October 2014
- Cash position on closing: A\$120-125 million
- Tax losses expected to cover any tax payable
- 15 cents per share cash return to shareholders (A\$80 million)
- Cash return (subject to tax ruling and shareholder approval) will be mix of capital return, dividend or buyback



Luikonlahti mill

Altona delivers on its promises

- Company formed in 2010
- Outokumpu Project was financed and built on time and budget in 2012
- Mine outperformed in Resources and Reserves
- Paid back debt 2 years early
- Transaction demonstrates a focus on shareholder returns
- Little Eva resources and reserves up 136% and 230% since 2010
- Little Eva is permitted and a DFS completed
- Next transaction Little Eva?



Altona team
at Mt Roseby

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Little Eva - Value to be unlocked

Altona before capital return and after sale completed

- 100% Little Eva
- \$120-\$125 million cash
- 22.6-23.5 cents per share cash

Altona after 15 cents cash return

- 100% Little Eva
- \$40-45 million cash
- 7.5-8.5 cents per share cash

➤ Little Eva is free and cash is at a discount!



Little Eva: The next big mine at Mt Isa

To view the Little Eva movie go to
www.altonamining.com

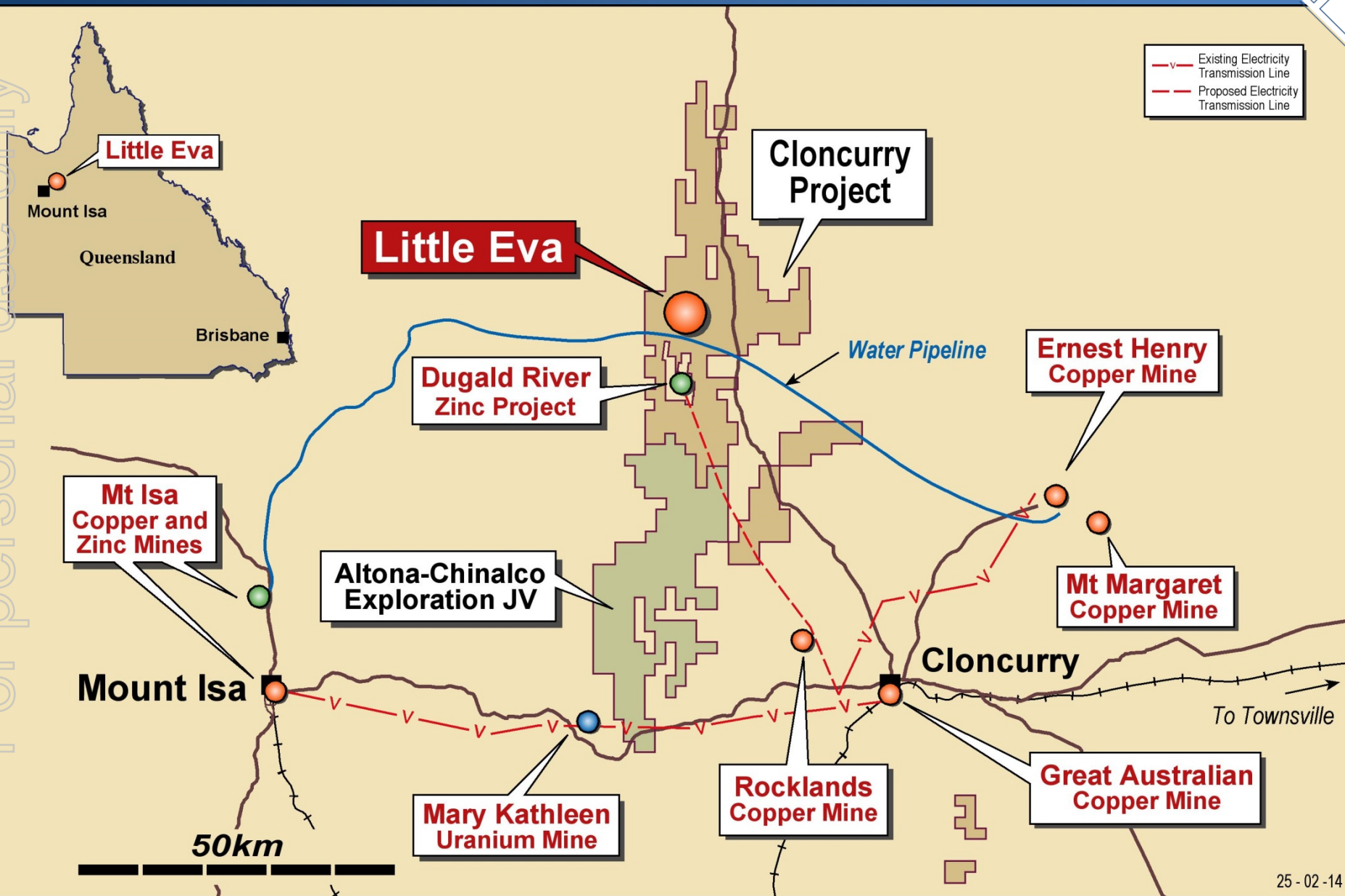
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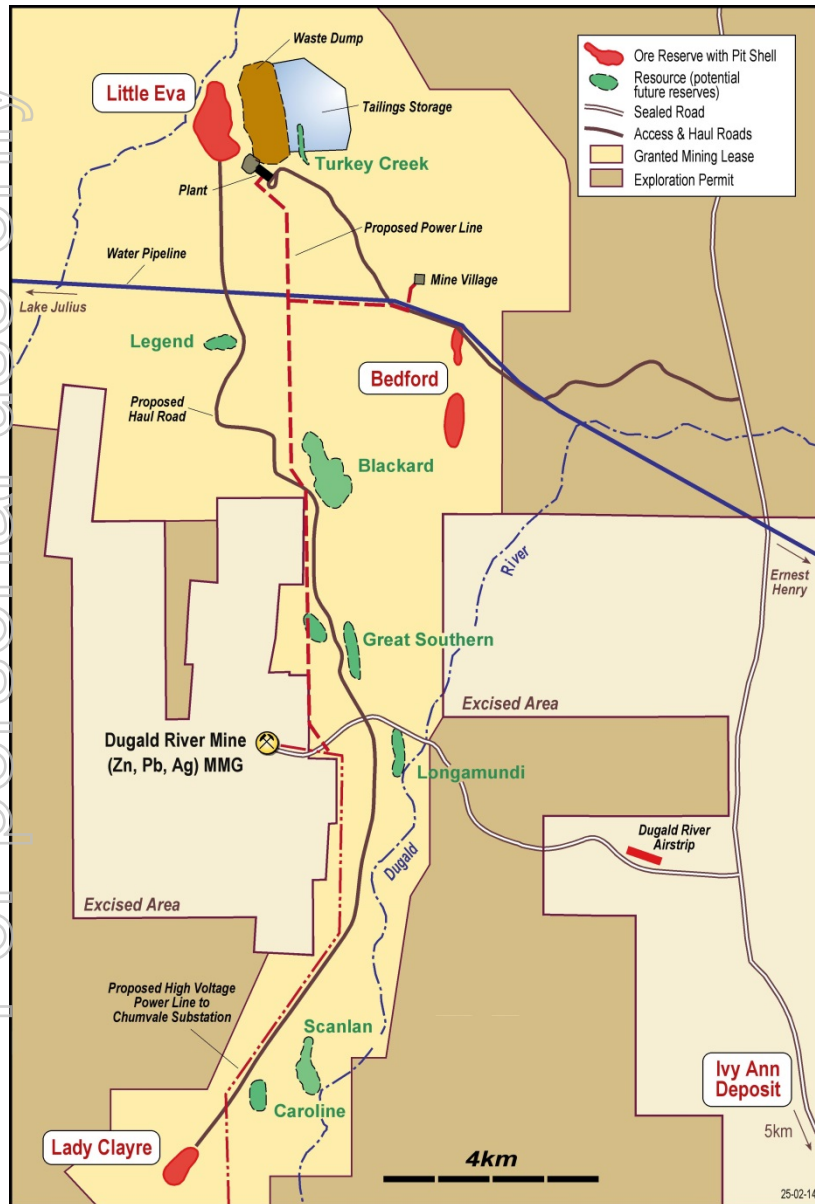
Mt Isa

Little Eva Lies in a World Class Mineral Field

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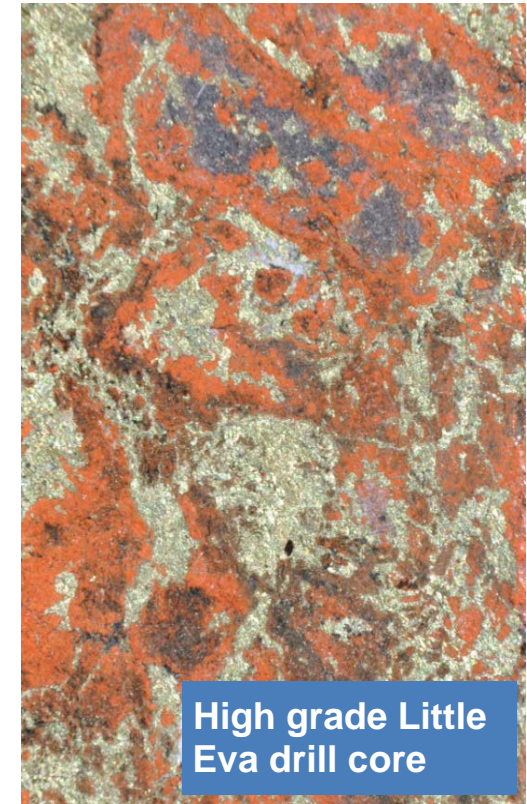
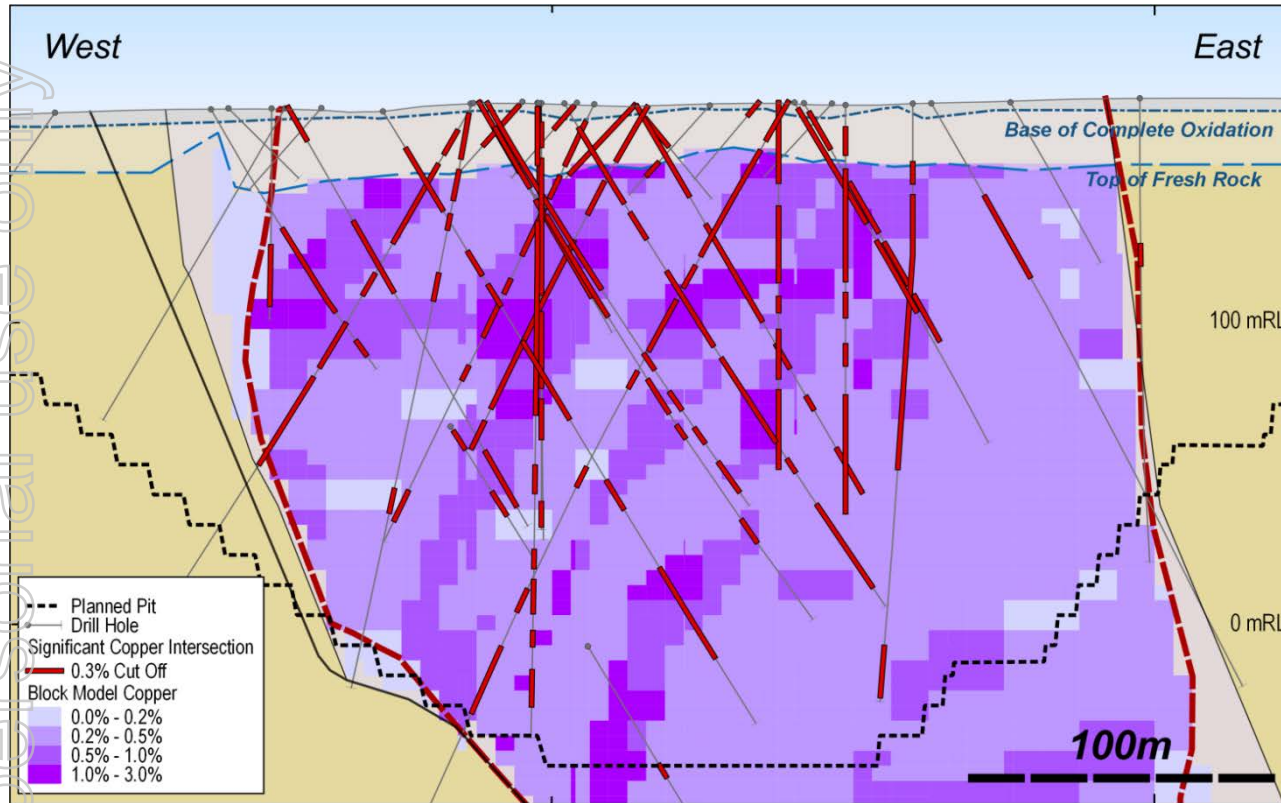


Permitted With Good Infrastructure



- Native title, environmental permits and mining leases all in place
- Modifications to Environmental Management Plan will be required
- 7km from sealed highway and 60km from Cloncurry airport
- Concentrate trucked 65km to Cloncurry rail siding in sealed half containers, rail to Townsville port
- Power via 9km spur line from Dugald mine proposed 220KV line or onsite power
- Ground water or access water pipeline
- FIFO with 220 man village
- Dugald River mine infrastructure adjacent

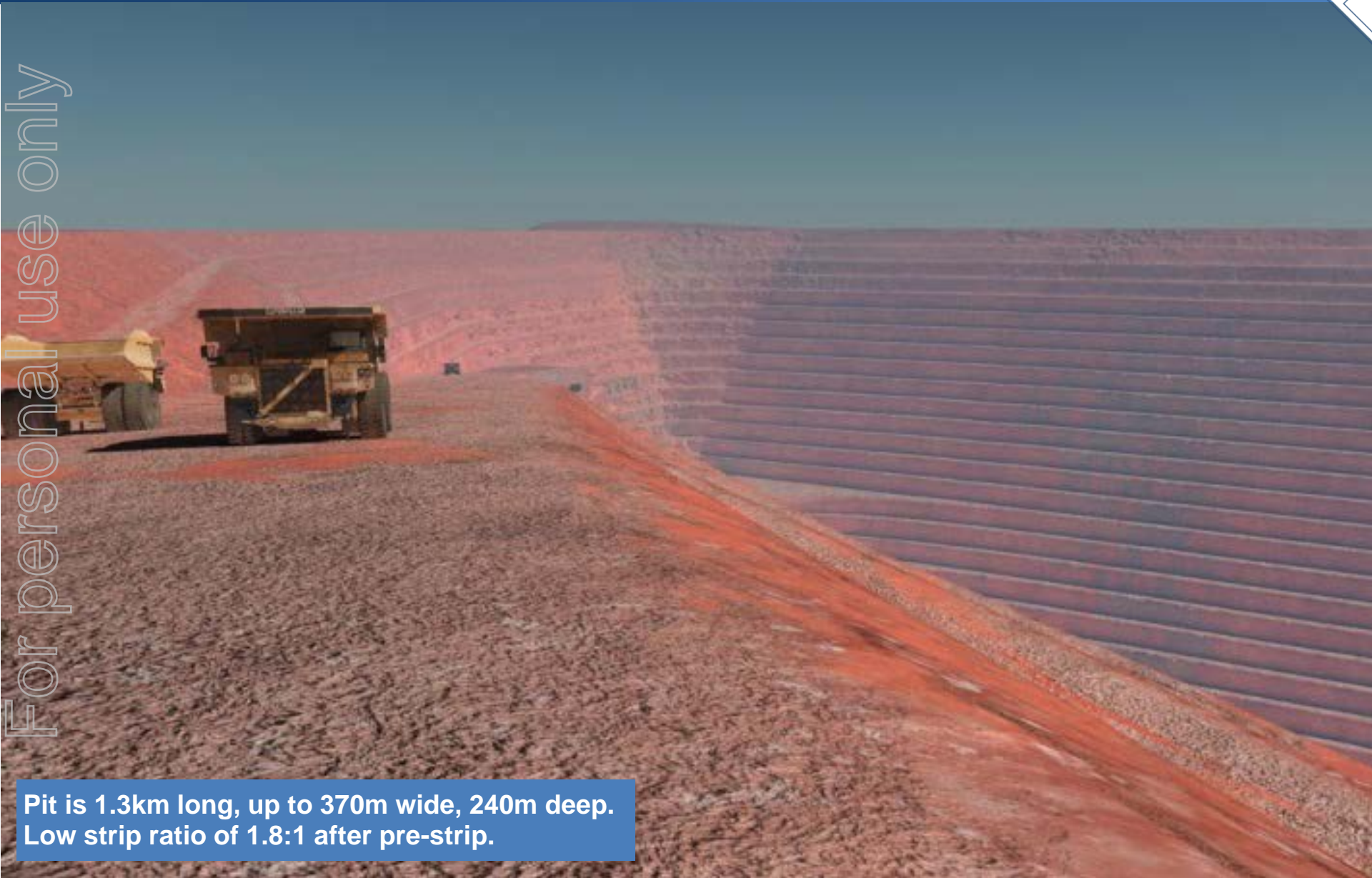
Simple Geology



- Large bulk IOCG style deposit similar to Ernest Henry
- Hematite-albite-carbonate (+/- magnetite) altered intermediate-mafic rock
- Average 2-3% chalcopyrite and pyrite
- Oxide cap not included in resources

Straight Forward Bulk Mining

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Pit is 1.3km long, up to 370m wide, 240m deep.
Low strip ratio of 1.8:1 after pre-strip.

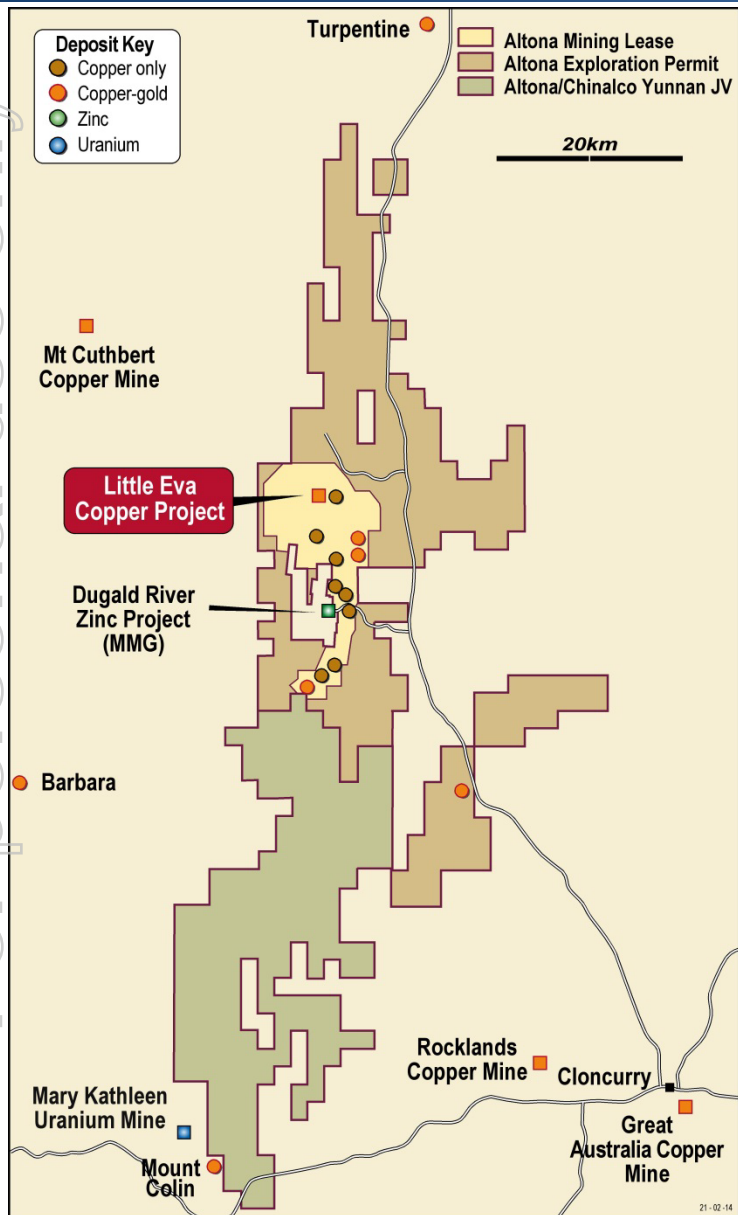
Standard 7Mtpa Plant and Processing

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Simple and rapid flotation with coarse grind. 96% copper and 85% gold recoveries to a clean 25% copper and 4g/t gold concentrate

Definitive Feasibility Study (DFS)



- Bankable DFS by GR Engineering Services (GRES). Costs refreshed in February 2014
- Focused on 4 simple sulphide deposits of which Little Eva is the largest
- JORC 2012 compliant resources and reserves
- Straightforward open pit mining and simple processing for 11 years
- Clean copper-gold concentrate
- Native title, environmental permits and mining leases all in place
- Low capital intensity
- 7 'copper-only' deposits excluded

A Substantial Project

		Units
Project Life	11	Years
Throughput	7,000,000	Tonnes per annum
Copper Grade	0.6	%
Gold Grade	0.1	g/t
Copper Production	38,800	Tonnes per annum
Gold Production	17,200	Ounces per annum
Capital Expenditure	294	A\$ millions
Life of Mine Revenue (NSR)	2,931	A\$ millions
NPV (7.5% pre-tax real)	346	A\$ millions
Internal Rate of Return	29	%
C1 Cash Cost	1.65	US\$ per pound copper
All-in Cash Cost	1.96	US\$ per pound copper

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Exploration Upside



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**Vegetation anomaly
at Longamundi**

Highlights

- One of few large-scale copper opportunities in Australia
- Permitted
- Offers low-risk straightforward production
- Competitive cash costs
- Low capital intensity, robust financial metrics
- Multiple expansion and exploration opportunities
- Large resource within wider Cloncurry Project: 260Mt at 0.6% Cu, 0.05g/t Au with 1.52Mt contained copper
- Strategic asset in major mineral field



Copper stained rocks (malachite) from old workings at Little Eva

Next Steps

- Deliver 15 cents cash return
- Conserve cash / reduce overhead
- Partnering negotiations focussed on sale or sell down of project equity to minimise Altona equity contribution to any development
- Drilling for resource and reserve expansion
- Testing of high value exploration targets
- Open to value adding corporate transactions

We have delivered value on Finland.

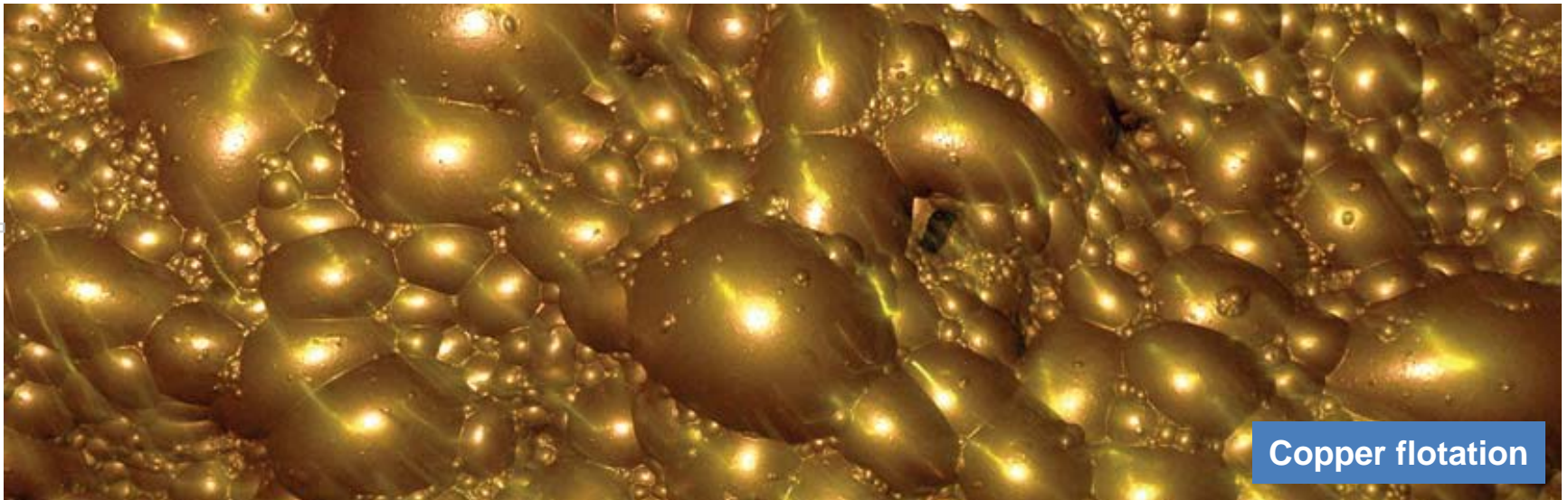
Little Eva is in progress.



Drilling at Little Eva

Simple Investment Proposition

- Strong cash position
- No value in share price for Little Eva
- Leverage to strengthening copper market with 39ktpa copper project ready to go and 1.5Mt copper inventory
- Low sovereign and technical risk
- Track record of shareholder returns, mine development and operation



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Thank you for your attention

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Little Eva



Looking north-west
from Green Hills

Appendices

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Reconnaissance drilling in the shadow of Mt Roseby

Copper Outlook is Strong

- Copper has a wide spectrum of end users
- Demand rising from China, Asia and recovering developed world
- World mine supply now 18Mt copper, 23Mt required in 2024
- Supply response is peaking
- Capital rationing limits new mine development
- US\$3.50/lb needed to incentivise big new projects
- Supply gap of 4Mt copper predicted in 2024
- No more Escondida's, where are the next Tier 1 mines?



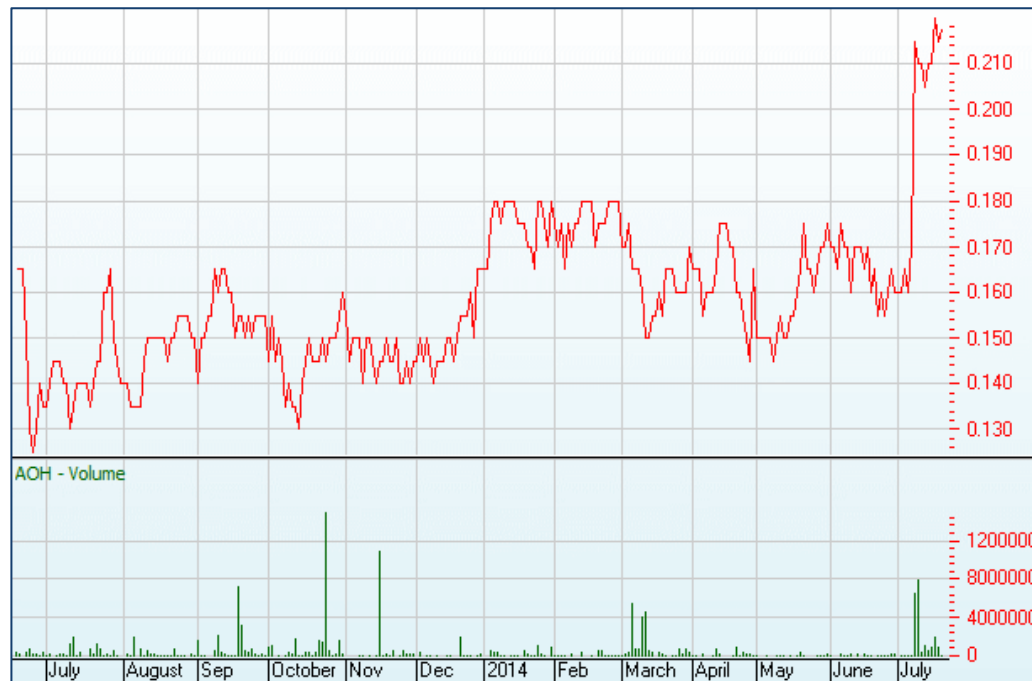
Corporate Snapshot

Key Metrics

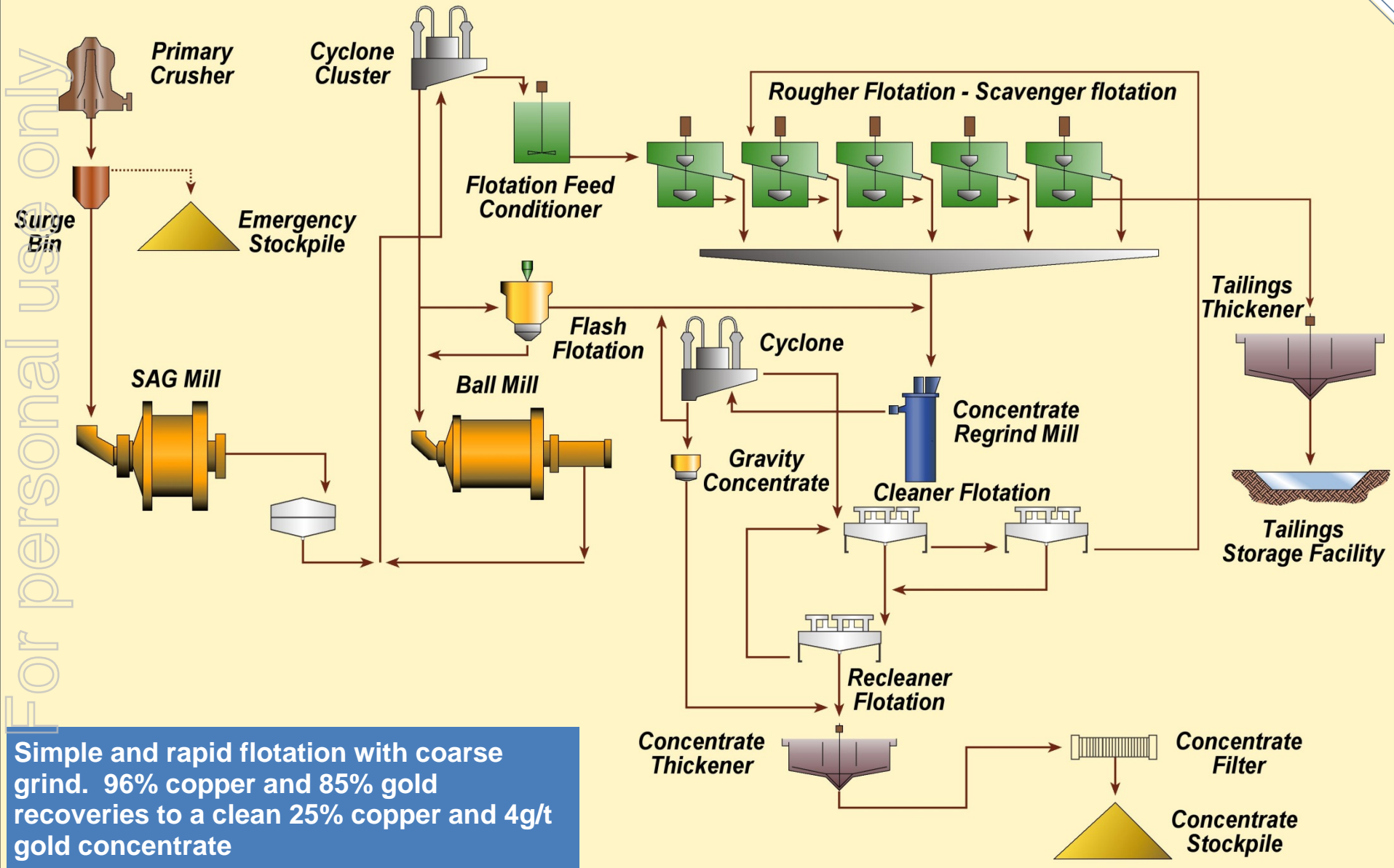
ASX / FSE Code	AOH / A2O
Shares on issue	532m
Current share price	A\$0.215
Market capitalisation	A\$114M
Cash	A\$18M
Debt	Nil

Substantial Shareholders

Perpetual Investments	14.9%
L1 Capital	10.3%
Clearstream Luxembourg (German retail)	7.9%
Kevin Maloney (Chairman)	6.6%
Thomas Roeggla and clients	5.6%
Matchpoint / Shah	4.4%

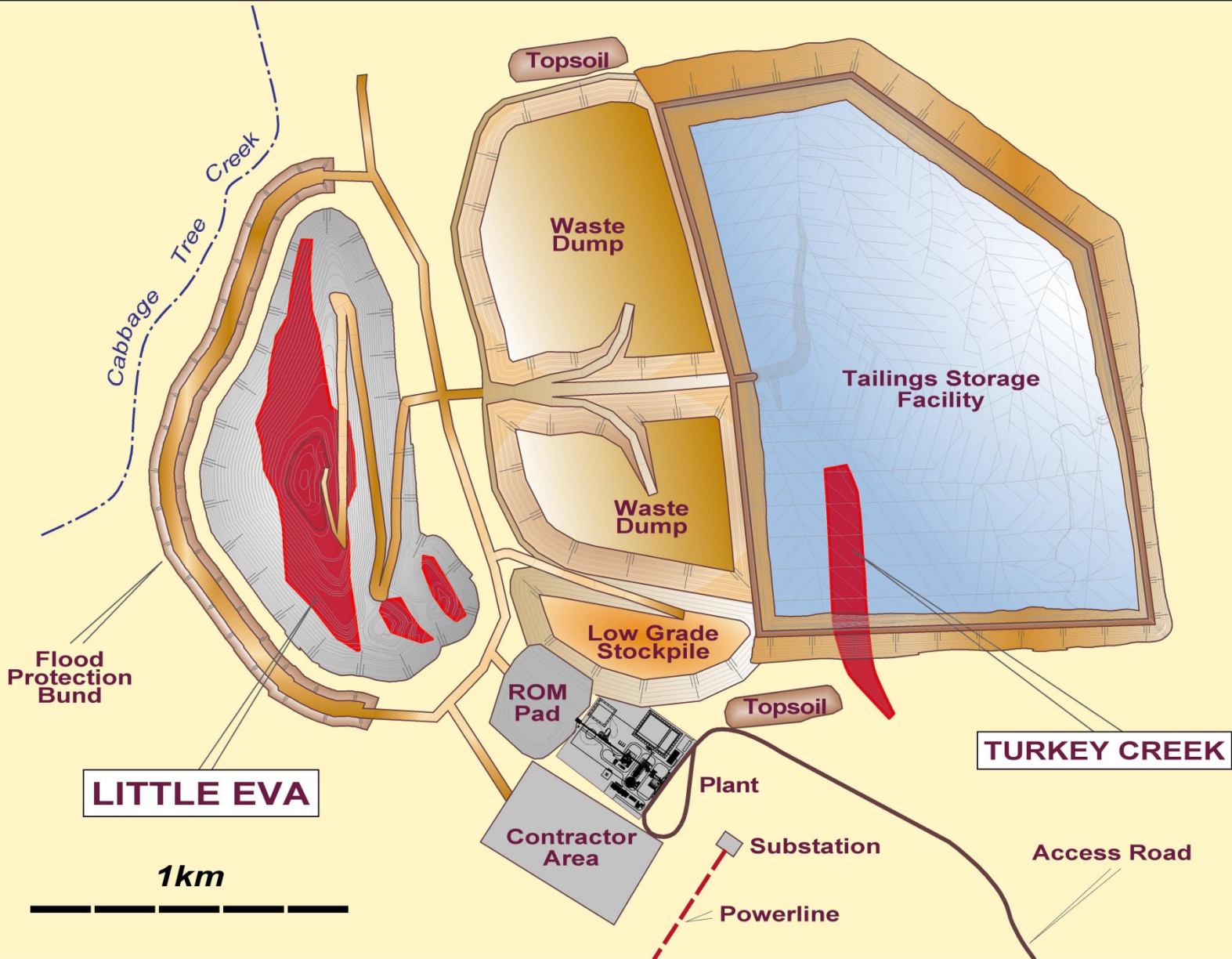


Standard Plant and Processing



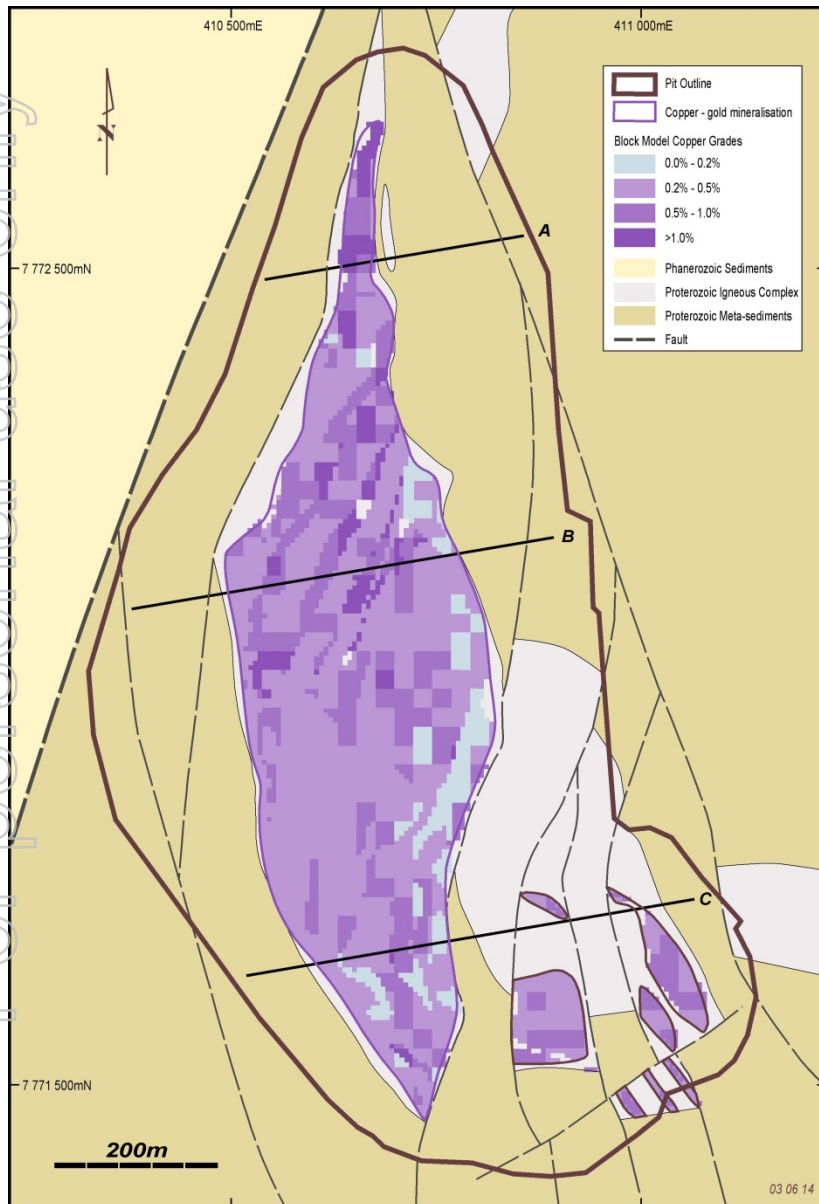
Site Layout

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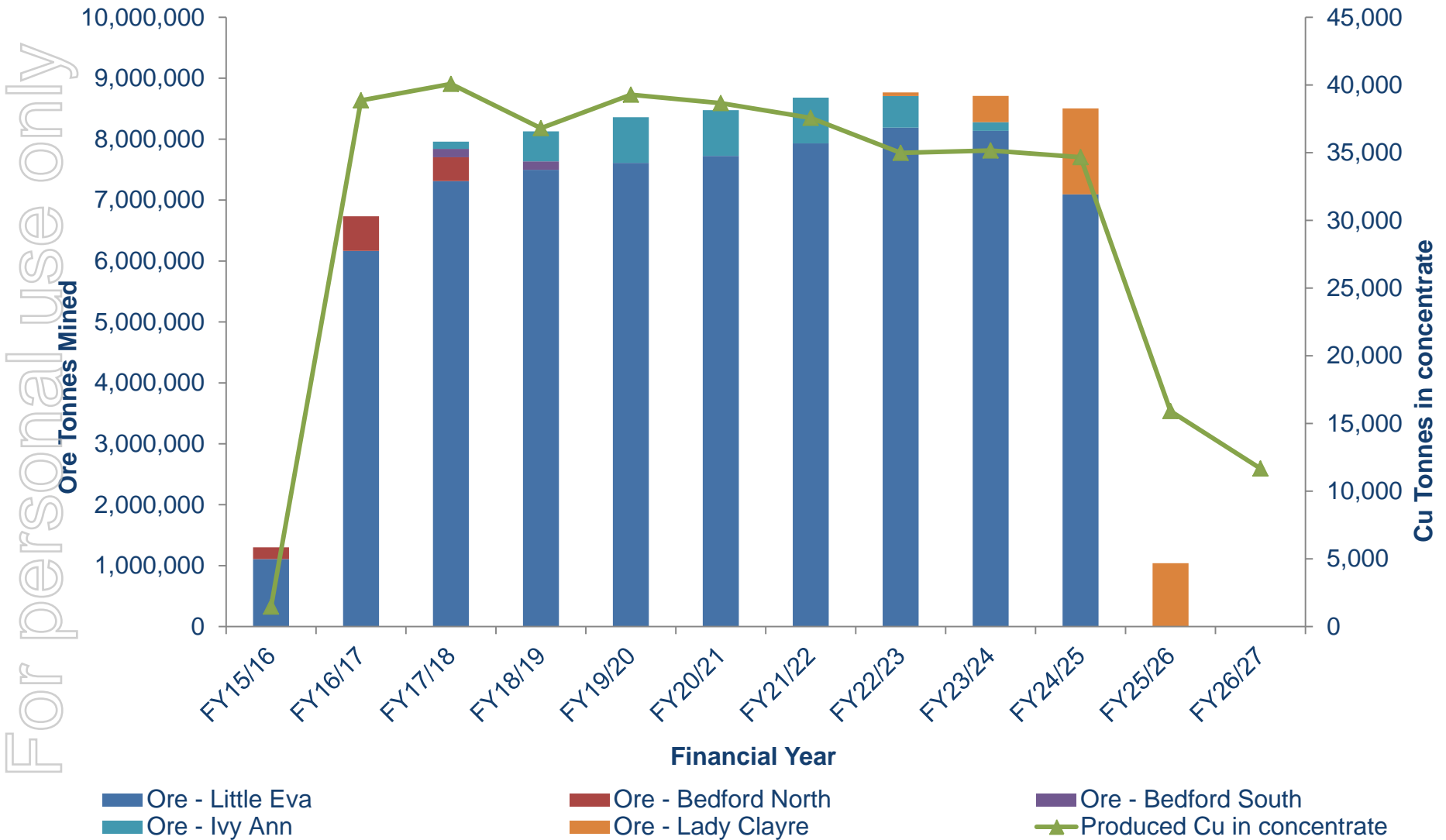
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Straightforward Bulk Mining



- Little Eva is the largest deposit, DFS includes 3 satellite deposits: Ivy Ann, Lady Clayre and Bedford
- Little Eva Resource: 538kt contained copper and 271koz contained gold
- Pit is 1.3km long, up to 370m wide, 240m deep
- Low strip ratio of 1.8:1 after pre-strip
- Reserves: 59Mt ore @ 0.6% copper; 0.1 g/t gold
- Contract mining fleet delivering 7Mtpa to adjacent plant
 - Conventional drill and blast
 - 12 x 136t trucks
 - 2 x 250t excavators

Little Eva Production Schedule



7Mtpa, life of mine production of 365kt contained copper metal and 184koz gold

Little Eva Capital Costs

	A\$ millions
Pre-strip	52
Process Plant and Infrastructure	168
First Fill and Spares	12
Tailings Facility	18
Accommodation Village	18
Owners Costs	8
Contingency	18
Total	294

Excludes mobile fleet and working capital

Capital cost (US\$)	US\$262 million
Capital intensity (US\$ capital per annual copper tonne)*	US\$6,700

* USD:AUD 0.89

Little Eva Production Physicals

Production	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27
Ore milled*	-	0.4	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7
Copper grade (%)	-	0.69	0.64	0.60	0.55	0.58	0.58	0.56	0.52	0.52	0.52	0.24	0.18
Gold grade (g/t)	-	0.11	0.10	0.10	0.09	0.08	0.09	0.08	0.08	0.09	0.11	0.09	0.06

* Million tonnes

Life of Mine Production

Milled tonnes	Million tonnes	76.7
Recovered copper	Tonnes	365,910
Recovered gold	Ounces	137,080

Little Eva Life of Mine Cashflow

	Totals	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27
Capital costs	(294)	(44)	(250)	-	-	-	-	-	-	-	-	-	-	-
Revenue(NSR)	2,931	-	12	308	318	294	309	306	295	277	282	284	143	103
Operating costs	(1,654)	-	(7)	(124)	(175)	(186)	(184)	(175)	(165)	(157)	(159)	(157)	(94)	(71)
Sustaining capital	(117)	-	(6)	(54)	(8)	(4)	(3)	(5)	(7)	(12)	(14)	(4)	-	-
Royalties	(191)	-	(1)	(20)	(21)	(19)	(20)	(20)	(19)	(18)	(18)	(19)	(9)	(7)
Total	675	(44)	(252)	110	114	85	102	106	104	90	91	104	40	25

All values in A\$ millions.

Key Assumptions	2015 to 2017	2018 +
AUD:USD	0.85	0.80
Copper (US\$/lb)	3.20	3.00
Gold (US\$/ounce)	1,230	1,300
TC/RC (US\$/tonne/US\$/lb)	75 / 0.075	75 / 0.075

Little Eva Life of Mine Cash Costs

		C1 Cash Cost	All-in Cash Cost
Mining cost	US\$/lb	0.72	0.72
Site processing cost	US\$/lb	0.57	0.57
TC/RC	US\$/lb	0.21	0.21
Concentrate transport	US\$/lb	0.21	0.21
Other cash costs	US\$/lb	0.16	0.16
By-product credit	US\$/lb	(0.22)	(0.22)
C1 Cash Cost per pound	US\$/lb	1.65	1.65
Royalty	US\$/lb	-	0.19
Sustaining capital	US\$/lb	-	0.12
All-in Cash Cost per pound	US\$/lb	-	1.96

Little Eva Project - Resources and Reserves

	Tonnes (m)	Copper (%)	Gold (g/t)	Contained Copper (t)	Contained Gold (oz)
Sulphide Resources					
Measured	37.1	0.60	0.09	222,000	112,000
Indicated	55.3	0.49	0.09	273,000	158,000
Inferred	35.5	0.51	0.12	189,000	138,000
Total	129.1	0.53	0.10	684,000	409,000
Reserves					
Proven	31.2	0.64	0.08	198,000	85,000
Probable	28.1	0.53	0.10	149,000	90,000
Sub Total	59.3	0.59	0.09	347,000	174,000
Probable (stockpile)	15.3	0.18	0.06	28,000	31,000
Total	74.7	0.50	0.08	375,000	204,000
Mining Inventory	1.9	0.51	0.23	10,000	14,000

Little Eva Project comprises Little Eva, Bedford, Lady Clayre and Ivy Ann.

Cloncurry Project Resource Estimates

DEPOSIT	TOTAL			CONTAINED METAL		MEASURED			INDICATED			INFERRED		
	Tonnes	Grade		Copper	Gold	Tonnes	Grade		Tonnes	Grade		Tonnes	Grade	
	million	Cu %	Au g/t	tonnes	ounces	million	Cu %	Au g/t	million	Cu %	Au g/t	million	Cu %	Au g/t
LITTLE EVA PROJECT - COPPER-GOLD DEPOSITS														
Little Eva	105.9	0.52	0.09	546,000	295,000	37.1	0.60	0.09	45.0	0.46	0.08	23.9	0.50	0.10
Ivy Ann	7.5	0.57	0.07	43,000	17,000	-	-	-	5.4	0.60	0.08	2.1	0.49	0.06
Lady Clayre	14.0	0.56	0.20	78,000	85,000	-	-	-	3.6	0.60	0.24	10.4	0.54	0.18
Bedford	1.7	0.99	0.20	17,000	11,000	-	-	-	1.3	1.04	0.21	0.4	0.83	0.16
Sub-total	129.1	0.53	0.10	684,000	409,000	37.1	0.60	0.09	55.3	0.49	0.09	36.7	0.51	0.12
COPPER ONLY DEPOSITS														
Blackard	76.4	0.62	-	475,000	-	27.0	0.68	-	6.6	0.60	-	42.7	0.59	-
Scanlan	22.2	0.65	-	143,000	-	-	-	-	18.4	0.65	-	3.8	0.60	-
Longamundi	10.4	0.66	-	69,000	-	-	-	-	-	-	-	10.4	0.66	-
Legend	17.4	0.54	-	94,000	-	-	-	-	-	-	-	17.4	0.54	-
Great Southern	6.0	0.61	-	37,000	-	-	-	-	-	-	-	6.0	0.61	-
Caroline	3.6	0.53	-	19,000	-	-	-	-	-	-	-	3.6	0.53	-
Charlie Brown	0.7	0.40	-	3,000	-	-	-	-	-	-	-	0.7	0.40	-
Sub-total	136.7	0.61	-	840,000	-	27.0	0.68	-	25.0	0.64	-	84.7	0.59	-
TOTAL	265.8	0.57	0.05	1,524,000	409,000	64.1	0.63	0.05	80.3	0.54	0.06	121.4	0.56	0.04

See ASX release of 23 October 2007 and 26 July 2011 (Longamundi, Great Southern, Caroline and Charlie Brown), 23 April 2012 (Bedford, Ivy Ann and Lady Clayre), 03 July 2012 (Blackard and Scanlan), 22 August 2012 (Legend) and 27 May 2014 (Little Eva) for full details of resource estimation methodology and attributions.

Note: All figures may not sum exactly due to rounding.

Little Eva is reported above a 0.2% copper lower cut-off grade, all other deposits are above 0.3% lower copper cut-off grade.

Disclaimer and JORC Compliance

What You Should Know

- **Find out more** - This presentation is being used as a presenter's aid with summarised information. See Altona's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange, which are available at www.asx.com.au or www.altonamining.com, for more information.
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- **Forward-looking statements** - Within this presentation there may be certain forward-looking statements, opinions and estimates. These are based on assumptions and contingencies which are subject to change without notice and are not guarantees of future performance. Altona assumes no obligation to update such information.
- **Taking action** - Please undertake your own evaluation of the information in this presentation and contact your professional advisers if you wish to buy or sell Altona shares.

Competent Person Statement and JORC Compliance

Responsibility for entire release: Information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves, is based on information compiled by Dr Alistair Cowden, BSc (Hons), PhD, MAusIMM, MAIG and Dr Iain Scott PhD Min. Processing, BSc Met. (Hons) who are both full time employees of the Company and who have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (The JORC Code). Dr Alistair Cowden and Dr Iain Scott consent to the inclusion in the release of the matters based on their information in the form and context in which it appears.

JORC Compliance

Resource and Reserve estimates: The information in this presentation relating to estimates of Mineral Resources and Ore Reserves have been extracted from the following reports:

ASX Release Date	Title of ASX Release	Outline of Relevance
Resource Estimates		
26 July 2011*	Roseby Resource passes one million tonnes of contained copper	Initial resource estimate for Little Eva deposit with 2004 JORC Table 1.
23 April 2012*	Further resource upgrades at Roseby Project	Resource estimates for Bedford, Ivy Ann and Lady Clayre deposits with relevant 2004 JORC Table 1.
14 May 2012*	Little Eva: A new large scale copper development	Little Eva Definitive Feasibility Study. Included an updated resource estimate for Little Eva due to the removal of surface oxide mineralisation from the resource estimate reported on 19 December 2011.
3 July 2012*	15% Resource Upgrade at Roseby Project	Resource estimates for the Blackard and Scanlan deposits with relevant 2004 JORC Table 1.
22 August 2012*	Further Resource Upgrade at Roseby Project	Resource estimate for the Legend deposit with 2004 JORC Table 1.
27 May 2014	JORC 2012 Resource estimate for the Little Eva deposit	Resource estimate for the little Eva deposit with 2012 JORC Table 1.
Reserve Estimates		
13 March 2014*	Cost review delivers major upgrade to Little Eva	Reserve estimates unchanged since ASX release of 14 May 2012 <i>"Little Eva: A new large scale copper development."</i>

* This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

JORC Compliance (continued)

The ASX releases referenced in the previous slide are on the Altona website at www.altonamining.com. The Company confirms that it is not aware of any new information or data that materially affects the information included in the most recent market announcement for each deposit and, in the case of Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original market announcement.

Copper equivalence: When used, copper equivalence refers to copper in concentrate, not resources or reserves, or drill results. Revenues from gold is simply equated to copper revenue.

Production target and forecast financial information: Information in this presentation refers to a production target and the forecast financial information derived from a production target as disclosed to the market in the ASX release *Cost Review Delivers Major Upgrade to Little Eva* dated 13 March 2014, which is available to be viewed at www.altonamining.com or www.asx.com.au. The Company confirms that all the material assumptions underpinning the production target and the forecast financial information derived from the production target referred to in the above-mentioned release continue to apply and have not materially changed.

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