



Calingiri Copper Project

Advancing a world class resource with
proven ore sorting technology

Investor Presentation

March 2018

Important Information



Disclaimer

The presentation materials (and the contents of the presentation) are for information purposes only and do not constitute an offer or invitation to subscribe for or purchase any securities, and neither the presentation materials nor anything contained therein nor the fact of their distribution nor the contents of the presentation shall form the basis of or be relied on in connection with or act as any inducement to enter into any contract or commitment whatsoever.

The information contained in this presentation is subject to material updating, completion, revision, amendment and verification. No reliance should be placed on the information and no representation or warranty (express or implied) is made by the Company, any of their respective directors or employees or any other person, and, save in respect to fraud, no liability whatsoever is accepted by any such person, in relation thereto. The Company does not provide any financial product advice.

Forward-Looking Statements

This presentation includes certain statements that may be deemed “forward-looking statements”. All statements in this presentation, other than statements of historical facts, that address future production, reserve or resource potential, exploration drilling, exploitation activities and events or developments that Caravel Minerals Limited (the **Company**) expects to occur, are forward-looking statements.

Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. The ability of any person to achieve forward-looking production and economic targets is dependent on numerous factors that are beyond the Company’s control and that Caravel cannot anticipate. These factors include, but are not limited to, site-specific mining and geological conditions, management and personnel capabilities, availability of funding to properly operate and capitalize the operation, variations in cost elements and market conditions, developing and operating the mine in an efficient manner, unforeseen changes in legislation and new industry developments. Any of these factors may substantially alter the performance of any mining operation.

Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Readers should not place undue reliance on forward-looking information. The Company does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.

Competent Person Statement

The information in this report that relates to the Calingiri Mineral Resource estimates is extracted from an ASX Announcement by Caravel Minerals dated 4 April 2016 (“*Calingiri Maiden JORC Resource*”) available at www.caravelminerals.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the Mineral Resource 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 represented have not been materially modified from the original market announcement.

Production Targets and Financial Information

Information in relation to the Calingiri Project Scoping Study, including production targets and financial information, included in this report is extracted from an ASX Announcement by Caravel Minerals dated 28 June 2016 (“*Scoping Study Confirms Outstanding WA Copper Project*”) available at www.caravelminerals.com.au and www.asx.com.au. The Company confirms that all material assumptions underpinning the production target and financial information set out in the announcement released on 28 June 2016 continue to apply and have not materially changed.

Caravel at a Glance

*Driving **Calingiri Copper Project** returns via the application of proven ore sorting technology*



A world class copper resource

- 🔦 **Location:** Developed, premier strategic jurisdiction in Western Australia
- 🔦 **Scale & simplicity:** Large resource, low strip ratio and conventional flotation
- 🔦 **Upside:** Resource extensional and higher grade optimisation potential
- 🔦 **Advanced: Scoping Study** completed by CSA Global in June 2016

Proven ore sorting technology

- 🔦 **Successful** Phase 2 testwork confirms potential for major project upgrade
- 🔦 **Higher Feed Grades, greatly reduced plant feed with only modest metal losses**
- 🔦 Resounding confirmation of **potential** from recent testwork



Enhanced project returns

- 🔦 Lower plant throughput combined with **higher mill feed grade**
- 🔦 **Decreased power/water** consumption and tailings requirements
- 🔦 **Reduced upfront capital requirements** and unit operating costs
- 🔦 Targeting updated Scoping Study in 4Q18 and DFS in late 2019

Corporate Snapshot



A highly experienced Board and management team with strong ownership alignment

Capital structure

ASX ticker	CVV
Share price (26 February 2018)	A\$0.061
Shares on issue	118 M
Unlisted options	37 M
Market capitalisation (undiluted)	A\$7.2 M
Cash (31 December 2017)	A\$1.9 M
Debt	Nil

Board and key management

Peter Alexander	Non-Executive Chairman
Marcel Hilmer	CEO, Executive Director
James Harris	Non-Executive Director
Dan Ryan	Non-Executive Director
Tony Poustie	Director of Exploration
Dale Hanna	CFO

CVV share price performance (1 year)



Major shareholders

Copulos Group	7.0%
AFR Australia Pty Ltd	6.4%
Capital Sanctuary Victoria Pty Ltd	5.8%
Tony Poustie Group	5.6%
Marcel Hilmer Group	5.6%
Hartree Pty Ltd	5.3%
Top 20 shareholders	65.1%
Board and management	17.0%

Calingiri: A world class copper resource...



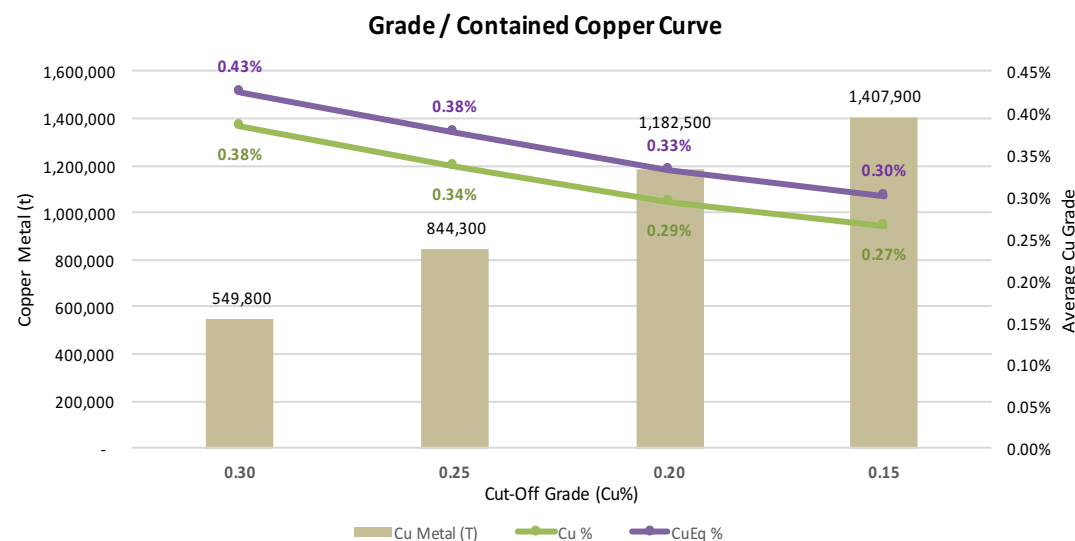
A substantial mineral inventory with strong expansion potential

Calingiri Global Resource¹

844kt copper and 17kt molybdenum

251Mt at 0.34% Cu (0.38% CuEq²)

- ☛ Sulphides at depths of 5-50m below surface
- ☛ Tabular zones of 50-200m+ true thickness
- ☛ Low 1:1 strip ratio³
- ☛ 92% Cu recovery with conventional flotation³
- ☛ Open along strike and at depth



1 Based on Bindi, Dasher and Opie Prospects. (0.25% cut-off)

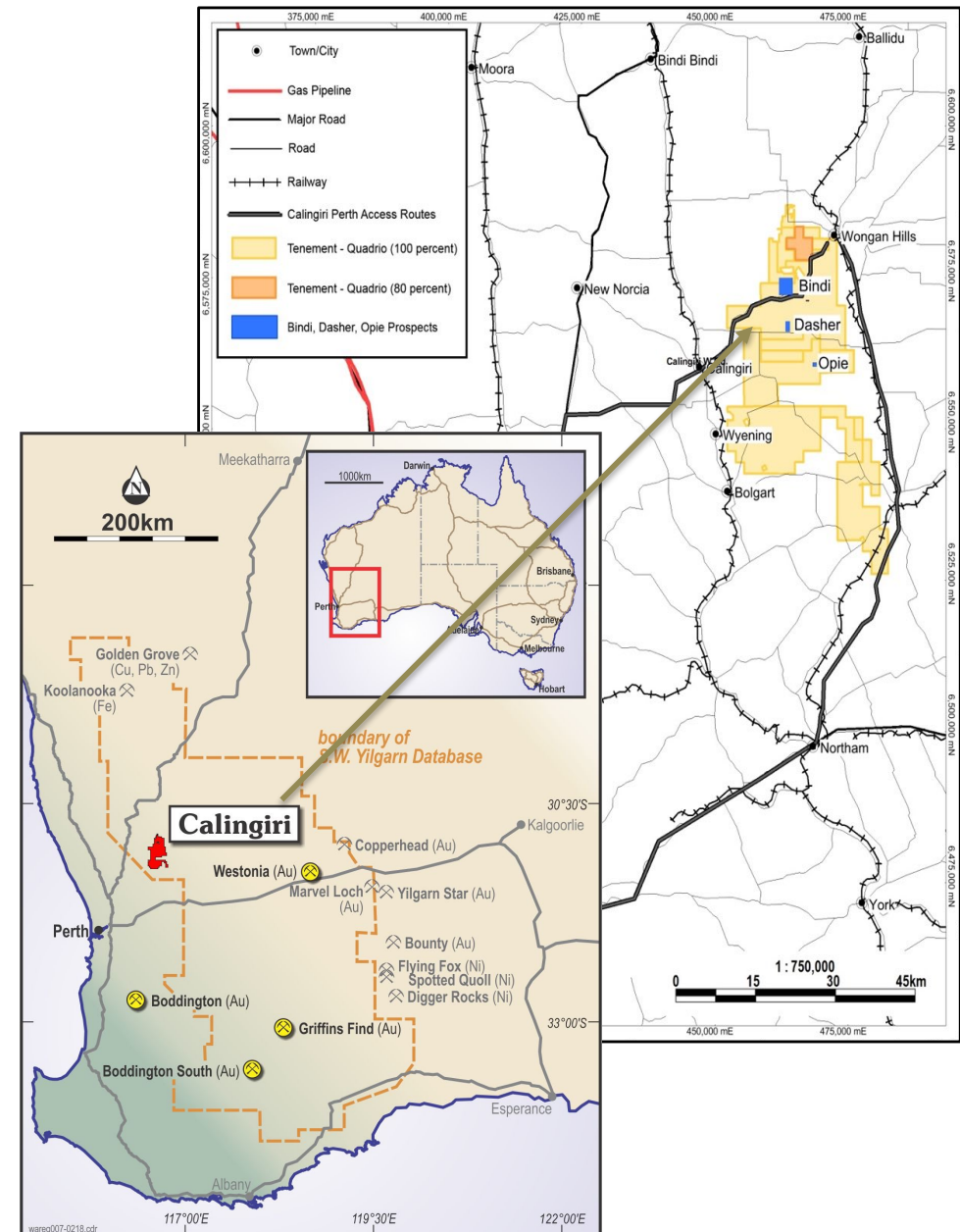
2 Refer to previous Mineral Resource Estimate disclosures by Caravel and Appendix slides.

3 Scoping Study by CSA Global in June 2016.

...in a globally attractive location

Only 120km from Perth

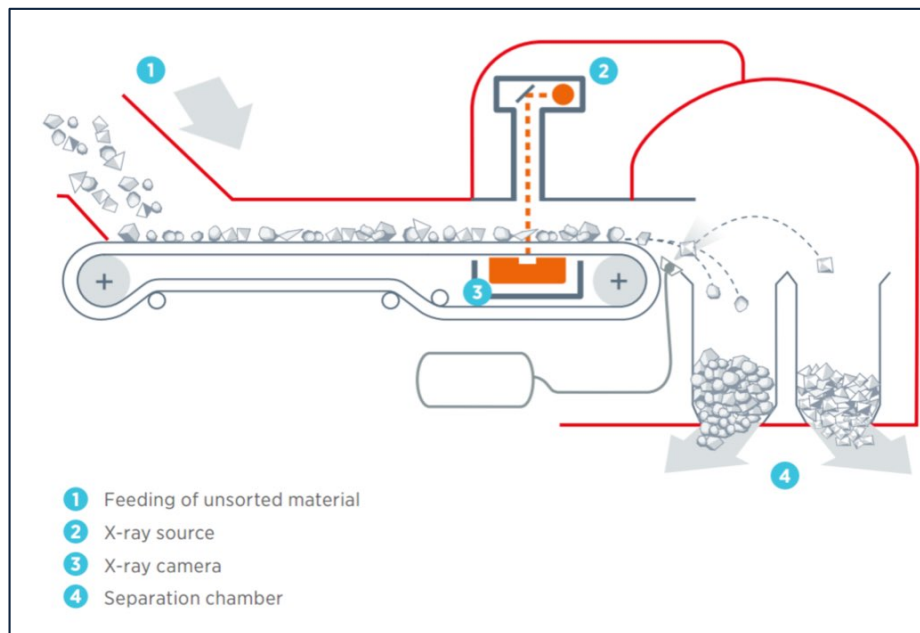
- First World, premier strategic jurisdiction
- No existing native title on Calingiri tenement base
- Minimal/low environmental risks
- Proximate sealed road and rail network
- Linking to suitable ports – Fremantle and Geraldton
- Extensive regional power infrastructure
- Highly skilled, resident local workforce



The Ore Sorting Opportunity

Upgrading of plant ore feed to further enhance project returns

Bulk ore sorting is a commercially proven pre-concentration technology in which barren gangue is separated from mineralisation based on grade as measured from a sensor measurement



Ore sorting potential

- Lower plant throughput
- Higher feed grade
- Similar metal output
- Lower power & water consumption
- Lower tailings output
- Lower plant capex
- Lower unit operating costs
- **Enhanced project economics**

A Proven Process

Ore sorting is a well established pre-concentration technology

- 👉 Commercially proven, high capacity process globally
- 👉 Currently testing **TOMRA** DE-XRT technology (with plans to test other key suppliers' equipment)
 - 250 ore sorting installations globally
 - 3,500 employees and A\$1.1B turnover (2016)
- 👉 Commercial ore sorting technology is currently in use by a wide range of resource extraction businesses globally from large diversified miners and mid-tier producers, through to single mine operators and niche product specialists

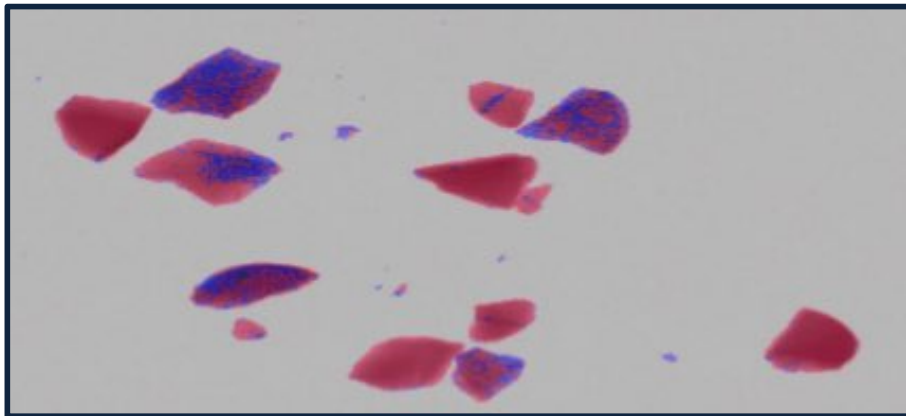


Why is Calingiri so well suited to ore sorting?

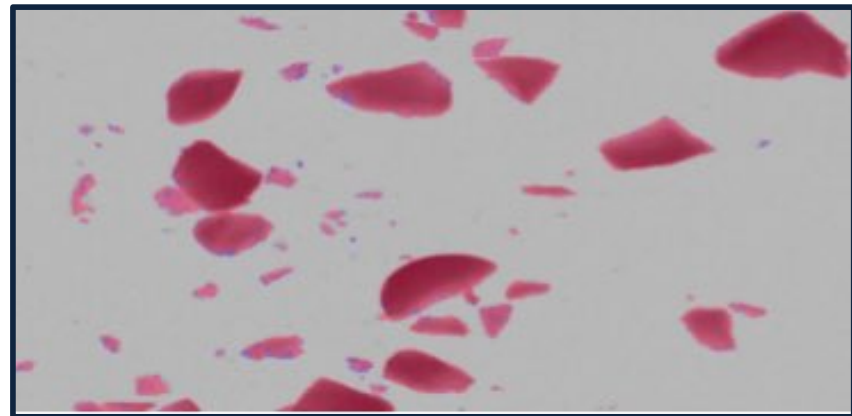
Readily amenable to density-driven ore beneficiation process

- ☛ DE-XRT sensor based on atomic weight/density of component minerals
 - High density (blue in images below) = typically *sulphides* (mineralisation)
 - Low density (red in images below) = typically *silicates* (gangue)
- ☛ **Specific stringer and vein mineralisation style at Calingiri readily lends itself to effective sensor reading**
- ☛ **Very low strip ratio** at Calingiri also delivers significant scope for ore sorting to drive much higher returns

Bindi high-grade ore sample



Bindi unmineralised ore sample

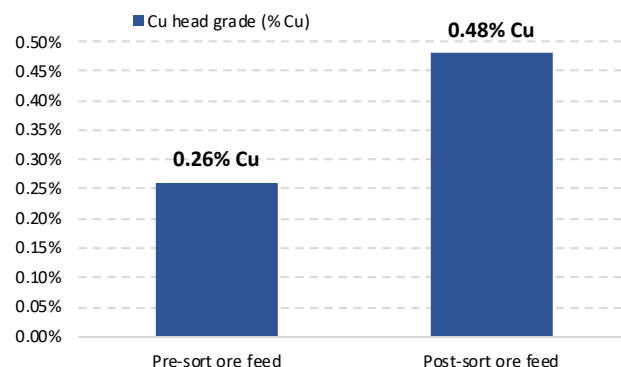


Outstanding Bulk Ore Sorting Results

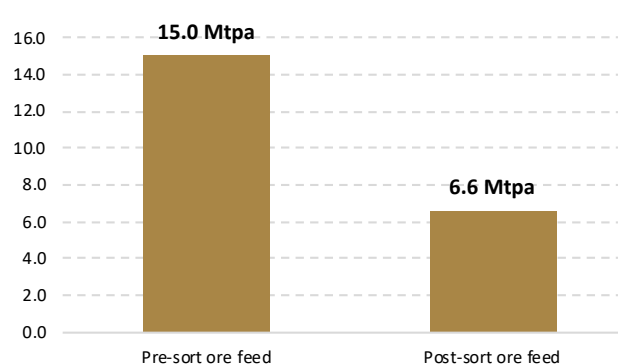


Very high upgrade levels achieved in Phase 2 testwork¹

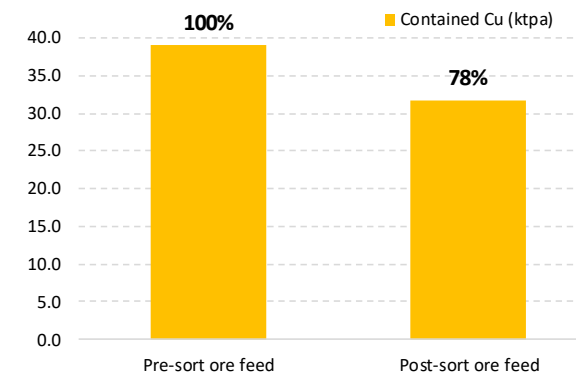
Copper grade increase of 86%...



Reduction in plant feed of 56%...



Deferral/loss of contained copper only 22%...



- **Outstanding results:** Average 86% increase in head grade with accompanying 56% reduction in ore feed
- **Low deferral/loss of contained Cu:** Achieved with deferral/loss of in-situ copper content limited to 22%
- **Scale and representativeness:** Phase 2 testwork based on large bulk samples totalling approx. 1 tonne
- **Even higher upgrades to Mo and Ag levels:** CuEq head grade increased from 0.30% CuEq to 0.55% CuEq
- **Competing processes:** Ongoing review and assessment of other compatible ore sorting technologies

¹ See Caravel ASX Release, 26 February 2018, "Outstanding Bulk Ore Sorting Results"

Strong Potential for Project Re-rating



Targeting aggressive re-positioning of Calingiri mine economics¹

1 Lower throughput = smaller plant = lower project capital

Process plant capital in the Scoping Study was A\$250M, representing 57% of total pre-production capital (A\$440M).

Also potential to maintain annual copper output if plant throughput only reduced to 8-9mtpa (versus 6.6mtpa).

2 Reduced unit operating costs

Processing a higher feed grade, even with additional ore sorting costs and higher material movements, offers clear potential to reduce final cash cost per pound of copper produced.

3 Process above LOM feed grade in early operating years

High-grade sort stream (37% of post-sort plant feed at 0.83% Cu) delivers real potential to accelerate mining and sorting activities during construction and deliver higher grade plant feed during the early operating years.

4 Re-optimize existing mine planning to replace deferred/lost contained copper

Opportunity to re-optimize Calingiri mine planning with a lower overall cut-off grade, potentially replacing some or all of the deferred/lost contained copper and possibly even extending previously defined mine life.

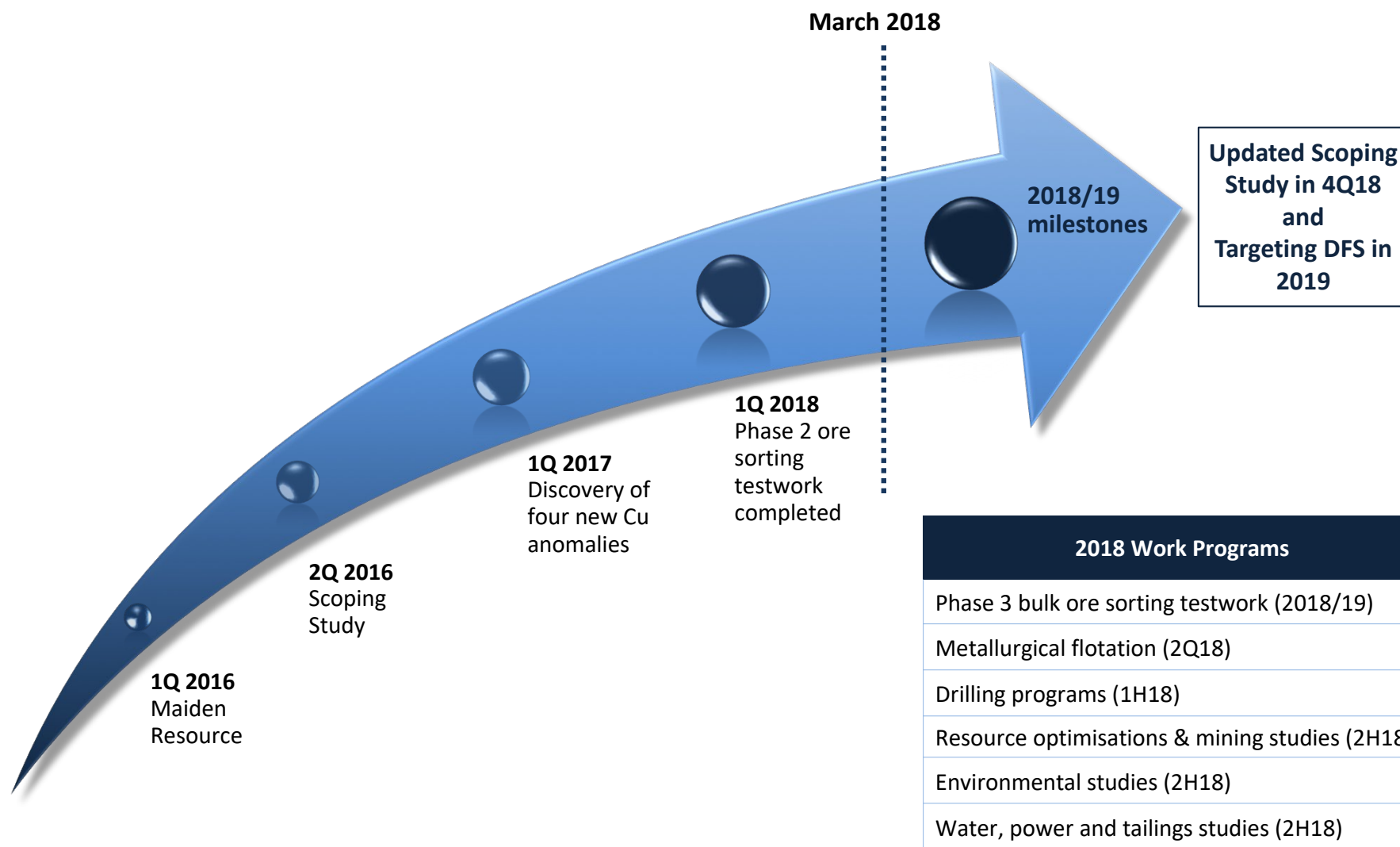
5 Improved project economics

Clear potential to reduce project capex and lower cash costs, thereby improving forecast project economics.

¹ See Caravel ASX Release, 26 February 2018, "Outstanding Bulk Ore Sorting Results"

Calingiri Roadmap and Newsflow Pipeline

Driving towards an updated Scoping Study in 2018 and DFS in 2019



A high quality leadership team¹



Deep exploration, project, mining, commercial and corporate expertise

Management Team



Marcel Hilmer
CEO and Executive Director



Dale Hanna
**CFO and
Company Secretary**



Tony Poustie
Director of Exploration

Board



Peter Alexander
Non-Executive Chairman



James Harris
Non-Executive Director



Dan Ryan
Non-Executive Director

¹ See Caravel Website: click on "About Us" for full bio's.

The Caravel Investment Proposition



An emerging Australian growth story propelled by the flagship Calingiri Copper Project

- ✓ Fully funded to complete updated Scoping Study in 2018
- ✓ Significant potential for resource expansion (exploration underway)
- ✓ Bulk ore sorting Phase 2 results to support robust economics
- ✓ Environmental, social, tenure and infrastructure low risk
- ✓ A premier strategic location
- ✓ Low technical risk
- ✓ No native title issues
- ✓ Local workforce
- ✓ Basic, low cost open pit mining with very low 1:1 strip ratio
- ✓ Conventional flotation processing to deliver +90% copper recoveries

Contact



Corporate and Operations

Marcel Hilmer (CEO)

mhilmer@caravelminerals.com.au

+61 8 9426 6400

L3, 18 Richardson Street

West Perth WA 6005

www.caravelminerals.com.au

Corporate Advisers

Fivemark Partners

Lee Bowers

lee.bowers.fivemark.com.au

+61 407 421 998

Mineral Resource Estimate Disclosures¹

Table 1: Consolidated Indicated and Inferred Resource Estimate (0.25% Cut-off)				
Classification	Tonnes (MT)	Cu %	Cu Eq % *	Cu Metal (T)
Indicated	187	0.34	0.38	626,300
Inferred	64	0.34	0.38	218,000
Total	251	0.34	0.38	844,300

Table 2: Calingiri Project Mineral Resources Categories at Various Cut-off Grades									
	Indicated			Inferred			Total Resource		
Cut-off Grade	Tonnes (MT)	Grade Cu %	Cu Metal (T)	Tonnes (MT)	Grade Cu %	Cu Metal (T)	Tonnes (MT)	Grade Cu %	Cu Metal (T)
0.30	106	0.38	405,000	38	0.39	144,751	143	0.38	549,800
0.25	187	0.34	626,300	64	0.34	218,022	251	0.34	844,300
0.20	297	0.30	874,900	105	0.30	307,600	402	0.30	1,182,500
0.15	390	0.27	1,039,800	139	0.28	368,129	530	0.27	1,407,900

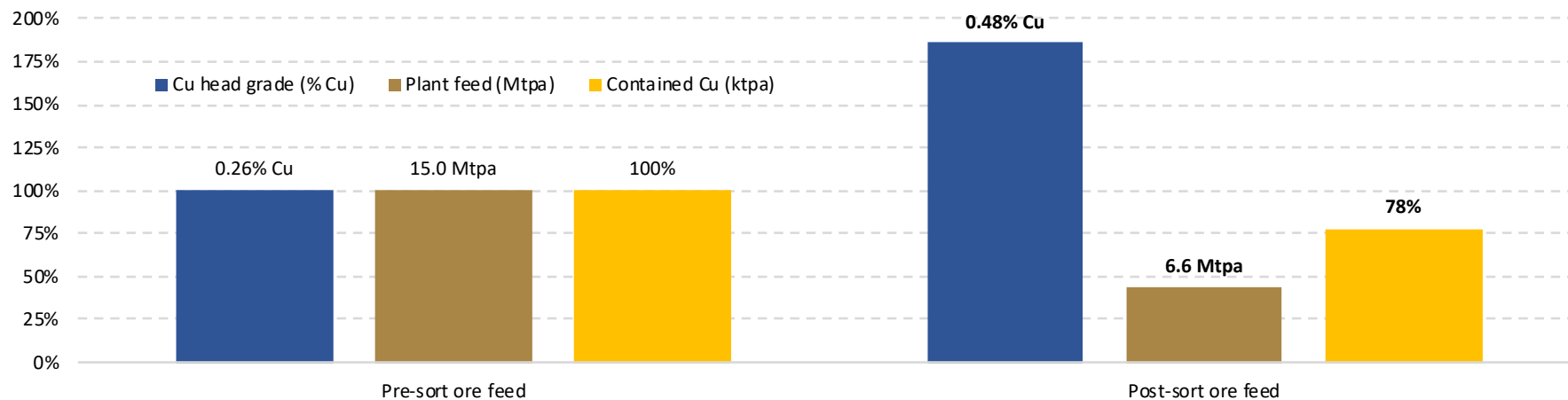
- ☛ Density is reported at 2.75 for all resource estimates
- ☛ Metal equivalent values were calculated using the formula: $\text{Cu ppm} + (\text{Mo ppm} \times 2.73) + (\text{Ag ppm} \times 77.9) + (\text{Au ppb} \times 4)$.
- ☛ Assumed commodity prices were Cu (\$2.87/lb), Mo (\$8.00/lb), Ag (\$17.37 / Oz) and Au (\$1,206/Oz). Prices in USD; sourced from consensus reports supplied by the Bank of Montreal in March 2016.
- ☛ Assumed recoveries are 92% (Cu), Mo (90%), Ag (80%) and Au (60%). Supported by initial metallurgical results suggesting copper along with the associated potential metal by-products; molybdenum, silver and gold can be readily recovered via conventional flotation processes.
- ☛ In estimating Au grades a nominal value of 1 ppb Au has been applied where samples had not been analysed for Au.
- ☛ It is the company's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.
- ☛ There may be some minor rounding errors in the tables

¹ See Caravel ASX Release, 4 April 2016, "Calingiri Maiden JORC Resource"

Bulk Ore Sorting Outcomes¹

	Consolidated Product, Middlings and Fines					
	Beneficiated Grade	Increase in Grade	% of Total Feed	Cu Eq.	Reduction in Ore Feed	Contained Cu Dilution
Copper - High Grade:	0.83%	217%	37%			
Copper - Fines:	0.36%	36%	30%			
Copper - Middlings:	0.24%	-6%	33%			
Copper - LoM Feed	0.48%	86%	100%	0.55%	56%	22%
Molybdenum (ppm)	122	84%				
Silver (g/t)	2.4	104%				

Consolidated bulk ore sorting testwork results (Phase 2)



¹ See Caravel ASX Release, 26 February 2018, "Outstanding Bulk Ore Sorting Results"

Calingiri Scoping Study outcomes (June 2016)¹



The Scoping Study requires updating to reflect the improvements from bulk ore sorting testwork

Operating parameters	Units	Scoping Study (June 2016)
Pre-production mine development	years	1.5
Production mine life	years	20.7
Total mined and milled ore	Mt	310
Strip ratio	t : t	1.0
Annual plant throughput	Mtpa	15.0
Copper head grade (LOM avg)	% Cu	0.26
Molybdenum head grade (LOM avg)	% Mo	0.005
Copper recovery (LOM avg)	%	92
Molybdenum recovery (LOM avg)	%	91
Total copper-in-concentrate	kt	748
Total molybdenum-in-concentrate	kt	15.2
Annual copper production (LOM avg)	kt	36
Annual moly production (LOM avg)	kt	0.7

Financial parameters	Units	Scoping Study (June 2016)
Forecast copper price (LOM avg)	US\$/lb	2.75
Forecast molybdenum price (LOM avg)	US\$/lb	8.00
Forecast A\$/US\$ (LOM avg)	USc	0.72
Total net revenue	A\$M	7,100
Operating cashflow	A\$M	2,000
Operating cash cost (excl royalties)	US\$/lb Cu	1.50
Pre-production capital cost	A\$M	440
LOM sustaining capital cost	A\$M	110
Net cashflow after tax	A\$M	1,500
Pre-tax NPV (7% discount rate)	A\$M	800
Post-tax NPV (7% discount rate)	A\$M	520
Pre-tax IRR	%	31
Post-tax IRR	%	23
Payback period (after tax)	years	3.0
Post-tax NPV / pre-production capex	x	1.2

¹ Scoping Study prepared by CSA Global in June 2016; see Caravel ASX Release, 28 June 2016, "Calingiri Scoping Study Confirms Outstanding WA Copper Project"

Global open-pit copper development projects¹

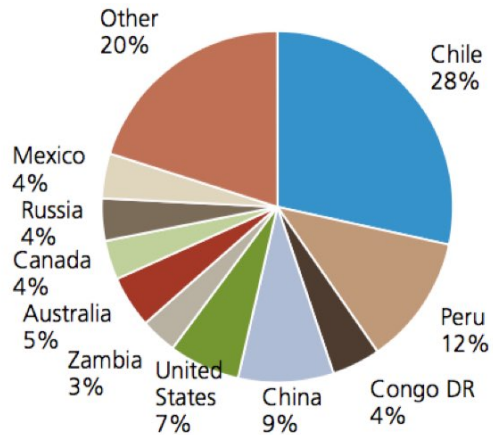


Company	Caravel ASX: CVV	Hot Chili ASX: HCH	Altona ASX: AOH	Redhawk TSX: RDK	Copper Fox TSX: CUU
Market capitalisation (A\$m)	7	18	75	C\$5	C\$55
Flagship project	Calingiri	Productora	Little Eva	Copper Creek	Schaft Ck (25%)
Location	Australia	Chile	Australia	US	Canada
Study phase completed	Scoping	PFS	FS	Scoping	FS
Initial life-of-mine (LOM)	21	10	14	17	21
Throughput (Mtpa)	15.0	14.4	7.0	9.0	45.0
Strip ratio (waste t : ore t)	1.0	2.7	1.8	NA	2.0
Cu grade (% Cu)	0.26%	0.43%	0.52%	0.77%	0.27%
CuEq grade (% CuEq)	0.30%	0.55%	0.56%	0.81%	0.43%
Cu recovery (%)	92%	86%	95%	>90%	87%
Total copper produced (kt)	748	527	433	965	2,211
Initial capital cost (A\$m)	440	US\$725	288	US\$857	C\$3,257
C1 operating cost (US\$/lb)	1.50	1.47	1.65	1.74	1.15
Study copper price (US\$/lb)	2.75	3.00	2.95	3.00	3.25
Discount rate used (%)	7%	7%	7.5%	7.5%	8%
Pre-tax NPV (A\$m)	800	US\$360	NA	US\$231	C\$513
Post-tax NPV (A\$m)	520	US\$220	293	NA	C\$67
Pre-tax IRR (%)	31%	18%	NA	12%	10%
Post-tax IRR (%)	23%	15%	28%	NA	8%

¹ Sourced from publicly available company data, February 2018.

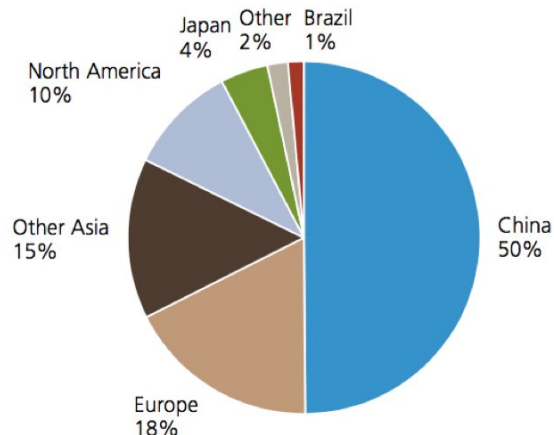
The Smart Money is on Copper

Over 40% of global supply concentrated in Chile & Peru



Source: UBS, AME, WBMS

Over 50% of global demand from high growth China



Source: UBS, AME, WBMS

Key drivers

Demand Up

Used in nearly every major industry of the world

China Growth

Driving the recovery with India

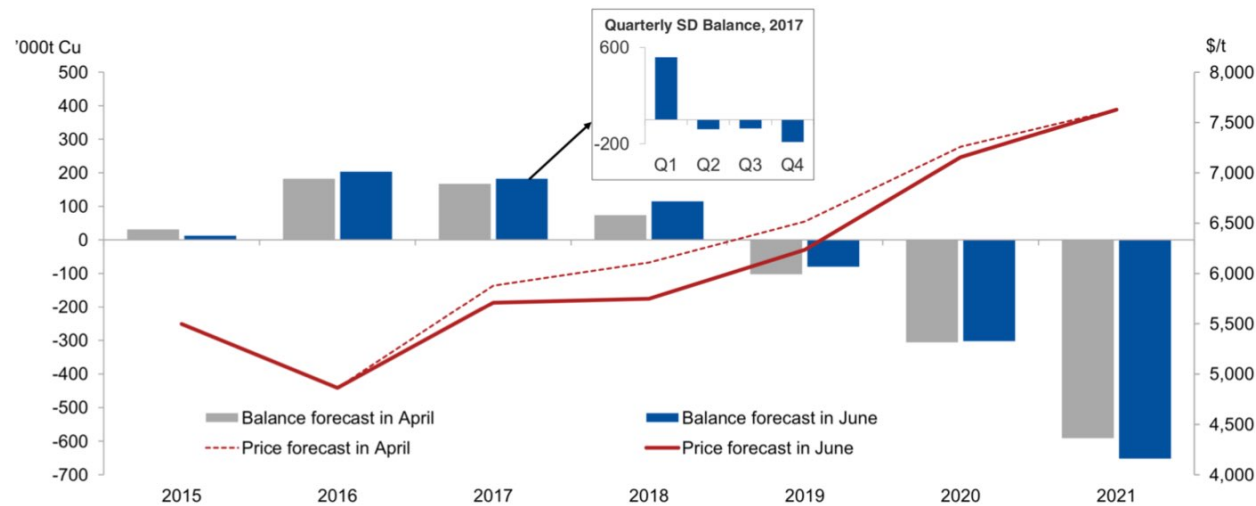
Supply Risks

Disruptions, no major discoveries

Price Outlook

L/T Forecast remains over US\$3.00/lb

Medium term market deficits remain intact



Data: CRU

www.cruigroup.com