ASX ANNOUNCEMENT



AVALON MINERALS – INVESTOR UPDATE

Highlights

- Updated work on the Viscaria Copper Project Scoping Study delivers greater confidence in the 2.0 Mtpa Target Case;
- Mining Inventory increased with expanded pit design, and incorporation of Exploration Potential from D Zone;
- ESIA and permitting progressing;

Avalon Minerals Ltd (ASX: AVI) ('Avalon' or 'Company') has progressed work on a 2.0Mtpa Target Case for the contemplated development of the Viscaria Copper Project in Sweden (see ASX announcement 18/12/2015).

This is presented in the attached updated Corporate Presentation. The results of this work demonstrate that a 2.0Mtpa project delivering greater than 20,000t copper in concentrate per annum is a viable development scenario.

Increased mining inventory has come from an expanded open pit and an increased degree of confidence in exploration potential from holes drilled at the end of 2015, but not included in the 2015 mineral resource estimate.

Detailed reappraisal of all drilling data has also identified significant opportunities for improved project metrics, such as additional copper mineralised zones in the footwall and hangingwall of A and B zone orebodies, and improved understanding of the structural model and geometry for the A, B and D Zone orebodies.

Operating and Capital costs have been carefully benchmarked providing a high level of confidence in input parameters.

The Environment and Social Impact Assessment (ESIA) activities are continuing and provide critical input into the environmental permitting required to allow for development.

For further information please visit www.avalonminerals.com.au or contact:

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COPPER IN SWEDEN BUILDING A EUROPEAN COPPER PRODUCER

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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 activities and events or developments that Avalon expects, are forward looking statements.

Although Avalon 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. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, continued availability of capital and financing, and general economic, market or business conditions.

Investors are cautioned that any such statements are not guarantees of future performance and that actual results or developments may differ materially from those projected in forward-looking statements.



AVALON MINERALS – SIMPLE STORY

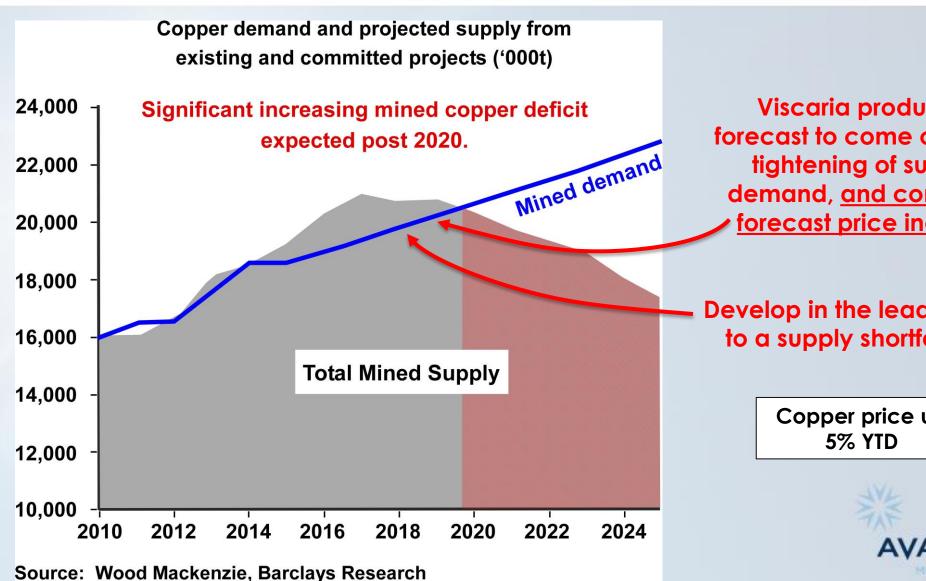
- 1. Copper development company
- Updates to Viscaria Scoping Study deliver robust
 21,000tpa producer for minimum 9 years
- 3. Single high quality asset focus Viscaria
- 4. Supported by outstanding infrastructure Kiruna
- 5. Low sovereign risk Sweden
- 6. Highly competent team in place to deliver project

If you believe in copper then Avalon represents a compelling investment opportunity

As energy becomes greener approx. 3 - 5 times more copper per megawatt will be required (source - Atalaya Mining Nov 2015)



COPPER – SUPPLY, DEMAND, FORECASTS



Viscaria production forecast to come on line at tightening of supplydemand, and consensus forecast price increase

Develop in the lead-up to a supply shortfall

Copper price up



CORPORATE

TICKER	ASX:AVI Frankfurt:AL9
SHARE PRICE*	A\$0.015
SHARES ON ISSUE	378,353,560
MARKET CAP	A\$5.3M
CASH#	A\$1.2M
52 WEEK TRADING	A\$0.014 - \$0.035

As at 29.03.16 - 30 day VWAP * As at 29.03.16 - unaudited #

Top 10 shareholders hold 70% of shares on issue

Board and management hold 3.5% and have participated in recent placements

European and UK shareholders total 50%

SUBSTANTIAL SHAREHOLDERS

NAME	%
Valbonne II	17.1%
Marilei International	9.9%
Tan Sri Abu Sahid Bin Mohamed	8.9%
Potezna Gromadka	8.5%
Wyntorc SA	5.5%



VISCARIA COPPER PROJECT



PROJECT SITE



KIRUNA TOWN



PUBLIC ACCESS ELECTRIC RAIL

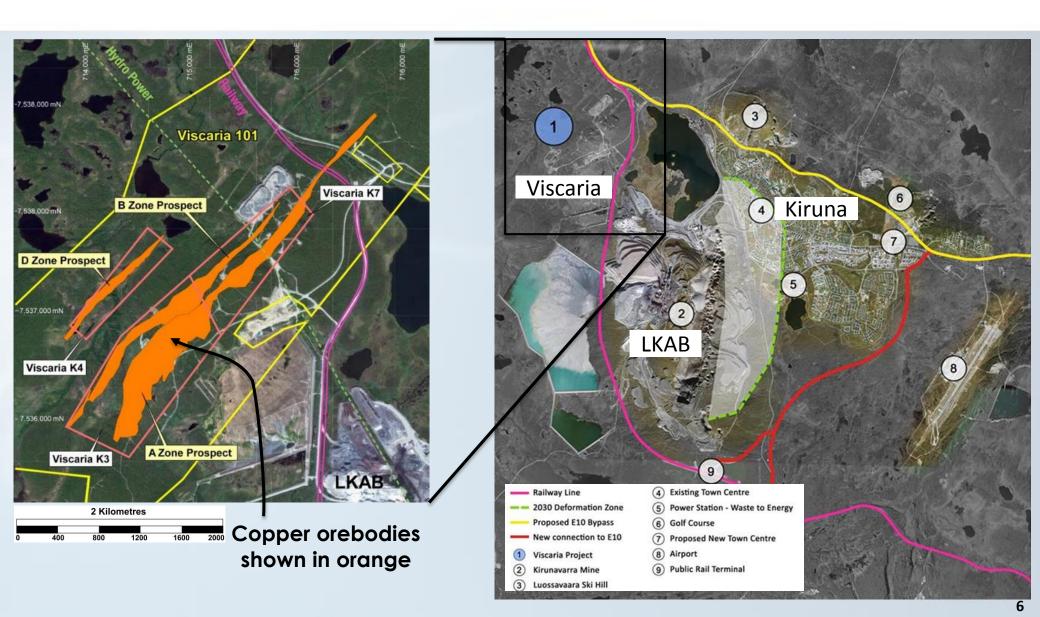




LOW COST HYDRO POWER



KIRUNA AND VISCARIA LOCATION MAP



VISCARIA COPPER: EXPANDED SCALE

- Delivering increased project scale to an average annual production rate of between 20,000 30,000 tonnes copper in concentrate
- Increased mining inventory through low technical risk drilling of an exploration target (see slide 11) will be undertaken on D Zone orebody extensions
- Extending the currently defined shoots at D Zone has already delivered success in drill holes VDD 195 and 196 (slide 11, and refer ASX Announcements dated 8 and 18 December 2015).
- Drill holes VDD 195 and 196 have delivered in the range 0.5 1 million tonnes at 1.3 1.8% Cu. Drilling of approximately 6,600m is expected to deliver in the range of 2.5-3 million tonnes at similar grades. This drilling is planned for H2, 2016.
- Expansion and combination of the A and B Zone open pits based on pit optimisation modelling has added to the mining inventory (see slides 10, 14 & 15).
- Approximately 4% of the total production target mining inventory is categorized as Inferred Mineral Resource (D Zone Underground see slides 10 and 24). There is a low level of geological confidence associated with inferred mineral resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised.
- The potential quantity and grade of an exploration target is conceptual in nature, there has been
 insufficient exploration to determine a mineral resource and there is no certainty that further exploration
 work will result in the determination of mineral resources or that the production target itself will be realised.



VISCARIA COPPER: UPDATES TO 2015 SCOPING STUDY

- At the expanded scale of 2.0Mtpa the project is less sensitive to copper price and at \$2.75/lb Cu delivers a robust return of 20% IRR
- At Target Case 2.0Mtpa the project delivers average annual net operating profit of US\$66 million. For comparison, the base case delivered US\$33 million.
- Viscaria is a tangible asset that will deliver Cu at an all in sustaining cost of <US\$2.00/lb (current Cu price US\$2.25/lb)
- Capital costs have been benchmarked, and are low because existing infrastructure is already in place (see slide 23)
- High grade A Zone underground represents significant further upside beyond the targets stated above
- The Viscaria orebodies are open to the north, south and at depth, and there
 are strong indications of additional ore horizons

VISCARIA COPPER: UPDATES TO 2015 SCOPING STUDY

The 2015 Scoping Study confirmed the project description to begin ESIA process (Refer ASX Announcement 14 December 2015)

	2015 Scoping Study	Target Case A and Expanded Case			
Process plant size	1.2Mtpa scenario	2.0Mtpa scenario	3.0Mtpa scenario		
Strip ratio (LOM)	5.8	6.0	8.4		
Process	Crush, grind and copper flotation plant				
Recovery rates	90.2%	90.2%	90.2%		
Copper Production					
LOM	107kt	200kt	260kt		
Average per annum	12kt	21kt	30kt		
Mine life	Minimum eight years, open	Minimum nine years, open	Minimum nine years		
Development capital					
Site Infrastructure	US\$87m (A\$119m)	U\$\$115m	US\$145m		
Underground	US\$15m (A\$20m)	U\$\$15m	US\$15m		
Sustaining capital (LOM)					
Site Infrastructure	US\$10.6m (A\$14m)	US\$14m	US\$18m		
Underground	US\$20.0m (A\$27m)	U\$\$35m	US\$35m		
Cash operating cost					
LOM C1	US\$1.86/lb (A\$2.54/lb)	Targeting <u< td=""><td>\$\$2.00/lb</td></u<>	\$\$2.00/lb		
LOM AISC	US\$2.10/lb (A\$2.87/lb)				
Copper price	US\$3.25/lb (A\$4.45/lb)	US\$3.00	US\$3.00		
Exchange rate					
AUD: USD	0.73	0.73	0.73		
NPV pre-tax (7%)	US\$74m (A\$102m)	Targeting >US\$150 mill			
IRR pre-tax (%)	22%	Targeting >28%			
Payback period	3.7 years	<4 years	<4 years		
Capital intensity	US\$7,335/t cu p.a.	~US\$5,750	~US\$5,100		

VISCARIA COPPER: MINERAL RESOURCE ESTIMATES AND MINING INVENTORY

Mineral Resource	Tonnes (Mt)		Grade (% Cu)	
A Zone#	21.6		1.5	
B Zone#	19.7		0.8	
D Zone Open Pit*	3.1		0.8	
D Zone Underground*	8.0		1.4	
Total	52.4		1.2	
(93% Measured and Indicated)				
Mining Inventory	Tonnes	Tonnes	Grade (%	Grade (%
	(Mt) 2015	(Mt) 2016	Cu) 2015	Cu) 2016
A Zone Open Pit [@]	2.6		1.3	
B Zone Open Pit [@]	2.0		0.7	
Combined A & B Zone Open Pit^		8.0		0.9
D Zone Open Pit®	1.6	1.6	0.9	0.9
D Zone Underground ^{@^}	3.8	5.0	1.5	1.5
Exploration target [^]		3.0-4.0		1.3-1.8
Total	10.0	18.0	1.2	1.2

^{* 2015} JORC Mineral Resource estimate

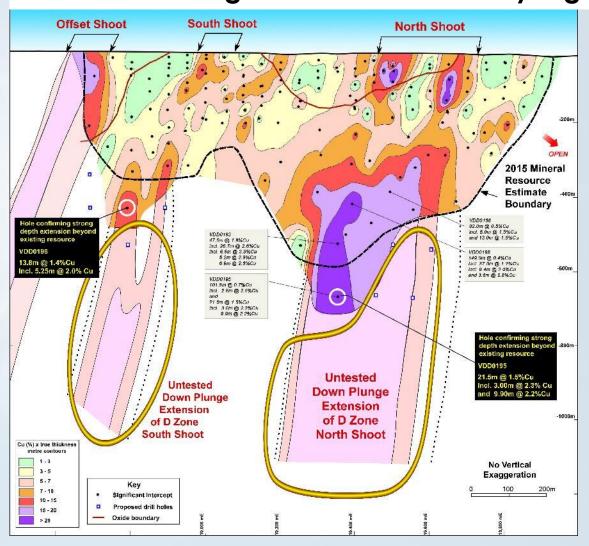
^{# 2014} JORC Mineral Resource estimate, based on initial work completed in Nov 2011; 0.4% COG all considered to be open-pittable

^{@ 2015} Scoping Study Mining Inventory

^{^ 2016} updated target Mining Inventory

D ZONE: EXTREMELY CONFIDENT IT WILL BE LARGER

Clear message from 2015 – orebody is getting better as we go deeper



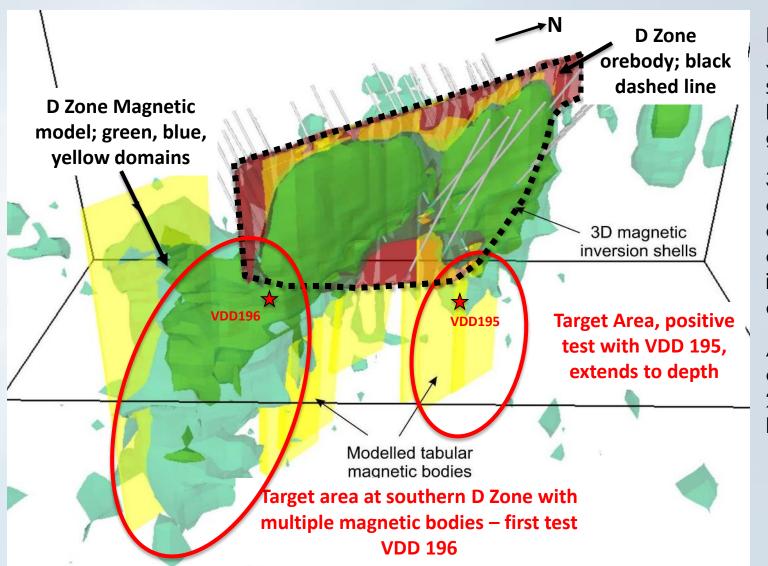
The northern target zone has the potential to deliver 3-5Mt of mineralised rock, at grades comparable to those seen in VDD 195 (21.5m @ 1.5% Cu)

Similarly the southern target zone has the potential to deliver 1-3Mt of mineralised rock, at grades comparable to VDD 196 (13.8m @ 1.4% Cu)

... and geophysical modelling of the host magnetite indicates that even more extensive target zones exist



D ZONE: EXTREMELY CONFIDENT IT WILL BE LARGER



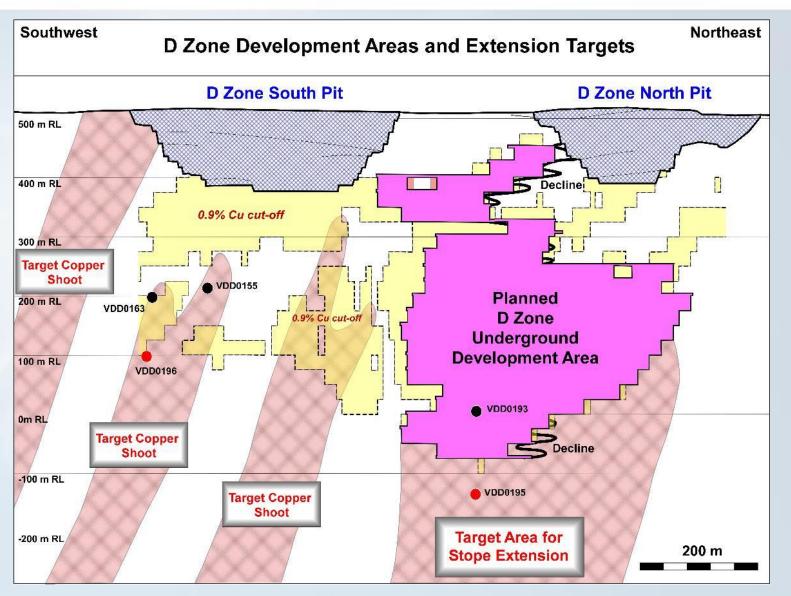
D Zone copper host is 50-70% magnetite – simple process to model host to deliver orebody geometry

3-D and plate modelling of magnetic data demonstrates very clearly that the orebody is larger than currently drilled

And we have demonstrated in our 2015 results that we know where to drill



D ZONE: 2015 MINE PLANNING



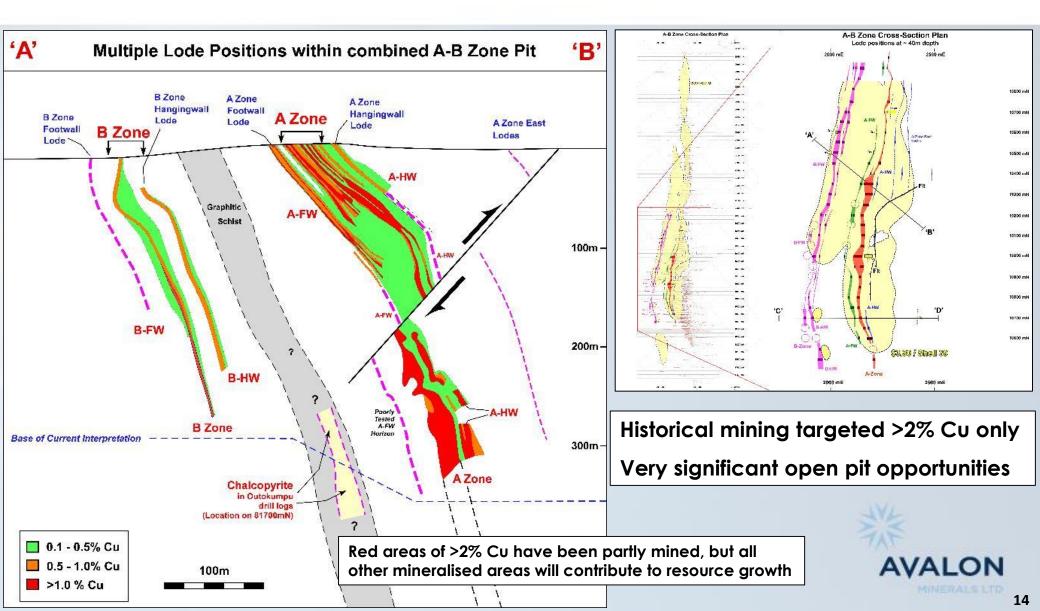
Mine planning will be modified to capture deeper and new shoots, for example those expected in the vicinity of VDD 196

And that will deliver >0.9% Cu cut-off material shown in yellow

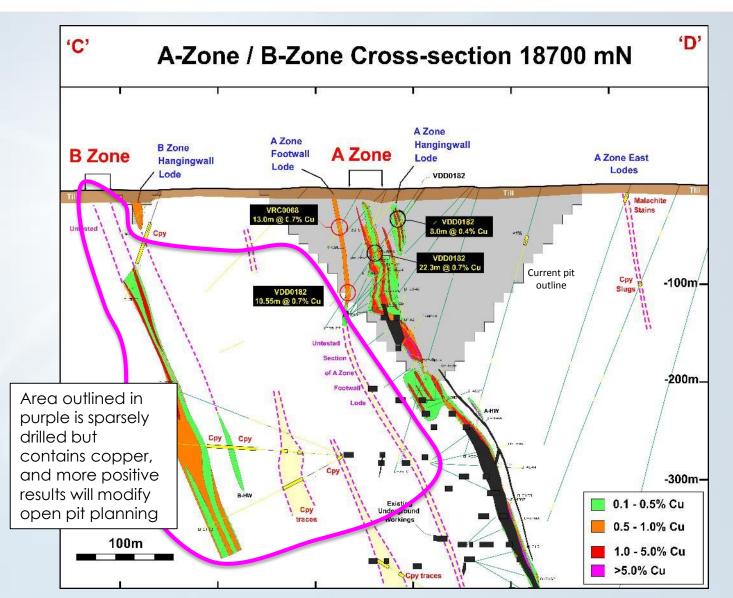
This will contribute to increased mining inventory



A & B ZONE COMBINED OPEN PIT: MORE TONNES AND IMPROVED STRIP RATIO



A & B ZONE: SIGNIFICANT UPSIDE IN EXPANDED OPEN PITS



There is more copper within the expanded open pit than the historical resource estimate suggests

This is confirmed by Avalon drilling from 2014 (VDD 182) and detailed reviews of historical drill holes

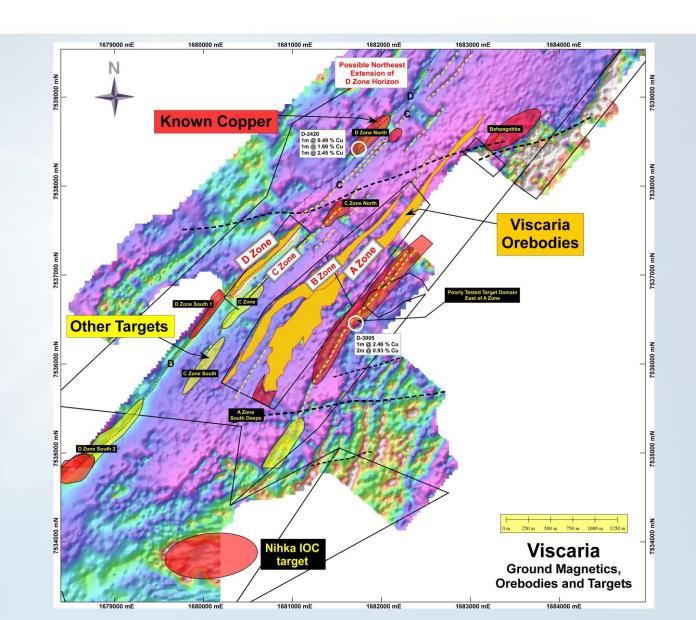
Exploration Target for A&B Zone open pit is 10-15 million tonnes at 0.7 – 1.3% Cu.

Multiple mineralised horizons defined

Potentially significant upside between A and B Zones



MUCH MORE COPPER IN THE DISTRICT



Mine scale orebody extensions, low technical risk

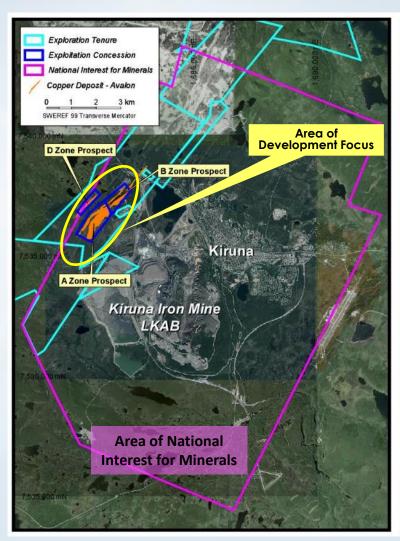
Exploration success within 5km

A rich portfolio of near mine targets to add to the scale of the project



STAKEHOLDER ENGAGEMENT AND PERMITTING

AVALON IS COMMITTED TO STRONG COMMUNITY ENGAGEMENT AS THE VISCARIA DEVELOPMENT PROGRESSES





The proposed development area is in a window surrounded by multiple land use areas

The key issues are

- a strong mining heritage
- water management
- reindeer herding
- Natura 2000
- recreation

The ESIA process has commenced



A HIGH QUALITY LEADERSHIP TEAM











Chairman Graham Ascough	Resources executive. Broad global experience with large companies and building juniors
CEO and Managing Director Malcolm Norris	Geologist and Business Development. Track record of discovery and growth
General Manager Studies and Technical Services Ray Robinson	Mining Engineer. Has delivered many feasibility studies
CFO & Company Secretary Gavin Leicht	Finance professional with significant experience in copper
General Manager - Geology Dr. Bruce Rohrlach	Geologist who has played a key role in several significant discoveries and feasibility studies



PLANNING TO DELIVER

STUDIES AND EXPLORATION

Exploration (discretionary)
Scoping Study
Updated Scoping Study
Accelerate Feasibility Study

PERMITTING

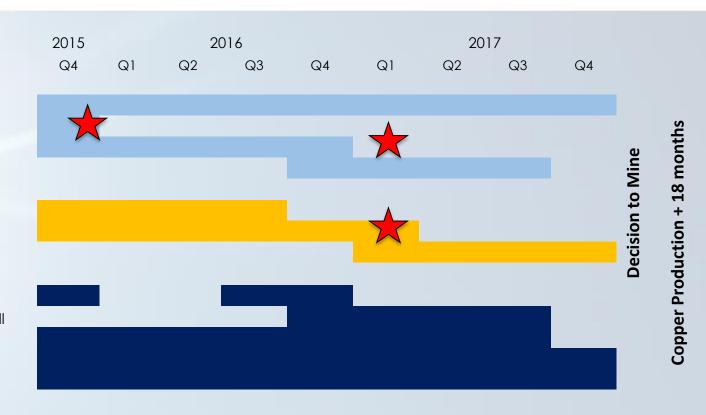
ESIA Baselines

ESIA Assessments and Application

ESIA review to approval

FUNDING

Drilling to expand Resource - A\$3 mill Drilling and Feasibility Studies - A\$7 mill ESIA - A\$2.5 mill (pre & post submittal) Exploration discretionary - A\$1.5 mill Corporate - A\$1 mill/year



TARGET TIME FRAMES

- ✓ Scoping Study Copper Project December 2015
- Updated Scoping Study Q4, 2016
- Decision to Build and construction start in late 2017
- Copper production 2019 correspond with increase in copper price



AVALON MINERALS – CONSIDER AN INVESTMENT DECISION BASED ON RISK AND A 3-5 YEAR TIME FRAME

General Risk - Low

- Sweden, low sovereign risk
- Kiruna, a mining district
- Viscaria Project
 - 3 approved exploitation (mining)concessions
 - ESIA in progress leading to environmental permitting
- High quality team
- Supportive major shareholders limiting investment risk

Technical Risk - Low

- 2015 drilling program very successful
- Strong upside case for delivery of additional resources and mining inventory
 - D Zone growth potential very obvious
 - A & B Zone combined open pit
 - A Zone underground not yet pursued but known resources
 - Development area exploration success
- 64% of current resources in M&I category

Development Risk - Low

- 2015 Scoping Study (SS) demonstrated viable project
- 2015 SS clearly shows that a 2Mtpa operation is required and that the Mining Inventory must be increased
- Road, Rail, Town, Airport, Sea Ports all existing

Production Risk - Low

- Forecast higher copper prices at expected time of production
- Best infrastructure support of any copper development opportunity globally
- Low cost hydro power
- High quality concentrate
- Local equipment manufacturers and contractor/consultant groups

APPENDICES



VISCARIA COPPER – 2015, DELIVERED TO GOALS

Ownership 100% ownership retained Completed 8,000m of diamond drilling at D Zone in 2015 Strongly outperformed historical results and delivered confidence **Drilling** Outstanding results such as VDD 193, 26.7m at 2.6% Cu including 6.6m at 3.5% Cu Recent drilling results 'as good as A Zone' – the former mine Copper only Scoping Study completed in December 2015 Underpinned by new D Zone Mineral Resource Estimate delivered in November Scoping Small open pits on A, B and D Zones + Underground at D Zone Study and Outstanding infrastructure **ESIA** Low technical risk geology and mineralogy Upside and scale increase needs to be delivered in 2016 Updated Scoping Study

ESIA underway – critical path to permitting

VISCARIA – DON'T UNDERESTIMATE THE VALUE OF LOCATION AND EXISTING INFRASTRUCTURE

Mining infrastructure is in place adjacent to the world's largest underground magnetite mine and iron pellet manufacturing facility

- ✓ Airport
- ✓ Mining town with mining contractors
- ✓ Low cost hydro power
- √ Highway access
- ✓ Electric rail access
- ✓ Multiple port options

All of these facilities deliver

- ✓ Lower Capital Costs
- ✓ Lower Operating Costs
- ✓ Reduced implementation risk



VISCARIA COPPER – MINERAL RESOURCES

Viscaria Copper Project Mineral Resource Estimates Summary – Nov 2015

Resource Area	Location	Classification	Tonnes (Mt)	Cu Grade (%)	Contained Cu (kt)
	Open Pit	Measured	14.44	1.7	240.0
A Zone		Indicated	4.69	1.2	57.2
A Zone		Inferred	2.48	1.0	25.5
		Subtotal	21.61	1.5	322.7
	Open Pit	Measured	0.12	1.3	1.6
B Zone		Indicated	4.12	0.7	29.7
		Inferred	15.41	0.8	118.7
		Subtotal	19.65	0.8	149.0
	Open Pit	Indicated	3.11	0.81	25.2
		Inferred	0.01	0.32	0.02
2.7		Subtotal	3.11	0.81	25.2
D Zone	Underground	Indicated	7.26	1.37	99.8
		Inferred	0.78	1.57	12.2
		Subtotal	8.03	1.39	111.9
Overall Cu		Total	52.4	1.2	608.9



COMPETENT PERSONS STATEMENT

Competent Persons Statement

The information in this report that relates to exploration targets and results is based upon information reviewed by Mr Malcolm Norris who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Norris is a full-time employee of Avalon Minerals Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Norris consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the A Zone and B Zone Mineral Resources are based on the information compiled by Dr Bielin Shi who is a Member of the Institute of Mining and Metallurgy and is a full time employee of CSA Global Pty Ltd (CSA). CSA are an independent mining consultancy who have been engaged by Avalon Minerals Limited to perform geological consulting on a fee for service basis. Dr Bielin Shi has sufficient experience that is relevant to the style of mineralisation being considered and to the activity being undertaken to qualify as a competent person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Shi consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the D Zone Mineral Resource estimate is based on the information compiled by Chris Grove who is a Member of the Australasian Institute of Mining and Metallurgy and is a full time employee of Measured Group Pty Ltd. Measured Group is an independent mining consultancy who have been engaged by Avalon Minerals Limited to perform geological consulting on a fee for service basis. Mr Grove has sufficient experience that is relevant to the style of mineralisation being considered and to the activity being undertaken to qualify as a competent person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Grove consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

