

COPPER AND GOLD

ASX: AVI

Mining 2017 Resources Convention, August 2017

BRAMADEROS GOLD-COPPER

SOUTHERN FINLAND GOLD

VISCARIA COPPER

DISCLAIMER

DISCLAIMER

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CORPORATE

Tightly held with market capitalization of just \$15m



TICKER	ASX:AVI Frankfurt:AL9
SHARE PRICE*	A\$0.017
SHARES ON ISSUE	885.9 million
MARKET CAP	A\$15M
CASH#	~A\$3.0M
52 WEEK TRADING	A\$0.012 - \$0.057

As at 31.07.17 - 30 day VWAP *
As at 31.07.17 - unaudited #



Top 10 shareholders hold ~50% of shares on issue

Board and management hold 3.6% and have participated in most placements

European and UK shareholders total 30%

SUBSTANTIAL SHAREHOLDERS

NAME	%
D. Carter	10.2%
Valbonne II	8.2%
Marilei International	5.6%
Acorn Capital	5.0%

HIGHLY EXPERIENCED TEAM

With an impressive discovery record



Chairman
Graham Ascough

Resources executive. Broad global experience with large companies and building juniors. Previously with Falconbridge-Noranda.



CEO and Managing Director
Malcolm Norris

Geologist and Business Development. Track record of discovery and growth. Previously with WMC Resources. Led team that discovered Tujuh Bukit porphyry Cu-Au in Indonesia with Intrepid Mines. Former CEO of SolGold and secured Cascabel Cu-Au project in Ecuador.



CFO & Company Secretary
Gavin Leicht

Finance professional with significant experience in developing and financing copper and gold projects through to production including marketing of copper concentrates. Previous senior management roles with General Motors, Rio Tinto and PanAust involving the management of Treasury as well as Joint Venture and government relationships.

General Manager
Studies and Technical Services

Ray Robinson

Mining engineer with over 20 years operational, studies and construction experience in Australia, PNG, Laos, Argentina and Indonesia. Background with large, mid-tier and junior companies including PanAust, Intrepid Mines and Placer Dome. Delivered PEA, PFS and DFS level studies from 0.5Mtpa underground epithermal gold developments, 10Mtpa gold oxide heap leach projects to 40Mtpa copper-gold concentrator plants.



General Manager - Geology

Dr Bruce Rohrlach

Geologist who has played a key role in several significant discoveries and feasibility studies. Previously with WMC Resources and PhD on the Tampakan Cu-Au deposit, he was Chief Geologist that led the technical team that discovered Tujuh Bukit porphyry Cu-Au with Intrepid Mines. Former GM Exploration of SolGold (2012-2015) he led initial discovery of the Alpala porphyry Cu-Au system at Cascabel in Ecuador. Extensive international experience with both major and junior mining and exploration companies.



THE “NEW” AVALON

A new investment opportunity; 3 projects; Copper and Gold exposure



- **Bramaderos Gold-Copper Project, Ecuador**
 - Binding farm-in deal with TSXV listed Cornerstone Capital Resources where Avalon can earn up to 80%
 - Members of the Avalon team were leading SolGold when SolGold and Cornerstone struck a similar agreement over the giant Cascabel copper-gold porphyry in Ecuador
 - Exploration being driven by the team behind the Cascabel (Ecuador) and Tujuh Bukit (Intrepid, Indonesia) discoveries
 - Bramaderos contains fertile mineralised systems with strong potential to host a world-class discovery
- **Viscaria Copper Project, Sweden**
 - PFS and permitting process underway; strong exploration upside
 - Highly leveraged to increasing copper price – at US\$3/lb copper this is a very attractive project
- **Southern Finland Gold Project**
 - Multiple gold occurrences identified but limited previous exploration

Market cap of just \$15M offers huge leverage from a global portfolio which now includes the highly prospective Bramaderos Gold-Copper Project.



BRAMADEROS – A WORLD-CLASS OPPORTUNITY

Matching the team with the opportunity

- Binding farm-in agreement with TSXV listed Cornerstone Capital Resources – see ASX announcement dated 10th April 2017
- The Avalon team has previously partnered with Cornerstone, and the Bramaderos project presents an opportunity to repeat discovery successes and deliver exceptional shareholder returns
- Bramaderos contains fertile mineralised systems with strong potential to host a world-class discovery
- **Historical results from Bramaderos include wide intervals such as 260m at 0.6g/t Au and 0.14% Cu in diamond drilling, including 76m at 0.9g/t Au and 0.2% Cu, and 42m at 3.7g/t Au and 22m at 4.7g/t Au in surface trenching**
- Ecuador is host to world-class copper-gold deposits, in one of the most highly prospective belts for porphyry and epithermal copper-gold deposits

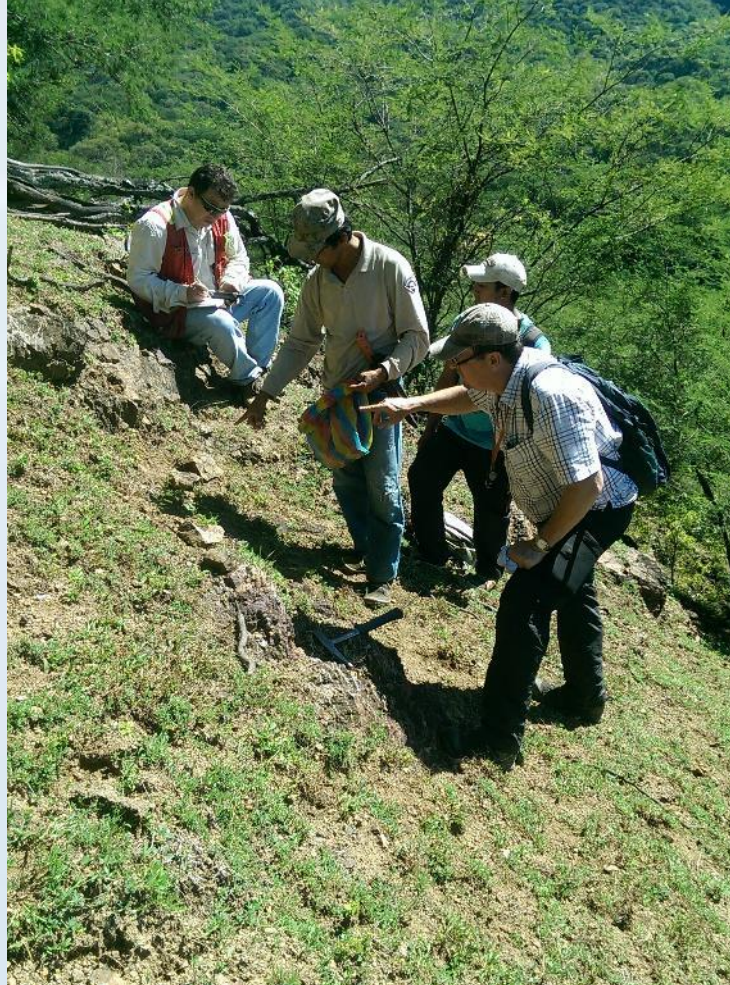


BRAMADEROS – A WORLD-CLASS OPPORTUNITY

Excellent access and infrastructure



- Area amenable to development
- The Project is accessible by vehicle from Catamayo, a 1.5 hour drive along the sealed Pan-American highway which passes through the western portion of the Project
- Catamayo is serviced by daily flights (45 minutes) from the capital city of Quito
- A hydro power line (110V and 220V) passes through the Property area
- Unskilled labour is available locally
- Water supply is good in the vicinity of the main rivers such as the Rio Playas
- Elevation 900 -1100m asl



ECUADOR – OPEN FOR INVESTMENT

Pro-mining Government with equitable and competitive tax structure



In Toronto, on the TSXV, Ecuador is currently the ‘hottest’ exploration destination

A Good Place to Explore and Develop

- Ecuador has not seen the same level of mineral exploration as its neighbouring countries of Peru, Chile, Argentina and Colombia
- And yet it contains some of the most highly prospective terrains for copper and gold
- Newly elected President Moreno is pro-mining and provides policy continuity from President Correa

Tax Structure

- Wood Mackenzie engaged by the government of Ecuador to provide advice to deliver an equitable and competitive tax structure
- Ecuador now competitive with regional peers

The logo for LUNDINGOLD features the word "LUNDINGOLD" in a bold, sans-serif font. The letters "LUNDING" are blue, and "GOLD" is yellow. The text is set against a white background with a subtle blue and yellow gradient.

Fruta Del Norte (TSX)

- 10 million ounce resource
- 5 million ounce reserve at ~10g/t
- Underground gold operation producing 340,000 ounces pa LOM
- July 2016 - commencement of Exploitation Phase
- October 2016 - Environmental licence granted
- 2017 – Construction begins
- 2020 – Production commences

AUSTRALIAN COMPANIES IN ECUADOR

Avalon is the only ASX-listed junior providing direct exposure to this potential



- Ecuador is booming; very active exploration and development scene
- **Avalon represents the only ASX listed junior to provide direct exposure to this potential**



- 2016 – secured 10% position in SolGold (owner of giant Cascabel copper-gold deposit) for US\$23M outlay
- 2017 – invested US\$40 mill for an additional 4.5%



85:15 JV



- SolGold is Brisbane based, AIM listed
- Secured Cascabel through JV with Cornerstone Capital Resources (TSXV:CGP)
- Cascabel discovered 2013
- A very large copper-gold discovery



- 2016 – JV proposal over Cascabel rejected by SolGold
- 2017 – acquired exploration concessions with reports of commitments to spend ~US\$80 mill over 4 years

HANCOCK PROSPECTING



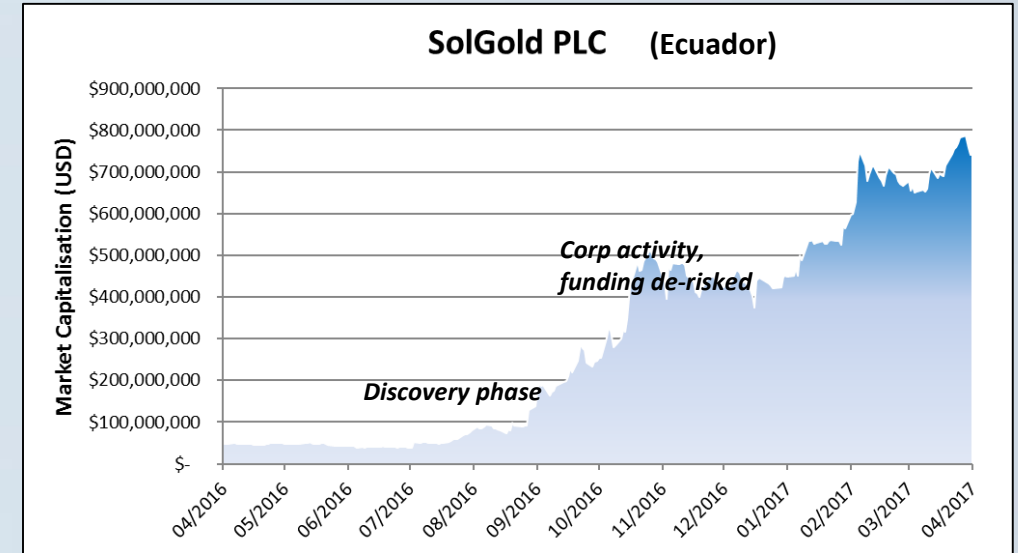
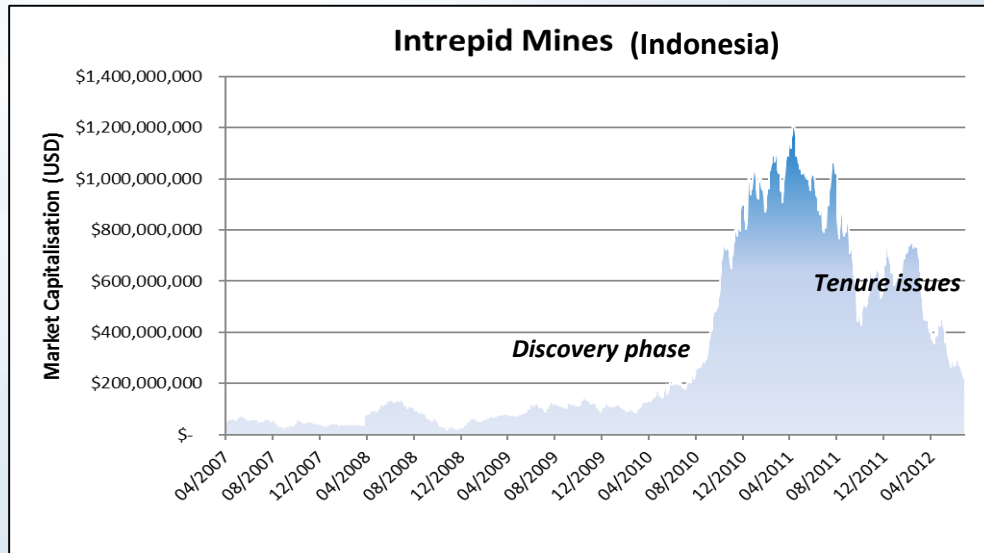
- Exploring for copper-gold opportunities
- The only non-Australian exploration address for the companies

VALUE GROWTH THROUGH DISCOVERY

Avalon is the only ASX-listed junior providing direct junior company exposure to Ecuador



- Shareholder value growth delivered through discovery, and sustained by delivering a clear pathway to development – secure title, a good operating regime, funding options, infrastructure
- The Avalon team have been involved in giant porphyry copper-gold discoveries with Intrepid Mines and SolGold



BRAMADEROS – DISCOVERY FOCUS

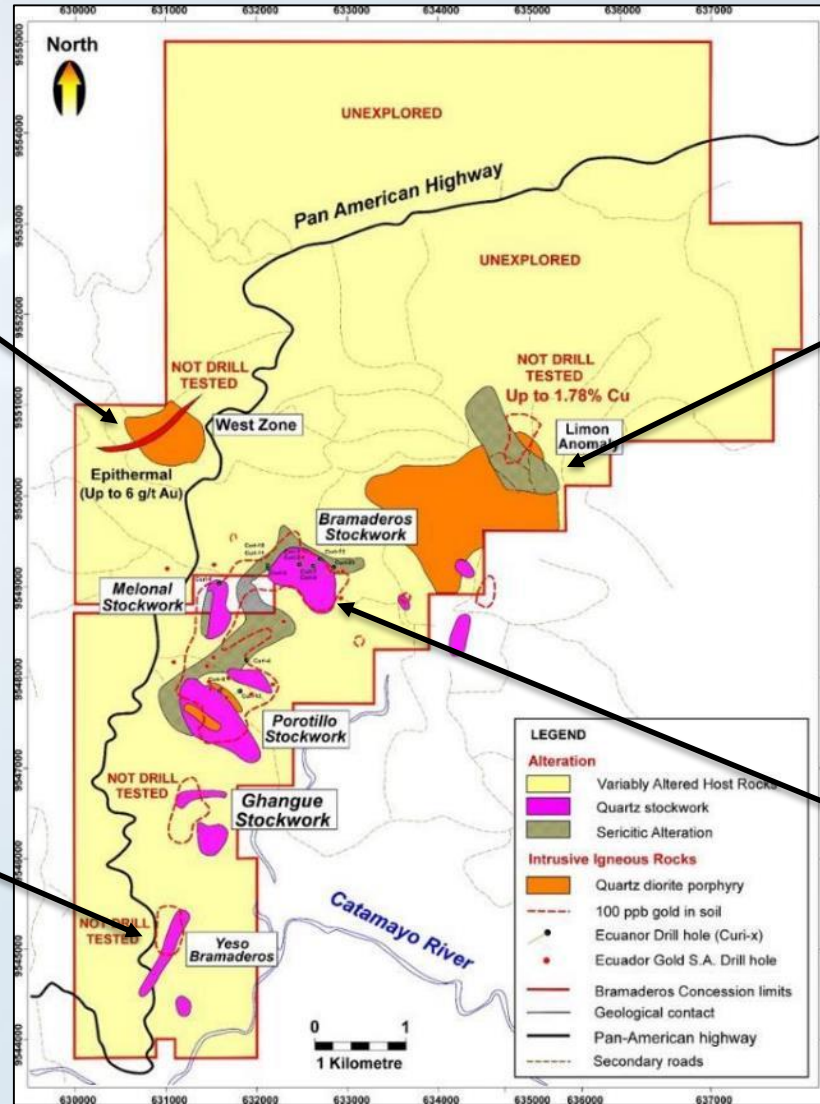
A highly prospective gold-copper concession



West Zone breccia; trench 41.7 m @ 3.70 g/t Au



Epithermal veins at Yeso



Malachite at Limon; rock chips up to 1.8% Cu & 1.45g/t Au



Magnetite stockwork at Bramaderos

BRAMADEROS – PROJECT GEOLOGY & TARGETS

A highly prospective gold-copper concession



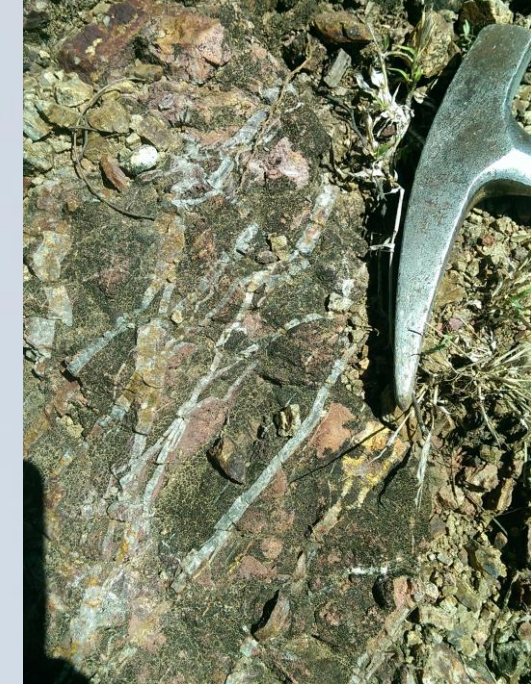
Sheeted veins at
Bramaderos Limon
Prospect



Malachite staining in area
of anomalous historical
gold and copper rock
chips samples at Limon
prospect



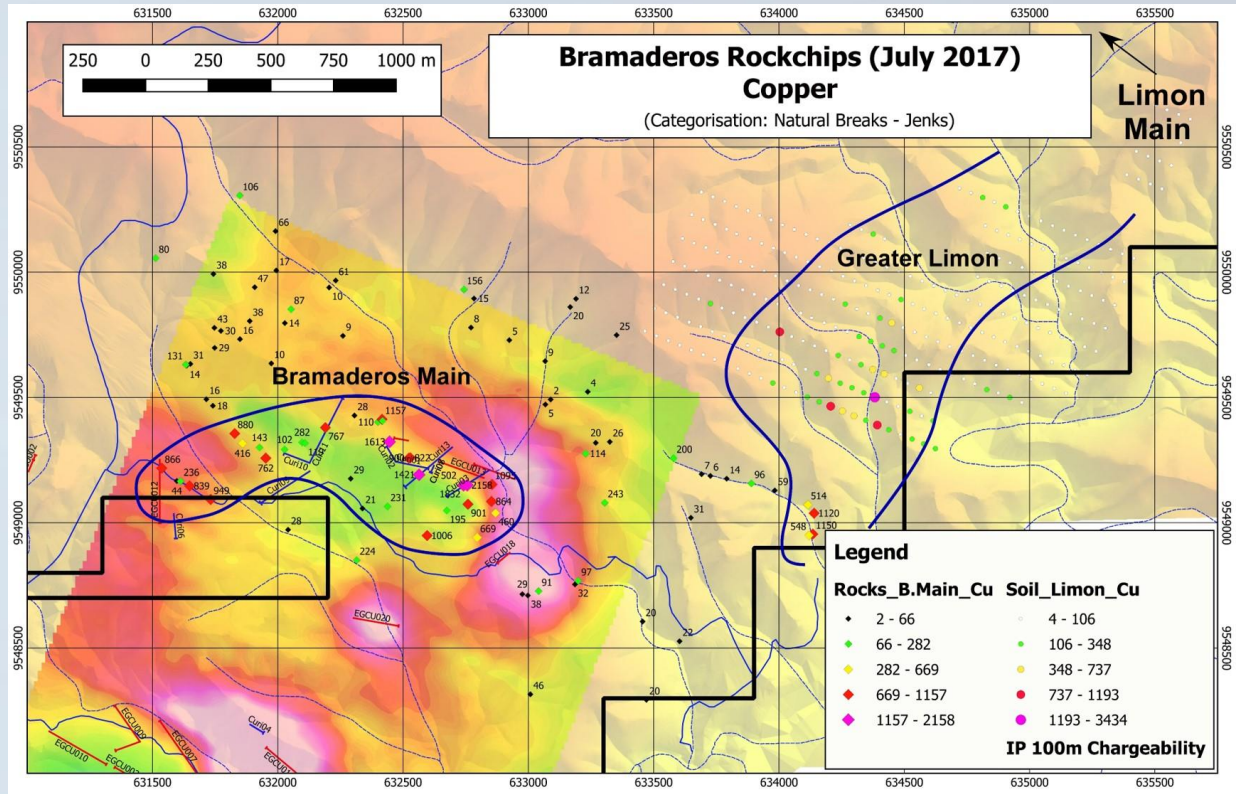
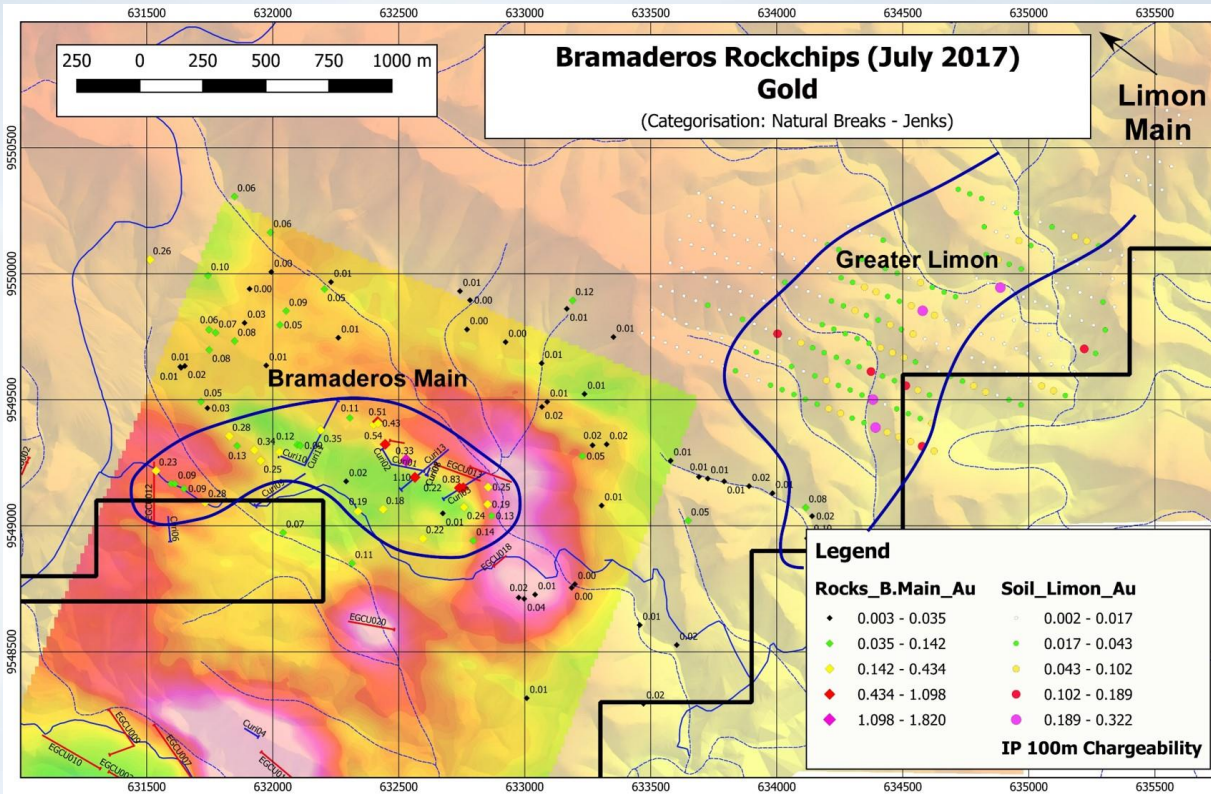
Intense stockwork
veining at Limon
prospect



Thick stockwork veins
in altered host rocks
at Limon prospect

BRAMADEROS – PROJECT GEOLOGY & TARGETS

Early results



- Bramaderos Main anomalism tightening up, and exhibiting NW trending structural control
- New areas of metal anomalism being defined between Limon Main and Bramaderos Main, coincident with historically mapped areas of quartz stockwork and intrusive rocks.

VISCARIA COPPER PROJECT

Advanced copper project in Sweden

- ✓ High quality copper project
- ✓ PFS stage copper development opportunity in a mining district
- ✓ Development permitting in progress
- ✓ Exceptional exploration upside



PROJECT SITE



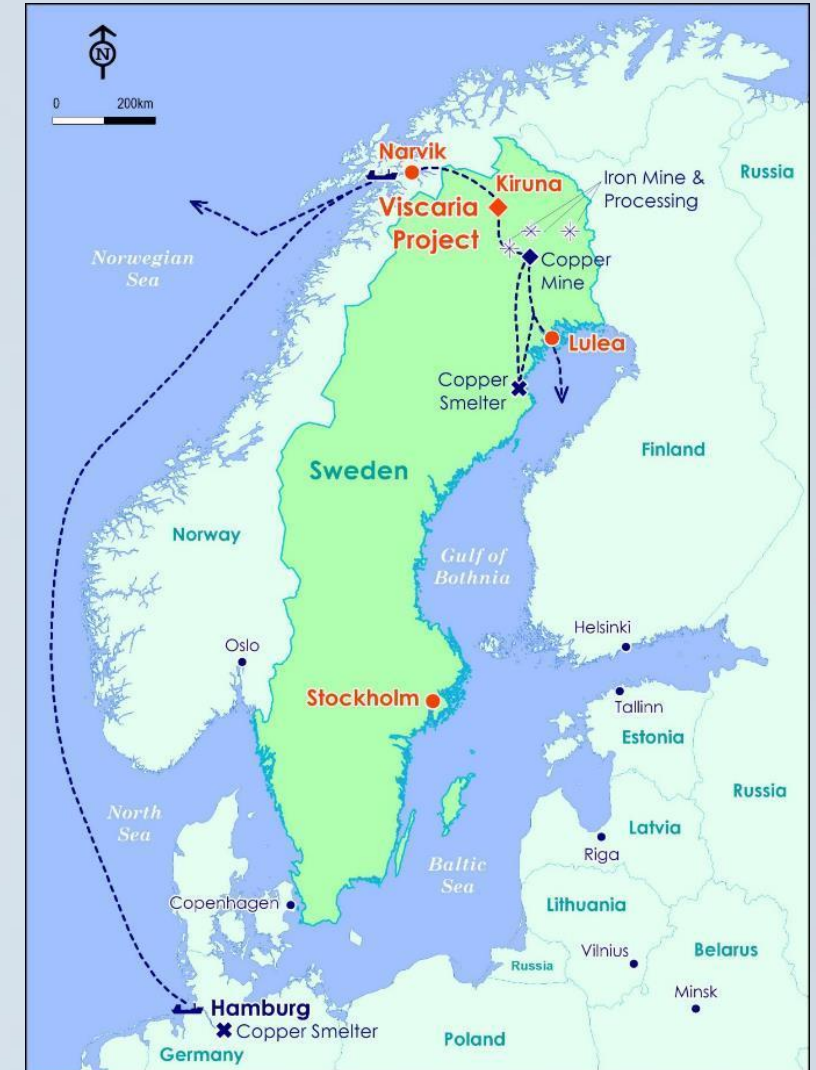
PUBLIC ACCESS ELECTRIC RAIL



KIRUNA TOWN

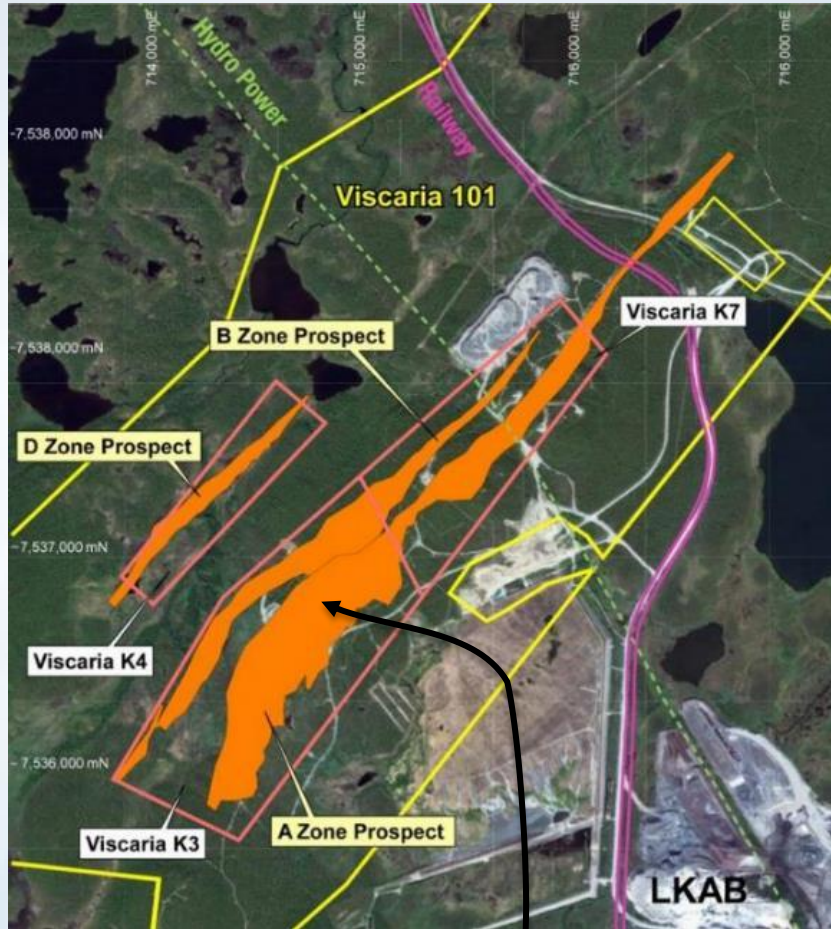


LOW COST HYDRO POWER

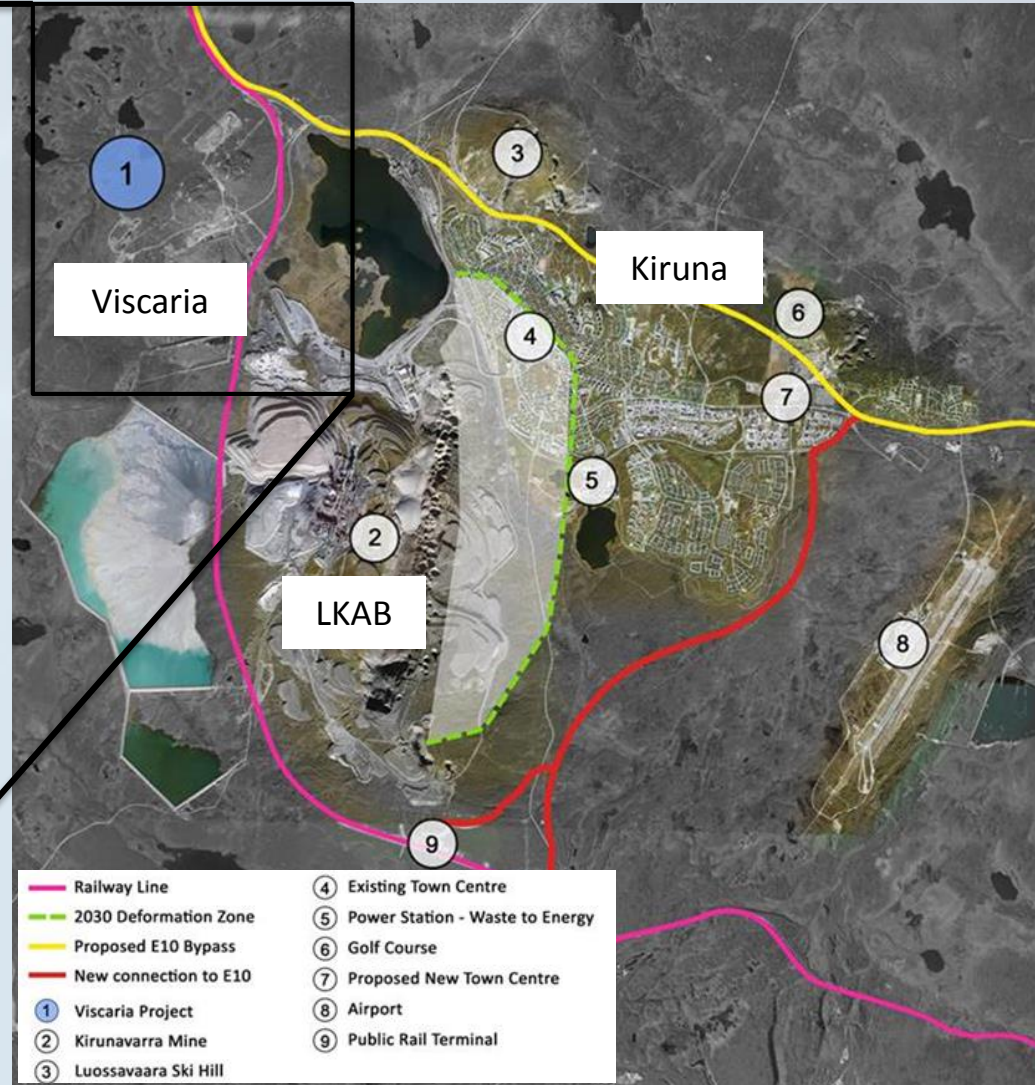


VISCARIA COPPER PROJECT

Outstanding Location



Copper orebodies shown in orange



A Zone previously mined, other orebodies not

Mineral Resource estimate 52.4Mt at 1.2% Cu - 65% Measured and Indicated

Subset of that used in 2016 Scoping Study

(Refer Annual Report released 16 August 2016, Mineral Resource Estimate table and the Competent Persons Statement at the end of this presentation)

VISCARIA COPPER PROJECT

2016 Scoping Study metrics for Target Case A



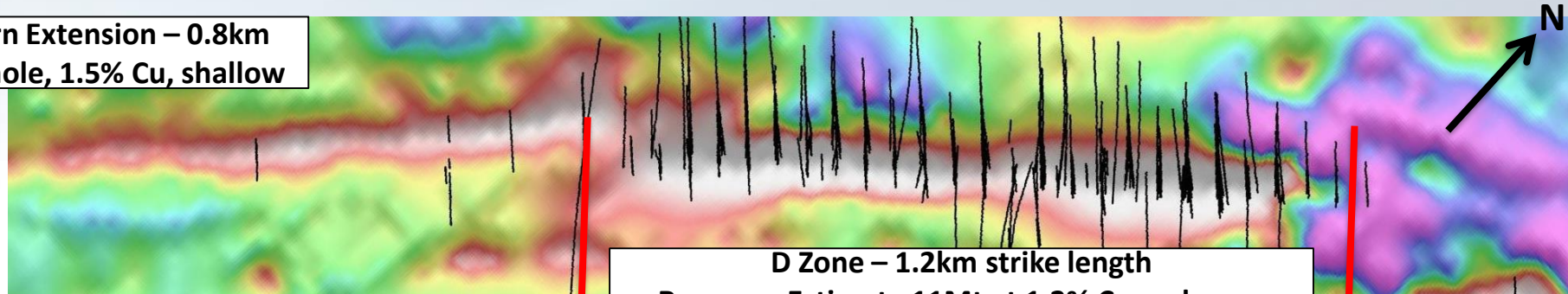
See ASX announcements

- **18th December 2015 “Viscaria Copper Project Scoping Study”**
- **5th April 2016 “Investor Update and Presentation”**

VISCARIA PROJECT – D Zone

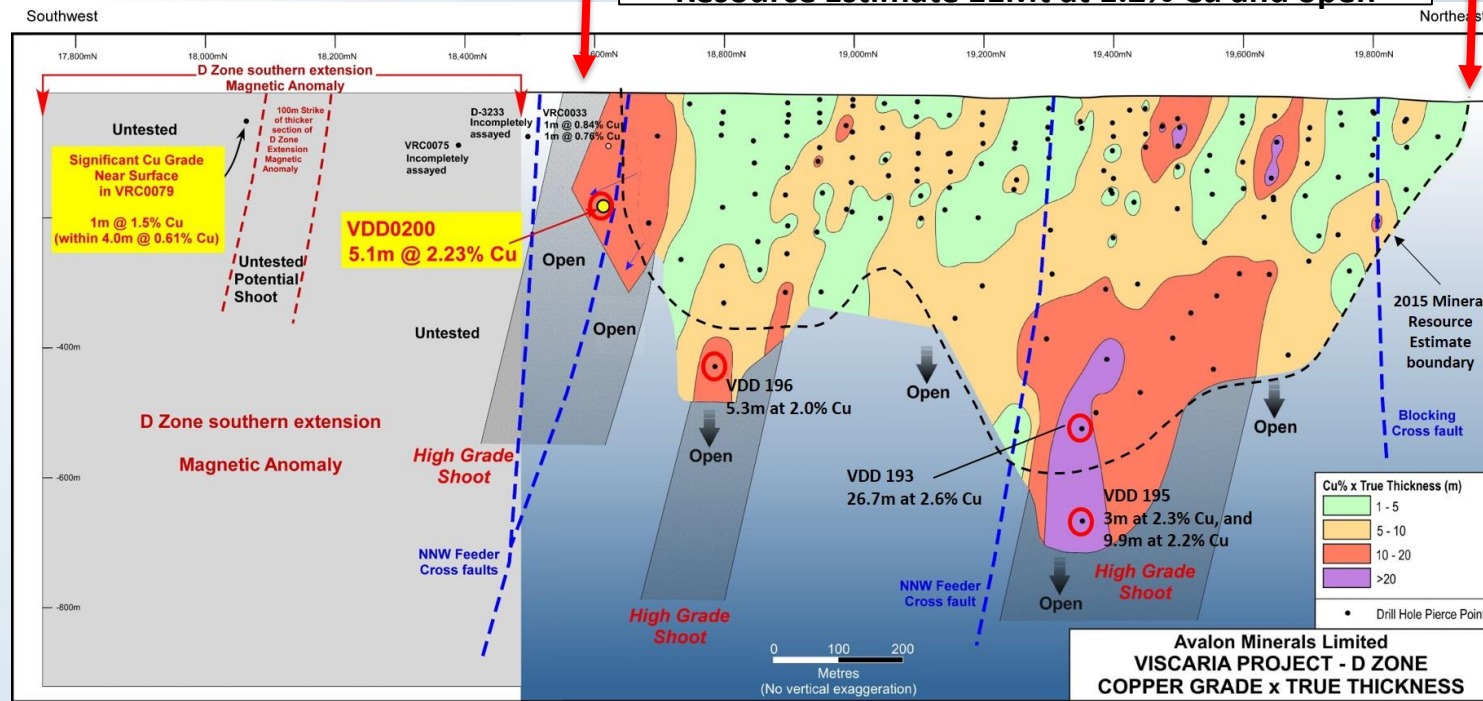
Considerable upside potential laterally to the southwest and down plunge

D Zone Southern Extension – 0.8km
1 effective drill hole, 1.5% Cu, shallow



D Zone – 1.2km strike length
Resource Estimate 11Mt at 1.2% Cu and open

Ground Magnetic Image



D Zone Long Section showing considerable upside potential along strike to the south, and down plunge, host unit mapped confidently by magnetics

VISCARIA PROJECT – D Zone

Considerable upside potential laterally to the south and down plunge



- **VDD 193** (drilled 2015), the deepest hole in the North Shoot resource area, intersected
26.7m at 2.6% Cu; including
6.6m at 3.5% Cu; and
5.2m at 2.9% Cu, and
6.9m at 2.6% Cu

- **VDD 195** was drilled below VDD 193, outside the resource boundary in the North Shoot, and intersected
21.5m at 1.5% Cu, including
3m at 2.3% Cu, and
9.9m at 2.2% Cu

OUTSIDE AREA OF RESOURCE ESTIMATE

- Similarly, strong results from **VDD 196**, drilled outside of the resource boundary in the South Shoot, intersected
13.8m @ 1.4% Cu, including
5.3m @ 2.0% Cu

OUTSIDE AREA OF RESOURCE ESTIMATE

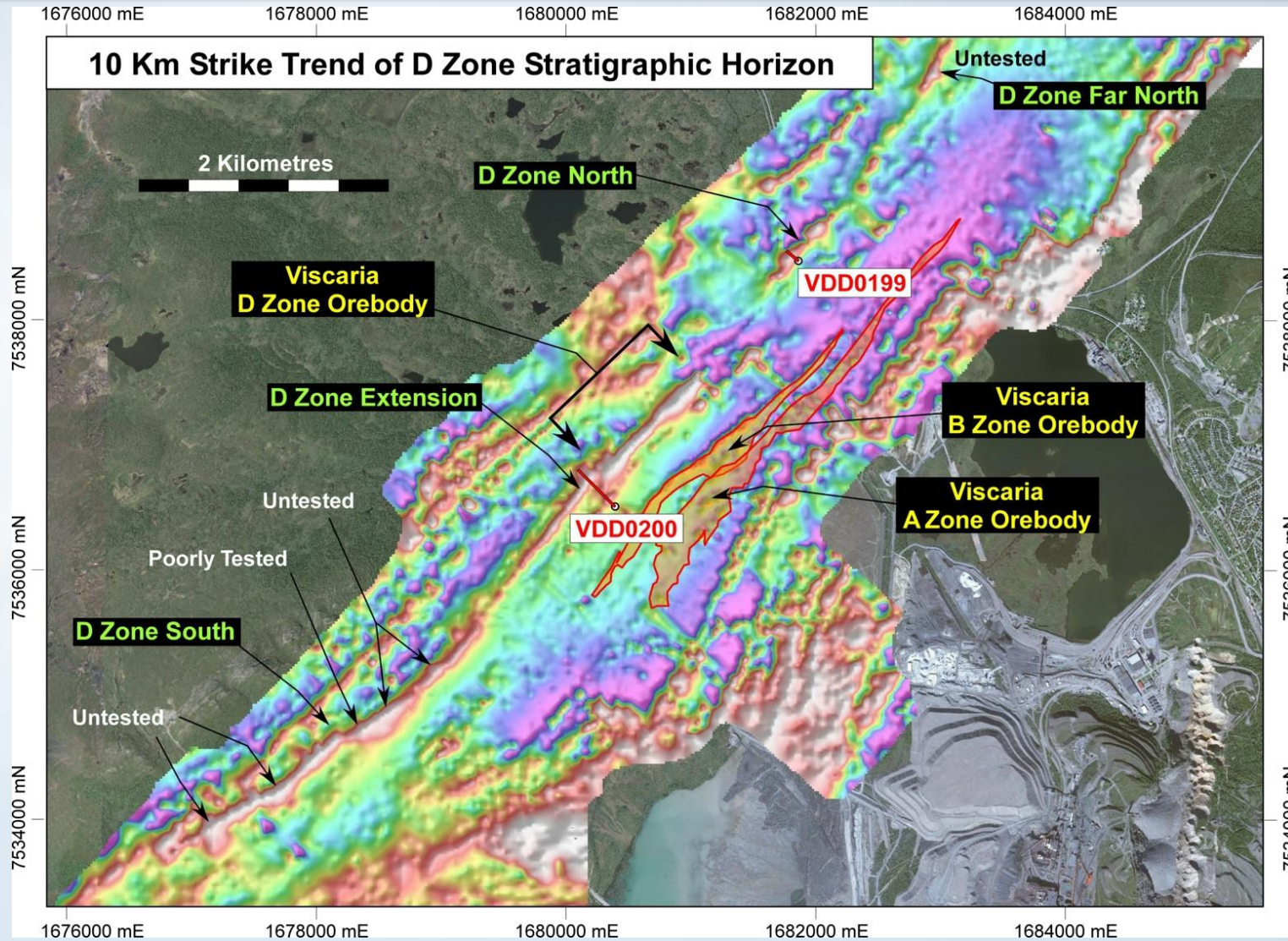
- And in 2017, **VDD 200** drilled outside of the resource boundary in the South Shoot, intersected
13.4m @ 1.1% Cu, including
5.1m @ 2.2% Cu

OUTSIDE AREA OF RESOURCE ESTIMATE

- ... and geophysical modelling of the host magnetite indicates that this copper orebody will grow
- D Zone shoots getting thicker and higher grade with depth

VISCARIA PROJECT – NEAR-MINE TARGETS

Several kilometers of target horizon for D Zone analogues

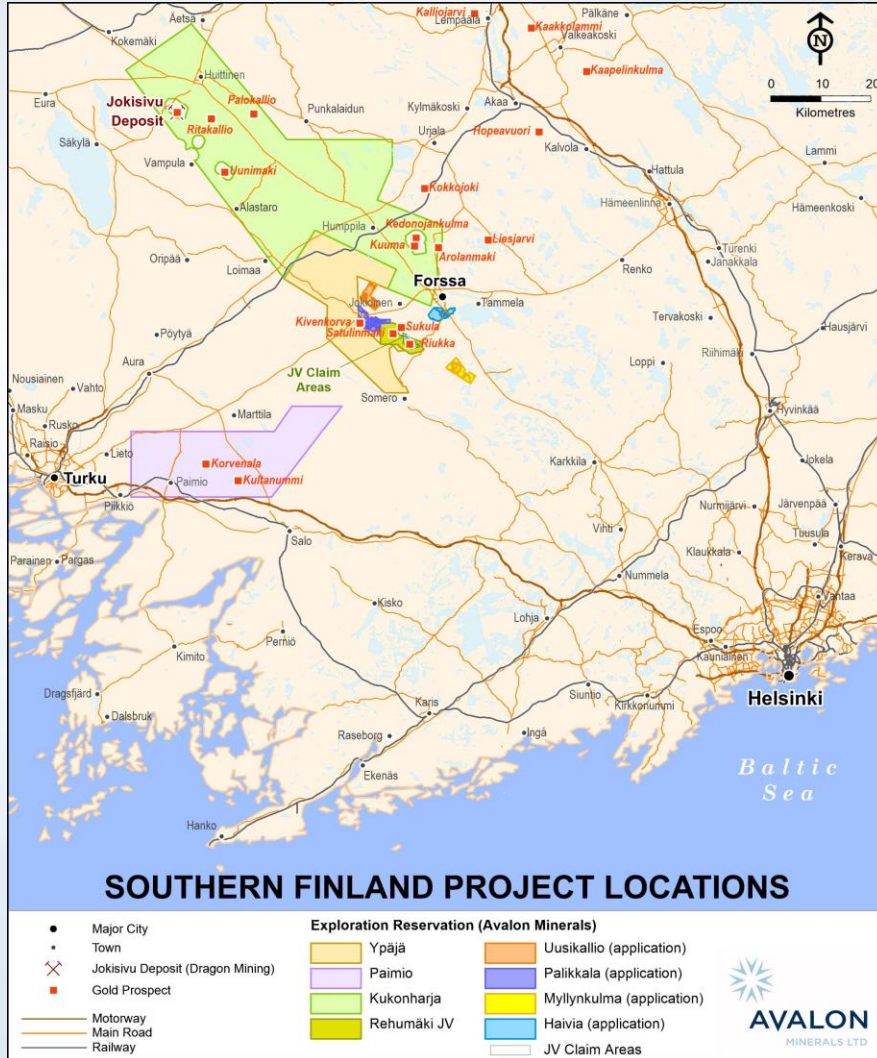


D Zone South

- Lies along magnetic strike, 3 km southwest of the D Zone deposit
- Only a few shallow RC and diamond drill holes completed in Avalon's early drill campaigns in 2010 and 2011
- Four drill holes intersected weakly, but encouragingly very pervasive, mineralisation and continuous runs of copper in an area near the southwest end of a 600m-long magnetic anomaly
 - VRC0024: 42m @ 0.11% Cu (from 40m) - Pyrite-magnetite alteration in dolerite and basalt
 - VRC0025: 60m @ 0.13% Cu (from 31m) - Epidote-magnetite alteration in dolerite and basalt
 - VDD0066: 10m @ 0.21% Cu (from 87m) - Magnetite alteration (20%) with chalcopyrite stringers in 'greenstone'
 - VDD0067: 10m @ 0.28% Cu (from 58m) - No record.
- Modelling of ground magnetic data in 2017 indicated that holes VRC0024, VDD0066 and VDD0067 had only tested the very uppermost corners of a 80m-wide magnetic anomaly that broadens substantially at depth where it remains untested. The modelling also indicated that hole VRC0025 drilled parallel to and only tested the south-east edge of a 42m-thick and relatively strong magnetic anomaly.

SOUTHERN FINLAND GOLD PROJECT

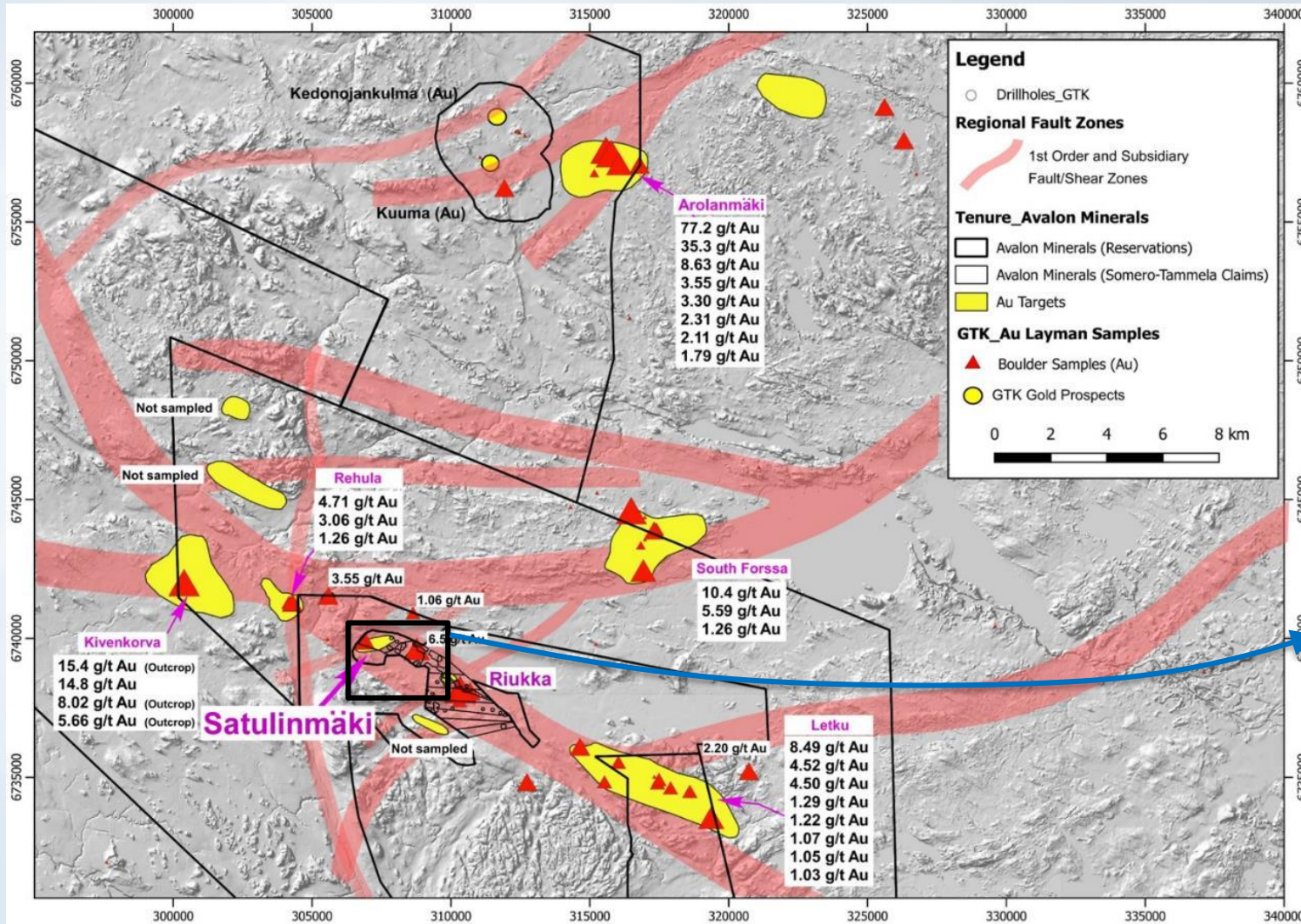
Highly prospective gold exploration opportunity



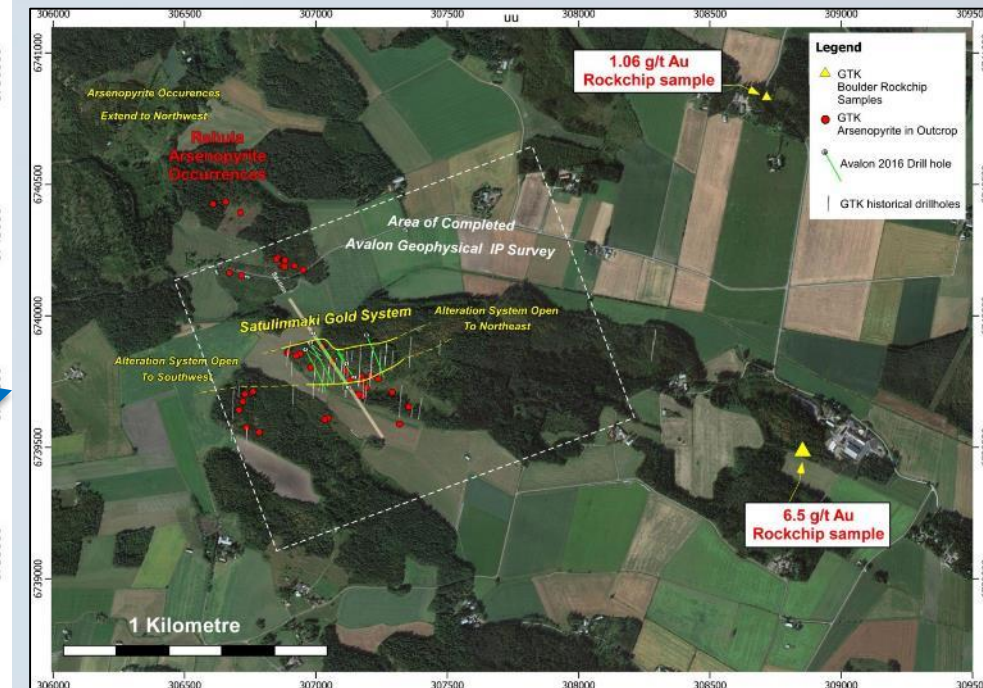
- 2,400km² held under 100% held Exploration Reservation, and a JV with Nortec Minerals (AVI holds 51%)
- Supported by infrastructure
- Can operate all year round
- Historical exploration by the Finnish Geological Survey has identified multiple gold occurrences; but there has only been very minor exploration
- Initial drilling by Avalon delivered excellent results from Satulinmäki including visible gold
- Satulinmäki drilling includes 147.0m at 0.8 g/t gold from 73m in SMDD007,
 - Including 23.5m at 3.3g/t from 143m
 - including 9.0m at 7.3 g/t from 147m
- Regional opportunities include
 - Korvenala** – 10 shallow holes; 5.5m at 1g/t gold
 - Kultanutmi** - 31 shallow holes; 1 to 6m intervals up to 10g/t gold
 - Kivenkorva** – 3 shallow holes; up to 16.6g/t gold in surface sampling
 - Sukula** – 4 shallow holes; 1m at 1.7g/t gold
 - Ritakallio** – 15 shallow holes; 4.7m at 1.7g/t gold
 - Palokallio** – 18 shallow holes; 1.0m at 41.8g/t gold

SOUTHERN FINLAND GOLD PROJECT

Highly prospective gold exploration opportunity

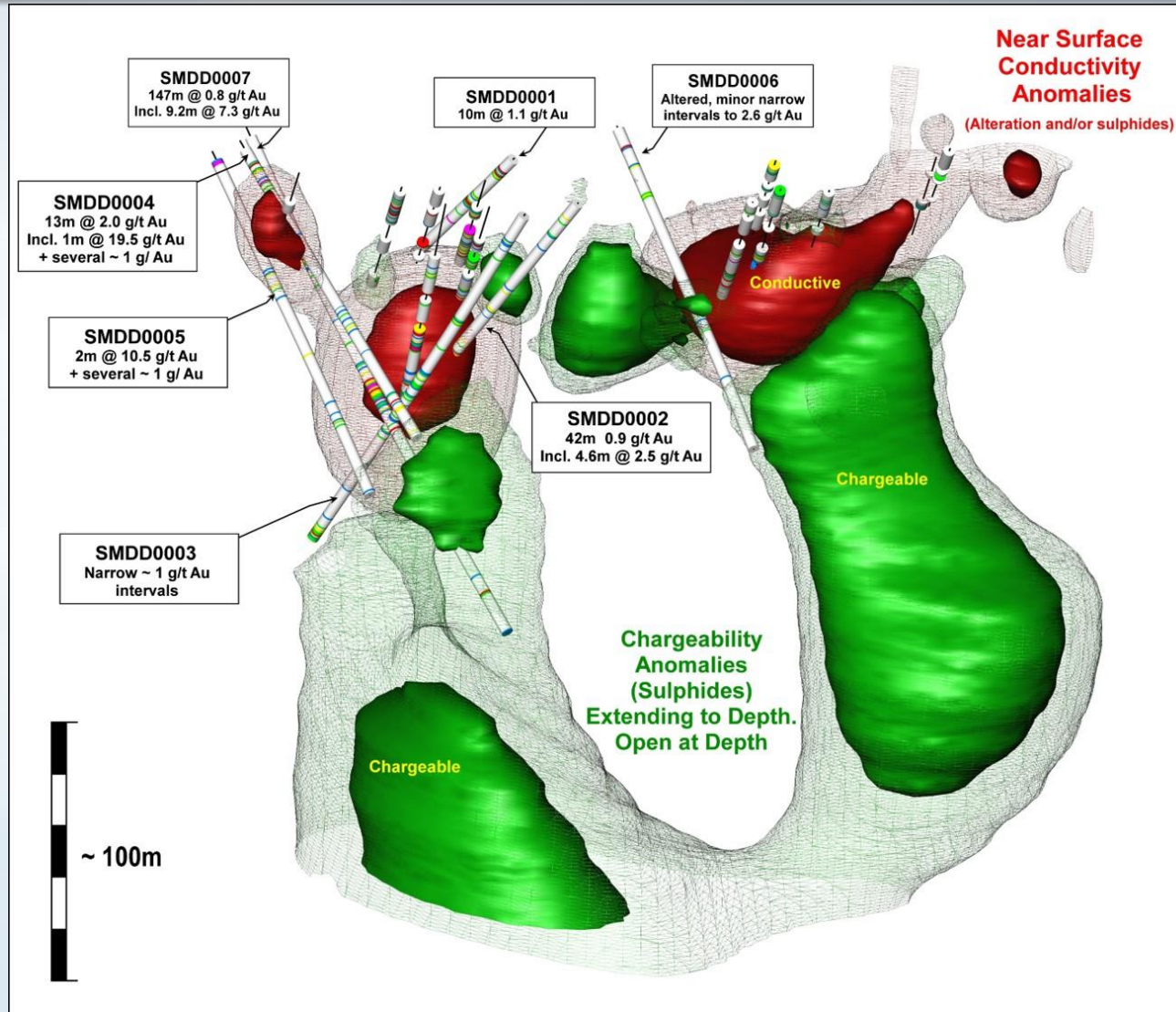


- Satulinmäki, 300m x 300m mineralised area and growing
- Several other highly prospective mineralised areas nearby

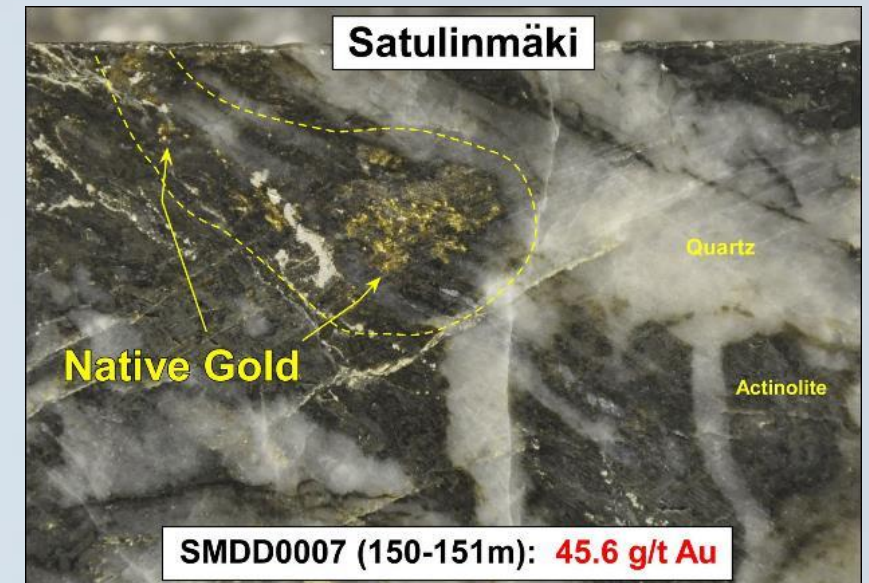


SATULINMÄKI GOLD PROSPECT

Drill intersections potentially extend to depth based on geophysics



- Considerable vertical extent interpreted from chargeability anomalies
- Drilling to date correlates gold zones with conductivity anomalies



AVALON – PLANNED WORK AND NEWS FLOW



□ **Bramaderos Gold-Copper Project**

- Active exploration program; mapping, rock chip sampling, soil sampling, trenching, heli-magnetics
- Ongoing historical data compilation
- Strong news flow as multiple targets mature
- Operational considerations for early stage development targets
- Drilling to commence as soon as drill permits received

□ **Viscaria Copper Project**

- Recent drilling on multiple near mine targets
- Very good results reinforcing upside potential
- At US\$3/lb copper price environment - very attractive project and very significant upside potential

□ **Southern Finland Gold Project**

- Satulinmäki IP geophysics completed – results indicate a potentially large gold system
- Geological mapping and surface sampling underway with results expected from mid-September
- Trenching and drilling to follow
- Goal is to establish continuity of mineralisation and consider development options

VISCARIA COPPER PROJECT

Mineral Resource Estimate



Resource Area	Classification	Tonnes (Mt)	Cu Grade (%)	Contained Cu (kt)
A Zone	Measured	14.44	1.7	240.0
	Indicated	4.69	1.2	57.2
	Inferred	2.48	1	25.5
	Subtotal	21.61	1.5	322.7
B Zone	Measured	0.12	1.3	1.6
	Indicated	4.12	0.7	29.7
	Inferred	15.41	0.8	118.7
	Subtotal	19.65	0.8	149.0
D Zone	Indicated	3.11	0.81	25.2
	Inferred	0.01	0.32	0.02
	Subtotal (open pit)	3.11	0.81	25.2
	Indicated	7.26	1.37	99.8
	Inferred	0.78	1.57	12.2
	Subtotal (underground)	8.03	1.39	111.9
Overall Cu	Total	52.4	1.2	608.9

COMPETENT PERSON'S STATEMENT

Competent Persons Statement

The information in this report that relates to exploration results and exploration targets and results is based upon information reviewed by Dr Bruce Rohrlach who is a member of the Australasian Institute of Mining and Metallurgy. Dr Rohrlach 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". Dr Rohrlach consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Refer to Annual Report released 16 August 2016 for the Competent Persons Statement in relation to the estimates of mineral resources. The Company confirms that it is not aware of any new information or data that materially affects the information and all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The information in this report that relates to the updated 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.