



AVALON
minerals ltd

Fe-Cu-Au In Northern Sweden

RIU Sydney Resources Round-Up

May 2010

Disclaimer

- ⚠ Certain statements contained in this presentation, including information as to the future financial or operating performance of Avalon Minerals and its projects, are forward-looking statements. Such forward-looking statements:
 - are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Avalon Minerals, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
 - Involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.
 - May include, among other things, statements regarding targets, estimates and assumptions in respect of metal production and prices, operating costs and results, capital recovery rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
 - The words “believe”, “expect”, “anticipate”, “indicate”, “contemplate”, “target”, “plan”, “intends”, “continue”, “budget”, “estimate”, “may”, “will”, “schedule” and similar expressions identify forward-looking statements.
- ⚠ Avalon Minerals disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise.
- ⚠ All forward-looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein.

Avalon Minerals Ltd - AVI

Shareholding	%
Abu Sahid Bin Mohamed	16.5
Galena Fund	9.4
David McSweeney	9.0
Merrill Lynch	3.3
Top 20	62.2

Capital Structure	Million
Ordinary Shares	132.3
Unlisted Options	1.9
Market Cap @ \$0.22	\$29
Cash	\$4
Debt	\$0
Enterprise Value	\$24



Directors and Management

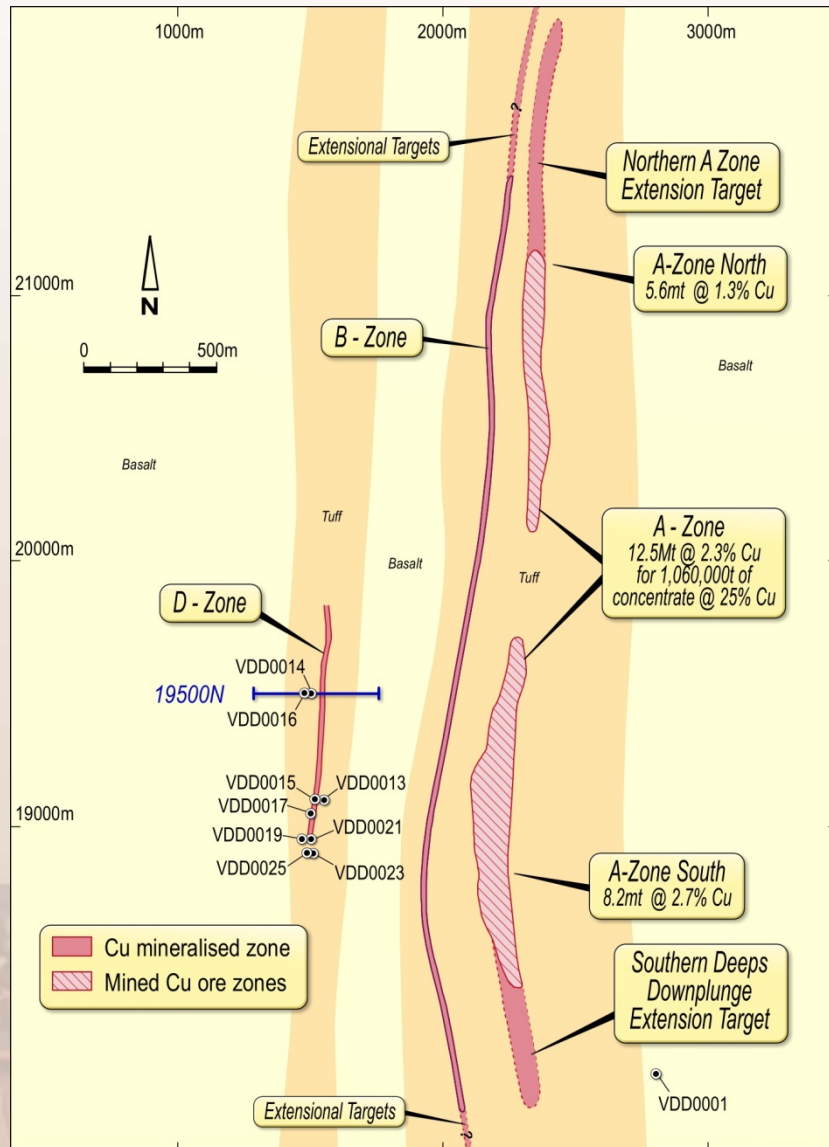
David McSweeney	MD/Chairman
Stephen Stone	Non Exec
Gary Steinepreis	Non Exec
Tan Sri Abu Mohamed	Non Exec
Andrew Munckton	GM/CEO
Grant Brock	Project Manager
Louise Lindskog	Exploration Manager

Sweden – A New Era



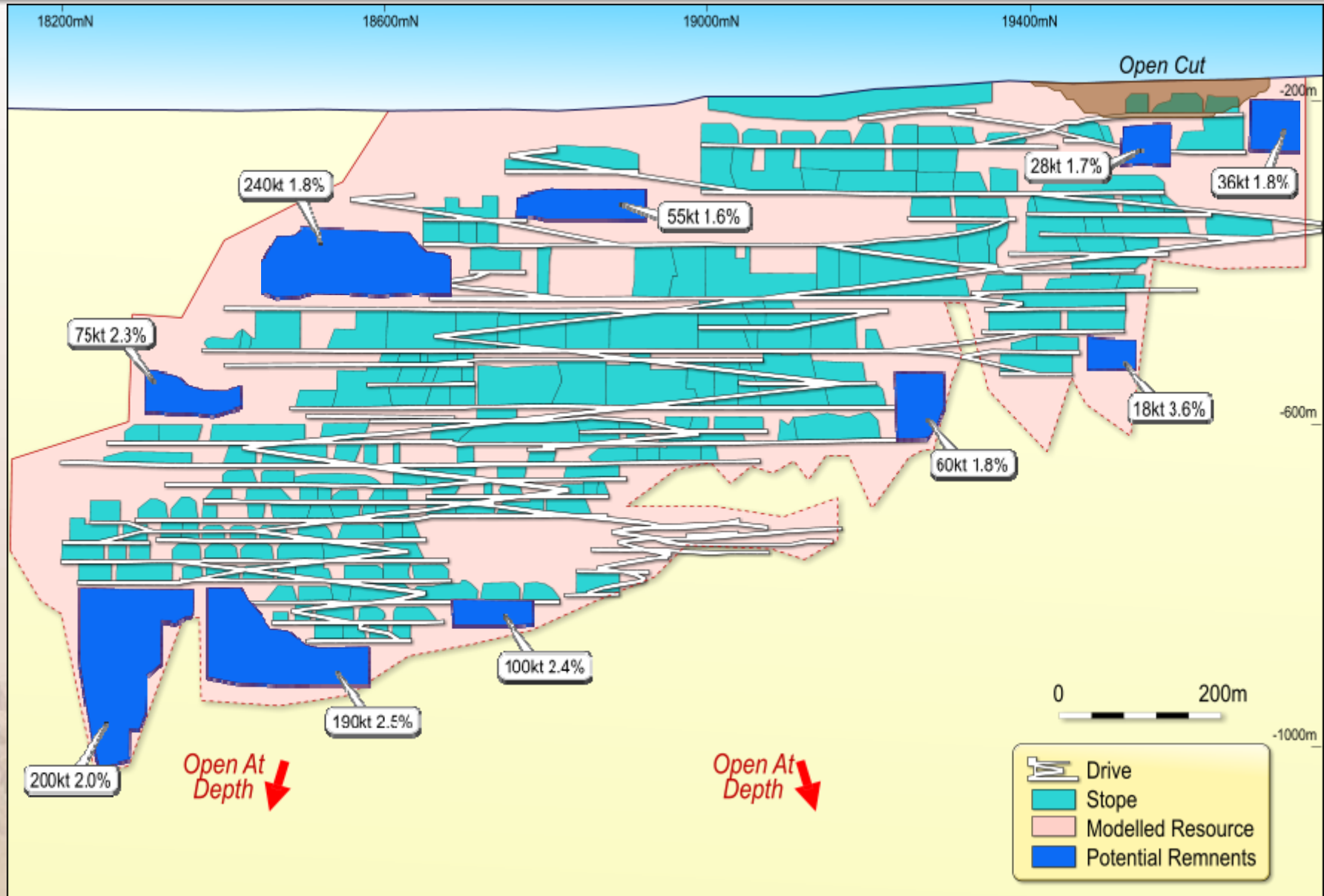
- **Government**
 - Supports Mining
 - 28% Company Tax
 - 0.2% Royalties
 - Easier approvals than most of Australia
- **Iron Ore**
 - 28mtpa – LKAB
 - Markets - W Europe, M East, Asia
 - Pellets, Concentrates and Fines
- **Copper**
 - 3rd in Europe
 - Mines and smelters -- Boliden
 - Imports 60% of smelter feed (S America)
 - Markets W Europe and M East
 - LME grade sheet
- **First World**
 - Infrastructure
 - Sovereign Risk
 - Starting to export to Asia and China

Viscaria Copper Project



- Discovered in 70's – 4km from Kiruna (pop 20,000)
- 12.5mt @ 2.3% Cu production from 1982-1997. Decline and Flotation ~ 100ktpa @ 26%Cu
- Purchased 100% by Avalon
 - Phelps Dodge, March 2008
 - US \$0.5 million
 - All historical data
 - Zero liabilities
- 40.6mt @ 1.3% Cu Inferred Resources
- PFS and drilling underway
 - 'D' Zone 4,500m
 - 'A' Zone near surface 3,000m
 - 'B' Zone near surface 2,000m
- Open pit developments with potential re-entry to historical underground and further resource extensions

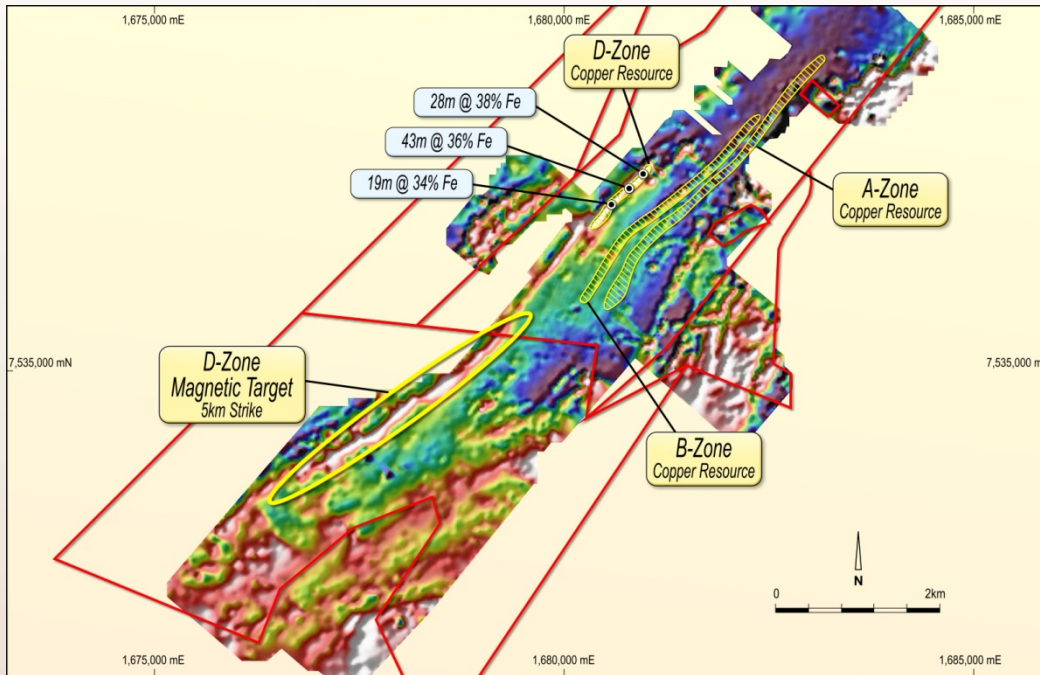
2010 Program A Zone South- Remnant UG Mining Assessment



Viscaria Fly Over



Viscaria Iron Ore Project



Metallurgical Performance

Hole ID	(m)	Head %				DTR (75um) %			
		Fe	P	SiO ₂	Al ₂ O ₃	WT	Fe	P	SiO ₂
VDD0013	43	35.5	0.09	13.9	0.3	not yet available			
VDD0014	28	38.4	0.06	12.5	0.9	not yet available			
VDD0015	14	38.5	0.04	13.9	1.3	not yet available			
VDD0019	19	33.4	0.10	15.3	1.5	not yet available			
Average	26	36.3	0.08	13.8	0.8				

- Adjacent to and south of Viscaria Cu mine
- 5 km from Kiruna (LKAB)
 - 28mtpa ore, 20mtpa pellets + Fe con
 - Concentrator, Pelletiser
 - Discussions, test work commenced
- 170 km by rail from Narvic Port
 - Norwegian Coast (ice free)
 - Storage and loading capacity
 - 22mtpa exports 2009...Capacity~40mtpa
 - 350kt ships, 12kt/hr load rate
- 6km magnetite rich 'D' Zone
 - Drilled at northern end
 - 43m @ 36% Fe
 - 28m @ 38% Fe

Skarn Iron Ore

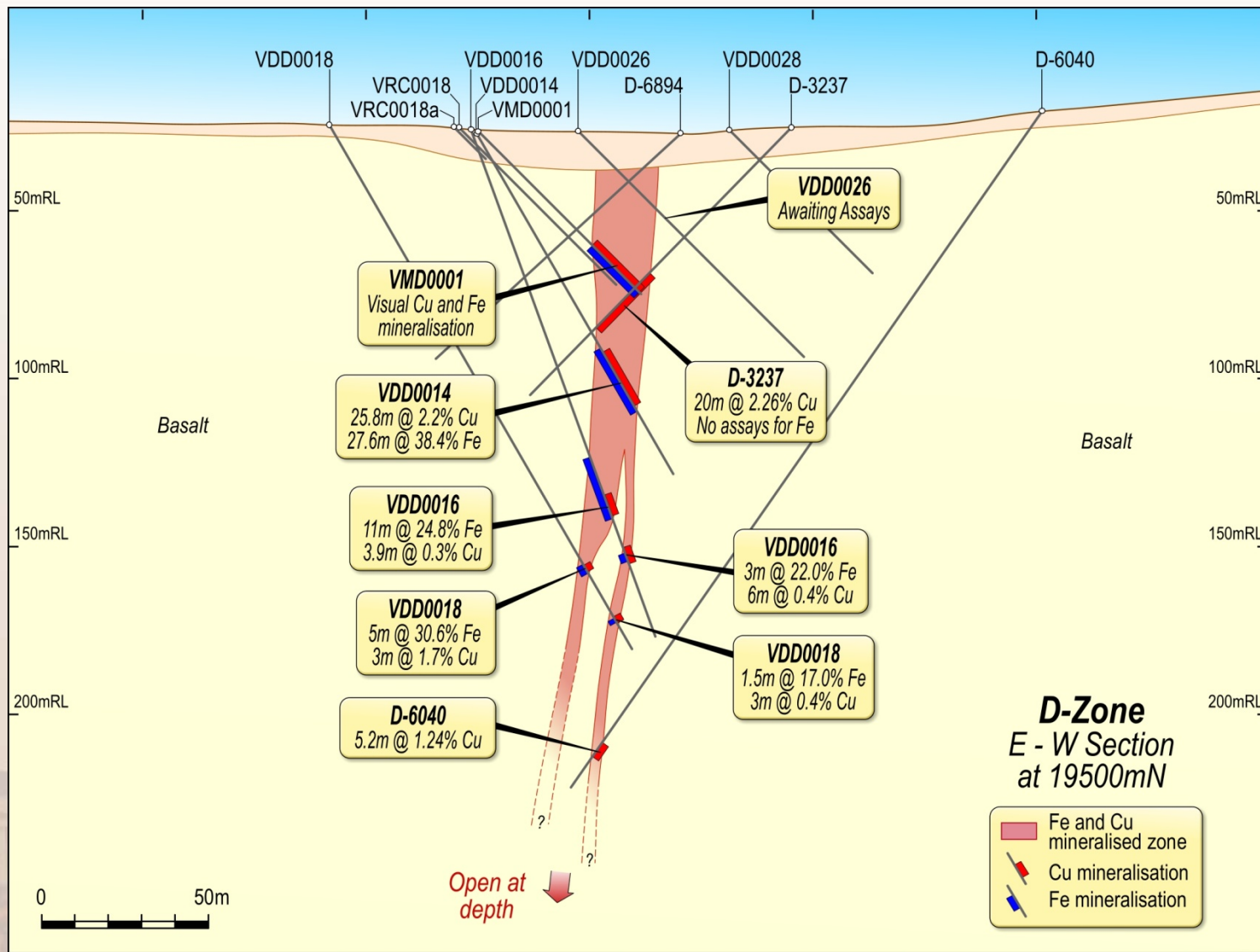
Massive and disseminated Magnetite

Low contaminants...soft

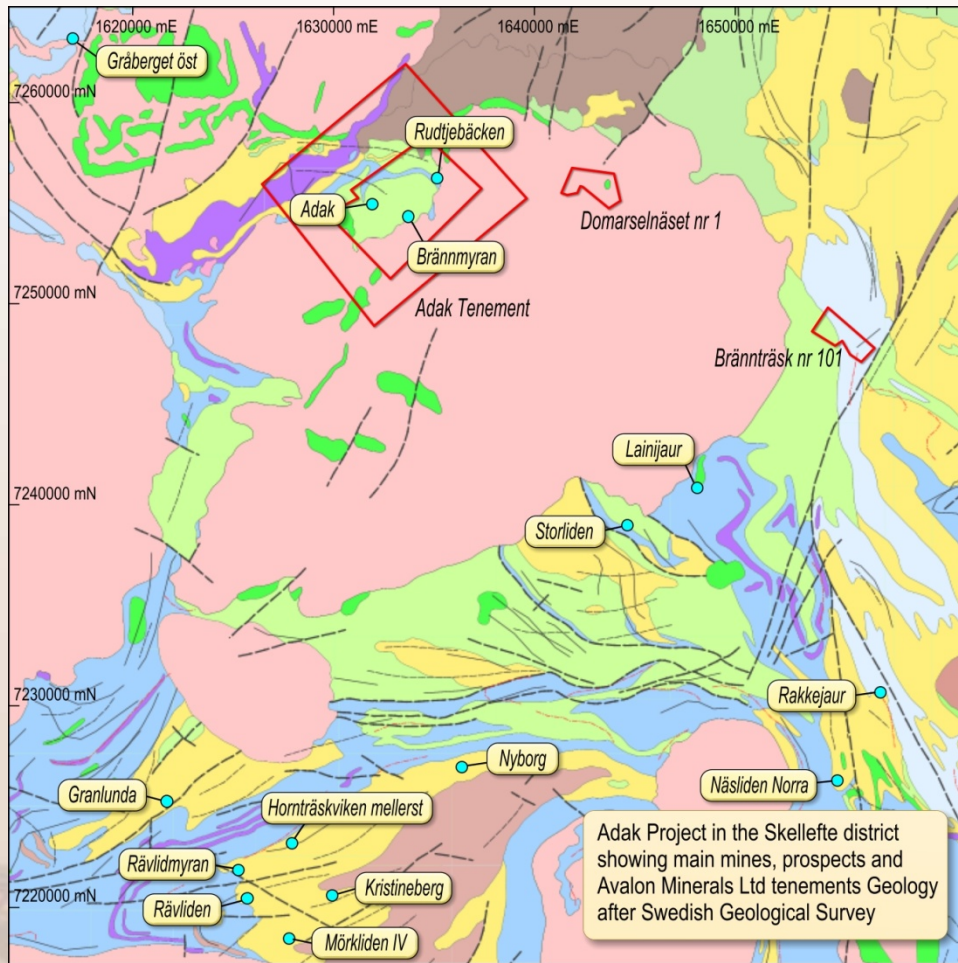
Easy to concentrate ??

- 30-50mt Ore and 15-20mt Concentrate target
 - Drilling Q2
 - Results Q3, 2010

D Zone Cu and Fe

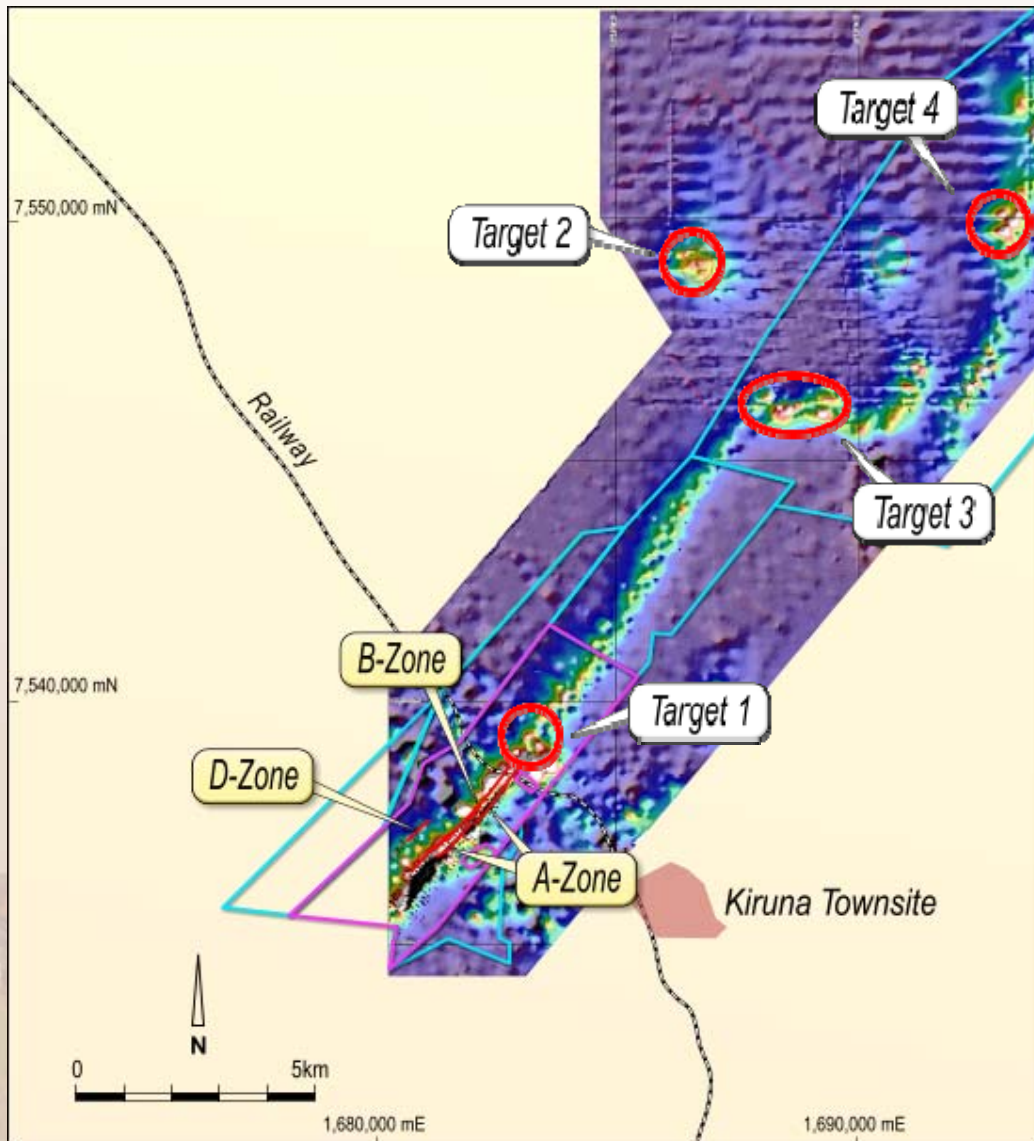


Adak Copper / Zinc Project



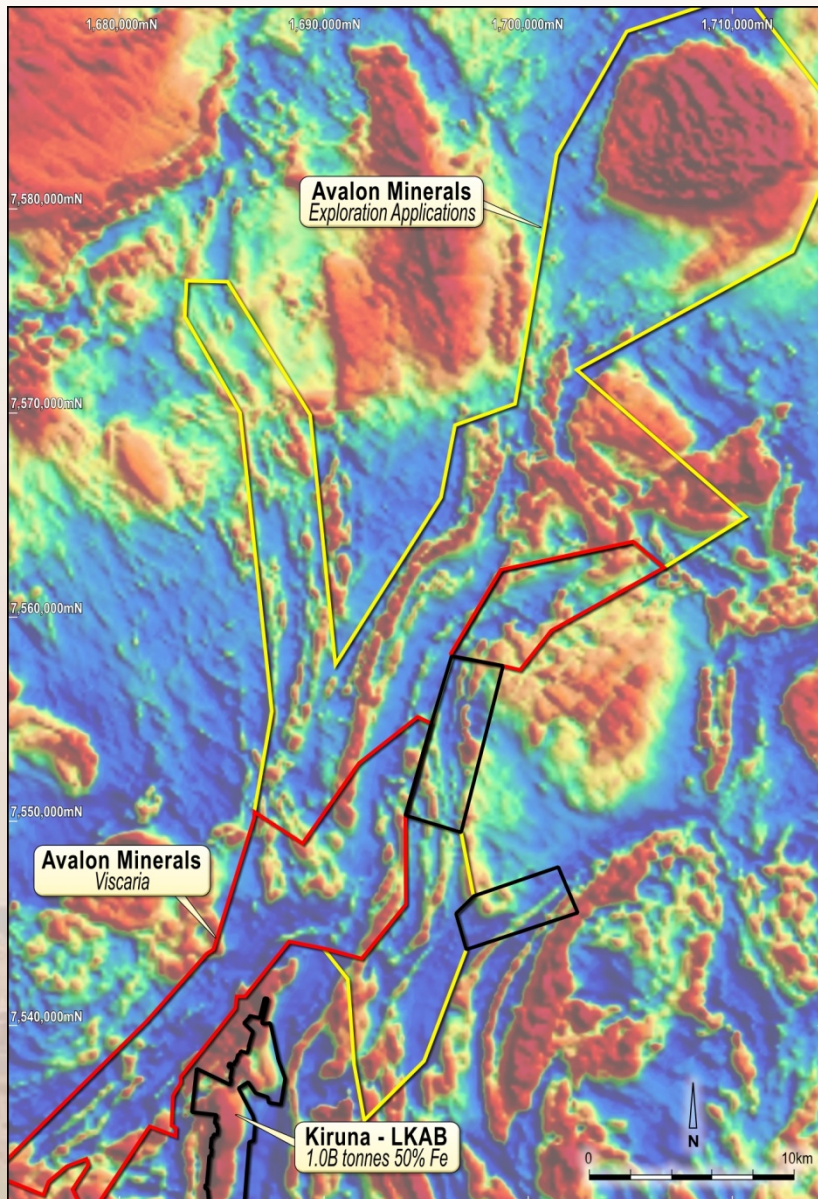
- △ Discovered in 40's in Skellefte Base Metals Belt 300km south of Kiruna
- △ 6.3mt @ 2.0% Cu, 4.7mt @ 0.9%Cu and 3.0% Zn from 1946-1970
 - Pits and Room and Pillar UG
- △ Part of Phelps Dodge purchase March 2008
- △ Historical data being assembled
 - Paper and sepiä
 - Old core
 - Historical drilling and production
 - 18 months work
- △ Attractive exploration address
 - Dome structure with draped VMS deposits
 - Recent high grade discoveries (Storliden) 8% Zn and 3% Cu
- △ Concentrators and smelters within transport distance
 - Kristeneberg
 - Boliden and others

Cu Exploration 2010 Viscaria targets new slide



- △ EM conductor along Viscaria trend >40km strike length
- △ Highlights 'A' Zone and 'B' Zone massive and disseminated sulphide lenses with characteristic signature
- △ 4 Primary targets identified – numerous others
- △ Geochemical sampling in 2010
 - Till
 - Peat bog
- △ Drilling 2011
 - Regional
 - EM Target

Fe and Cu Exploration – Regional Targets



- △ 423km² tenure application - May 2010
 - △ Regional Cu-Au and Fe mineralisation
 - LKAB till sampling dataset
 - Magnetics/Gravity/EM
 - comprehensive geological, geochemical datasets (SGS)
 - △ Multiple Targets
 - IOCG
 - VMS Cu and Zn
 - Skarn Iron Ore
 - △ Focus
 - + 10mt 2% Cu
 - + 50mt Fe Skarn +/- Cu
 - + 100mt Apatite Fe
- Close to enabling Infrastructure

Viscacia Cu Project Work Program

	2009	2010	2011	2012
Pre-feasibility		Cu only		
Metallurgy		Cu and Fe	Fe	
Mining concession Permitting		App	EIA and E Court	
Drilling		D,B,A zone	Explore	
Definitive Feasibility Study			Cu and Fe	
Construction & Development				Ore sales Stand Alone
Mining				Ore sales Stand Alone

Photos



Summary - Avalon Minerals

△ Viscaria Cu

- Large system (4km) + multiple zones (3 so far)
- High grade zones >3% Cu
- Existing decline and unmined open pit ore
- PFS drilling and test work in Progress

△ World Class infrastructure and facilities

- Road, Air, Power and Workforce
- Aitik Cu concentrator, Ronskarr Cu Smelter
- Kiruna Fe concentrator and pellet plant
- Heavy haul rail, Narvic port

△ Iron Ore prospectivity

- D zone and D zone extended

△ Growth opportunities

- Fe and Cu Exploration, Adak Cu-Zn Project
- Multiple target styles – IOCG, VMS, Skarn Fe
- First World Risk and Supportive Government / tax system

2009 Review Viscaria Will Produce – Open Cut

Open Cut Scoping study

Capacity	- 500,000 and 750,000tpa
Grade	- 1.6% Cu
Production	- 7,000 to 10,000 tpa
Copper price (longterm)	- US\$5,500/tonne
Est Op costs	- US\$2,400 – US\$2,900/tonne recovered



Competent Persons Statement

The information in this report relating to the Mineral Resource and Exploration Results is reviewed by Mr Andrew Munckton BSc (Mining Geology) who is a Member of the Australasian Institute of Mining and Metallurgy and is employed by Avalon Minerals Ltd as the Company's General Manager of Operations. Mr Munckton 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 Competent Persons as defined in the 2004 Edition of the "Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves".

Contact Details

- △ Suite 2
2 Richardson Street
West Perth WA 6005
Australia
Telephone: +61 8 9322 2752
Facsimile: +61 8 9322 2827
- △ PO Box 165
West Perth WA 6872
Australia
- △ info@avalonminerals.com.au
- △ andrew.munckton@avalonminerals.com.au
- △ www.avalonminerals.com.au