



EAST COAST MINERALS NL

SPP Presentation

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Level 10, 1 Margaret Street, Sydney, NSW 2000
PO Box R1967, Royal Exchange, NSW 1225
Australia

Office: +61 2 9262 2882

Fax: +61 2 9262 2885

www.eastcoastminerals.com

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Competent Person’s Statement

The information in this presentation that relates to Exploration Results is based on information compiled by Ed Mead who is a member of the Australian Institute of Mining and Metallurgy. Ed Mead is an Executive Director of East Coast Minerals NL and is contracted through Doraleda Pty Ltd. Ed Mead 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 2004 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Ed Mead consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Corporate Statistics



East Coast is an Australian based mineral exploration company listed on the ASX (“ECM”)

○ Market Capitalisation

- 25 November 2009 - \$5.1 million

○ Securities on Issue

- Fully Paid Shares 59,486,914
- Partly Paid Shares 41,717,538

(Fully paid 8 cents paid to 2 cents, with 6 cents to be paid at the directors election)

- Unlisted Options for Partly Paid “A” Shares 6,250,000
- Unlisted Options for Partly Paid Shares 53,000,000

(Exercise price of 9 cents, issued after 20 cent share price reached on the ASX. Shares are paid to 1 cent with 8 cents to be paid assuming that the 20 cents share price is reached)

○ Key Investors:

- Esperance Minerals 17.1%
- Gunsynd Investments 13.7%
- Pharlap Holdings 11.2%
- Exchange Minerals – largest holder of partly paid shares – approximately 40% and provider of funds for convertible note facility

○ Management and Board:

- Graham Libbesson (Chairman)
- Edward Mead (*Executive Director*)
- Sevag Chalabian (*Non-Executive Director*)
- John Hartigan (*Co Secretary*)

What is ECM?



ECM

Silver & Base Metals

80%

Gossan Dam

Applications Highly prospective for Base Metals

80%

Kurabuka Creek

Applications Highly prospective for Zinc

69.88%

Elizabeth Hill

Current resources 157,000 ounces up to 12 geophysical anomalies to be drill tested for Silver and Base Metals

Underground Coal Gasification

51%

Energie Future

*50%

CTL Technologies

Fischer Tropsch

Technology Provider

100%

Rawlins Project

Stage 1 Exploration Target 80-120 million tonnes of sub-bituminous coal

100%

Sydney Basin

Exploration target 28 billion tonnes of sub-bituminous to Anthracite (coking) coal

Acquisition ?

- * 50% owned with Raven Ridge Resources and Energy Technology Partner
- ** Ownership is subject to exercise of Option-Amount USD\$2 million and environmental bond of USD\$6 million
- *** Applications pending with Commonwealth

Corporate Strategy



- Develop the shallow Elizabeth Hill Silver Resource
- Drill test the Elizabeth Hill geophysical anomalies which are highly prospective for silver and base metals
- Develop the UCG potential in Energie Future and maintain 51% interest up to IPO
- Complete applications for Silver and Base Metals projects
- Acquire other Energy and Mineral opportunities



Silver and Base Metals

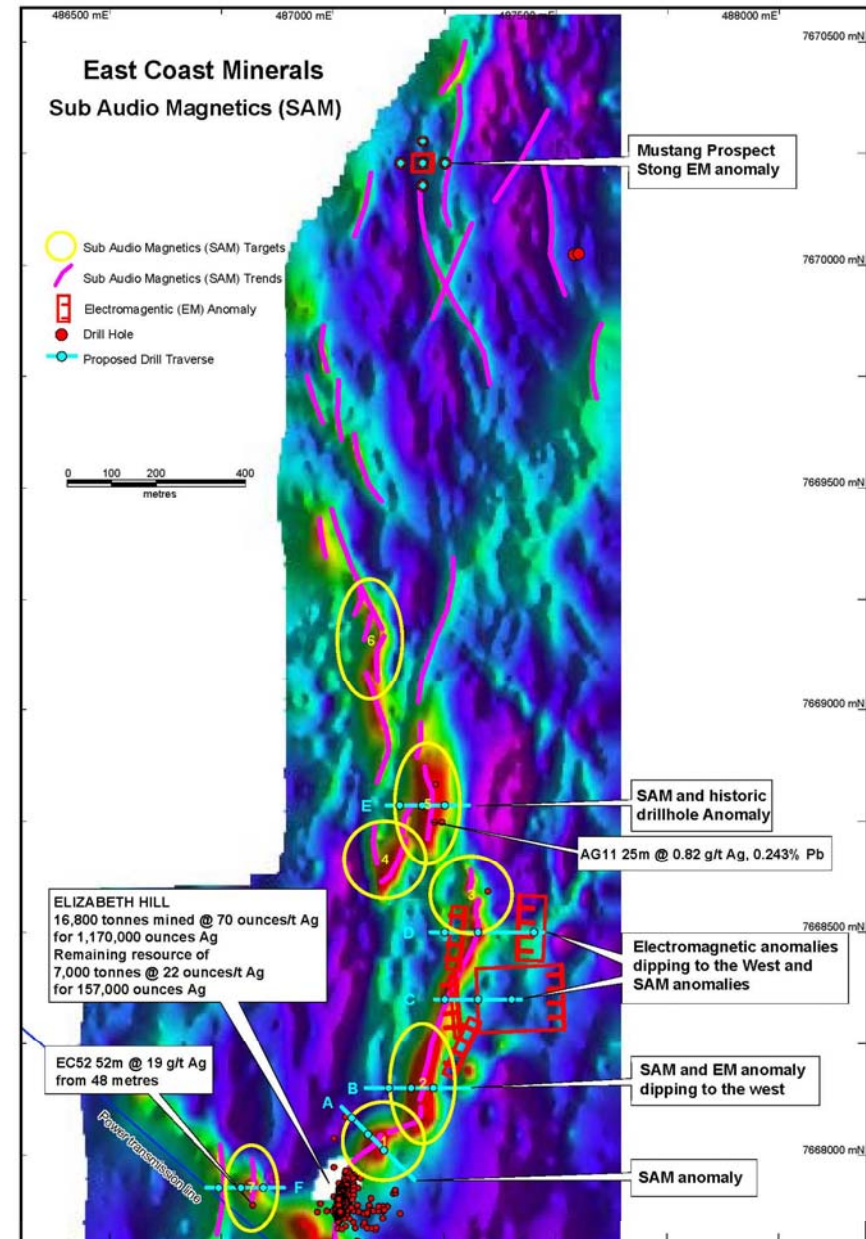


A Silver Nugget from Elizabeth Hill weighing in at 165kg

Elizabeth Hill^(69.88%) (silver & base metals)

Potential for repeats of Elizabeth Hill

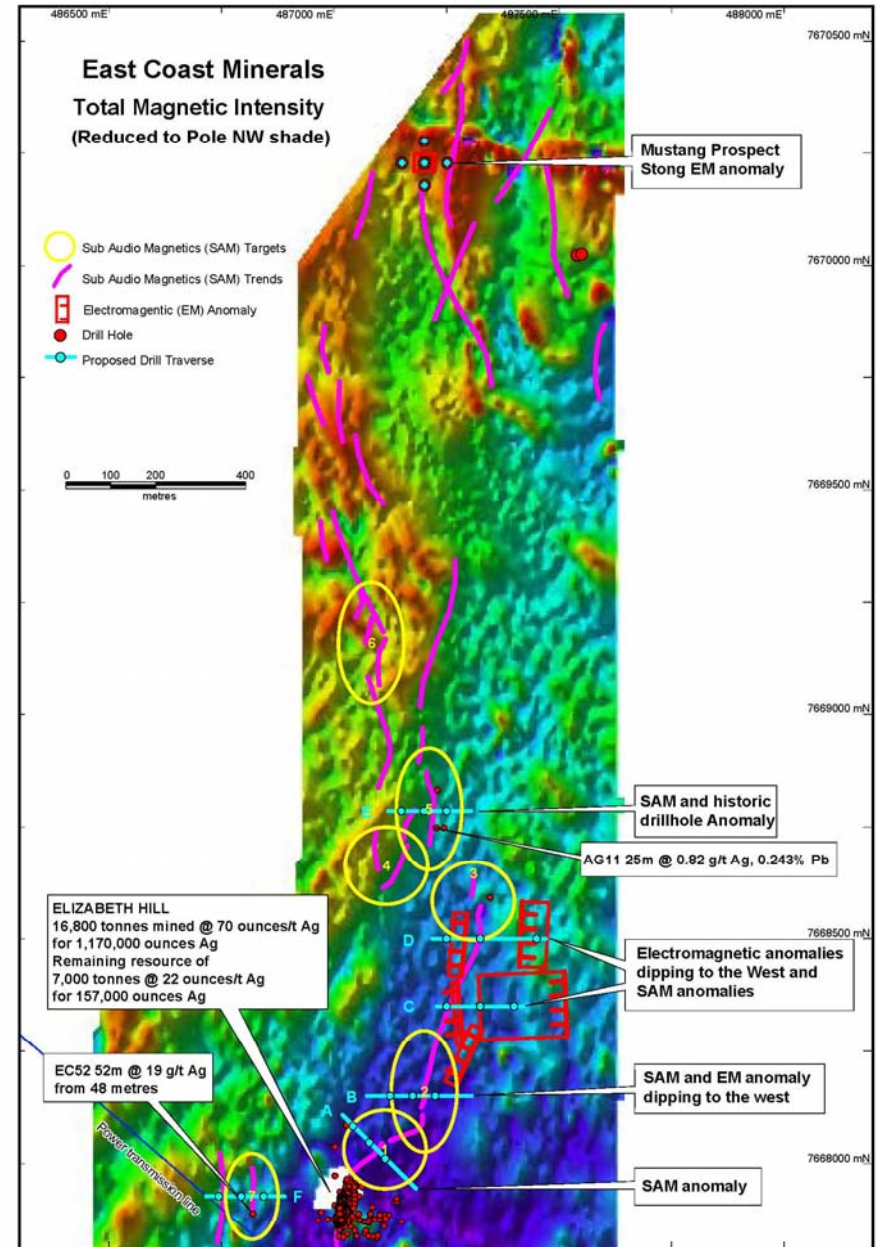
- Current Resources base of 7,000 tonnes @ 700 g/t silver (22 oz/t) (157,000 ounces at AUD\$18.5/oz is AUD\$2.9 million)
- Shallow depth increases potential for open pit mining
- 16,800 t @ 70oz/t silver (1.17 million ounces AUD\$18.5/oz is AUD\$21.6 million) mined underground by shaft in 1998
- 7 SAM anomalies with two historical drill holes near, but outside the anomalies having anomalous silver of 0.82 g/t and 19 g/t silver.
- SAM was also able to see the current remaining silver resource



Elizabeth Hill_(69.88%)

Good Base Metal Prospects

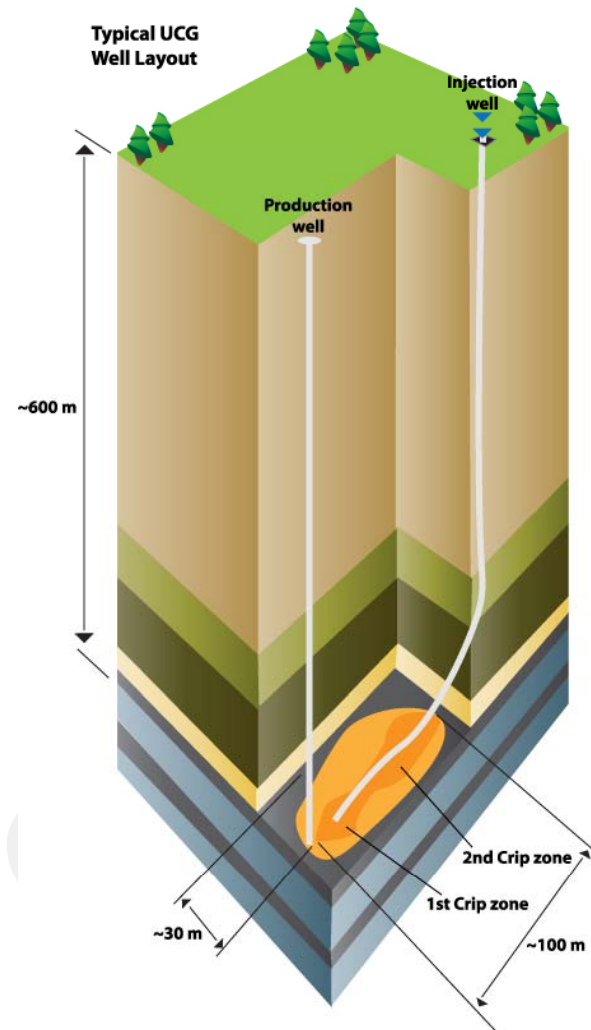
- 6 Electromagnetic anomalies identified less than 70m below surface.
- Shallow depth increases potential for open pit mining
- One EM anomaly (Mustang) is immediately adjacent to drilling by Fox Resources with copper (25m @ 0.52% Cu from 144m) and zinc (6.1m @ 3.1% Zn from 28.4m)
- All anomalies are on granted mining licenses
- Drilling of silver and base metal anomalies to start in early March 2010
- All approvals in place



Energie Future (51%)

How does Underground Coal Gasification (UCG) work

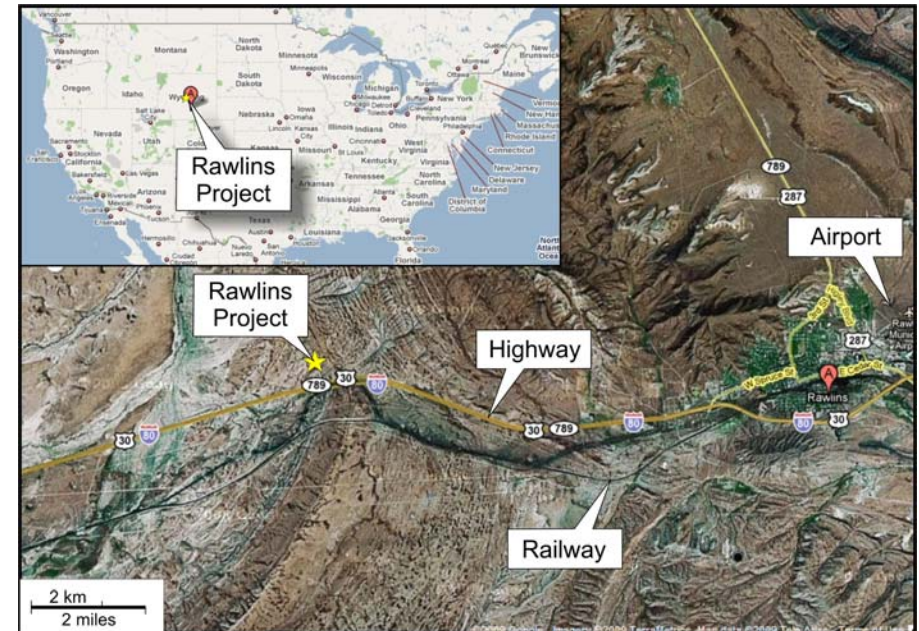
- Two wells are drilled into the coal seam
- Oxygen and steam are injected
- The coal is ignited
- The product gas (Syngas) is extracted via the production well
- Chemistry
 - $3C + H_2O + O_2 \rightarrow 3CO + H_2$
- Product gas can be processed to yield diesel, naphtha, ammonia, petrochemicals or generate electricity
- **How does UCG compare to Coal Seam Gas?**
 - UCG uses 80% of energy units in a coal field. CSG uses 8%. UCG retrieves 10 times the energy



Energie Future (51%)

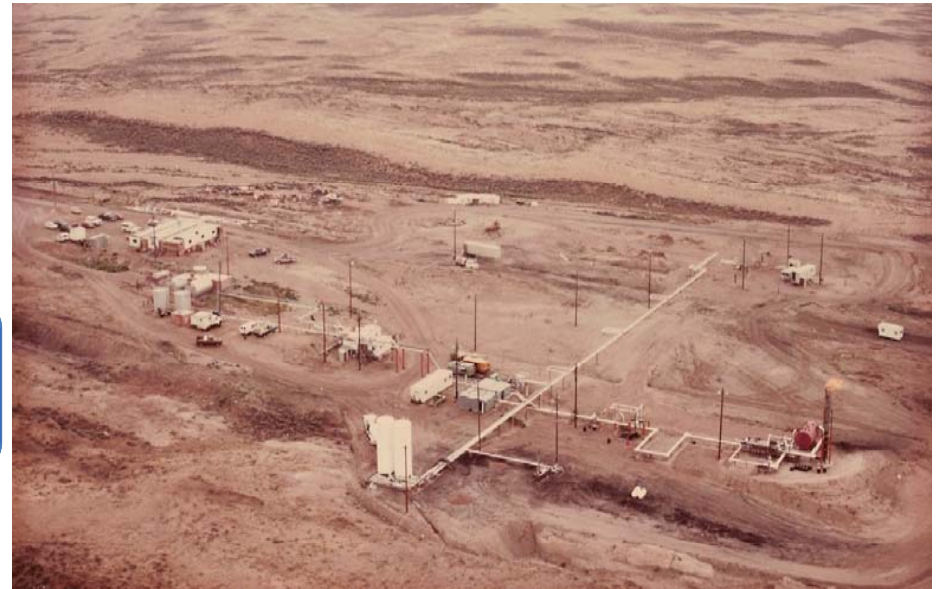
Advanced coal to liquids project at Rawlins, Wyoming, USA

- Central tenement optioned with contiguous tenements in process of being secured
- Rawlins is situated close to infrastructure
 - Project is 2 miles from major 8 lane state highway and rail
 - Pipe line to a petrochemical refinery runs through the tenement
 - Rawlins Township is 15 miles to the east and is a source of skilled labour as it supports the petroleum sector, including drilling
- JORC resource calculation underway for Rawlins.
 - Stage 1 Exploration target 80-100 million tonnes of sub-bituminous coal
 - Stage 2 Exploration target 300-500 Million tonnes of sub-bituminous coal



Energie Future (51%)

The commercialisation was flaring gas ready for processing



- Rawlins operated to commercialisation in 1996 but was shut due to a collapse in oil and gas prices
- Techno-Economic Feasibility Report (TEFR)(usually known as a Pre feasibility) is underway and due in March 2010
- Bankable Feasibility Study to take 12 months from March 2010
- The project needs updating to 2010 numbers from the 1996 BFS

Energie Future (51%)



The team that carried out the commercialisation in 1996 has been reassembled (the professionals have a 50% ownership in CTL Technologies)

- Geological / Pod Design/ Gas Production
 - **Ray Pilcher** - internationally recognised expert in coal bed/coal mine methane resource assessment, development and utilisation.
 - **James Marshall** - Certified Petroleum Geologist managed several detailed technical and economic assessments of methane recovery project opportunities at gassy coal mines, both in the United States and other countries.
 - **Dave Johnson** - Geologist 28 years in the petroleum and mining related industries.
- Gas Chemistry /Fischer Tropsch/Above Ground Engineering
 - **Alan Singleton** – Phd . World renowned expert in UCG and FT – Led Gulf Badger Process, developed catalysts for FT.
 - **Dick Flinn** – Phd – Chemical Engineer Extensive FT
 - **Rachid Oukaci** – Phd managed several F-T related research projects funded by the US Department of energy. Principal field of expertise is catalyst and process developments.

Energie Future (51%)



What the team has done in the past

- Their projects are benchmarks in the UCG industry

UCG Project	Type of Coal	Test	Duration
Rawlins 1 Wyoming	Steeply dipping bed	Trial	1 month duration, up to 70 tons per day
Rawlins 2 Wyoming	Steeply dipping bed	Commercial trial	3 month duration with gas utilisation up to 200 tons per day
Rawlins 3 Wyoming	Steeply dipping bed	Trial	Short test burns
Rocky Mountains 1	Flat seam	Demonstration	3 month defining work on CRIP up to 200 tons per day
New Zealand Huntly	Flat seam	Demonstration	A series of projects over a 10 year period ending in small test burn

Energie Future (51%)



The economics for producing Diesel from Coal at Rawlins based on the 1996 BFS (BFS is subject to further update)

o Stage 1:

Initial Production rate 1 million bbls diesel pa
(2700 bbls/day on CAPEX of USD\$150 million)

- 22 year lifespan on 30 million tonne Reserve.
- Pre tax Profit of \$1.5 billion (\$68 million pa) (Oil price \$80 plus 15% premium for diesel, Cost to produce 1 bbl diesel \$20-25, Profit margin USD\$70-75)

o Stage 2

Ramped up Production rate to 4.6 million bbls diesel pa
(12,700 bbls/day on CAPEX of \$555 million)

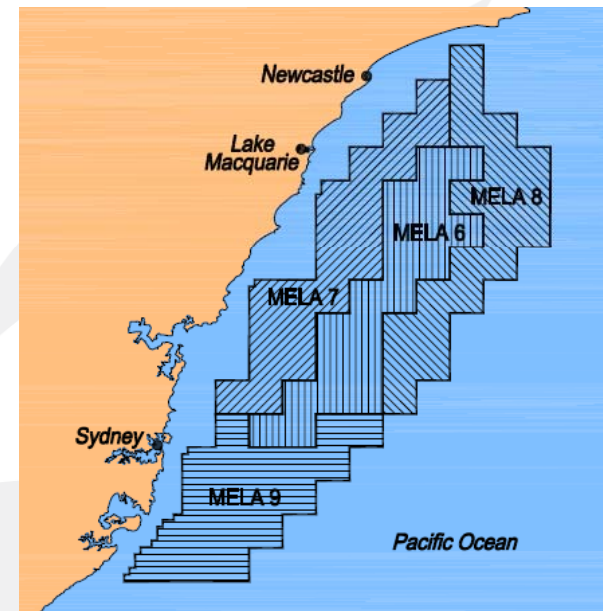
- 15 year lifespan on 100 Million tonne Reserve.
- Pre tax Profit of \$5 billion (\$325 million pa) (Oil price \$80 plus 15% premium for diesel, Cost to produce 1 bbl diesel \$20-25, Profit margin USD\$70-75)

Energie Future (51%)



The blue sky component for UCG in NSW or offshore coal mining

- Energie Future has lease applications for 6,000 km² in the Sydney offshore Coal Basin
- Exploration area extends from Wollongong to Newcastle
- Potential exists for Anthracite Coal to be mined offshore using modern borehole mining techniques
- Potential exists for the UCG of sub-bituminous coal
- Australian Department of Mineral Resources (ADMR) estimate (1981)
 - Exploration Target of 28 billion tons of sub-bituminous to Anthracite coal to a depth of 600 metres
 - Tonnage based on conventional 1981 mining techniques
- Other Australian assets are being negotiated



Energie Future (51%)



How does Energie Future and the Rawlin's Project compare to the current players in the UCG Industry

- Energie Future is well positioned with Tenure and Resources
- Energie Future has the people to make it happen
- We have a competitive advantage

Below are Australian listed companies which are referable to Energie Future:

	Energie Future	Linc Energy	Carbon Energy
Proposed Project	12,700 bbl per day Ultra Clean Diesel	Ultra Clean Diesel No Project Announced	"Zero Gen" 20 MWe
Time to First Production	4 years	5 Years +	2 Years to demonstration
Technology run successfully at commercial scale	Yes - one commercial pilot and three trials	No- but one trial at Chinchilla	No – but one trial at Bloodwood Creek
Own FT gas-to-liquids technology?	Yes	No - licensed from Syntroleum	No – Looking at power gen. operations

Why a 51% Investment in Energie Future and UCG?



The ability to monetise stranded and cheap assets into highly profitable assets



Rawlins is an advanced project with extraordinary potential profitability



The ability to produce several end products depending on local or global demand and price



The team that did it before at Rawlins are back on board to do it again for Energie Future



Rawlins will allow Energie Future to be financially independent and acquire further assets



Demand for “**clean green**” coal alternatives make UCG attractive

East Coast's Future Potential



Energie Future provides East Coast with:

- A ground floor entry into the UCG sector
- Potential of significant value creation for Shareholders
- Simple process- Coal mined using UCG and then refined using FT into diesel



Elizabeth Hill was extremely high grade at 2168 g/t (70 ounces/tonne) silver

- Potential exists for shallow extensions and repetitions based on recent geophysical anomalies
- Potential exists for base metals of copper and zinc with an extension of the VMS system from the north



Other Projects in the pipeline