ANNOUNCEMENT TO THE ASX
BASE METAL TARGETS IDENTIFIED AT ELIZABETH HILL
(East Coast 69.88% Legend Mining 30.12%)

7 August 2008

ABN 82 000 738 885

- **Geophysics identifies EM Anomalies**
- **Anomalies start at 30 metres below the surface**
- **Adjacent Drilling has identified Copper and Zinc mineralisation**

East Coast Minerals NL (ASX: ECM) is pleased to announce the results of a recent Fixed Loop Electromagnetic (FLTEM) geophysical survey. The survey has identified EM anomalies referred to as the Mustang Prospect (Figures 1 and 2). The Mustang Prospect anomalies sit on the northern portion of mining tenement M47/342 at the companies Elizabeth Hill project.

The Mustang Prospect sits between 2 Base metal Prospects (Conquest 1km to the southeast and Sunchaser 0.5km to the northwest) discovered by Fox Resources. Fox subsequently did limited drill testing of Sunchaser and Conquest and identified copper and zinc mineralisation. Best intercepts at Sunchaser were 6.1m @ 3.1% Zinc from 28.4m and at Conquest 25m @ 0.52% Copper from 144m. ECM is therefore encouraged by these drill results as the Mustang anomalies are within the same mineralising system.

Preliminary model results (Figures 2) for the shallower Mustang anomaly indicates a depth of 30m to the top of the conductor with a strike of 30m and a dip extent of 20m. Conductance is moderate to high and within the range of a reasonable base metal target (Zn, Ag, Pb, Cu). The FLTEM conductor anomalies appear to have a shallow to moderate E to NE dip.

Preliminary model results (Figures 2) for the deeper part of the Mustang anomalies indicate a depth of 250-300m with a strike of 200m and a dip extent of 100m. Conductance is not high but is within the range of a reasonable base metal target (Zn, Ag, Pb, Cu). The FLTEM conductor anomalies appear to have a shallow to moderate W to NW dip.

The shallower anomaly target is on the western side of the Munni Munni Fault and appears to be the southern extension of the Fox Resources Sunchaser Prospect and anomalies.

The deeper anomaly is on the eastern side of the Munni Munni Fault and is believed to be the down thrown side. The Munni Munni Fault is also the main controlling structure and apparent mechanism for the emplacement of the Elizabeth Hill Underground Silver Mine. The importance of this structure is yet to be fully understood but has shown to be mineralised

ECM intends to drill test Mustang and then complete Down Hole EM (DHTEM). This will refine the EM and aim to allow for better targeting.

ECM and it's Joint Venture Partner Legend Mining Limited are currently finalizing conditions for a heritage survey and will then submit a program of work. It is envisaged that drilling will be able to be undertaken within the next 6 months

A review of all exploration data is currently underway and further information on an exploration strategy will be formalized and announced in due course.

PO Box R1967 Royal Exchange NSW 1225 Australia
Telephone (612) 9262 2882 Facsimile (612) 9262 2885 Mobile (61) 413 757 182
e-mail richardsealy@optusnet.com.au

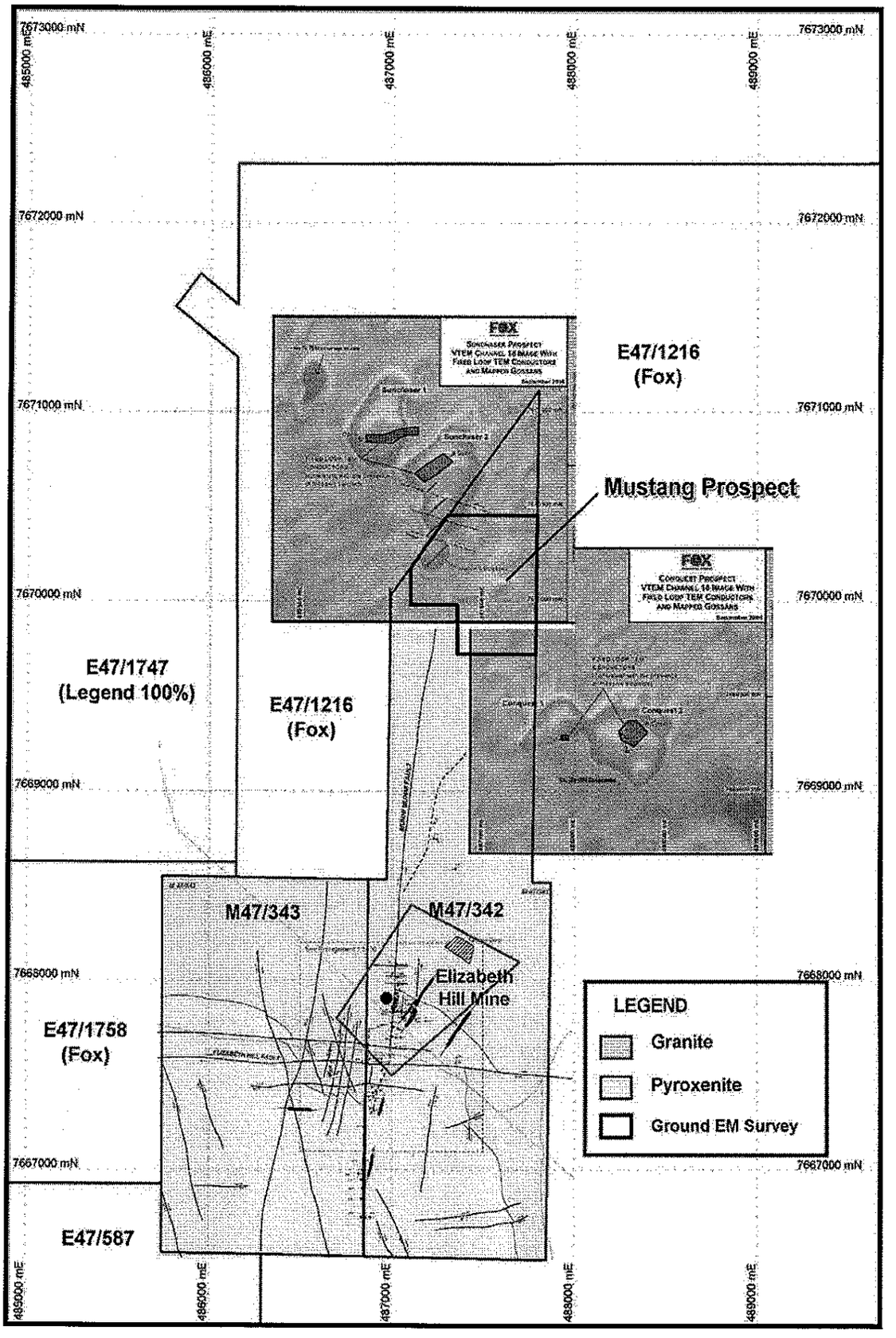

Figure 1: Tenement Location, Fox VTEM and Mustang Prospect EM Survey

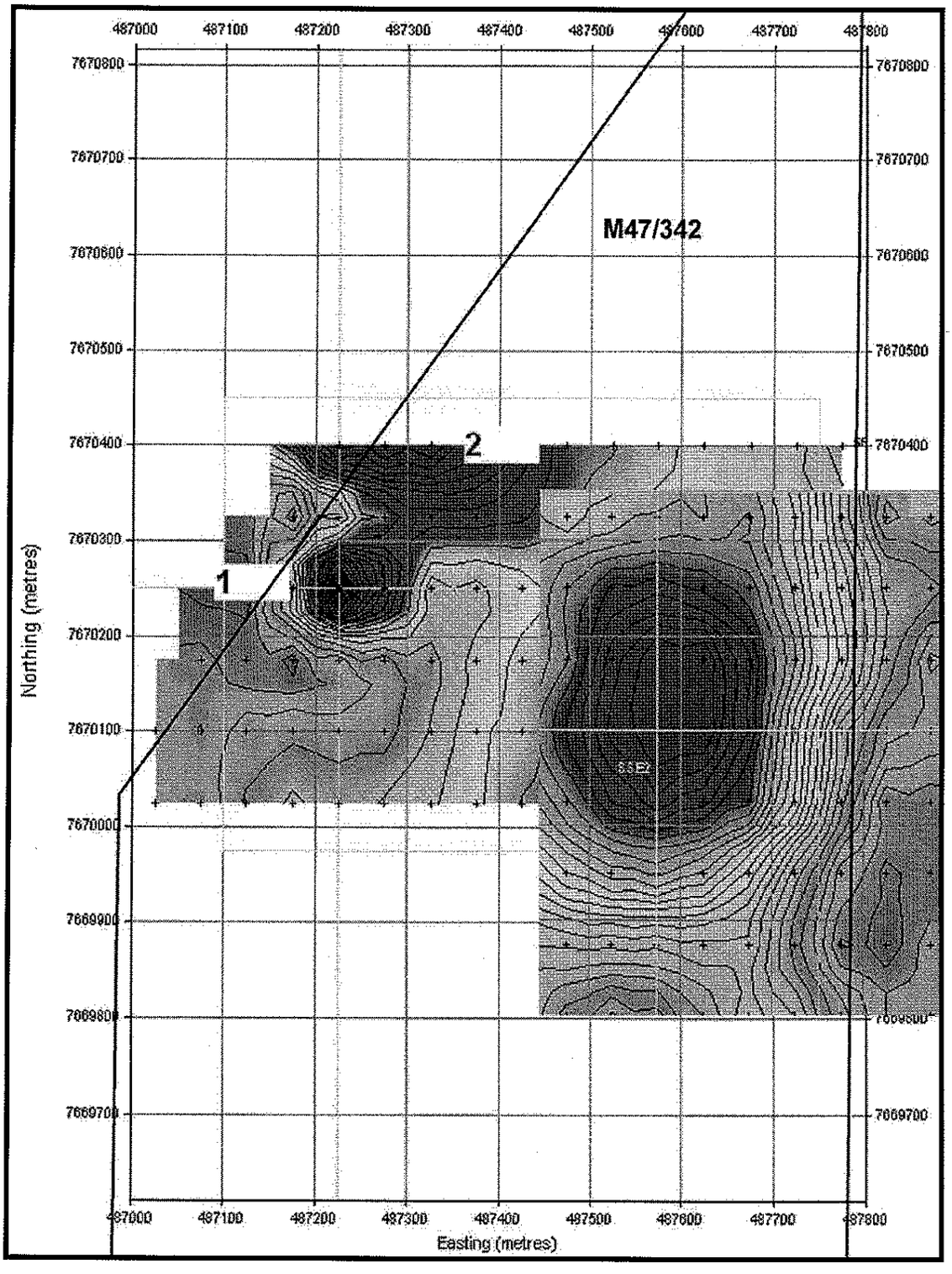

Figure 2: Mustang Prospect FLTEM Survey. Shallower targets identified by the numbers 1 and 2. The deeper target is the larger anomaly on the right of the image.

Background

The Elizabeth Hill project lies 40Km south of the town of Karratha in the West Pilbara region of Western Australia. The area is well serviced by infrastructure with daily flights from around Australia and by a bitumen road to within 10Km of the project area. Secondary roads to the project have been well maintained. Silver was mined from the Elizabeth Hill Underground Mine between 1998 and 2000.

Richard Sealy
Managing Director

The information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Ed Mead who is a consultant to the company and is a member of the Australasian Institute of Mining and Metallurgy. Mr 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'. Mr Mead consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.