

**ASX
ANNOUNCEMENT**

22 December 2006

**Thundelarra Exploration
Ltd**

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THUNDELARRA
EXPLORATION

COPPER ZINC PROJECT – SOPHIE DOWNS

Thundelarra Exploration Ltd (“Thundelarra”) advises the following results from our Sophie Downs Copper-Zinc project, covered by exploration licence E80/3673 located about 20 kilometres north of Halls Creek in the East Kimberley. The project includes the known base metal occurrences of Ilmars, Little Mt Isa and Gossan Y that host anomalous copper-zinc-lead mineralisation as shown on the attached map.

The mineralisation occurs in strongly folded and metamorphosed rocks of the Biscay formation in the Halls Creek Mobile Zone and locally associated with a calc-silicate unit. The mineralization appears to be focused along two parallel structural trends and previous exploration, and included rock chip, soil and stream sampling, as well as diamond core drilling during the late 1960’s and 1990’s that reported anomalous copper, lead and zinc mineralization along some 2,000 metres of inferred strike length. Historical rock chip sampling by Billiton Australia included zinc assays up to 32.6% but with low lead and copper values from the Ilmars Central Gossan area. Diamond drilling by Pickands Mather during the late 1960’s and reported by Billiton Australia indicated typical combined assays from DDH316 of 3% Lead + Zinc over 3.8 metres down-hole.

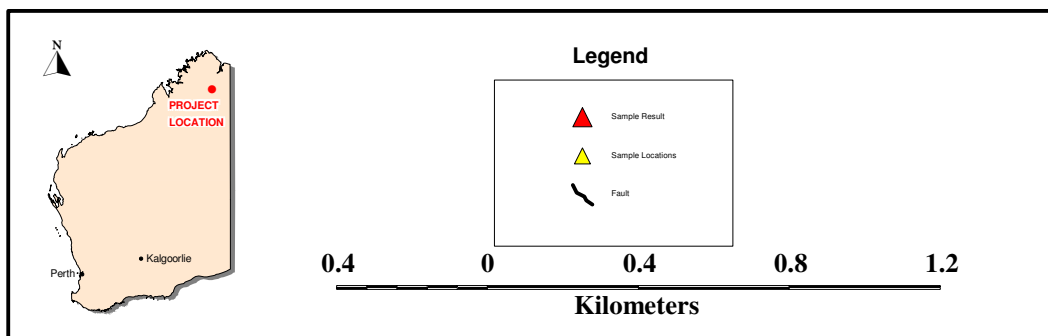
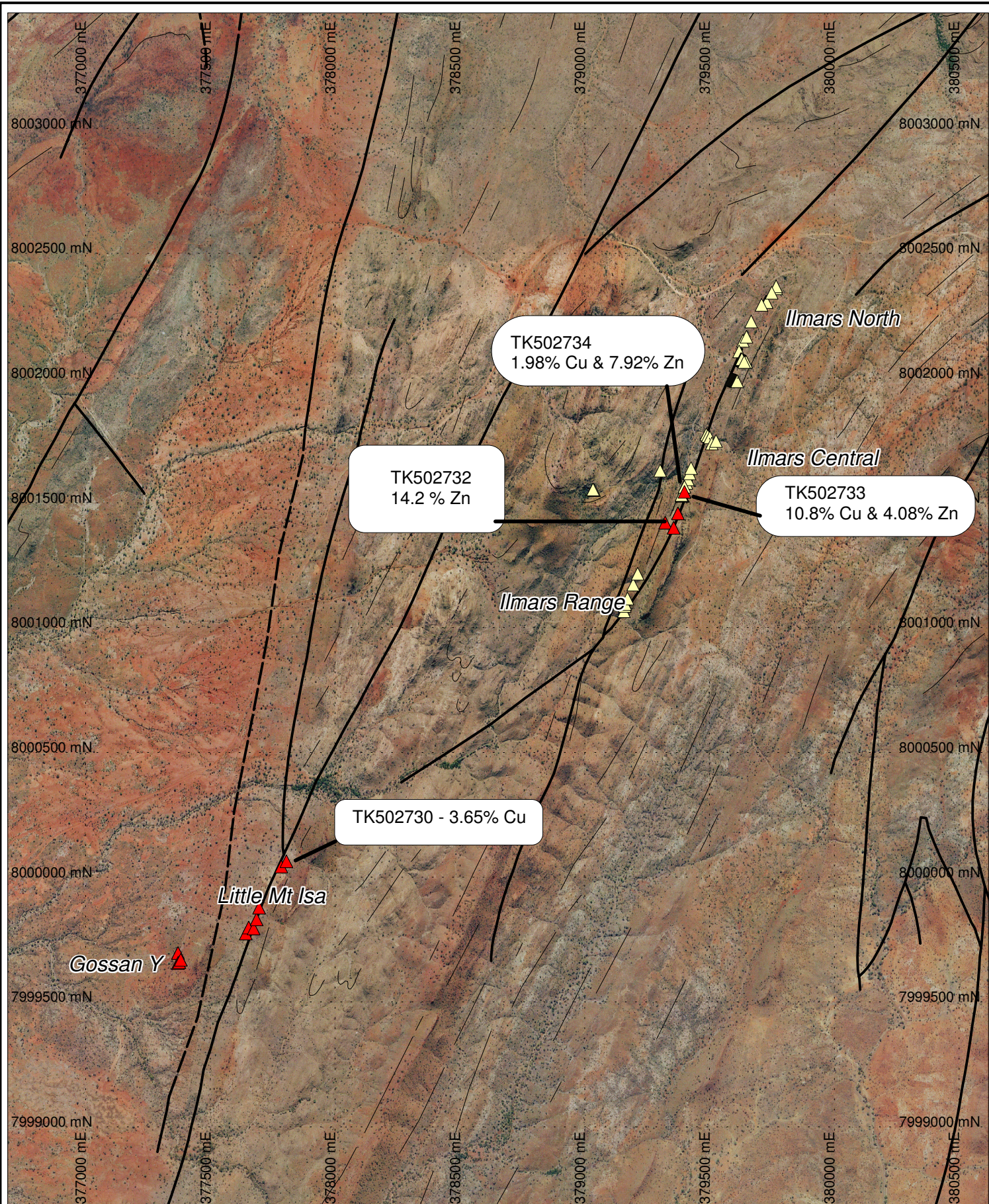
Thundelarra completed a short reconnaissance sampling program before the onset of the 2006 monsoon season and obtained 108 representative surface rock chip samples of the gossans and country rock. The following preliminary sample results have been received:


Sample No	Cu %	Zn %	Ag (ppm)	Location
TK502730	3.65	0.5	9	Little Mt Isa
TK502732	0.75	14.2	3.5	Ilmars Central
TK502733	10.8	4.08	22.5	Ilmars Central
TK502734	1.98	7.9	77	Ilmars Central

The mineralisation is known to extend down dip but deep drilling by Pickands Mather only tested the inferred zone at a nominal 400-500 metre spacing along strike.

Further results will be reported as they come to hand. Exploration for the 2007 dry season will include fill in drill testing, geophysical surveying including the latest EM techniques. Thundelarra will continue exploration at the Lamboo platinum, gold and nickel project some 55 kilometres to the south of Sophie Downs. The drilling rigs and equipment required will be rotated around these and other projects throughout the Kimberley region of Western Australia.

The details contained in this report that pertain to ore and mineralisation is based upon information compiled by Mr Louie Hissink, a full-time employee of the Company. Mr Hissink is a Member of the Australian Institute of Geoscientists (AIG) 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 December 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Hissink consents to the inclusion in this report of the matters based upon his information in the form and context in which it appears.



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SOPHIE DOWNS Cu Zn PROJECT Preliminary Rock Chip Assays	
Drawn By: LAGH	Plan No.: EKB1047
Checked by: LAGH	Date: 22/12/2006
Projection: AGD84 Zone 52	Scale: 1:20,000 at A4