



# KORAB RESOURCES LIMITED

KORAB HOUSE

[www.korab.com.au](http://www.korab.com.au)

Wednesday, 3 March 2010

## ASHBURTON DOWNS COPPER PROJECT HIGHLIGHTS

- Previous work identified extensive VMS-style copper and gold mineralisation
- Diamond drilling samples grade up to 1.32 % copper
- Rock chip samples grade up to 10.1 % copper and 29 g/t gold
- Project includes several historical small-scale but high-grade copper mines

## ASHBURTON DOWNS COPPER MINERALISATION

The project consist of a single exploration licence application covering an area of 380 km<sup>2</sup> which is held by Australian Copper P/L (a wholly owned subsidiary of Korab). Australian Copper will operate the project. Korab's interest in Ashburton Downs project stems from the presence of extensive copper and gold mineralisation within the project area as evidenced by mining and exploration work completed to date.



Copper in main Mt Elephant gossan

The principal focus of past exploration has been evaluation of the Mt. Elephant gossan which is anomalous in copper and gold. Main Mt. Elephant gossan crops out as a linear ridge 500 metres long and up to 15 metres wide. Field visit evidenced considerably more strike length of gossanous outcrop

ASX  
KOR  
Last price  
AU¢ 34

BERLIN  
C6S.BE  
Last price  
€ 0.22

Issued capital  
78.5 million shares

Market capitalisation  
AU\$ 27 million  
€ 17 million



LEVEL 1, SUITE 6, 100 MILL POINT ROAD, SOUTH PERTH, WA, 6151 AUSTRALIA  
PO BOX 195, SOUTH PERTH, WA, 6951 AUSTRALIA  
TEL (08) 9474 6166 FAX (08) 9474 6266  
ACN 082 140 252





# KORAB RESOURCES LIMITED

## KORAB HOUSE

[www.korab.com.au](http://www.korab.com.au)

north-west and south-east of Mt. Elephant main gossan with significant outcrops over a 2km strike length. For the location map of the Mt Elephant gossan, drill collars and rock chip samples please see diagram on page 5.



**Magnetic unit at Ashburton Downs project – Mt. Elephant prospect**

Rock chip values from the main Mt Elephant gossan included 29 g/t gold and 10.1% copper in separate samples. The best results from rock chip sampling of the gossan include:

- 10.1% Cu, 7.4 g/t Ag, 258 ppm Ni, 194 ppm Zn
- 2,040 ppm Cu, 29 g/t Au, 105 ppm Pb, 149 ppm Zn
- 1,200 ppm Cu, 171 ppm Ni, 251 ppm Zn
- 3,450 ppm Cu
- 3300 ppm Cu
- 1,550 ppm Cu
- 1,520 ppm Cu

The highest results from diamond drilling include:

- DDH1 3.7 metres at 1.32% copper from 105 metres depth, drilling intersected ankerite, chalcopryite and pyrite
- DDH3 2.7 metres at 0.89% copper from 34 meters depth, drilling intersected ankerite, chalcopryite and pyrite
- DDH2 2.9 metres at 1.32% copper from 82 metres depth, drilling intersected ankerite, chalcopryite and pyrite

At the Green Elephant and East Elephant prospects located south and south-east of the main Mt. Elephant gossan soil and rock chip sampling have returned results of up to a maximum of 848 ppb gold and 4.58% copper. The footwall and hanging wall have boudins of ferruginous quartz within

ASX  
KOR  
Last price  
AU¢ 34

BERLIN  
C6S.BE  
Last price  
€ 0.22

Issued capital  
78.5 million shares

Market capitalisation  
AU\$ 27 million  
€ 17 million



LEVEL 1, SUITE 6, 100 MILL POINT ROAD, SOUTH PERTH, WA, 6151 AUSTRALIA  
PO BOX 195, SOUTH PERTH, WA, 6951 AUSTRALIA  
TEL (08) 9474 6166 FAX (08) 9474 6266  
ACN 082 140 252





# KORAB RESOURCES LIMITED

## KORAB HOUSE

[www.korab.com.au](http://www.korab.com.au)

course greywacke and felsic tuffaceous volcanics. The quartz/hematite/limonite body appears to dip steeply north and trends subparallel to stratigraphy, although there is evidence that it slightly cross cuts. It is mostly massive and bland but occasionally has very Fe rich gossanous bands that contain malachite (CuCO<sub>3</sub>) in part.

Anomalous copper occurs as sediment hosted stratiform copper in grey sandstones. Chalcopyrite, surrounded by possible chalcocite or bornite occurs as impregnations between quartz grains. Chrysocolla and malachite are typically found in the oxidized zone. The sandstones are intensely altered within the mineralization zone and secondary silicification is present.

Characteristics indicate that the mineralization is of volcanogenic massive sulphide (VMS) type. Splay faults with a northwest orientation are common and appear to control the bulk of the mineralization located to date. Australian Copper's first stage of the exploration program will include airborne geophysical survey to delineate drill targets at depth, the second stage will include drill testing of these targets and further drilling of already defined copper and gold anomalies.



Main Mt. Elephant gossan

### ASHBURTON DOWNS GEOLOGY

Ashburton Downs Project is located in the Ashburton Basin of Western Australia. Ashburton Basin rocks form a broad west-northwest-trending belt in the central part of Turee Creek. Areas of tightly folded mudstone and sandstone give rise to strike-ridge topography of low to moderate relief. Gently undulating hills of low relief occur where folds are open and the proportion of mudstone is high. Within the prospect area, the Wyloo Group comprises greywacke, mudstone, siltstone, sandstone with minor interbedded conglomerate, dolomite, mafic volcanic rocks and BIF folded into a tight

ASX  
KOR  
Last price  
AU¢ 34

BERLIN  
C6S.BE  
Last price  
€ 0.22

Issued capital  
78.5 million shares

Market capitalisation  
AU\$ 27 million  
€ 17 million



LEVEL 1, SUITE 6, 100 MILL POINT ROAD, SOUTH PERTH, WA, 6151 AUSTRALIA  
PO BOX 195, SOUTH PERTH, WA, 6951 AUSTRALIA  
TEL (08) 9474 6166 FAX (08) 9474 6266  
ACN 082 140 252





# KORAB RESOURCES LIMITED

## KORAB HOUSE

[www.korab.com.au](http://www.korab.com.au)

series of folds striking west-northwest. The host structure is a broad west-northwest-trending belt in the central part of the Turee Creek area.

The Ashburton Basin corresponds to the present day outcrop of the Wyloo Group. It comprises a 12 kilometre thick succession of low-grade, metasedimentary and metavolcanic rocks. Previous exploration in the project area has been successful in locating copper and gold mineralization at the Mt. Elephant gossan, and the Green and East Elephant prospects.

Past exploration of the prospects for copper and gold included soil sampling, rock-chip sampling, diamond drilling, remote sensing, ASTER satellite image interpretation, aerial geophysics and ground geophysics. Work planned for the first year includes logging of previous exploration data, detailed geological and geophysical mapping, airborne and ground based geophysical surveys and their interpretation to generate drill targets. This is to be followed by drilling of these targets and further drilling of previously defined copper and gold anomalies.

### ABOUT KORAB RESOURCES LIMITED

Korab Resources Ltd is an Australian mining and exploration company based in Perth with operations in Australia and Europe. Korab's quarrying and mining projects include rock phosphate, gold, silver and magnesium. More information about Korab's gold projects can be sourced from recent ASX announcements. The company also manages exploration projects in Western Australia and the Northern Territory. For more information about Korab please visit our website at [www.korabresources.com.au](http://www.korabresources.com.au) Korab's shares are traded on Australian Securities Exchange (ASX) and on the Berlin Stock Exchange (Berliner Börse).

### CONTACT:

Andrej K Karpinski, Executive Chairman - Australia: (08) 9474 6166, International: +61 8 9474 6166

**Competent Person:** The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Malcolm Castle, who is an independent geological consultant and is a corporate member of The Australasian Institute of Mining and Metallurgy. Malcolm Castle has in excess of 5 years 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'. Malcolm Castle consents to the inclusion in the report of the matters based on his information in the form and context in which it appears

ASX  
KOR  
Last price  
AU¢ 34

BERLIN  
C6S.BE  
Last price  
€ 0.22

Issued capital  
78.5 million shares

Market capitalisation  
AU\$ 27 million  
€ 17 million



LEVEL 1, SUITE 6, 100 MILL POINT ROAD, SOUTH PERTH, WA, 6151 AUSTRALIA  
PO BOX 195, SOUTH PERTH, WA, 6951 AUSTRALIA  
TEL (08) 9474 6166 FAX (08) 9474 6266  
ACN 082 140 252





# KORAB RESOURCES LIMITED

KORAB HOUSE

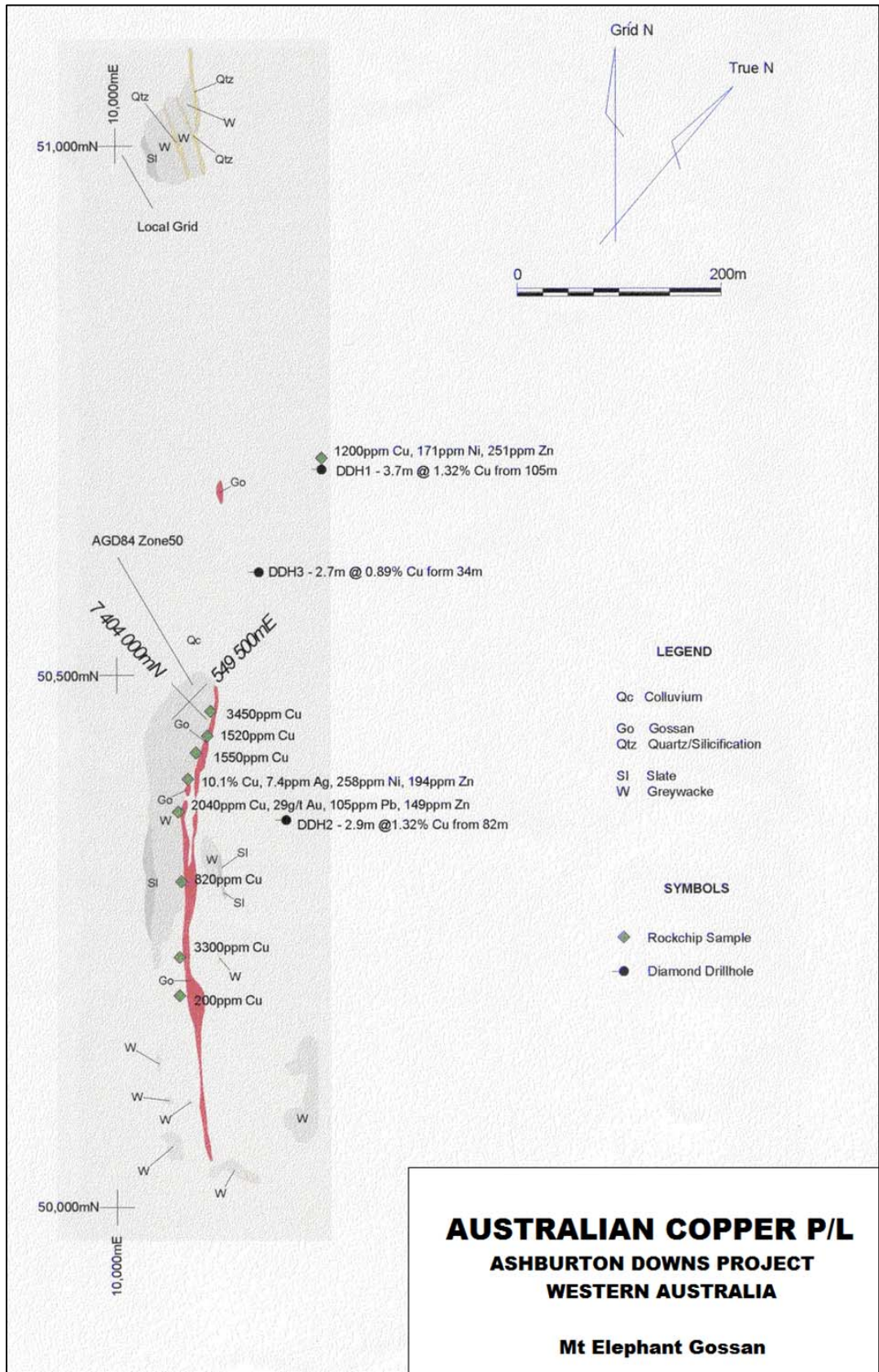
[www.korab.com.au](http://www.korab.com.au)

ASX  
KOR  
Last price  
AU¢ 34

BERLIN  
C6S.BE  
Last price  
€ 0.22

Issued capital  
78.5 million shares

Market capitalisation  
AU\$ 27 million  
€ 17 million



LEVEL 1, SUITE 6, 100 MILL POINT ROAD, SOUTH PERTH, WA, 6151 AUSTRALIA  
PO BOX 195, SOUTH PERTH, WA, 6951 AUSTRALIA  
TEL (08) 9474 6166 FAX (08) 9474 6266  
ACN 082 140 252

