

**ASX: ENR** 

#### **Greenfields Copper Discovery in WA**



AMEC Convention 29 June 2011

### **Corporate Information**

**Board** Paul Chapman - Chairman

Will Robinson - Managing Director

Peter Bewick - Exploration Director

Jon Hronsky - Non-Executive Director

Kevin Hart / Dan Travers - Company Sec.

**Issued Capital:** 99.3m Ordinary Shares

6.7m Employee Options

**Market Cap:** \$102m @ \$1.03/share

**Cash (31/3/11):** \$8.3m

# **Company Snapshot – Diversified Explorer**



Copper

High grade

discovery at BM1

Potential new copper province



Manganese

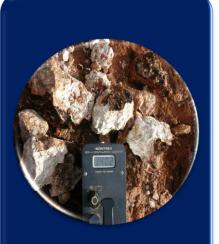
Near surface +20% Mn

Multiple targets



Zinc

Assays up to 28% Zn, 2.3% Pb, 34g/t Ag



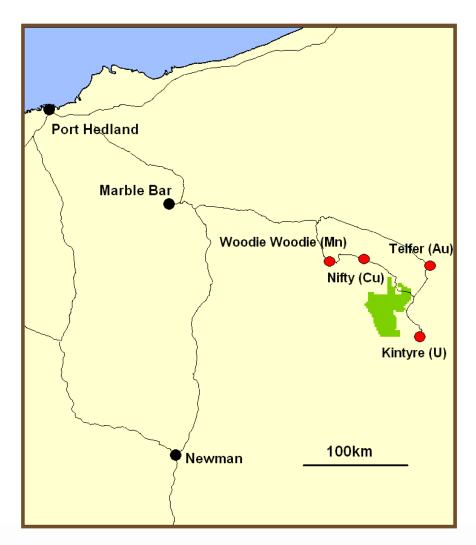
Uranium

11 million lbs near surface U<sub>3</sub>O<sub>8</sub> Inferred Resource

- Exploring for "Major New Mineral Discoveries"
- Experienced, dedicated and professional team

# Yeneena Project – Paterson Province (WA)

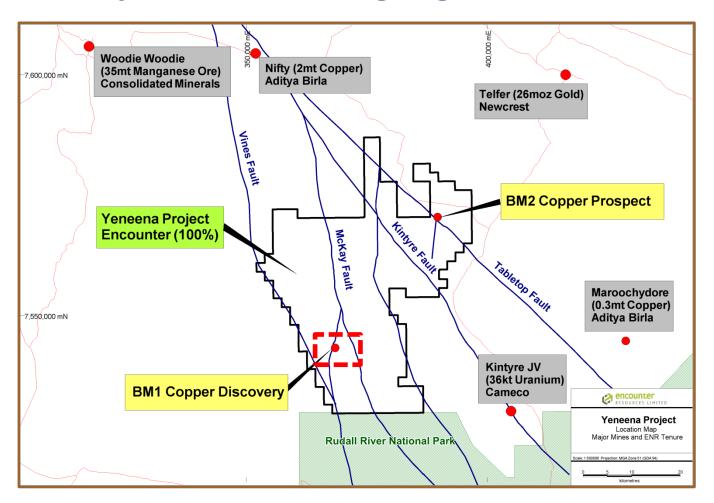
- Major land position in highly endowed mineral belt
- 100% ownership (1300 km²)
- Multiple commodity targets
- Good infrastructure
- \$5m exploration program in 2011



# Yeneena Project – Field Camp



# Major land position amongst giant mineral deposits

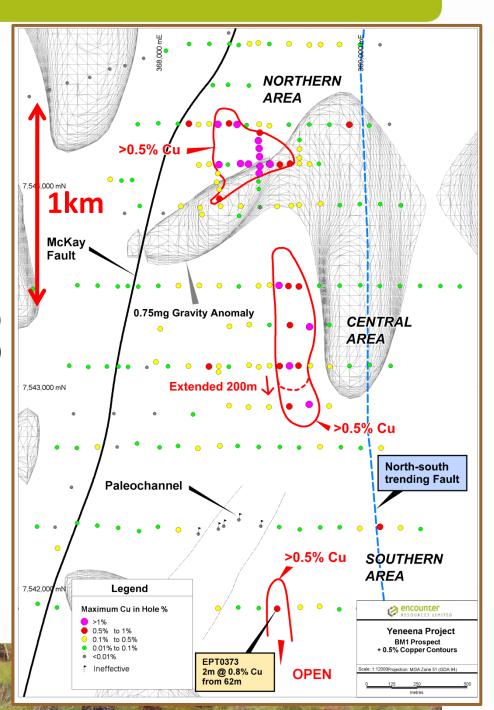


...potential for multiple copper deposits under sand cover

#### **BM1 Copper Discovery**

- Multiple thick, near surface intersections grading over 1% copper
- Copper system +3.5km long and open
- Coherent zones of near surface copper mineralisation
  - 10m @ 6.8% Cu from 32m (incl. 3m @ 12.3% Cu)
  - 20m @ 2.0% Cu from 22m (incl. 12m @ 3.2% Cu)
  - 12m @ 1.5% Cu from 16m (incl. 2m @ 2.7% Cu))
  - 8m @ 3.6% Cu from 18m (incl. 2m @ 7.6% Cu)
  - 4m @ 5.5% Cu from 66m
- Highly anomalous cobalt and silver 14m @ 0.5% Co, 3m @ 156g/t silver
- Deep drilling to target potential primary copper sulphide source



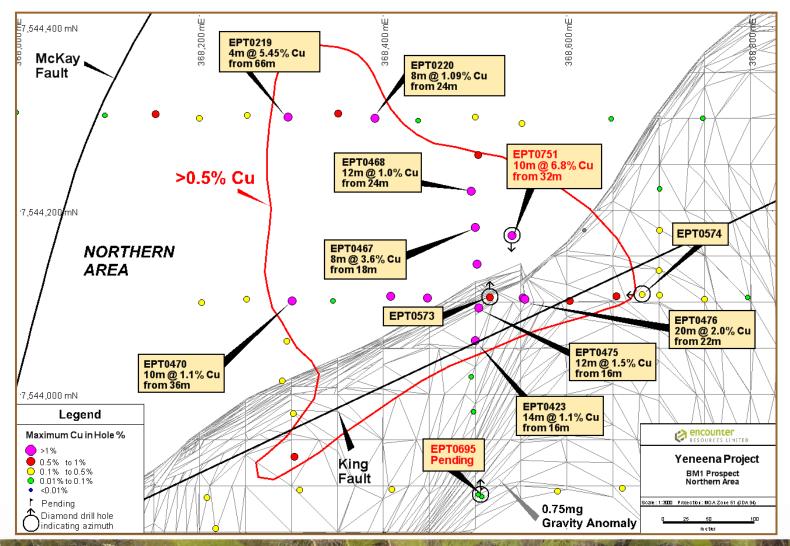


# BM1 Drillhole EPT751 – 10m @ 6.8% Cu

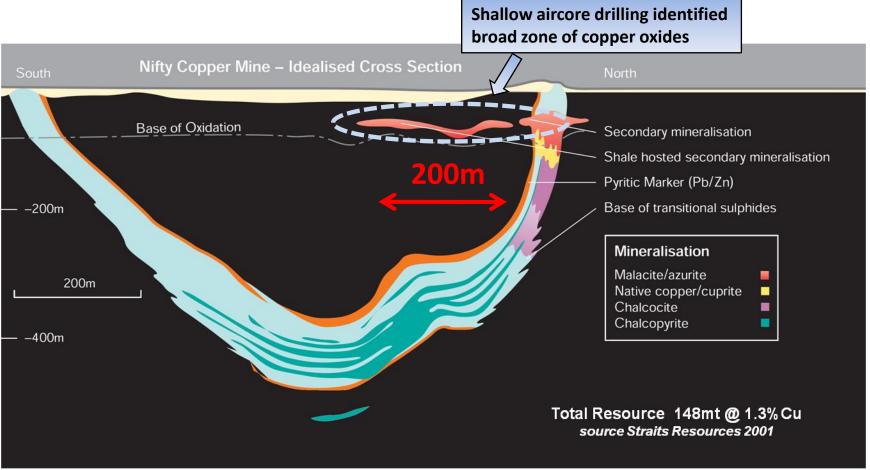


Photo EPT751 - Mineralisation 32.6m to 38.8m

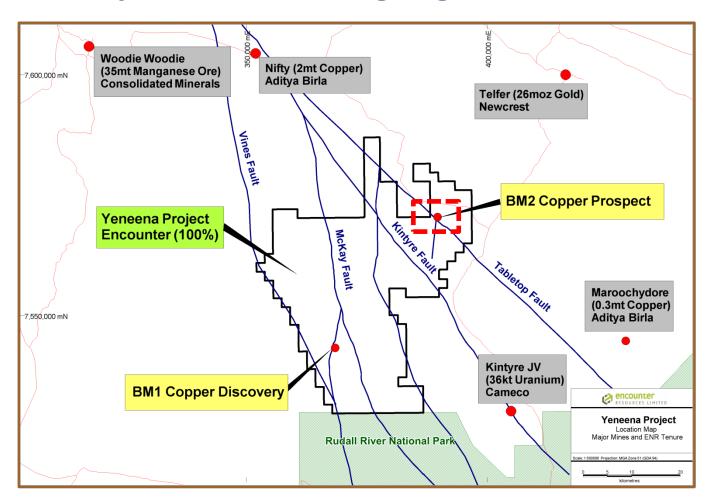
# **BM1 Copper Discovery – Northern Area**



**Nifty Copper Deposit** 



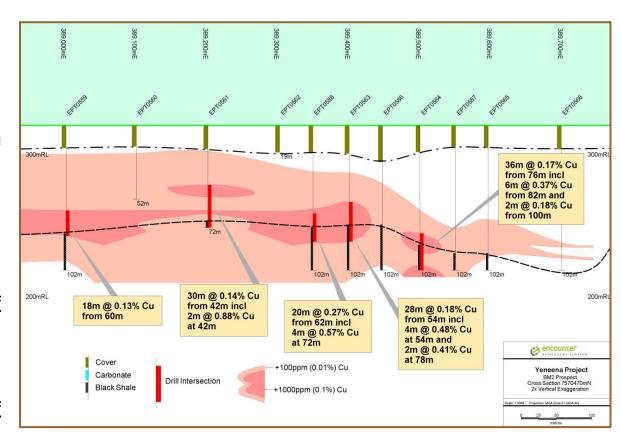
# Major land position amongst giant mineral deposits



...potential for multiple copper deposits under sand cover

#### **BM2 – Second Copper System**

- Shallow drilling has confirmed a mineralised copper system
- Extensive copper regolith enrichment continuous over a large area
- Several of the shallow holes terminated in anomalous copper
- 30m @ 0.14% Cu from 42m to end of hole including 2m @ 0.88% Cu
- 28m @ 0.18% Cu from 54m including
   4m @ 0.48% Cu & 2m @ 0.41% Cu
- 36m @ 0.17% Cu from 76m to end of hole including 6m @ 0.37% Cu
- 20m @ 0.27% Cu from 62m including
   4m @ 0.57% Cu



The grade and continuity of the initial results are similar to the early results obtained at BM1

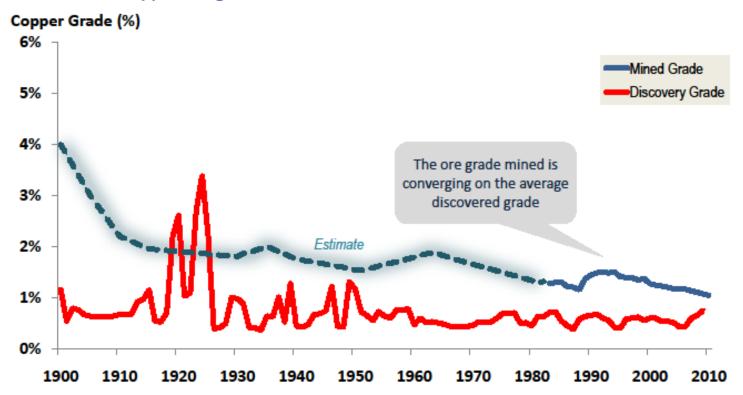


# 2011 Major Copper Exploration Program (\$5m)

- BM1:
  - Aircore/RC drill program for additional near surface copper
  - Diamond drill program testing multiple targets for primary copper
- BM2 follow up aircore / diamond drill program
- T4 Target (Yeneena) WA Govt co-funded diamond drilling
- Airborne EM (VTEM)— BM1, BM5, T4

# **Quality copper resources in short supply**

Copper ore grade discovered and mined in the World: 1900-2008



WARNING: The definition of what is economic ore has changed over time. The estimated discovery grade is based on the latest available resource figures – which is much larger (but often lower grade) than that originally reported at the time of discovery

Sources: USGS, Mudd (2009) Brook Hunt, UBS

MinEx Consulting

Strategic advice on mineral economics & exploration

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#### **Yeneena Copper Discovery**

- New <u>greenfield</u> copper discovery made in 2010
- Early stage indications of a potential new copper province
  - High drilling success rate
  - Large mineralisation footprints
  - Thick, high grade intersections
- Land position secured (1300km², 100% owned)
- Major diamond and aircore/RC drill program in progress

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