

# Helix Resources Limited



*"Unlocking value through exploration and development"*



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The information that relates to Exploration Results, Mineral Resources or Ore Reserves on these projects is based on information compiled or reviewed by Mr M Wilson who is a full time employee of Helix Resources Limited and a Member of The Australasian Institute of Mining and Metallurgy. Mr M Wilson 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 M Wilson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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# Company Snapshot

Listed on ASX  
Shares on issue: 152 Million (Top 20 Shareholders - 56%)  
Listed Options: 53 Million (5c expiring 31 May 2011)  
Market Capitalisation: \$20 Million  
Cash at 31 Dec '10: \$4.5 Million

## Directors:

Greg J Wheeler  
Michael Wilson  
John Den Dryver  
Gordon Dunbar

Executive Chairman  
Executive Technical Director  
Non Executive Director  
Non Executive Director

Corporate  
Geologist  
Mining Engineer  
Geologist

Gold, Copper, Iron Ore in Australia and Chile  
Defined resources & aggressive exploration budget for 2011.



# Project Locations

## Australia



Perth Head Office  
Technical Director  
Exploration Manager  
2 Project Geologists

## Chile



Central NSW  
Copper / Gold Projects

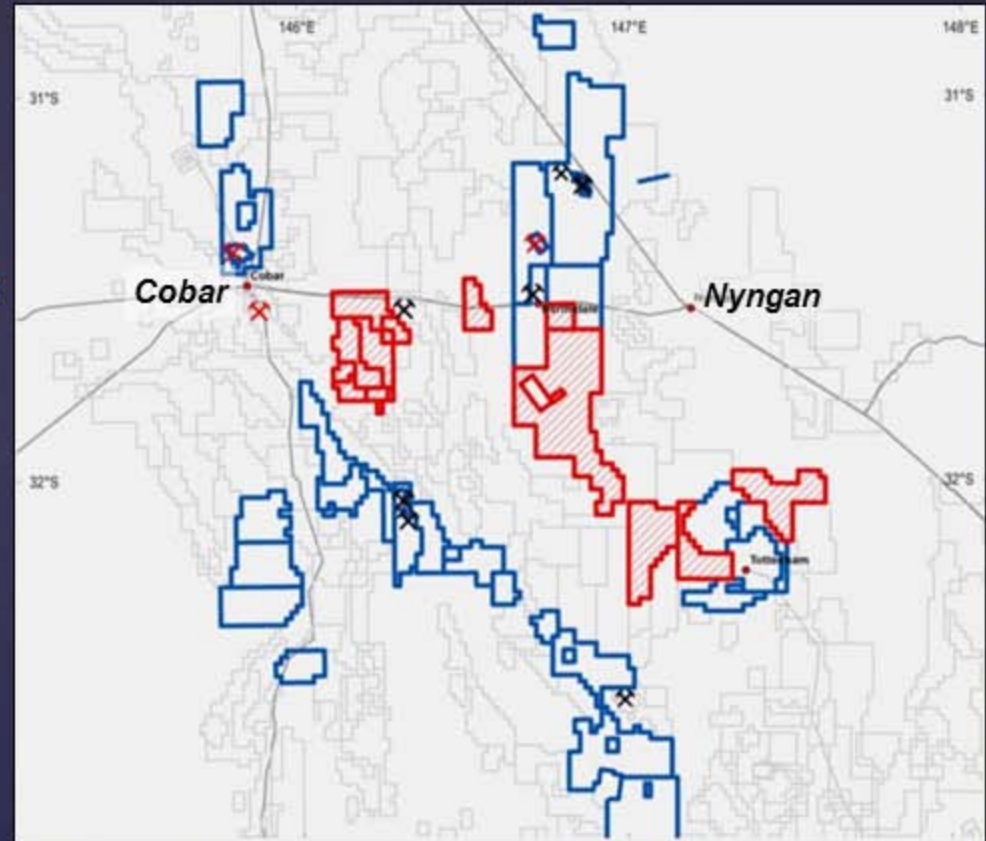
General Manager  
Exploration Manager  
Senior Geologist



# NSW Copper – Gold Projects

## Why Central NSW?

- ❖ Operating mines
- ❖ Excellent infrastructure
- ❖ History of discovery & mining of Cu/Au
- ❖ Under explored
- ❖ Ability to obtain significant land position in 2008-09.



- ❖ Producing Mines
- ❖ Mines or Projects in Development
- ❖ Helix Resources Tenements (Incl. JVs)
- ❖ Other Leaseholders
- ❖ Major Leaseholders –  
Straits, Glencore, Oz Minerals, Mincor, YTC



# Advancing Projects

## Western Girilambone Tenements

### *Restdown JV*

#### ❖ Significant first pass drilling at Sunrise and Good Friday Prospects

- Results incl. 13m @ 4.2g/t Au and 18m @ 2.3 g/t Au
- RC Drill program +5000m underway

### *Canbelego JV*

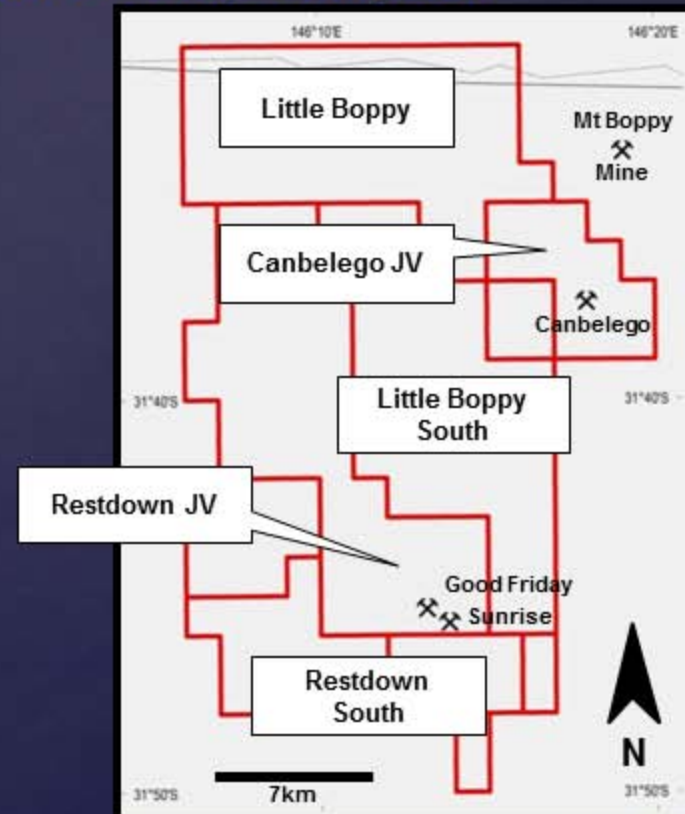
#### ❖ Inferred Resource - 1.5Mt @ 1.2% Copper

- Mineralisation open along strike & down dip
- Drill testing sub-parallel EM Conductor - 1H11

### *Other Projects*

#### ❖ Surrounding tenements – 100% HLX

#### ❖ Covering extensions to mineral systems

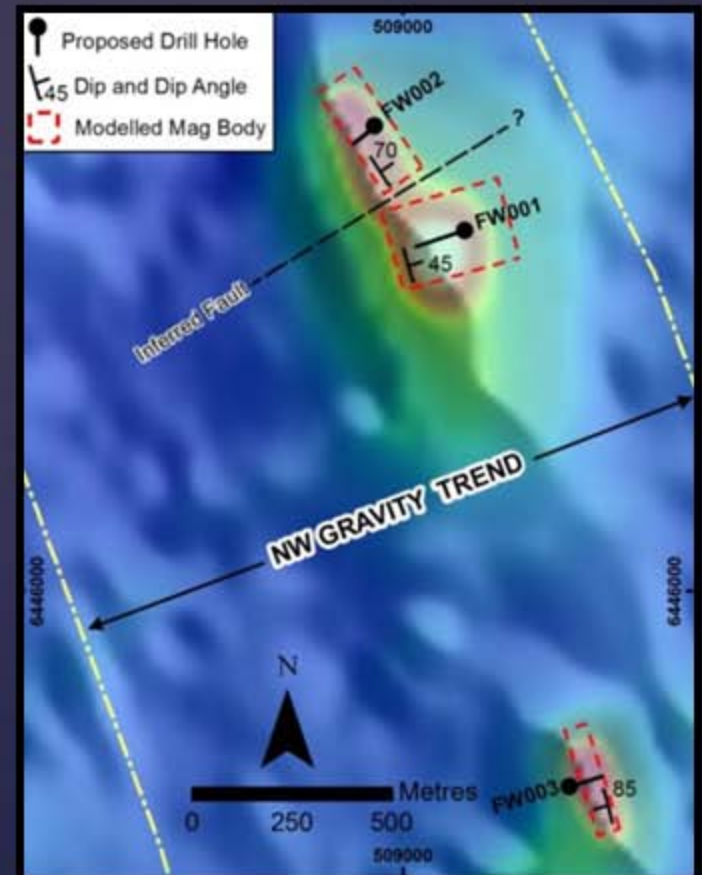


# Regional Opportunities

## Eastern Girilambone Tenements

*Quanda, Fiveways, Inverness, Tottenham and Arsenal*

- ❖ **Strategic +900km<sup>2</sup> holding**
- ❖ **Detailed aeromagnetics**
  - All tenements flown at 100m
  - Priority 1 targets at Fiveways drilling 1H11



# Chile Exposure

- ❖ **Chile: logical destination to expand Helix's copper and gold exploration and development portfolio**
- ❖ **Andes: renowned for Mega Cu/Mo/Au porphyry deposits**
- ❖ **100% owned tenements**
- ❖ **Ongoing target generation and acquisition**



# Joshua Project - Chile

## ❖ Copper Porphyry Target

- Priority 1 exploration target +400Mt potential

## ❖ Mapping – 3 systems

- Artisanal copper oxide mining in district
- Alt: 1500-1700m asl; close to infrastructure
- Rockchips up to 5.7% Cu, 0.5g/t Au, 398g/t Ag & 127ppm Mo



## ❖ 100% HLX owned exploration concessions

## ❖ Forward Program

- 1500m drilling - priority 1 porphyry target - early April
- Geophysics and target generation ongoing.



# Talca Project- Chile

## ❖ Local Mining Operations

- Circa 800koz Au since colonial times
- 10g/t Au, ~15,000oz pa
- No drilling or geology

## ❖ Model and Mineralisation

- Structure and Geology needed
- Vein & shear hosted HG gold

## ❖ 100% HLX owned exploration concessions

## ❖ Opportunity for regional consolidation



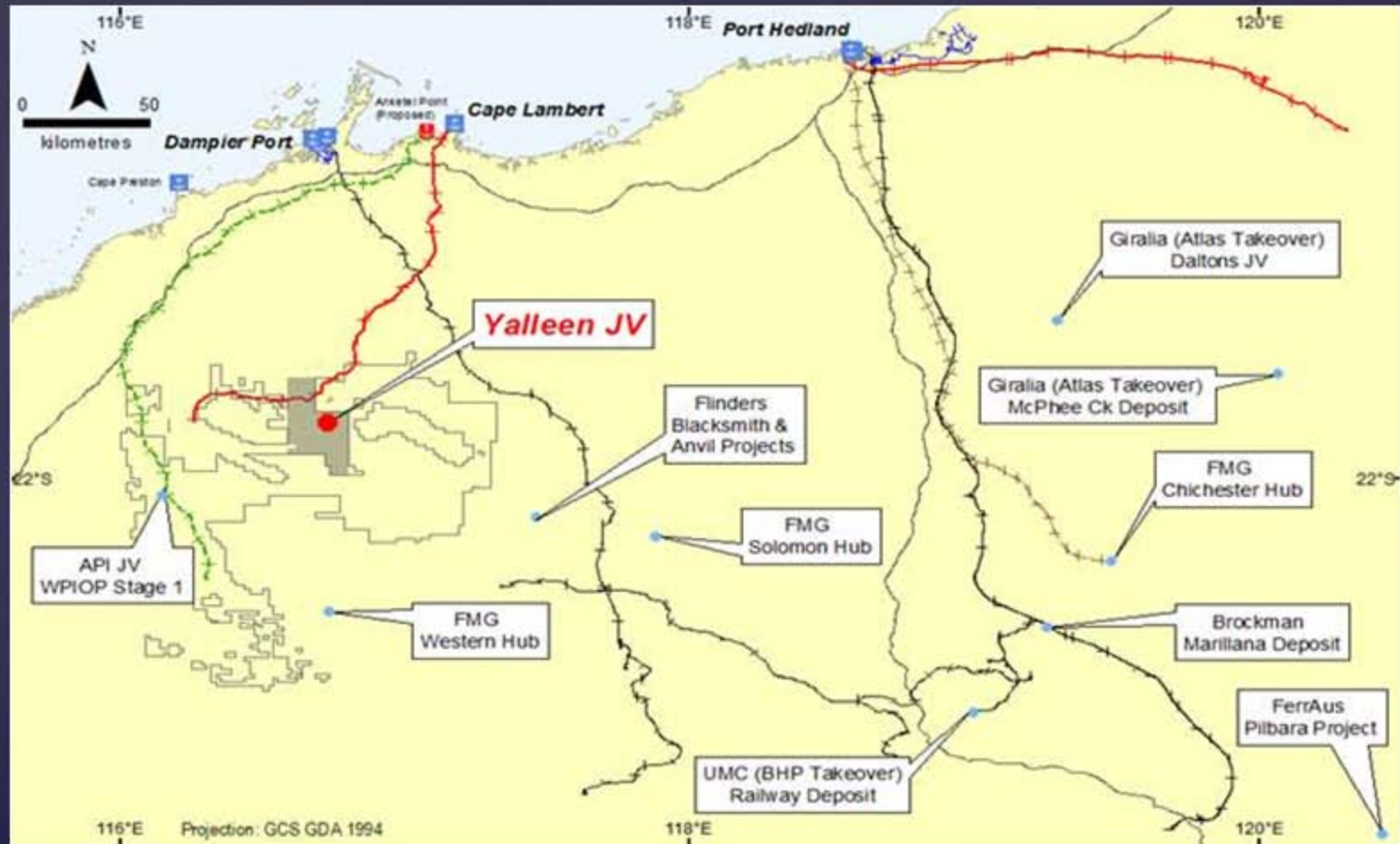
# Sherpa Project- Chile

- ❖ Helix earning up to 90% via Option
- ❖ IP Survey underway



# Yalleen Iron Ore JV - WA

## Location and Regional Infrastructure



### Legend

- |                                     |                                   |                             |
|-------------------------------------|-----------------------------------|-----------------------------|
| Helix Yalleen JV Tenements          | ACT Determined No Excess Capacity | Proposed WPIOP Stage 1 Rail |
| Other API West Pilbara JV Tenements | ACT Determined Excess Capacity    | Highway                     |
|                                     | FMG Rail Line                     |                             |



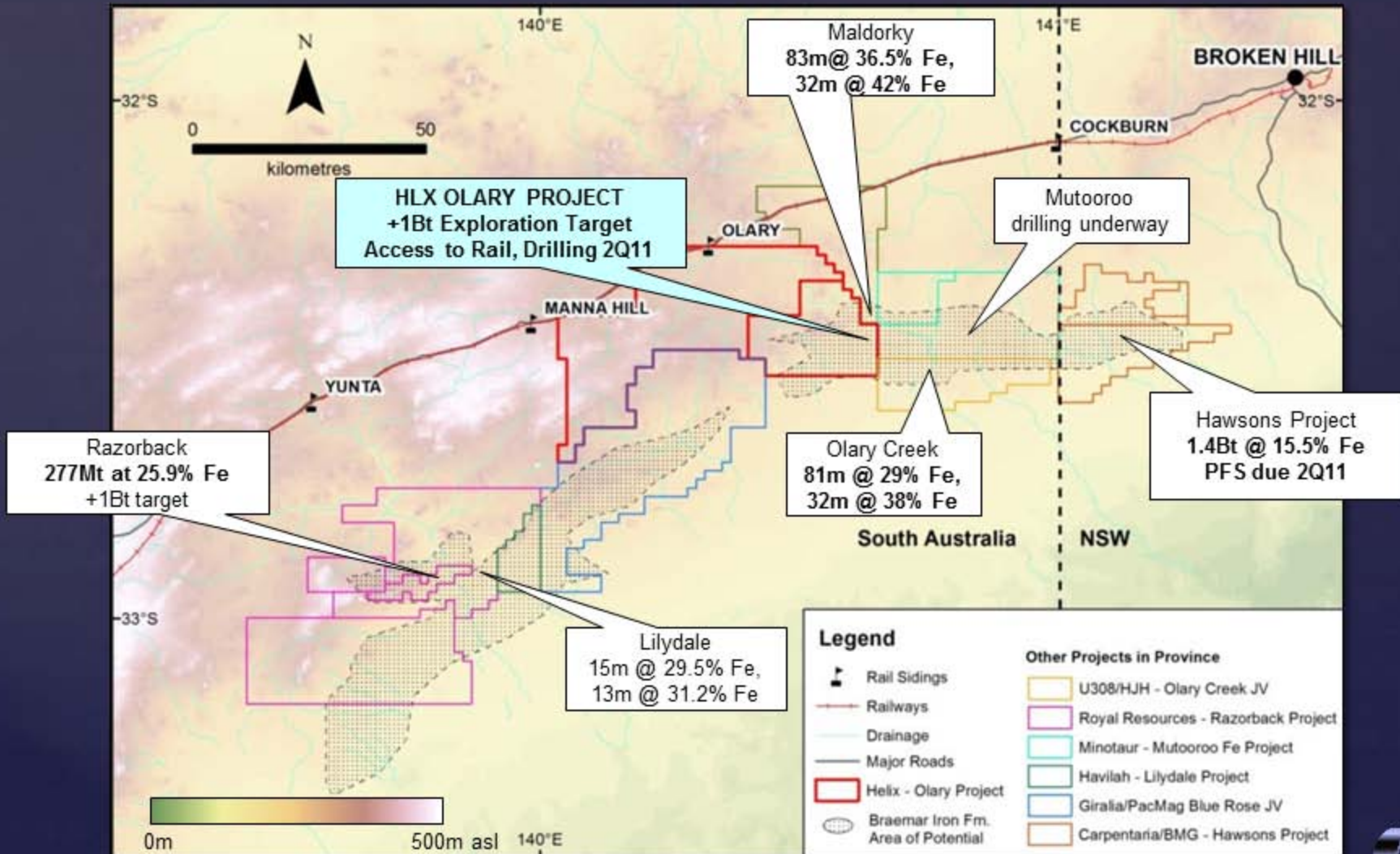
# Yalleen Iron Ore JV

- ❖ 84Mt @ 57.2% Fe (Channel Iron) - HLX 30%
- ❖ HLX Scoping Study Aug 2010 reported technical and financial viability
- ❖ 2 Infrastructure Solutions



# Olary - Magnetite Fe - SA

Braemar - a new Iron Ore Province?



# Mineral Asset Snapshot

## *HELIX Managed Projects*

### ❖ NSW COPPER/GOLD PROJECTS

- GIRLAMBONE WEST (Cu+Au), GIRLAMBONE EAST (Cu) HLX 100%
- RESTDOWN GOLD JV HLX earning 70%
- CANBELEGO COPPER JV HLX 51%, earning 70%
  - 1.5Mt @ 1.2% Cu inferred resource

### ❖ CHILE HELIX 100%

- JOSHUA (Cu/Au), LOA (Cu), SHERPA\* (Au), TALCA (Au) & PELUSA (Au)  
\*option to earn up to 90%

### ❖ OLARY IRON PROJECT – SA HLX 100%

### ❖ LANDSBOROUGH & URALLA (Cu/Au) – QLD HLX 100%

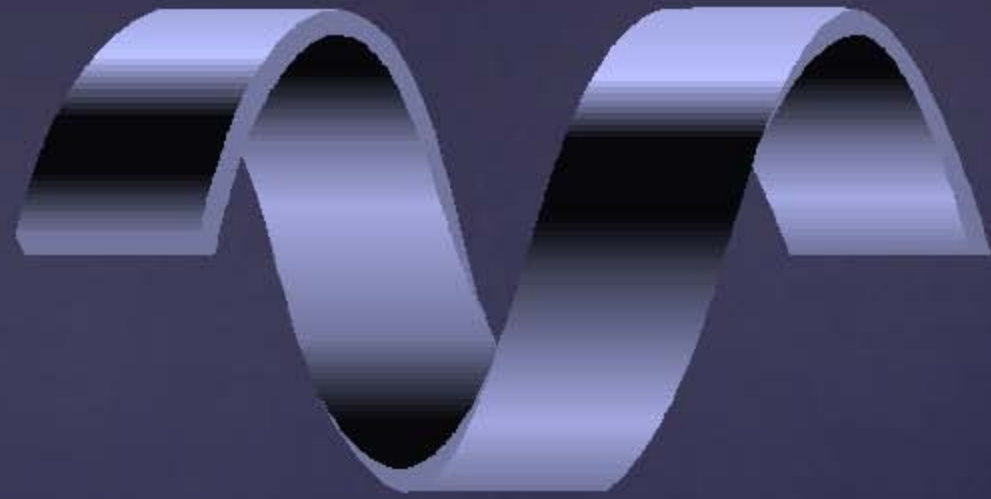
## *Non-managing JV's*

### ❖ YALLEEN IRON ORE JV – PILBARA WA HLX 30%

### ❖ TUNKILLIA GOLD JV – SA HLX 46% Diluting

Significant Upside with aggressive 2011 exploration program





**Thank You**