



Drilling Programs For Copper and Gold
in Chile and New South Wales in 2014.

Disclaimer and Competent Persons Statement

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Competent Persons Statement

The information in this announcement that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled 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.

Details of JORC 2012 compliant information and the assumptions underlying all Resource estimations are contained in previous ASX releases or at www.helix.net.au

Corporate Overview

- **Share Price: 3.3c**
- Issued Capital: 235m Ordinary Shares, 35m Options
- Market Capitalization: \$7.8m
- Cash: \$1.8m (30 June)
- **Board of Directors**
 - Pasquale Rombola – Chairman
 - Mick Wilson – Managing Director
 - Jason MacDonald – Director
- **Major Shareholders**
 - Mark Creasy – 9%
 - Greg Wheeler – 7%
 - AMCI – 5%
 - Directors – 8%

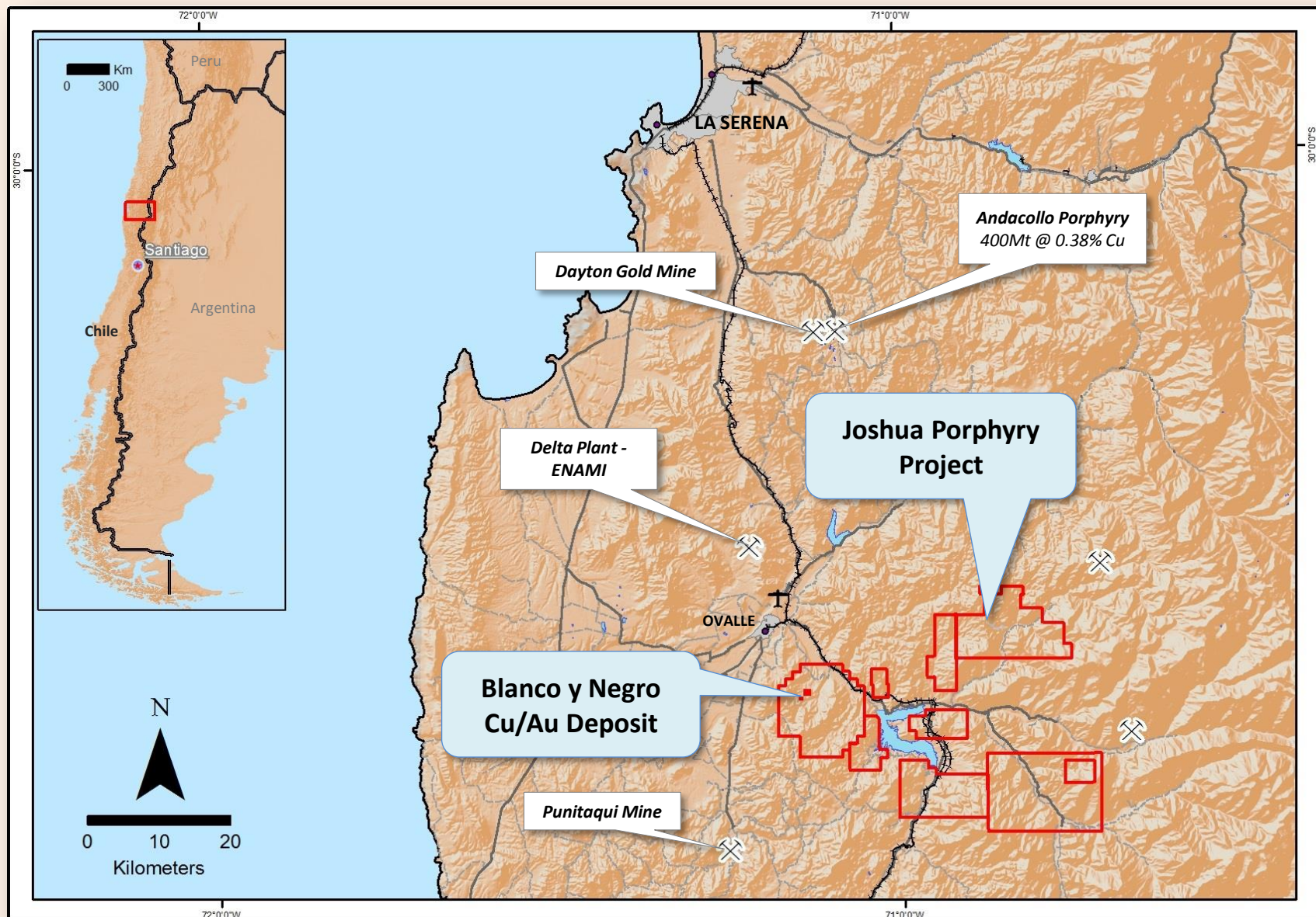


Example of Copper ore from Carmelita Mine

Project Overview

- **CHILE**
- **Joshua (100%)** – Copper/Gold Porphyry Discovered by Helix Resources.
- **Blanco Y Negro (100%)** – Shear and Vein hosted high-grade Copper and Gold system.
- **NEW SOUTH WALES**
- **Collerina (Earning 100%)** – VMS Copper and Epithermal Gold Prospect.
- **Browns (70%)** – Potential for “Cobar-Style” high-grade Gold mineralisation.
- **Canbelego (70%)** – VMS Copper project with an Initial Inferred Resource.
- **SOUTH AUSTRALIA**
- **Tunkillia (30%)** – Gold and Silver Resource. New partner (WPG) advancing Project.
- **WESTERN AUSTRALIA**
- **Yalleen** - Iron Ore Project. Baosteel acquiring Aquila may lead to a rejuvenation of the project.

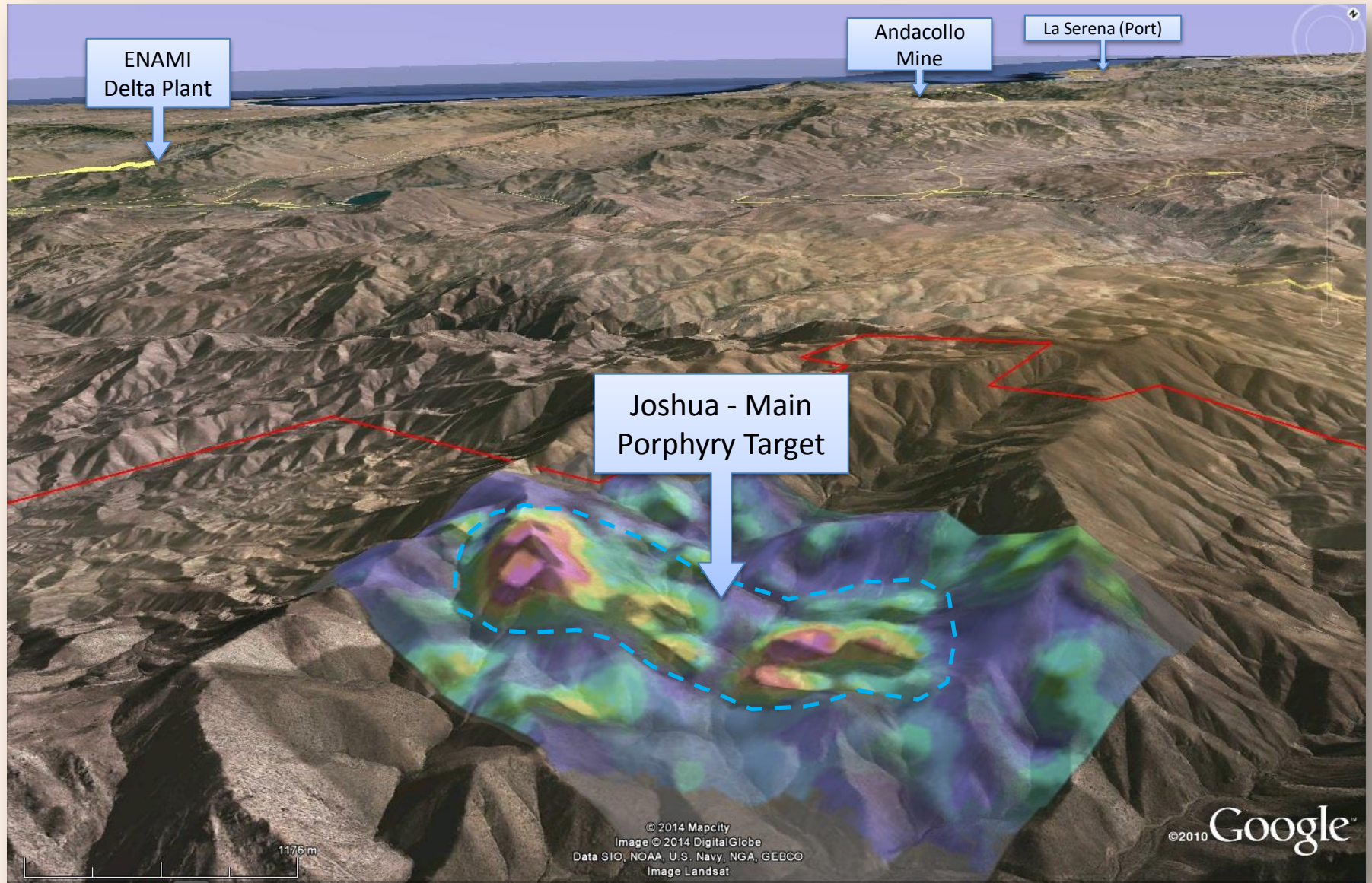
Region IV - Chile



Joshua Copper and Gold Porphyry

- **A 100% owned Copper and Gold Porphyry Project - Region IV Chile.**
- **Greenfields discovery by Helix Resources in 2010.** Four Porphyry Targets (Targets 1 to 4) in regional NW structural corridor that had never been drill tested.
- **Best Drilling Result to Date: 400m @ 0.3% Cu and 0.1 g/t Au** *(refer to disclaimer page)* **from surface to EOH (Target 1). All holes have intersected Cu-Au-Mo mineralisation over significant widths.** Less than 10% of main porphyry system has been drill tested (8 holes - 2,000m).
- **CODELCO confirmed porphyry target potential and HLX geological model in 6 week detailed review - 1Q14.**
 - ✓ A 3km x 1km copper-in-soil anomaly coincident with porphyry-style alteration.
 - ✓ Coincident IP anomaly to a depth exceeding 500m.
 - ✓ Artisanal Copper Mine present (producing +1% Cu – held under option by HLX).
 - ✓ Drilling hasn't intersected potassic zone to date.
 - ✓ **Best parts of system remain untested.**
- Seeking a Major Partner with development expertise for the project. Helix is currently engaged with a number of parties under confidentiality agreements.

Joshua Project



Joshua Project- Main Target

pXRF Copper-in-soils coincident with
large IP anomaly
Very Large System

Limit of drilling to date
8 holes – 2,000m

Target 1

3km wide
System

Carmelita

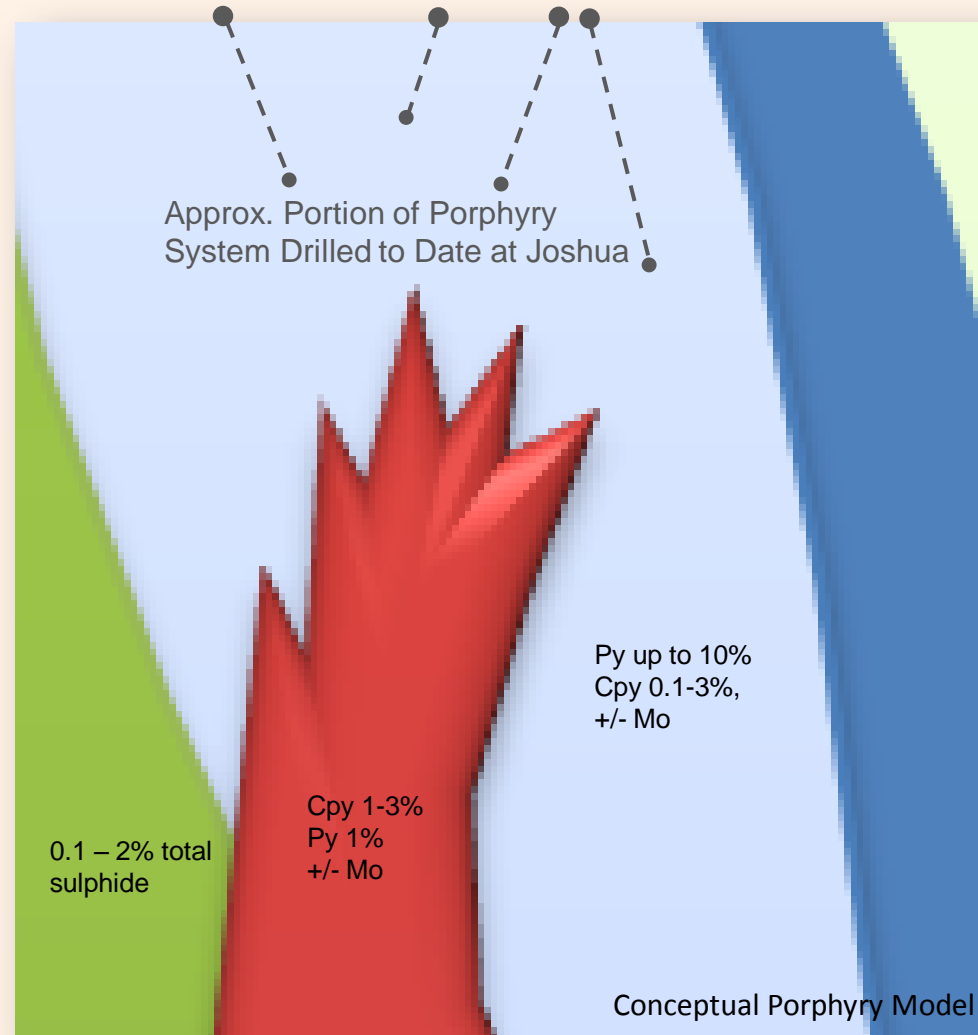
Target 4

Target 2 & 3
SE ~2 to 5km

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat

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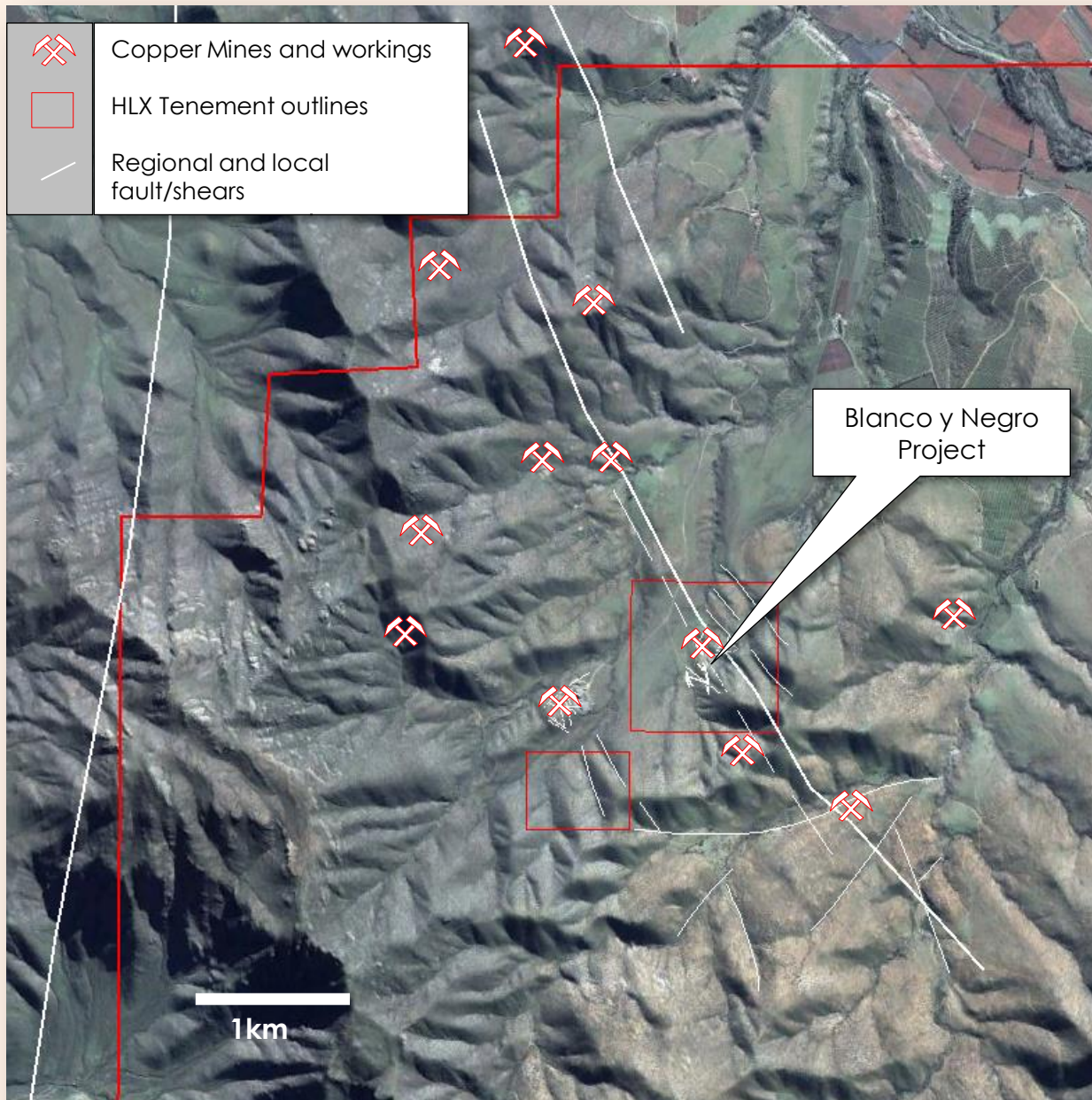
Idealised Schematic



Blanco Y Negro Copper and Gold Project

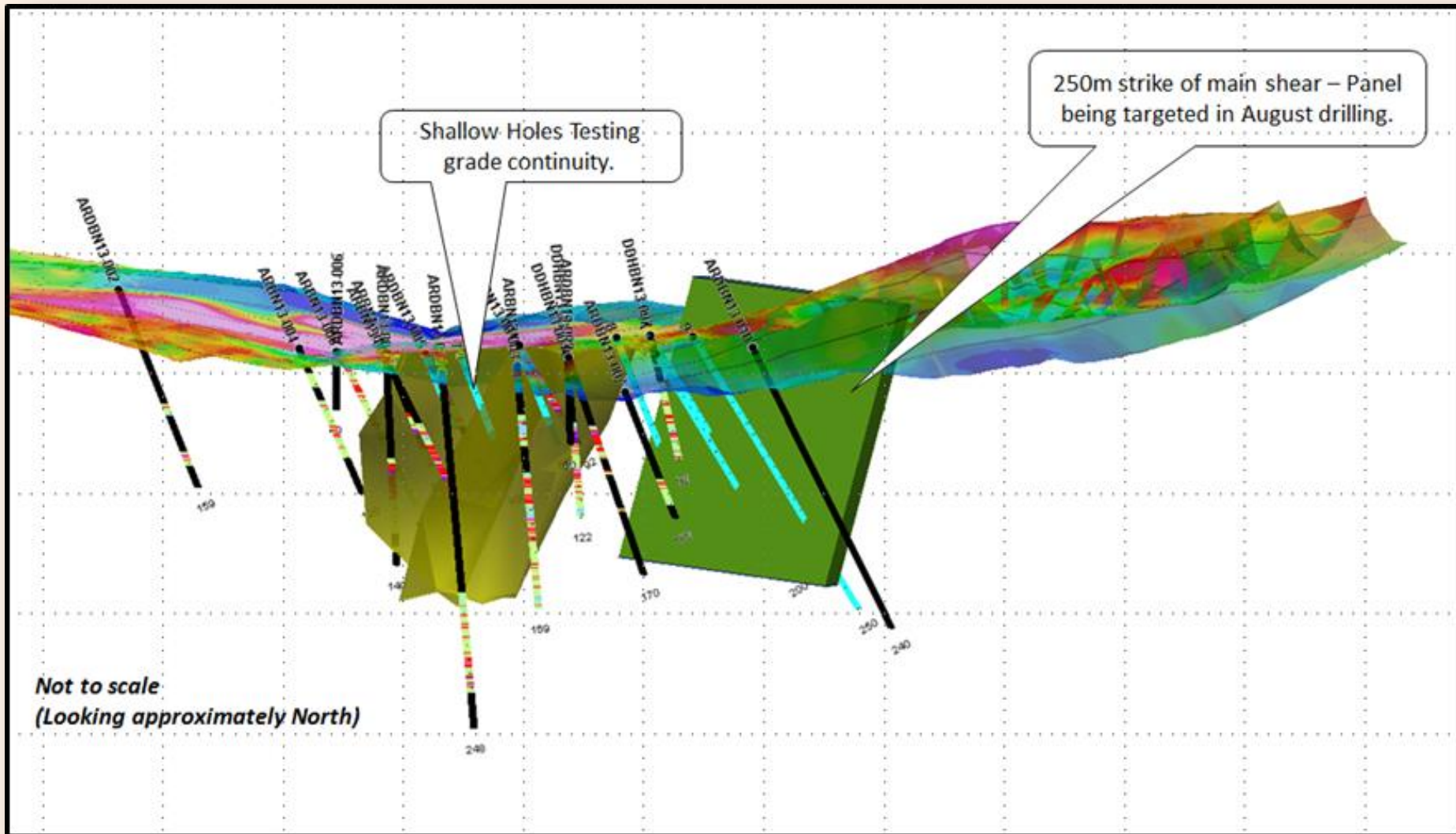
- **A 100% owned Mining lease and surrounding 100km² of exploration concessions in Region IV Chile.**
- Project sits within a major regional mineralised shear system with multiple mineral occurrences evident throughout broader project and surrounding district.
- Helix has mapped the main mineralised shear over a strike of 1.3km (offset by cross cutting faults) within the mining lease. **The company has drilled 10 holes into the main shear position with the best result being 19.5m @ 2% Cu and 1.1 g/t Au from the central 240m of strike** *(refer to disclaimer page)*.
- **A drilling program of up to 1,000m is planned to commence in early August.** Up to 4 holes will test a further 250m of strike of the main shear. Three shallow holes are also planned within the known mineralised envelope to improve geological knowledge and confirm grade continuity closer to the surface.

Blanco y Negro Project

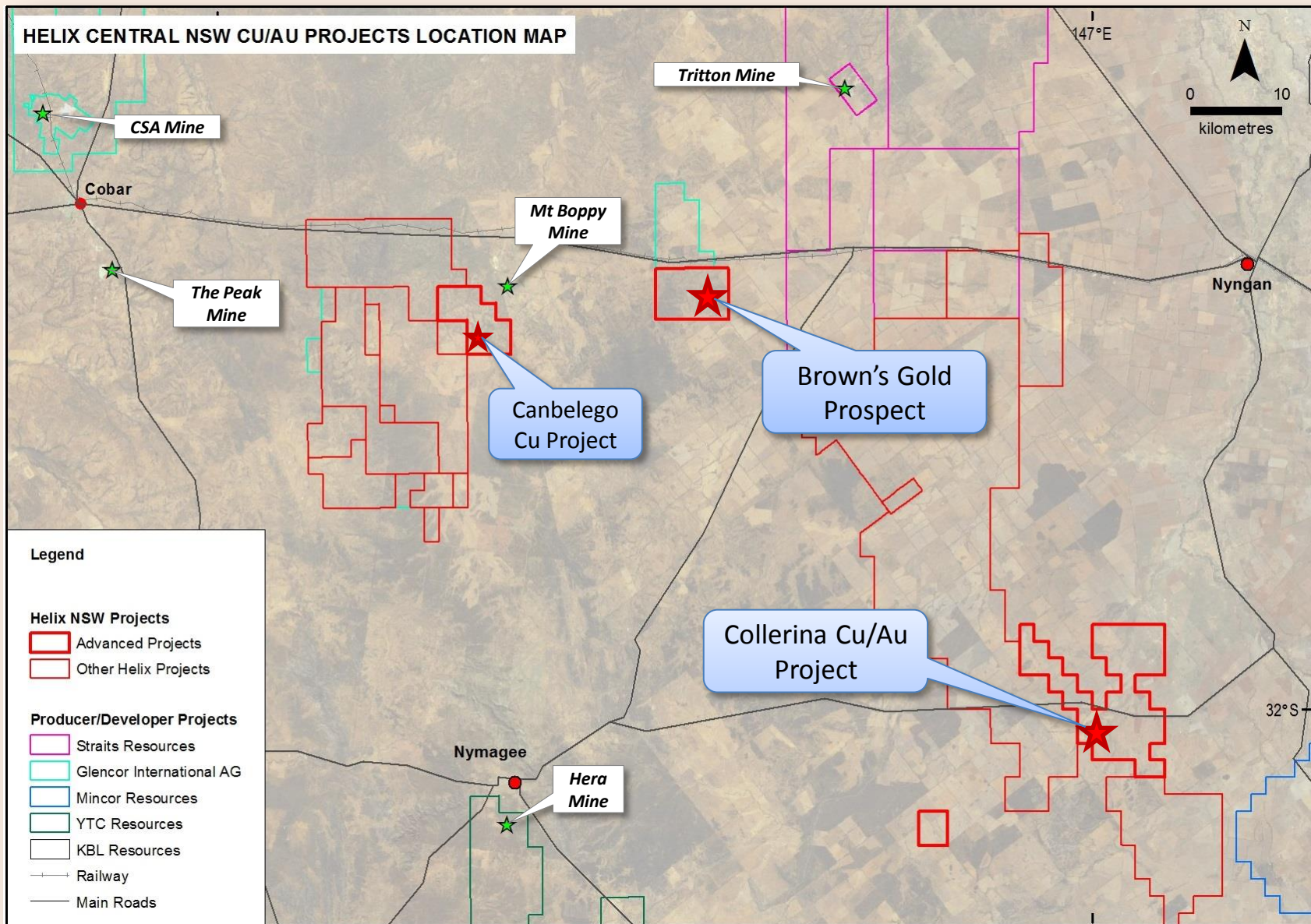


Major regional mineralised shear system with multiple mineral occurrences

Blanco y Negro Project



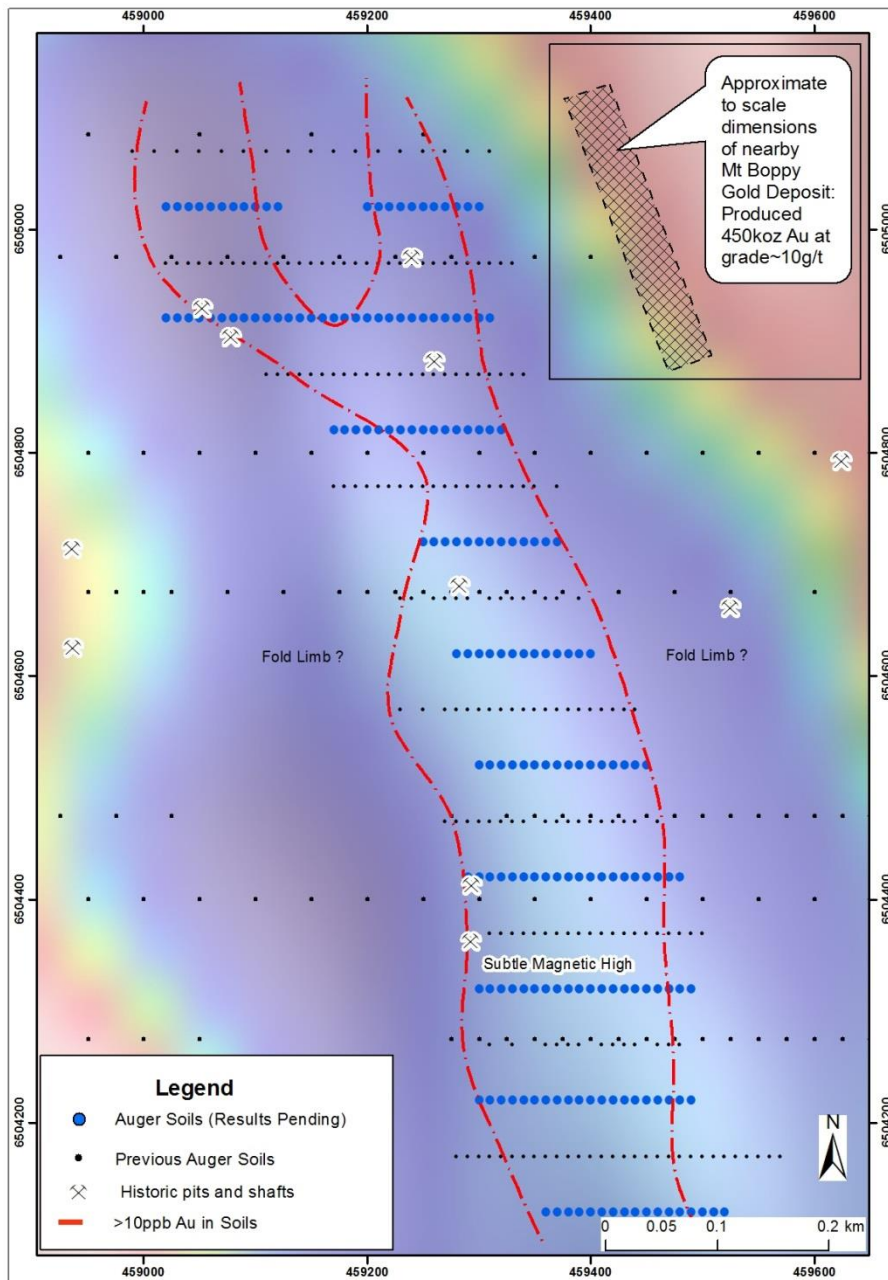
NSW Projects



Browns Gold Prospect

- **A 70% Owned prospect located on the edge of the historic Muriel Tank Goldfield approximately 60km East of Cobar, NSW.**
- **The gold in soil anomaly has never been drilled and has a strike length of over 1km with several minor historic workings present.** The nearby Mt Boppy gold deposit produced over 450,000oz of gold in excess of 10 g/t Au from a strike length of approximately 260m (not owned by Helix). **Helix rockchip sampling from the prospect area to date have returned assays of up to 15.5 g/t Au** *(refer to disclaimer page)*.
- Browns was defined during an hydraulic soil sampling earlier this year. Helix collected over 400 samples in the program. Field work confirmed the presence of a mineralised structure that aligns with the orientation of the gold anomalism and the two historic workings identified in the field.
- **Helix is planning to complete a maiden drill program of up to 8-10 holes for up to 800m. Commencement of the program (subject to approvals) is expected in late August.**

Brown's Gold Project



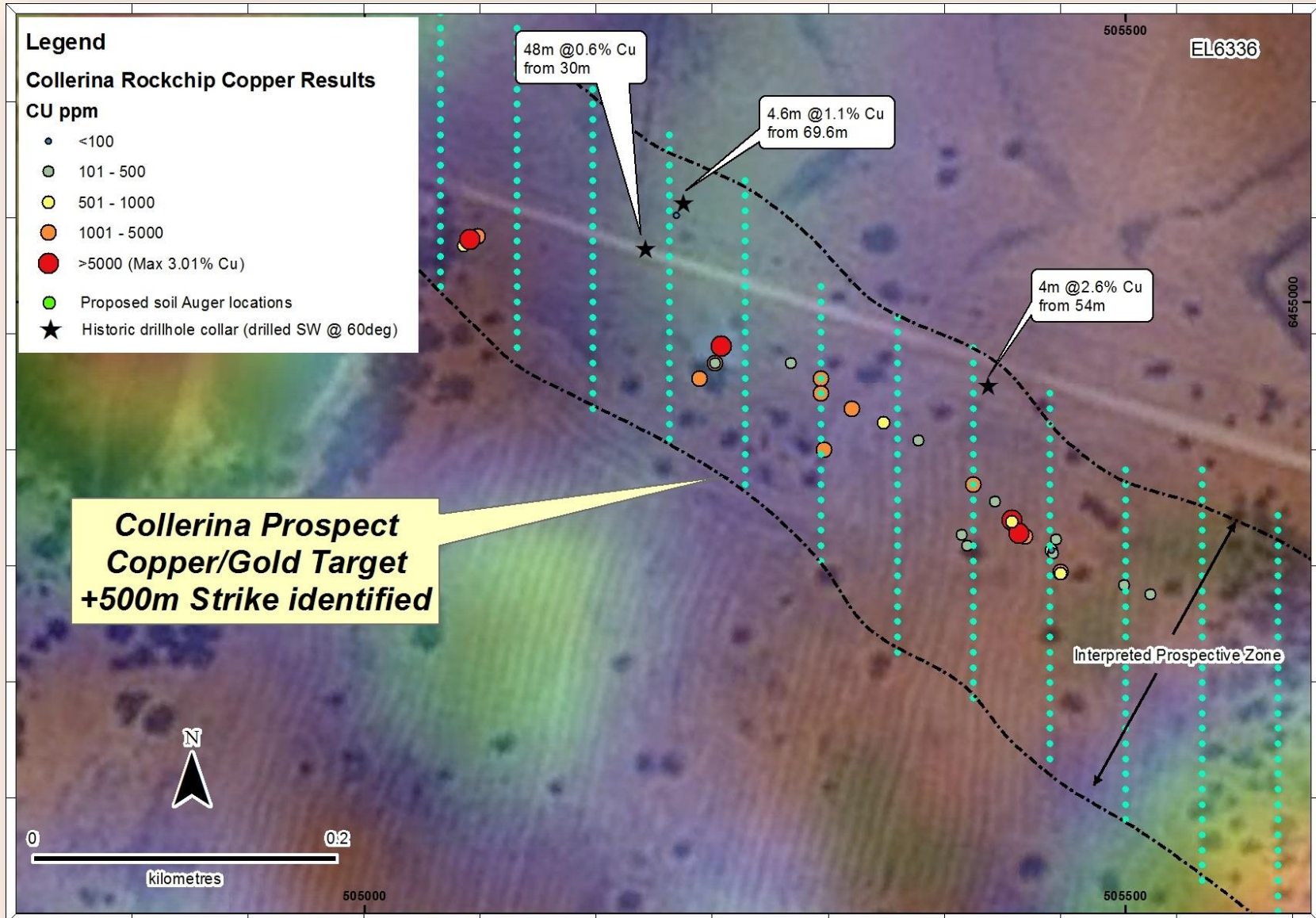
Examples of historic workings at Brown's returning rockchips up to 15.5g/t gold - Peak soils to date 165ppb Au.



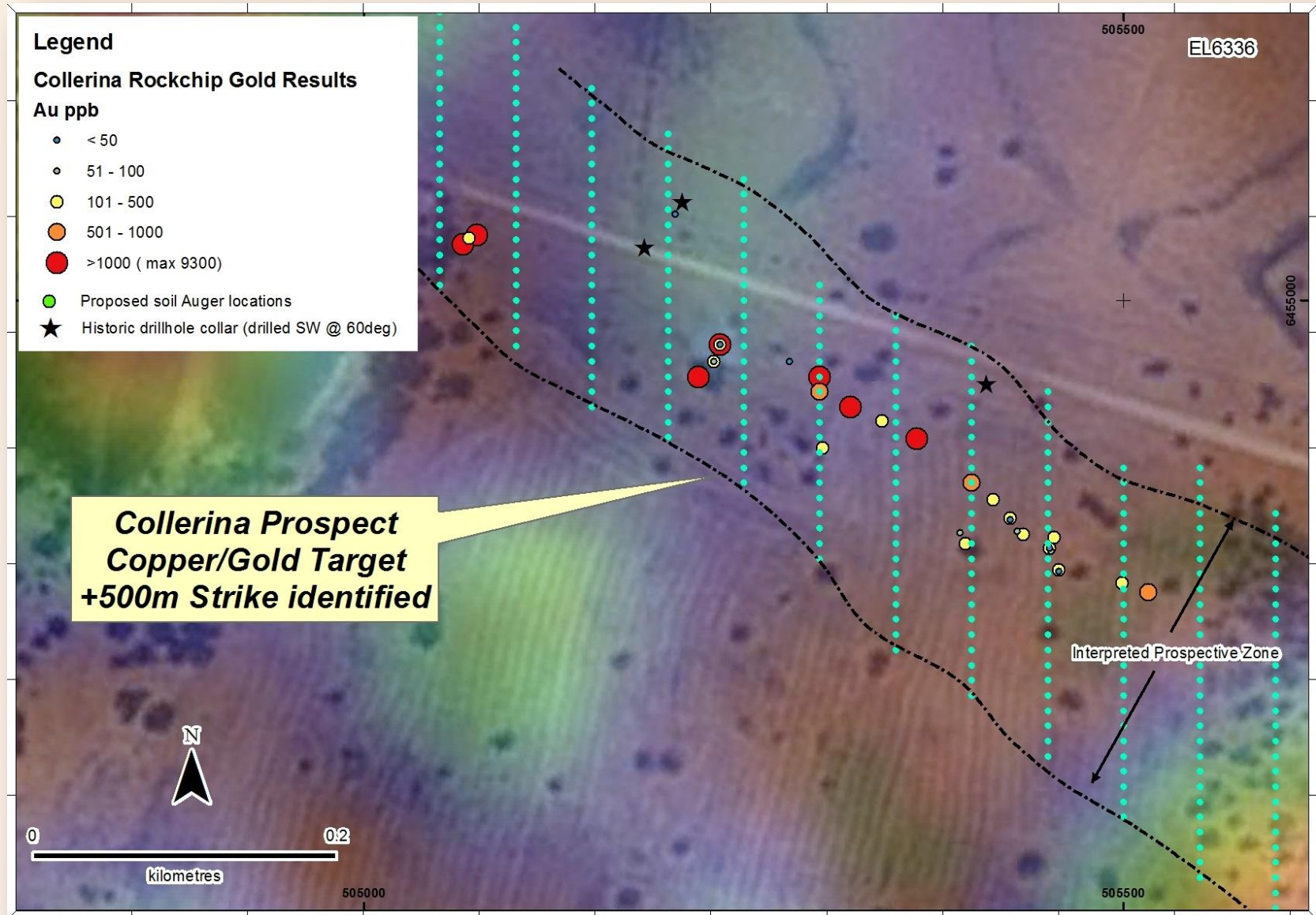
Collerina Copper and Gold Prospect

- **Helix is earning a 100% interest in the Collerina Copper and Gold Prospect. The prospect is approximately 40km South West of Nyngan in NSW.**
- Recent on ground assessment has highlighted copper and gold mineralised sub-cropping gossanous material over a strike of at least 500m. **The prospect has produced highly encouraging copper and gold results with rockchips up to 3% Copper and 9.3 g/t Gold** *(refer to disclaimer page)*.
- The prospect has a historic working and was subject to a broad spaced 3 hole drilling program by CRA in the 1980's where copper mineralisation was intersected in all 3 holes (4m @ 2.4% Cu, 4.6m @ 1.1% Cu and 48m @0.6% Cu).
- The high grades of gold in rockchips (and associated silver up to 13 g/t Ag) and copper may **be associated with separate mineralisation phases which provides scope for multiple target styles within this prospective system.**
- **Helix plans to undertake a program of auger soils in September, to be followed up by fixed loop EM.** These programs will determine both copper and gold targets for drill testing later this year.

Collerina Project - Copper



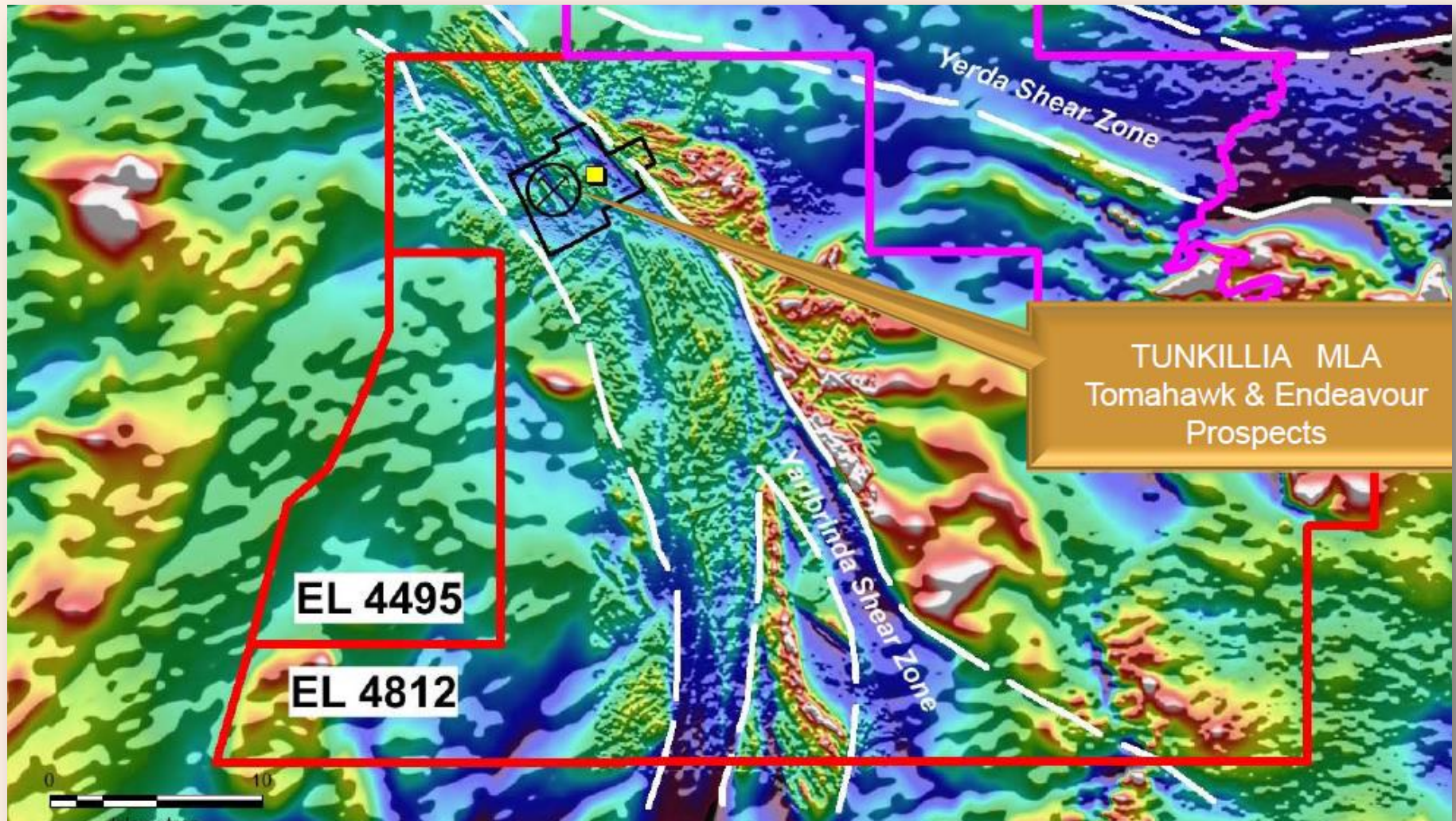
Collerina Project – Gold



Tunkillia Gold Project

- **Helix Resources has a 30% interest in the Tunkillia Gold Project in the Gawler Craton in South Australia.** The project was discovered by Helix in the 1990's and has a total resource of 878,000 ozs of gold and 2.5m ozs of silver *(refer to disclaimer page)*.
- **In May 2014, WPG Resources became a 70% holder and manager of the Tunkillia Project. Helix welcomes WPG as a well funded partner with a proven track record to advance the asset to the benefit of the Joint Venture.**
- WPG plans to advance the project by:-
 - ✓ An exploration focus targeting new high grade pods suitable for early development.
 - ✓ Pursuing the granting of the Mining lease application recently submitted to the SA Mines Department.
 - ✓ Review to optimise the Tunkillia Resource to focus on improving gold grades.
 - ✓ Re-assessing treatment options to optimise the returns from the asset.

Tunkillia Project – Gold



Other Assets and Projects

- **Canbelego Copper Project - NSW**
- Inferred Resource - 1.5Mt @ 1.2 % Copper *(refer to disclaimer page)* from surface.
- Potential for oxide copper from surface on 3 advancing prospects
- Cobar-style sulphide copper extensions open at depth - strong DHEM conductor below resource with up-dip intercepts including: 2m @ 6.8% Cu & 5m @ 2.4% Cu

- **Olary Magnetite – South Australia**
- Helix is to receive deferred cash payments of \$2.575m plus interest from Lodestone Equities Limited to complete sale of Olary Magnetite asset. \$1.75m was due in March 2014 and \$1m is due in March 2015.
- Helix and Lodestone Equities continue discussions on the matter and will keep the market informed as these discussions progress

- **Yalleen Iron Ore Project – Western Australia.**
- 84Mt @ 57% Iron ore in Indicated and Inferred Resources *(refer to disclaimer page)*
- 575km² of tenements owned by Helix Resources – API JV: iron ore rights only
- Helix diluting to Royalty over production from the tenements.
- Aquila Resources has recently been acquired by Baosteel and Aurizon.
- Asset divestment opportunity for Helix.