

“New Management, New Future, A New Altan Rio”



TSX-V: AMO

Altan Rio Minerals
Investor Presentation
February 2023



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All technical and scientific information contained in this presentation has been reviewed and approved by Neal Leggo, a “Qualified Person” as such term is defined in NI 43-101 of the Canadian Securities Administrators. Mr. Leggo is a Member of the Australian Institute of Geoscientists and is a Principal Geologist with CSA Global Pty Ltd, Mining Industry Consultants, an ERM Group Company.

Cover – PILOT Mine – Southern Cross Western Australia

The New “AMO” – Team



John Jones
Director



Graeme Sloan
Executive Chairman and
Interim CEO



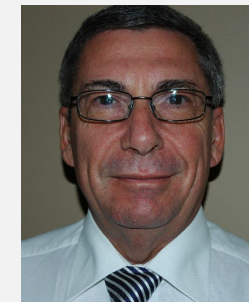
Josh Conner
Chief Operating Officer



Brian Cole
Director



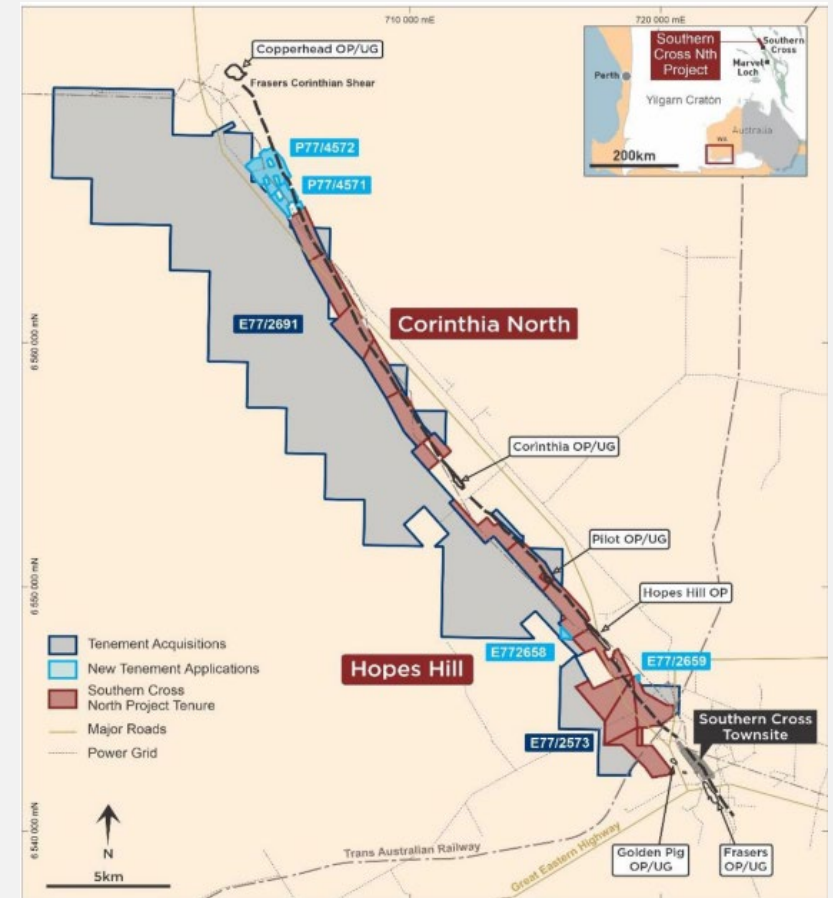
Kerry Griffin
Director



Jim Harris
Director

The New “AMO” – Foundation for success

- Experienced Management team that has delivered projects on time and on budget
- Tier 1 Jurisdiction – Perth to Southern Cross, 4 hrs
- Tier 1 Geology – Southern Cross Greenstone Belt Produced over 12 million ounces of gold
- Adjacent to infrastructure
- Under explored tenure
- TSX listed with plans to dual list on ASX



Assets

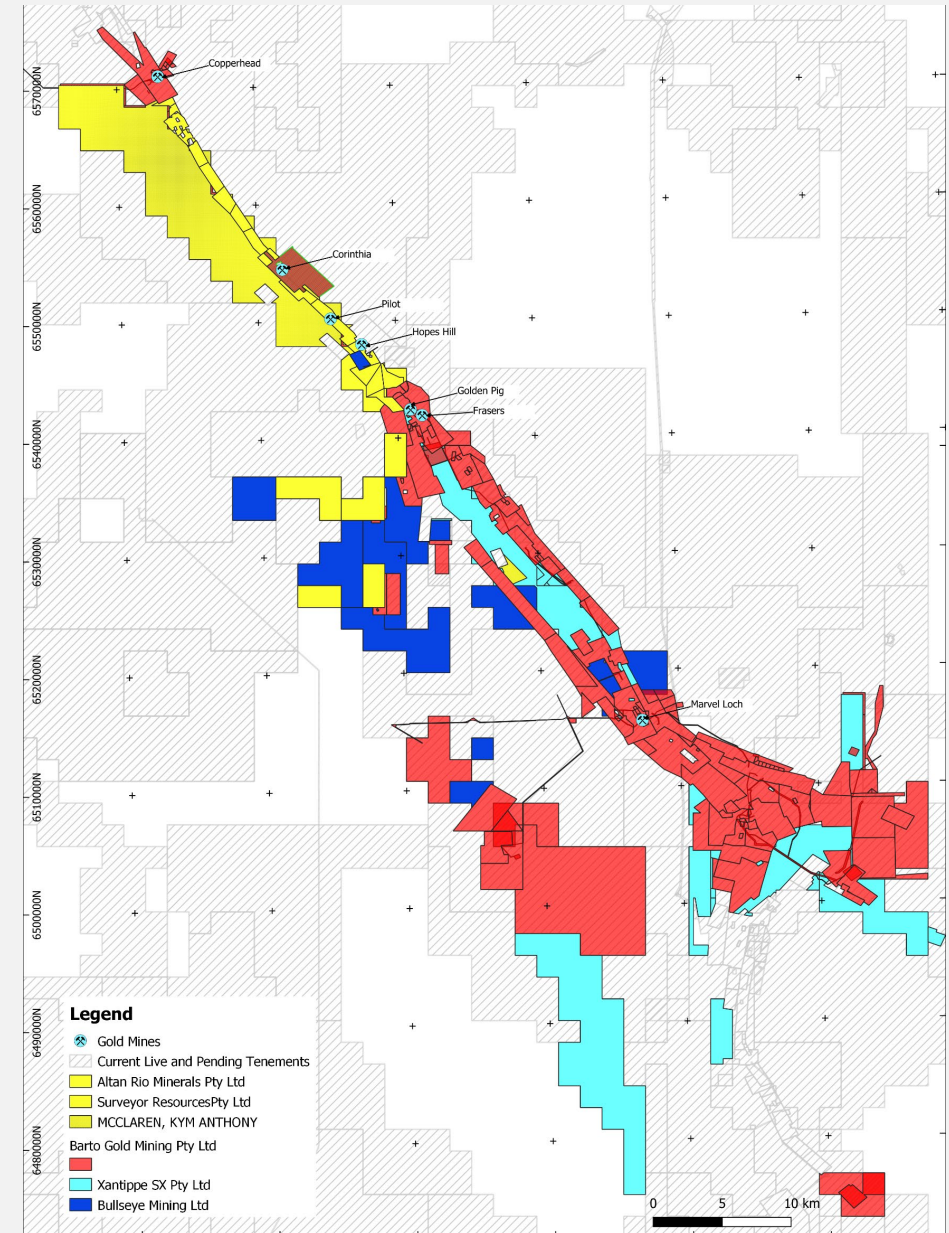
- Near ready mine, Stockpiles and Tolling arrangement
- Strong Tenure
- TSX listed – Marketable stock

Value Proposition

- Strong land position in top 5 Australian gold producers
- Targeting near-term cashflow to accelerate production
- Brown fields exploration
- Other Commodity upside – Nickel, Lithium & PGE's.

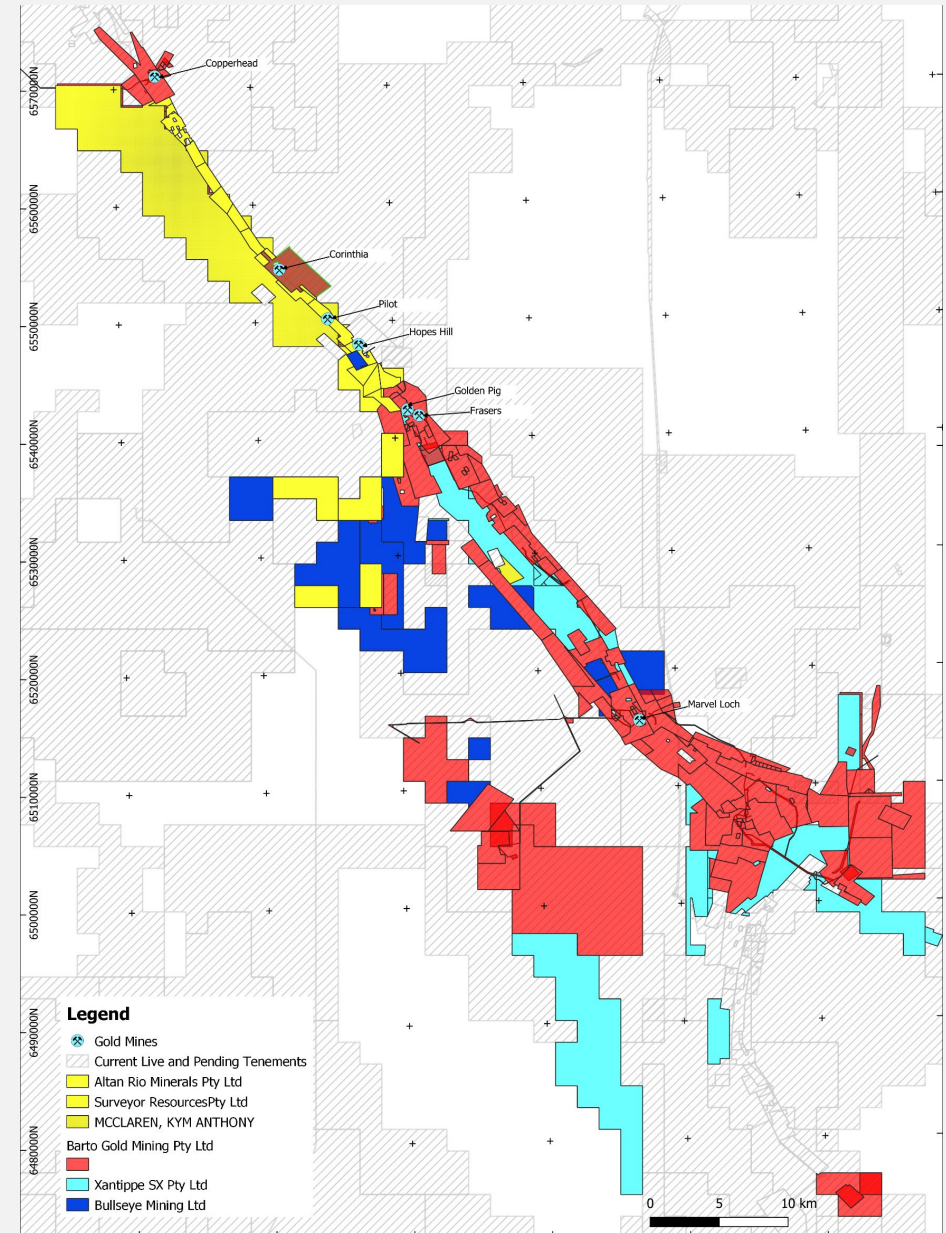
The New “AMO” – What have we done?

- **Phase I – Consolidate Southern Cross “North”**
 - ✓ Finalise Mostia 19.4% Tranche
 - ✓ Completed acquisition of remaining 20% of Surveyor Resources to give AMO 100%.
 - 20% acquired for CAD\$1.0M or 10M shares at CAD\$0.10 per share plus attaching warrants.
- **Raise funds to strengthen Balance Sheet**
- **Undertaking early Scoping Study on Pilot**
- **Actively pursuing M&A opportunities**



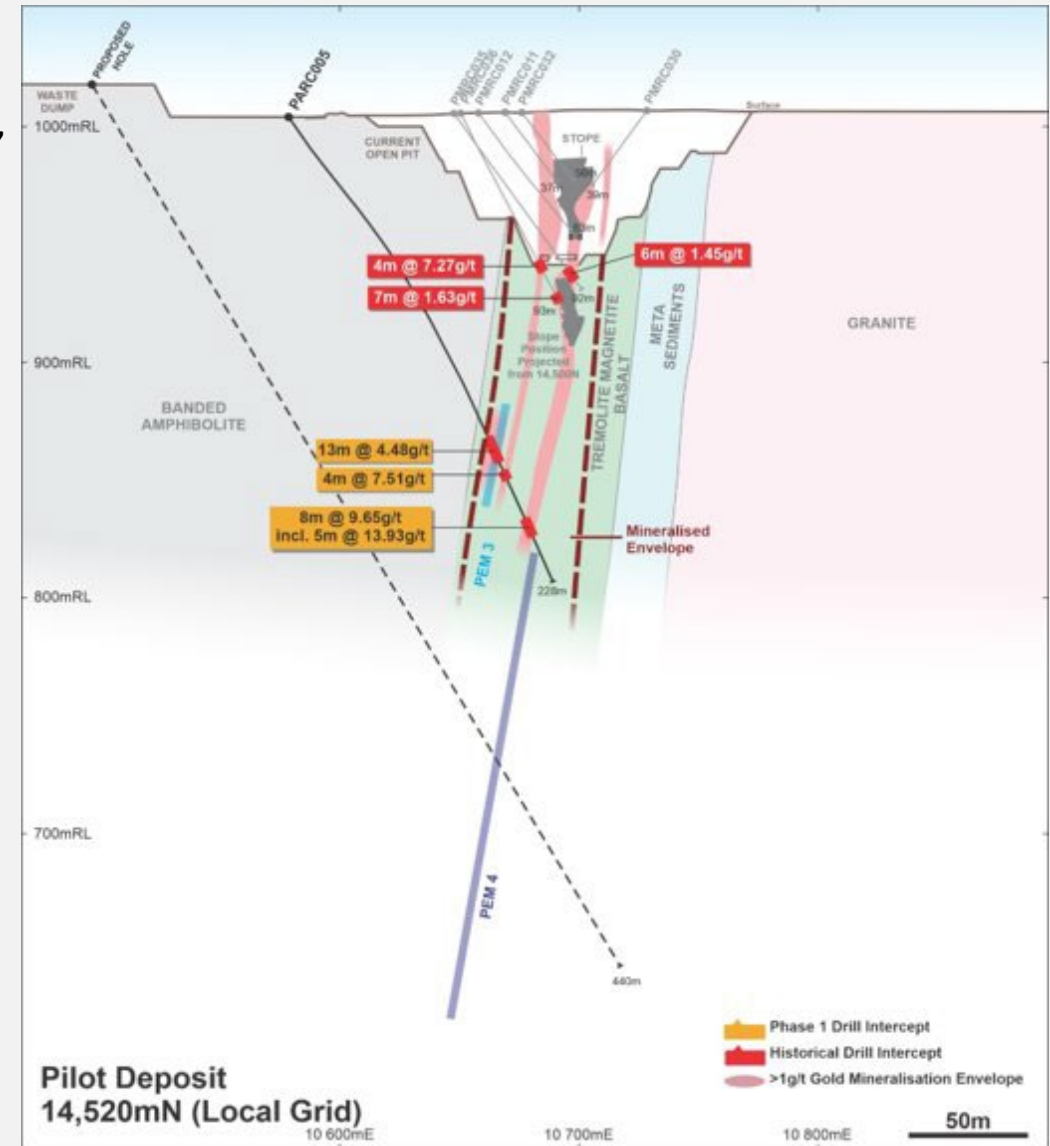
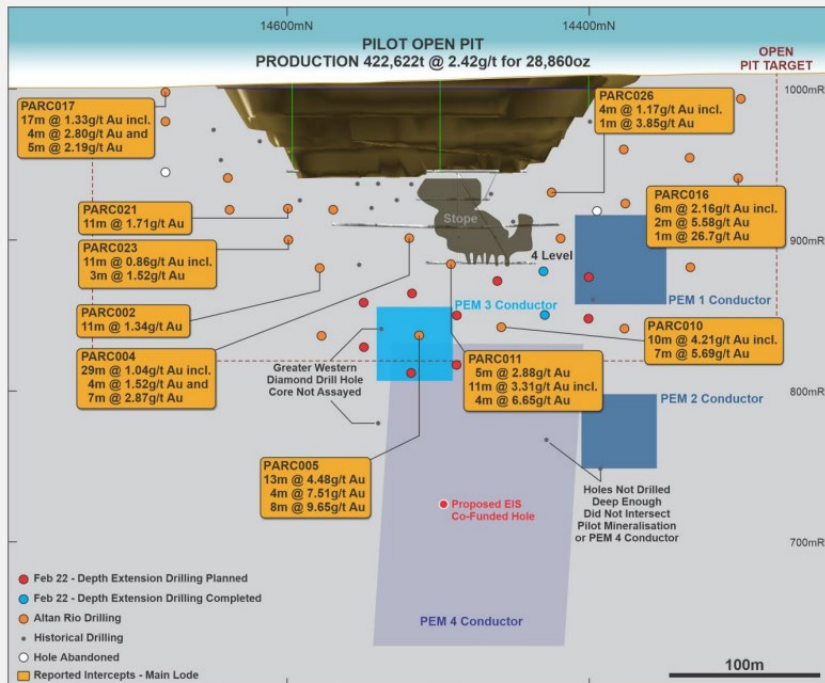
The New “AMO” – Where are we going?

- Phase II – Continue consolidation Southern Cross region
- Look to generate near term cash flow options
- Commence modern exploration methods
- Open door on M&A Opportunities
- ASX & TSX dual listing



The New “AMO” – Near Production Mine

- Last mined in 1994 gold price A\$524/oz, today ~A\$2,650/oz
- Phase 1 drilling delivered excellent grades at depth,
 - 4m @ 7.51 g/t
 - 8m @ 9.65 g/t
 - 13m @ 4.48 g/t (New Western Lens)
- Planned new drill program
- Mine Design to be completed at A\$2,550/oz
- Open pit and Underground potential
- Multiple targets along strike



The New “AMO” – Near Production Mine

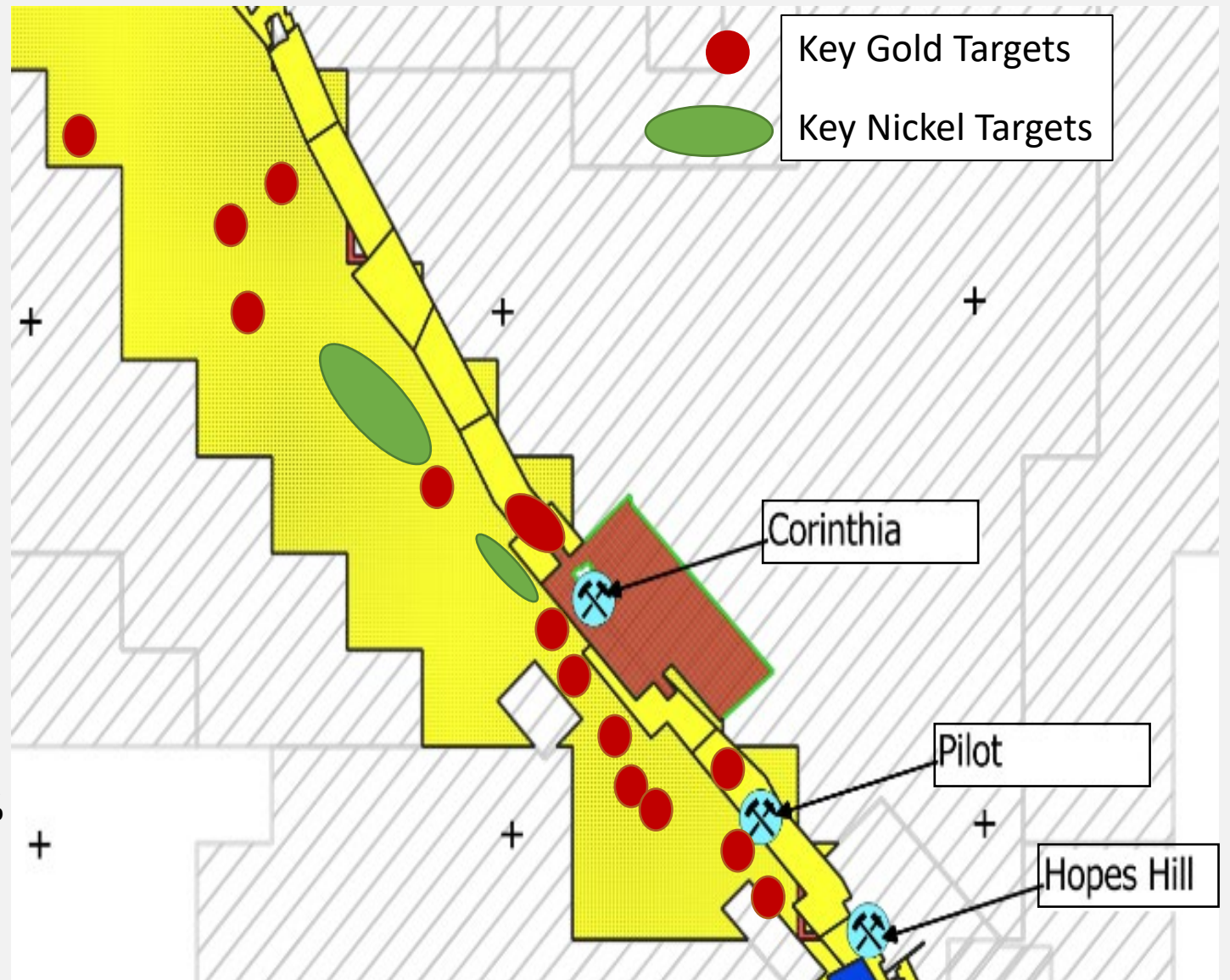
Pilot Stockpile

- Estimated 30kt – 40kt
- Mined in 1994
- Average grade of 1.5g/t
- Estimated recovery ~90%
- ~1,500 – 2,000 ounces

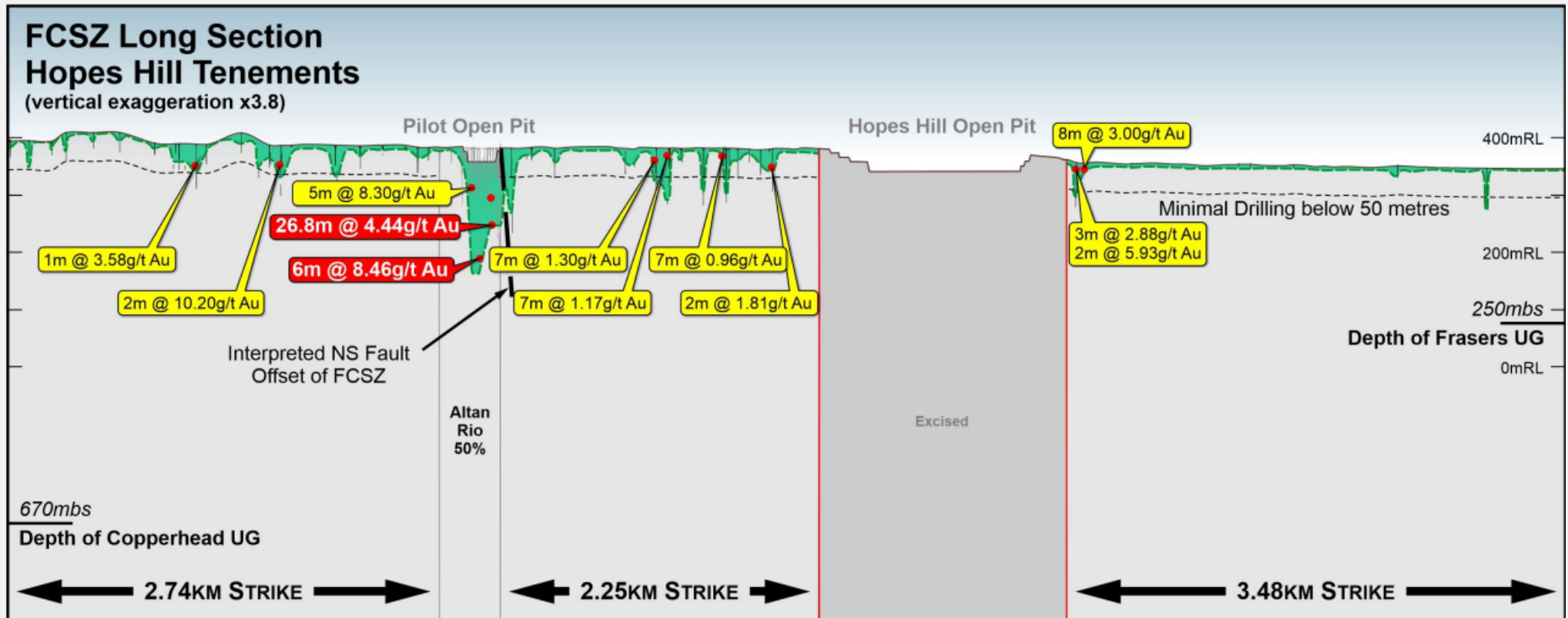


The New “AMO” – Exploration: Gold & Nickel Targets

- Altan Rio has >30km strike along Fraser shear
- Initial targeting generated from CSA Report
 - 14 Gold targets + 2 Nickel zones (Shown)
 - Plus additional 10+ gold targets North and South
- Plus additional targets generated by Altan Rio Geology Team
- Total tenement package currently under review
- Surface Ni samples up to 1.2%
- Lithium Potential



The New “AMO” – Limited Drilling at Depth



Deposit	Ounces
Frasers	1,200,000
Golden Pig	640,000
Hopes Hill	214,000
Pilot	54,000
Corinthia	190,000
Copperhead	1,500,000

Ranking Targets

- Probability of success
- Close to infrastructure
- Permit friendly
- Minimise time from discovery/extension to Production

A New Altan Rio

