



*Value realisation through the recognition, exploration & discovery of high value mineral projects*

August 2016

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- The Company has not fully completed feasibility studies on all its projects. Accordingly, there is no certainty that such projects will be economically successful. Mineral resources that are not ore reserves do not have demonstrated economic viability.
- The information that relates to exploration targets, exploration results and drilling data of Cazaly operated projects is based on information compiled by Mr Clive Jones and Mr Donald Horn who are Members of The Australasian Institute of Mining and Metallurgy and are employees of the Company. The information that relates to the Mt Caudan Mineral Resource Estimate has been authorized by Mr Trevor Stevenson who is a Fellow of the Australasian Institute of Mining and Metallurgy and a Chartered Professional Geologist (FAusIMM CP). He is also a Member of MICA (MMICA) and a permanent employee of Runge Limited, an independent resource consultancy group.
- Mr Jones, Mr Horn and Mr Stevenson have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Persons as defined in the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Jones, Mr Horn and Mr Stevenson consent to the inclusion in their names in the matters based on their information in the form and context in which it appears.



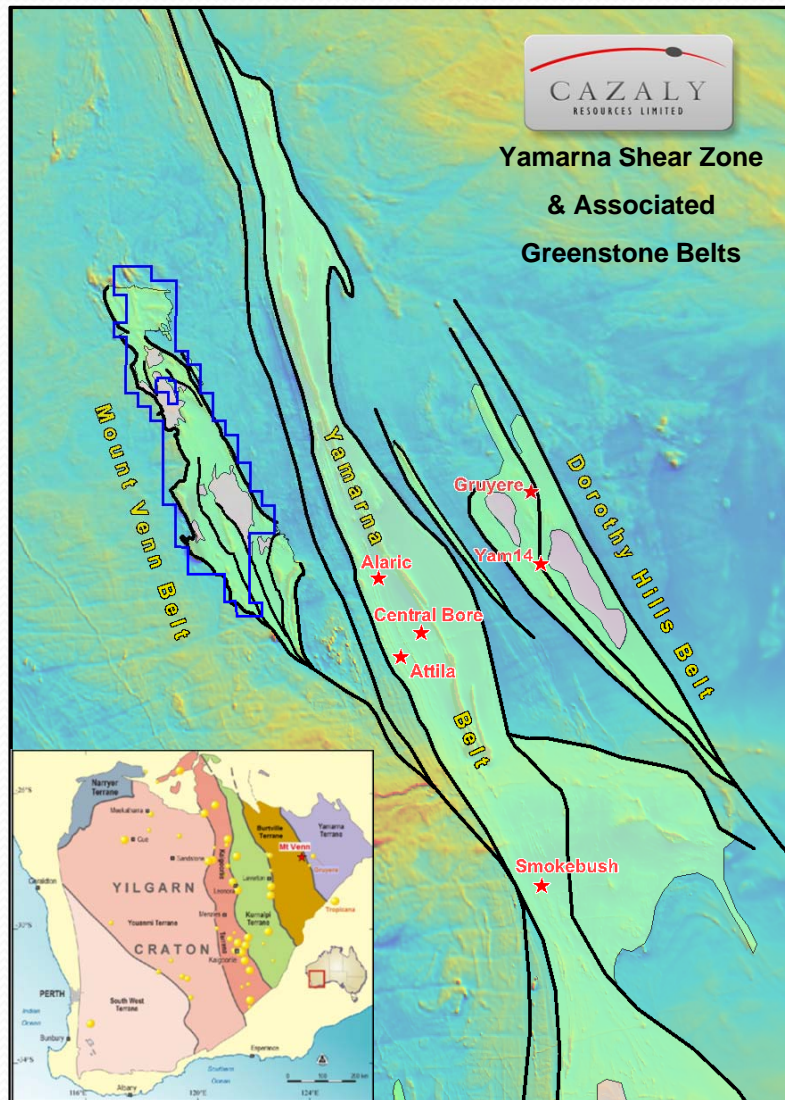
# Mission

- To continually expose shareholders to quality, in-demand mineral assets to increase company value
- Maintain a broad portfolio whilst focussing on key projects
- Strong track record of project recognition, acquisition & discovery
- Current focus on new age Battery Grade materials and Gold
- Deep portfolio of other mineral assets including copper, iron ore and uranium



Fully Paid Shares	160.1M
Options (\$0.04 - \$0.18)	6.515M
Market Cap @ \$0.07	~\$11M

# Mount Venn Gold

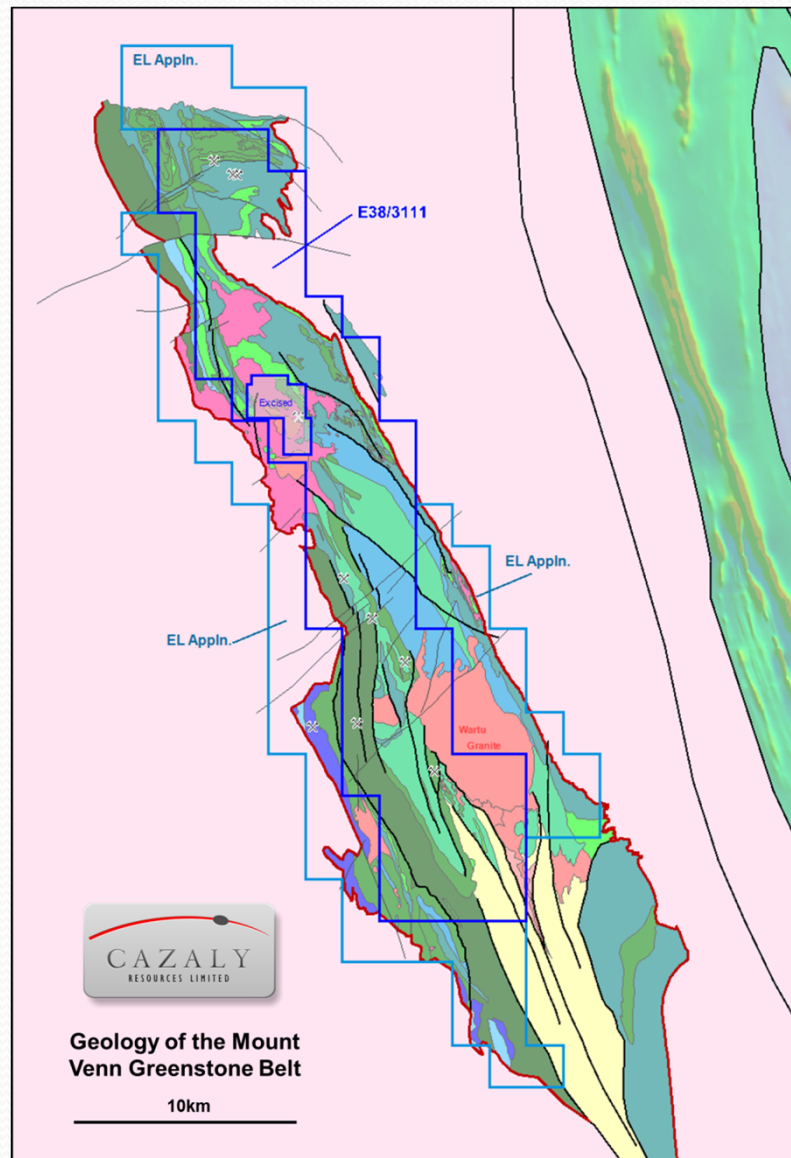


- ✓ EXTENSIVE GROUND POSITION
- ✓ CAMP SCALE GOLD TARGETS
- ✓ YAMARNA BELT REGION
- ✓ “GRUYERE” LOOK-ALIKE TARGETS

- Mount Venn belt associated with the Yamarna Shear, adjacent to Gold Road Resources’ (ASX:GOR) emerging world class Yamarna Gold Project
- Look-alike belt to the Dorothy Hills belt, host to GOR’s *Gruyere* gold deposit (6.16 Mozs. gold)
- Approximately 50km of strike in one of the most under-explored greenstone belts in Western Australia
- Exploration to focus on Camp Scale gold targets

*“It is rare to secure such a large land position in an area rapidly becoming known as a world class gold camp. The geological setting being analogous to the 6 million ounce Gruyere gold deposit and the fact that very little systematic gold exploration has occurred at Mount Venn makes the project a particularly exciting opportunity for the Company”*



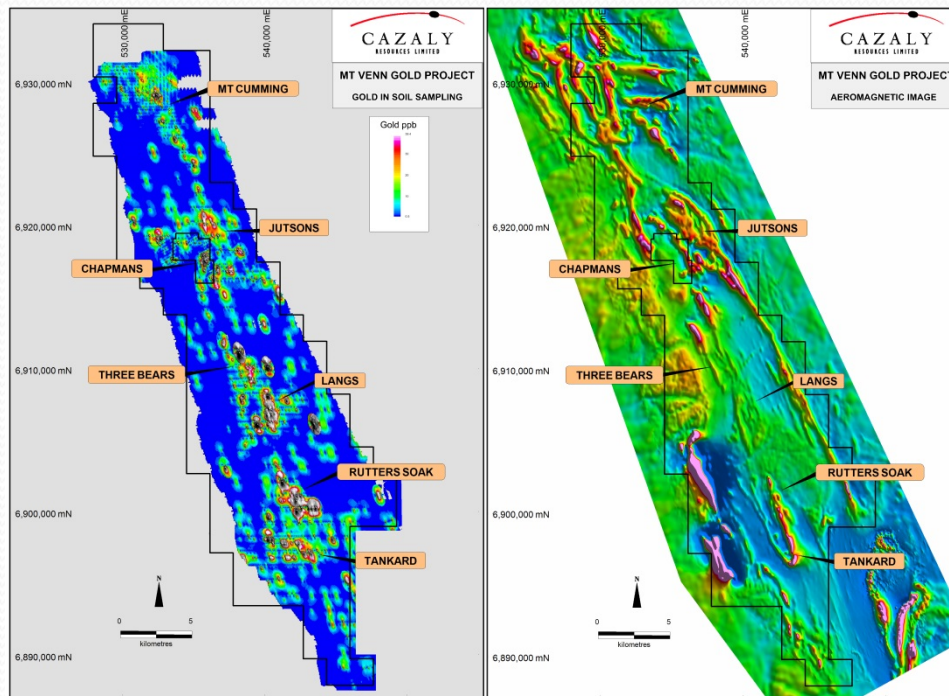


## HISTORIC WORK

- 1923; a State Prospecting Party discovered visible gold in prospecting pits at Chapman's Reward
- 1971; Kennecott Exploration, Tasminex & International Nickel conducted various exploration for nickel
- 1993 to 1999; Hunter Resources Ltd conducted a review of the Mt Venn area. Quadrant Australia/Elmina NL acquired aeromagnetic and radiometric data together with Landsat TM imagery. Rock chip sampling recorded gold values of 20.5 g/t, 15.8 g/t from Jutson rocks. Regional soil sampling identified a large anomalous areas at Lang's Find and several other smaller gold anomalies
- 2000 to 2006; Helix Resources conducted further exploration largely for nickel completing infill soil sampling and vacuum drilling in the Mt Warren and Mt Cornell areas
- More recently, Global Metals Exploration conducted airborne magnetics & radiometrics, airborne and ground EM, regional soils & auger, RAB, Aircore & RC drilling

# Mount Venn Gold

## RECENT WORK

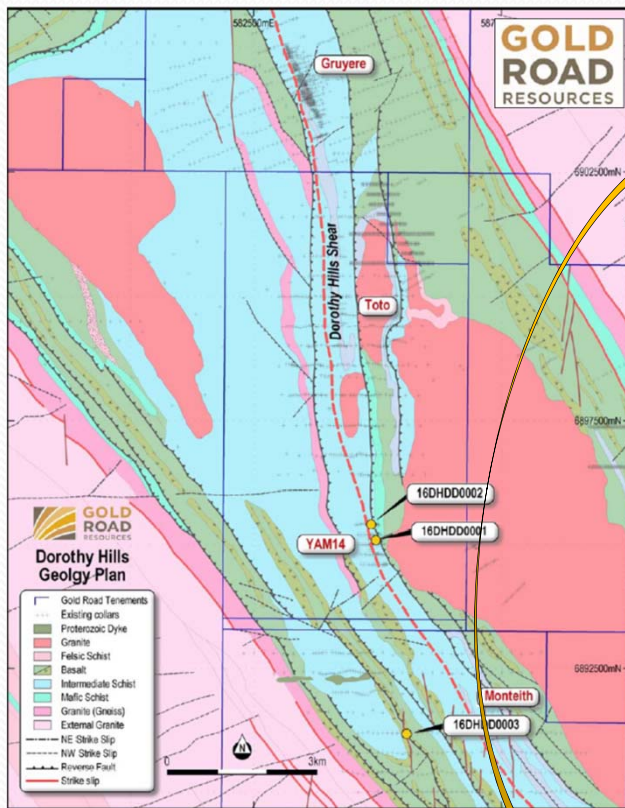


- Good regional database generated by previous explorers – solid base to work from
- Global Metals Exploration conducted regional soils, auger, 86 RAB holes, 74 Aircore, 15 RC holes. Airborne magnetics & radiometrics and airborne and ground EM
- However, only two geochem anomalies followed up with drilling and then largely only down to <50m within weathered rocks
- Great majority of widespread gold in soil/auger anomalies remain untested
- Most historic work focussed on Nickel exploration

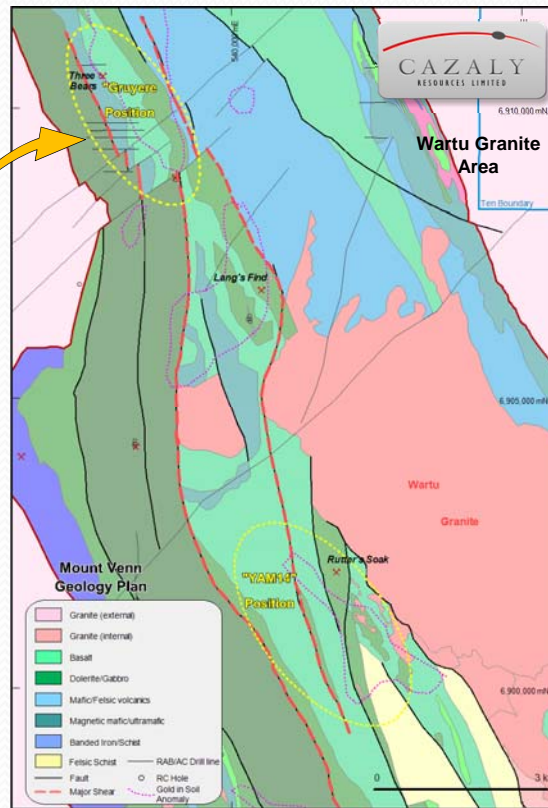
*Detailed reassessment and analysis of existing data plus recent re-processing of geophysics by Cazaly has highlighted key areas of focus with camp scale gold targets generated*



# Mount Venn 'Gruyere' Comparison

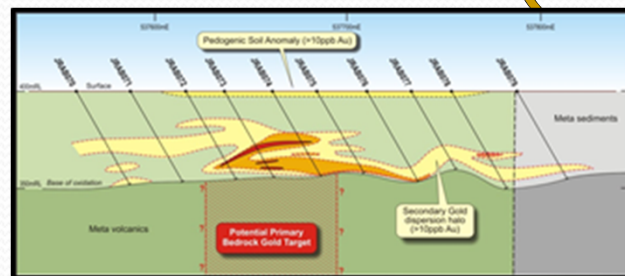


Source: GOR ASX announcement 21 June 2016



Plans at same scale showing striking similarities between the geological setting of the 6Moz. *Gruyere* gold deposit and Cazaly's *Wartu Granite* area within the Mount Venn belt. The Wartu area is virtually unexplored but with large gold in soil/auger anomalies coincident with major structural and geological target positions.

- ✓ **NARROW BELT**
- ✓ **FAVORABLE HOST LITHOLOGIES**
- ✓ **LARGE INTERNAL GRANITES**
- ✓ **'INFLECTIONS' ALONG KEY MAJOR SHEAR ZONES**



## THREE BEARS PROSPECT

- Only prospect in the Wartu Granite area to have been drilled to any extent
- Six lines of RAB/AC but only drilled to base of weathering, ~50m deep
- Gold in drilling defined over ~2km; 12m @ 1.13, 26m @ 0.27, 16m @ 0.36 g/t Au
- Sits exactly in the postulated 'Gruyere' position, no drilling into fresh rock

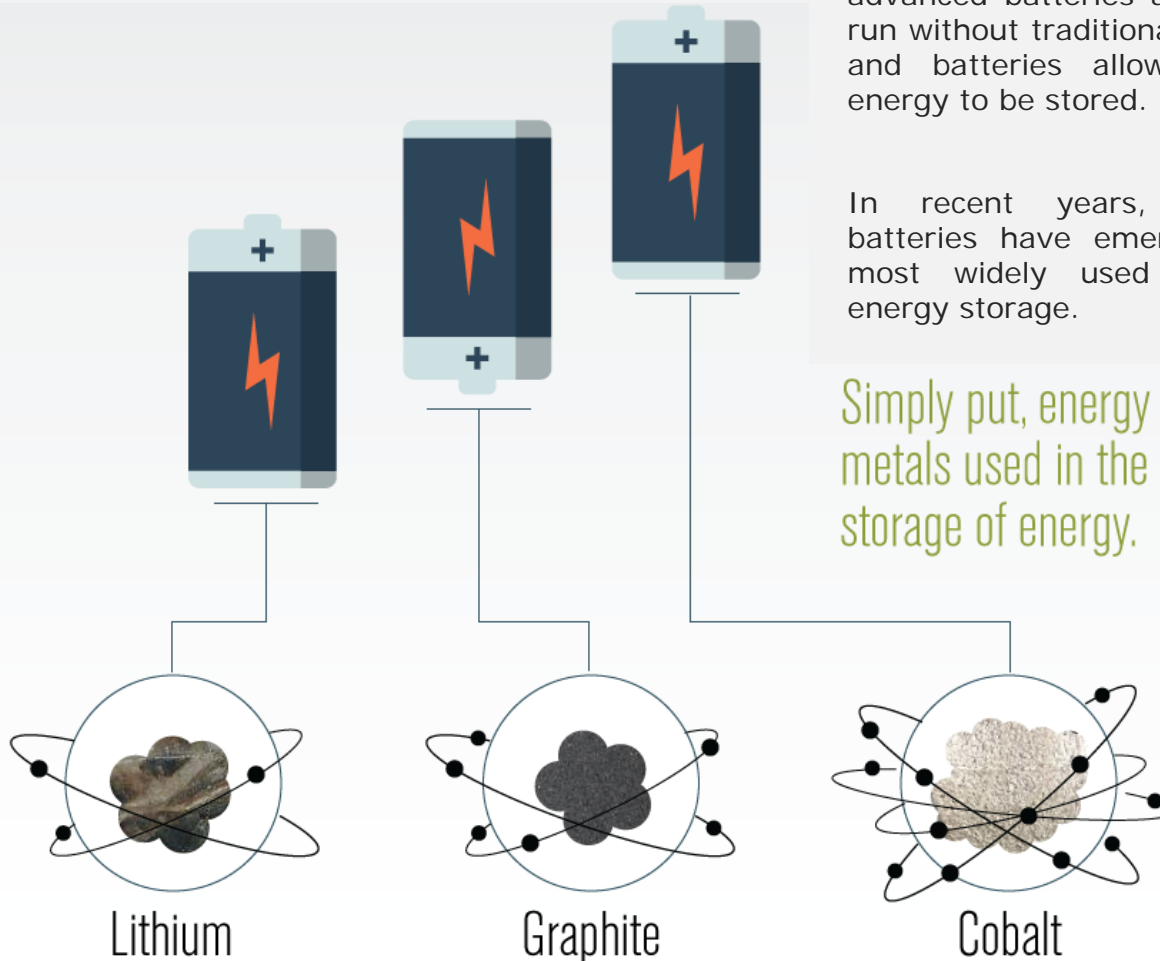
## WALK UP DRILL TARGET

# The Energy Metals

Clean energy requires efficient energy storage. Today's advanced batteries allow cars to run without traditional fossil fuels and batteries allow renewable energy to be stored.

In recent years, lithium-ion batteries have emerged as the most widely used choice for energy storage.

Simply put, energy metals are metals used in the creation or storage of energy.



Lithium

Lithium is the main ingredient to lithium-ion batteries – the metal's ions move back and forth to charge and discharge the battery.

Graphite

The most common anode material for lithium-ion batteries.

Cobalt

Widely used in lithium-ion cathodes.

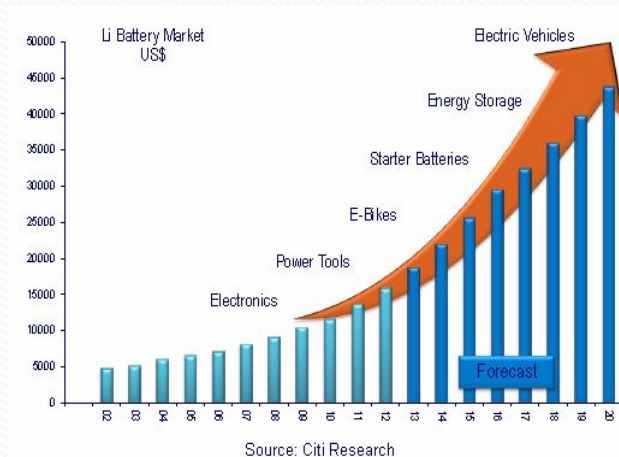




# Three Keys to Battery Production

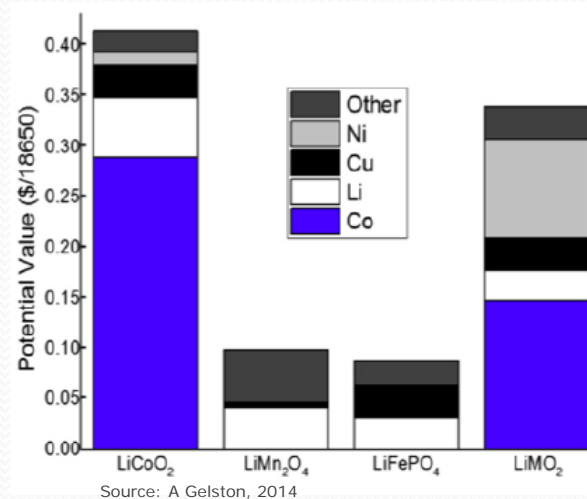
## LITHIUM

- Unprecedented demand & growth projections as battery 'Giants' scale up production
- Demand driven by growth in hybrid & electric vehicles & mass energy storage systems
- China's demand will dwarf the increased demand from the new giga-factories



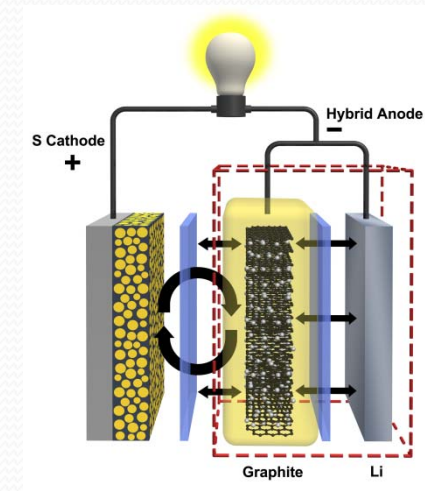
## COBALT

- Cobalt bearing cathodes (LCO's) recognised as having the highest energy storage capacity
- Cobalt supply is constrained, limited as a by-product to copper & nickel mining
- Cobalt only mines are rare (<6% of world's supply)



## GRAPHITE

- Major component of lithium ion batteries
- Current demand exceeds supply
- Supply an issue as China accounts for ~80% of world supply
- A "Supply critical mineral" & a "Strategic mineral" for the USA & European Union



Source: Nature Communications, 2014

# Our Assets: New Age Battery Materials

- Goldfields Lithium Alliance (GLiA)

Alliance with Lithium Australia NL (ASX:LIT) for the sourcing & development of lithium projects in the Goldfields region of Western Australia. 50/50 share in the historic Lepidolite Hill lithium mines

- Mount Tabor & Bungonia Cobalt Projects

Mount Tabor (Qld) covers 20km of known cobalt-manganese mineralisation

Bungonia (NSW) covers ~240km<sup>2</sup> with several significant pods of known cobalt-manganese mineralisation

- McKenzie Springs Graphite

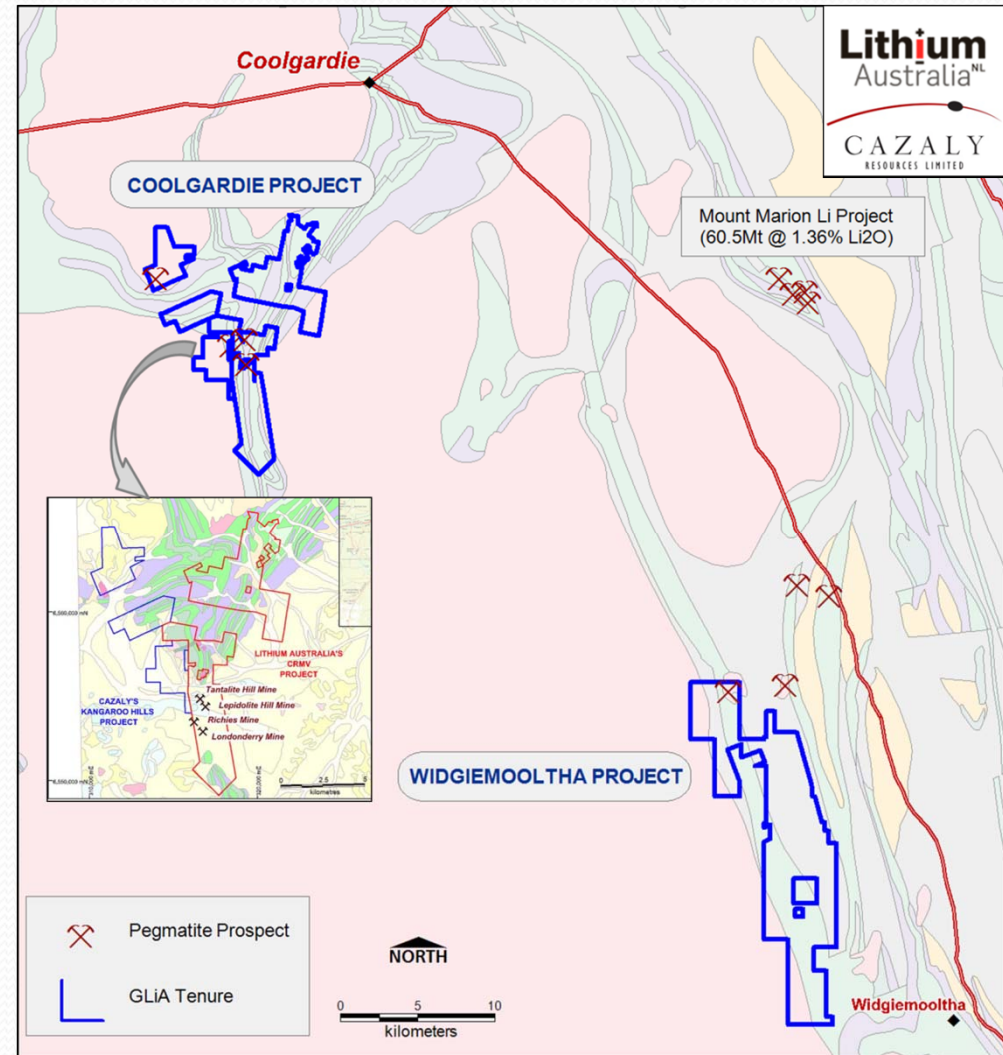
Large project tenure with ~15km of coarse flake graphite bearing strike defined in the Kimberley region of Western Australia





# Goldfields Lithium Alliance (GLiA)

- Alliance signed for the exploration and development of lithium projects in the Goldfields Region of Western Australia with Lithium Australia NL (“LIT”)
- Existing and future holdings in the region to be combined to form a 50/50
- Grants Cazaly access to 50% of LIT’s rights to the Coolgardie Rare Metals Venture including the *Lepidolite Hill Lithium mine*
- Lithium rights recently acquired over the Widgiemooltha project
- Rights include a licence accessing LIT’s Sileach™ lithium extraction technology for the Alliance projects



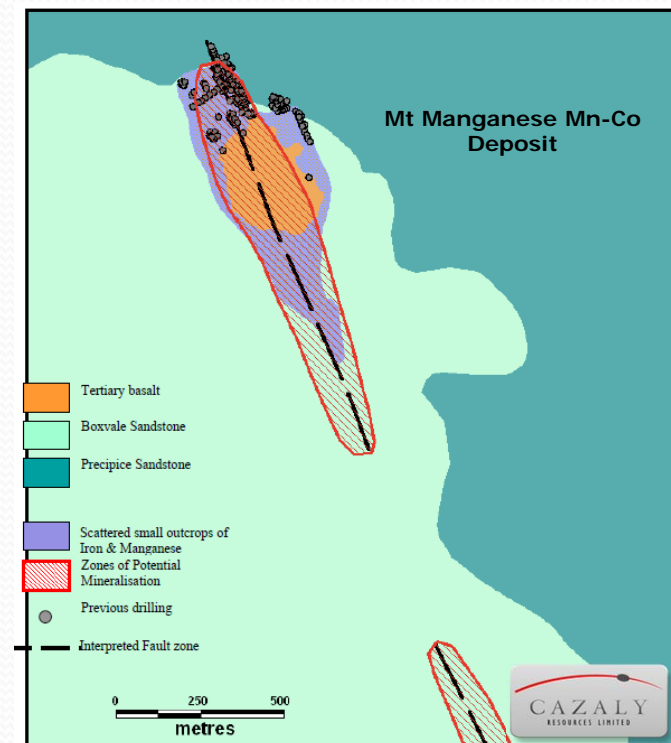
# Mount Tabor Cobalt

- Application lodged over known Cobalt-Manganese mineralisation in South Central Queensland
- Project extends for ~30km with several small but significant pods of known mineralisation
- Cobalt mineralisation observed over several prospects; *Mt Manganese*, *Mt Gould*, *Alpha*, *Mt Bally-Lethbridge*, *Mt Emily* and *Carnarvon*
- Metallurgical studies confirm that several leachants, including sulphuric acid, alkaline cyanide and ammonia may be suitable for treating the ore

Sample No	Co ppm	Ni ppm	Cu ppm	Mn ppm
O/C1	11,000	740	1,700	22,000
O/C2	16,300	1,200	1,500	21,000
O/C3	13,400	900	2,800	24,000
O/C4	28,900	2,500	3,600	23,000
O/C5	8,100	500	1,600	21,000
O/C6	1,100	140	3,900	20,000

Analysis of Bulk Samples, Mt Manganese (Mineral Deposits Ltd)

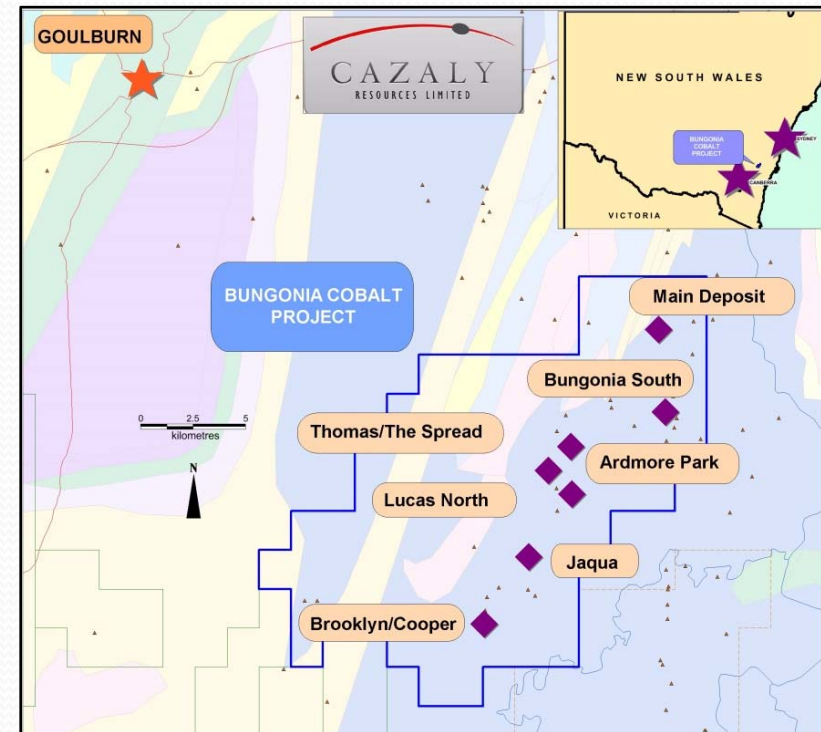
“Declining cobalt production during a period of rapidly increasing demand from a single industry is likely to have a highly adverse impact on cobalt prices unless somebody is sitting on a massive shovel ready cobalt deposit that doesn’t show up in the literature.” (J. Petersen, Investor Intel.com, April 1, 2016)





# Bungonia Cobalt

- Application lodged over known Cobalt-Manganese mineralisation in the Lachlan Fold Belt of NSW
- Project covers ~240km<sup>2</sup> with several small but significant pods of known cobalt-manganese mineralisation
- *Jacqua* prospect returned rock chip assays >1% cobalt from manganeseiferous grits whilst at *Brooklyn* similar mineralised grits were observed extending for over 700m
- Initial metallurgical studies positive indicating recoveries of 83.2% Co, 79.5% Cu and 85.9% Ni



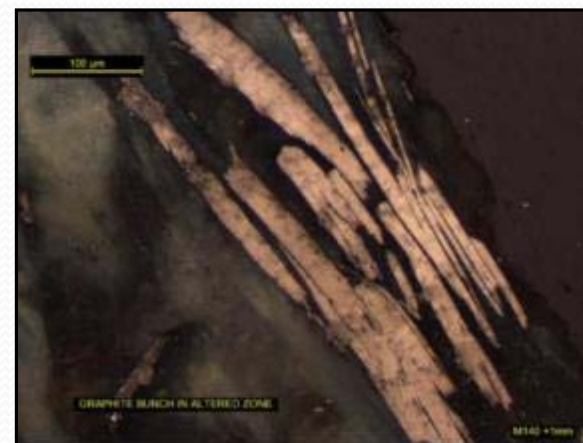
*“This Bungonia project provides Cazaly with further exposure to the cobalt market adding to the company’s Mount Tabor project in Queensland. Pure cobalt mines are a rare breed, making up less than 6% of global cobalt supply, and are set to become increasingly important in this increasingly competitive end user market.”*



# McKenzie Springs Graphite

- ~15km strike of graphite bearing stratigraphy, Kimberley region of Western Australia
- High grade graphite surface samples (22.4 – 23.9% TGC)
- Geological setting similar to nearby McIntosh deposits (Hexagon Resources Ltd - ASX:HXG)
- Preliminary petrographic analyses positive
- Graphite dominated by premium Coarse Flake Graphite (65% >300 µm)

Size Classification	Micron	Flake Distribution %
Jumbo	>500µm	20%
Extra Large	>300µm	45%
Large	>200µm	15%
Medium	<200µm	20%







# Other Assets

## **Parker Range Iron Ore**

Near mine-ready iron ore deposit located in the Yilgarn of Western Australia. Ultra low Phosphorous haematite ore, full DFS near major infrastructure & key approvals in place

## **McKenzie Springs Nickel**

Located immediately south & along strike of the Savannah Nickel Mine (Panoramic Res.), Kimberley, WA. Prospective ultramafic basal contact extends for ~15km. Limited historic work, High grade gossan samples returned 12.8% Cu, 1.92% Ni, 0.17% Co

## **Halls Creek Copper (DDD 80%, CAZ 20%)**

Hosts VMS Mt Angelo North copper-zinc deposit and the Mt Angelo Cu Porphyry. Numerous look-alike VMS targets to explore. Kimberley, WA

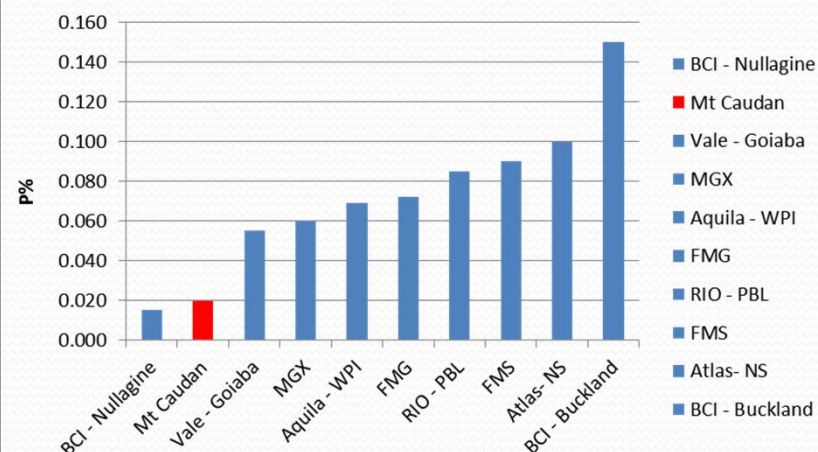
## **Czech Republic (CAZ 80%)**

*Brzkov & Horni Venice* project applications. State enterprise Diamo are closing the country's only operating uranium mine & has indicated interest in mining at Brzkov

# Parker Range Iron Ore

- Quality DSO haematite-Goethite resource, Ready to Mine
- Excellent infrastructure, existing road, rail & port
- Feasibility Studies done, key approvals received
- Initial 8-9 years mine life, low Phos, highly marketable 'sinter' feed blend ore
- Granted Mining Licence, active mining region
- Contract mine, ramp up production to 4.2Mtpa
- Truck 58km to rail head, rail to Port, export to market

**Iron Ore Fines P% benchmarking**



**Single Fines Only Product Targeted Chemistry**

Option	CaFe %	Fe %	SiO2 %	Al2O3 %	P %	S %	Mn %	LOI %
FINES	61.9	56.4	6.0	2.50	0.020	0.08	1.10	9.10







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