

11 October 2018

ASX ANNOUNCEMENT

By Electronic Lodgement

Chair's Address to AGM

I will now present my address before proceeding to the formal business of the meeting. Following the meeting there will be an opportunity for general discussion with the directors and we will also present a power point slide pack, about the Company direction and Strategy. This will also be placed upon the ASX.

As Chairman of the Company I am extremely pleased with the overall progress and position of Moreton Resources, given the issues and challenges we have faced, but equally we have continued to deliver against our mandate which was put to the market in 2014, by the relevant Board at that time. At that stage, I held the role of CEO and Director, and hence operated as a Managing Director for several years, keeping a very clear mandate against that 2014 agenda, in what was really our first year as a newly focused and revitalised Company.

In essence, at that time that our Coal assets were exceptionally valuable to us, and hence we needed to hold them for the long term whilst the market rebounded, but in the meantime we needed to identify some near-term assets that could sustain us and look to add value to the Company.

Hence the journey to date, which I feel is about to be realised by the incumbent boards decision to undertake a strategic review of all our assets, having the potential to unlock and realise shareholder value in the near term. I also feel this will enable the Company to focus on a more streamlined portfolio and deliver operational outcomes, which to date we have struggled to deliver on the ground.

In saying this, the perspective is we are now 4 years into that plan, whilst we have had senior managers come and go, revitalised boards and our fair share of regulatory hurdles and disappointments, the Coal market has rebounded and, in my opinion, has a long way to run. Now is the optimal time to consolidate our efforts and focus upon the future, with a review of our strategy. Hence the recent decision by the board to undertake a strategic review and look to optimise shareholder value and ensure a sustainable business moving forward, and subsequently post those decisions, the appointment of a new CEO to the group, to help navigate that mandate and deliver the outcomes set by the board.

That hand over process, has a defined and set agenda by the board, that has leveraged off the 2014 decisions which have realised strong growth over that time in our share price, a balance sheet which has a significant asset base (albeit I feel well undervalued) and strong prospects in the Metals and Coal space. The challenges facing the board over the coming months and onward, will be far more strategic and forward looking than our day to day issues, such as our continued struggle to bring the Granite Belt into production and the regulatory issues pertaining to environmental legacy's and taxation issues. One way or another these will all be resolved.

Whilst we cannot guarantee the outcome, the decision to advance with a strategic review, was on the back of already being in discussion and talks, and having several confidentiality agreements in play, for a myriad of potential transaction and opportunities. However, we must approach that with caution as very few deals generally come to a successful conclusion and our shareholders should be cautious on this front. However, having brought in the significant resources and expertise by way of Aitkin Murray Capital Partners out of Sydney and Long Reach Capital from Perth, we feel we have the expertise and market know-how behind us, to seek to maximise our position, given the strong portfolio we hold.

The critical point is these opportunities, deals or strategies that will or will not lead to imminent transactions, are not overnight outcomes, they are the outcomes of key long term decisions made in early to mid 2014, and that have been held true through the negotiations and acquisition of EPC 882 in late 2015 after 18 months of negotiation, which now is the key asset and underpinning tenement that makes what I believe the South Burnett Coal Project so compelling. As to the almost 2-year due diligence and negotiations of the Granite Belt Project, which through non-conventional means we were able to acquire off the liquidator in mid-2016, a journey which started in early 2014. Having acquired the tenements for the Granite Belt, which then took just over a year of hard work to have a fully granted ML with significant upside potential. Ultimately the value to these assets will be realised by additional development, drilling and technical support for advancement.

In saying all that, the three key disappointments that continue to challenge us are the AusIndustry issue pertaining to historic R&D, whereby a decision has been handed down reliant upon UCG being proven and commercialised technology. A decision which has us continuing this distracting and challenging process for us, as it has been since 2013. This is similar to the continued process of negotiation and challenge around our environmental responsibilities with the Granite Belt, having agreed MRV Metals Pty Ltd is not liable for prior harm recently, but not seeing that yet, reflected in our Financial Assurance calculations.

Last, but not least, is our lack of delivery in the Granite Belt project, specifically upon the recommissioning of the heaps. Whilst we are confident with the mechanical and technical issues, we struggle to ensure constant and consistent leadership with the critical day to day outcomes being delivered. What should be a relatively straight forward process, is continuing to offer challenges that we continue to seek to rectify. However, the net sum of the struggles and issues on that production front, pale in my view in comparison to the significant upside potential of not only the Silver story, but also Lead, Gold, Copper and Zinc, that will only be realised by positive advancement and a forward looking operational capability, within the Company. It is pleasing we have made a senior appointment to the Metals subsidiary due to commence in late October 2018, with 30 years experience in Gold and Silver extraction.

So in summary, whilst we have challenges and certainly distractions we would prefer not to be dealing with, the overall picture of our share price growth over the last 4 years, our balance sheet and our Asset portfolio actually leave us in a strong position. The key challenge for us now as a board, is how do we narrow our focus whilst unlocking value, so we can have near term results after achieving our long-term objectives.

I am certainly proud of the transparent culture, the relationship-based approach and the dedication of our long-term staff, and those key stakeholders whom have stuck with us over this period, based upon the relationships and operating style that is Moreton Resources Limited. What is now key, is we stay true to that, as this Company has been structured and developed to be focused upon the good of the Company, which in turn should be prosperous for all shareholders, and hence that is about reliability, structure, accountability and the feeling of dealing with a known quantity, which I know from many of my interactions with shareholders more recently, you have appreciated to date.

The board, I am sure will continue to offer that to our shareholder base, and we welcome Mr Terry Bourke as the newly appointed CEO to continue that work, that is already set in place, which should give you comfort that the Company will continue to grow and develop or long term outlook, whilst we must deliver our day to day objectives and overcome the immediate challenges.

Thank you again for an enjoyable year and supporting our Company, your Company, in what has been challenging times.

Regards

Jason Elks
Executive Chairman
Moreton Resources Limited

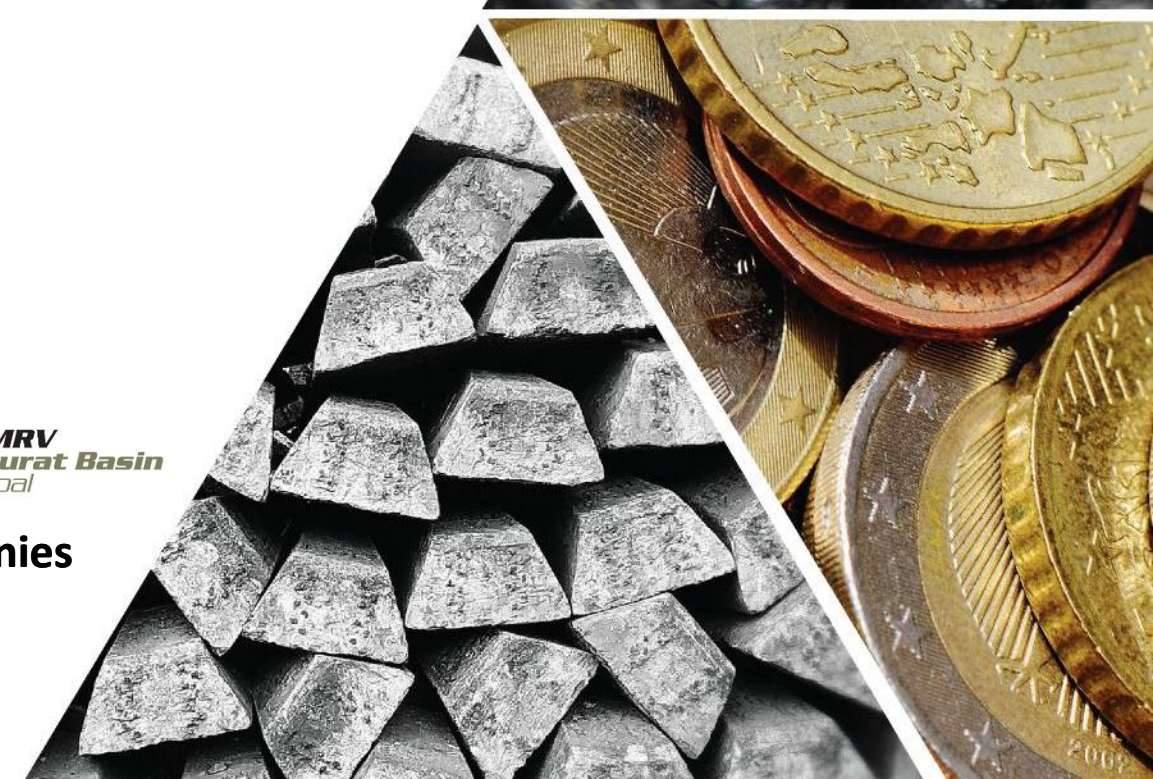
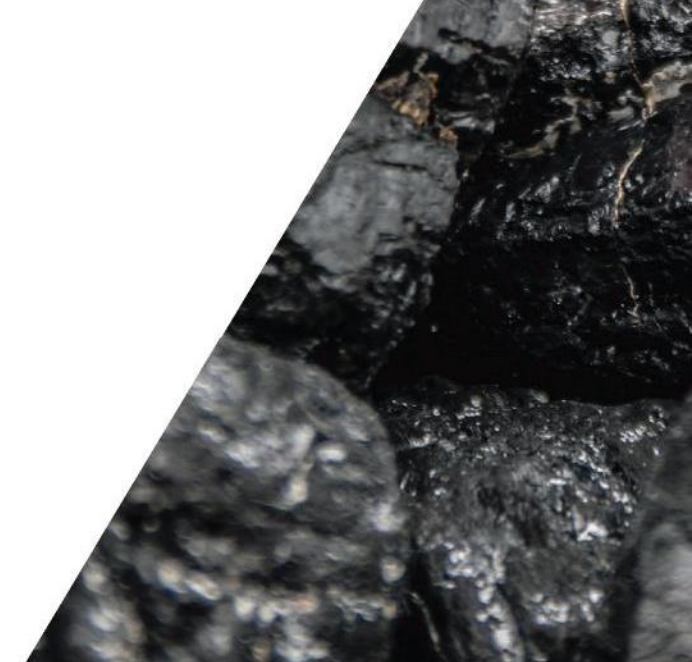


AGM Presentation

11 October 2018



Part of the Moreton Resources Limited Group of Companies



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This document contains certain “forward-looking statements”. The words “forecast”, “estimate”, “like”, “anticipate”, “project”, “opinion”, “should”, “could”, “may”, “target” and other similar expressions are intended to identify forward looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. You are cautioned not to place undue reliance on forward looking statements. Although due care and attention has been used in the preparation of forward looking statements, such statements, opinions and estimates are based on assumptions and contingencies that are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. Recipients of the document must make their own independent investigations, consideration and evaluation. By accepting this document, the Recipient agrees that if it proceeds further with its investigations, consideration or evaluation of investing in the Company it will make and rely solely upon its own investigations and inquiries and will not in any way rely upon this document.


COMPETENT PERSON STATEMENT: The information in this report that relates to MDL 385, MDL 503 & MDL 420 is extracted from ASX announcements titled: *MRV announces South Burnett Coal Resources of 912m tonnes* issued on 10 December 2015, ASX announcement titled *Significant JORC underpins MLA700015 on 15 December 2017*, ASX announcement titled *Mackenzie PCI Coal Project I Maiden Resource Statement on 17 July 2013*, ASX announcement titled *Mackenzie Campaign Identifies Coking Coal* issued on 2 September 2015 and *Wandoan Coal JORC Resource Exceeds Expectations* issued on 18 August 2009 respectively. In addition to these, the announcement also refers to information that relates to the following ASX announcements containing competent person statements in “MRV Metals confirms Harrier Prospect Potential 18 July 2016, MRV Metals confirms Significant Target at Hornet 19 July 2016 and Hawker Prospect 18 July 2016.” These announcements contain a separate Competent Person Statement and are available to view on the Company’s website: www.moretonresources.com.au and the ASX.


The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.


What has been achieved


 Another year of Nil Lost Time Injuries or Environmental Exceedances to 30 June 2018.


 Strongly supporting the Granite Belt and Southern Downs Region with employment, contract awards and local purchasing, which in return has been strong loyal support for our subsidiary MRV Metals Pty Ltd


 Significant enhancement environmental value across the Granite Belt Project Site taking a sustainable approach to the environment.

 Initial drill program, whereby 2 initial holes were completed at the Granite Belt Exploration Project, what was ceased due to uncertainty with our Financial Assurance discussions

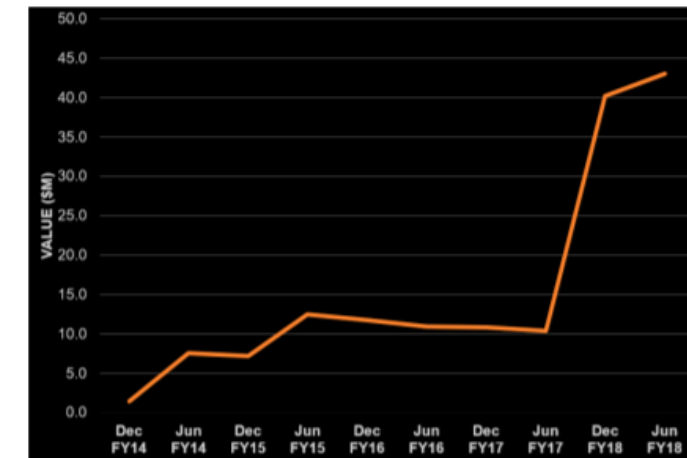
 Continued advancement of the South Burnett Project and awaiting update of Mine Plan and Reserve Statement.

 Successful infill drilling program at the South Burnett to understand our total opportunity on Coal qualities and quantifies..

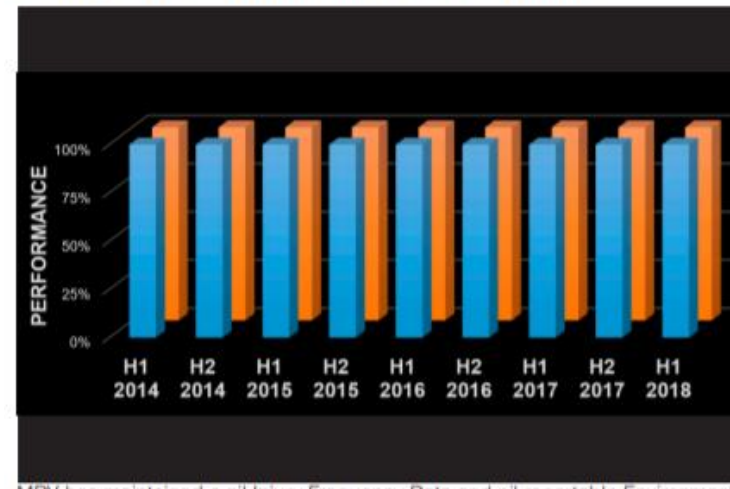
 Advanced our technical studies and EIS advancement, with infrastructure studies and environmental reviews completed.

 Strong community and stakeholder engagement across the regions in which we operate has continued, which enhances our social license to operate

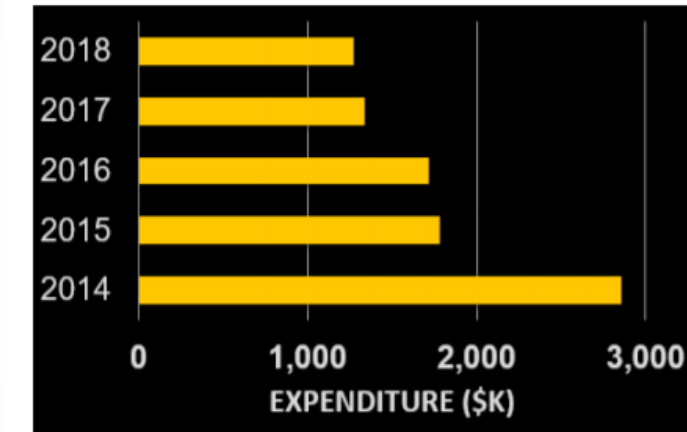
Other Asset Value of MRV



Safety and Environment Performance



Corporate Costs



Challenges before us









We continue to navigate

- Our advancement plans at the Granite Belt Project - being challenged by the historic condition of the site.
- Positive agreement achieved with The Department of Environment and Science that MRV Metals is not liable for prior harm. However, this has not reflected in the latest Financial Assurance calculations, which presents the company with ongoing negotiations with the regulator.



We move into what is seen as a very buoyant market for Coal resources and assets, hence the decision by the Board to look toward a Strategic Review and re-evaluate our strategy of 2014, which we have stayed true to since that time, and remain so today, about building a Company that can advance our major Coal Assets, to optimise the return to our shareholders.

Strategic Focus 2018-2019 and beyond

-  Delivery of a final product specification and mine plan, which will allow for final approvals and technical evaluation of the South Burnett to be completed.
-  Delivery of EIS shortly after finalization of technical assessment of the South Burnett Coal Project and advancement into Mining Lease approvals based upon applications lodged in 2016.
-  Surat Basin/Wandoan project – continue to advance discussions with third parties and determine the best way forward to unlock shareholder value
-  Seek to achieve success in operating sustainable recoveries at the MRV Metals Granite Belt Project with advancement in Silver production and potential other metals
-  Advancement of MRV Metals Granite Belt Exploration Project with over 10,000m of drilling intended, focusing upon additional Silver and Zinc targets, followed by three Copper targets
-  Review and upgrade of the MRV Bowen Basin project, Mackenzie and advance the EIS upon the Surat Basin Project



January 2018 Drill Program Arcott State Forest Texas QLD



Grouped Coal Assets Presentation

October 2018



Part of the Moreton Resources Limited Group of Companies



COMPANY OVERVIEW



- MRV Bowen Basin Coal Pty Ltd
- 100% Fully Owned Subsidiary
- Current holder of two assets; MDL 503 and EPC 1145
- PCI /Coking Coal located in world renowned Bowen Basin, Queensland, Australia

Asset Portfolio

MDL 503



- 1872.1 Hectares
- 25km NW Blackwater
- Permit ID – MDL 503 – Granted
Expiry 31 October 2019
- High Level Mine Plan Scoping Study completed in 2013 and 2016
- 2 JORC identifying compliant resources and significant coal inventories
- Infrastructure rich area
- Additional exploration required to identify full potential

EPC 1445



- Approx. 312 Hectares (1 Sub-Block)
- 30km NE Blackwater
- Permit ID - EPC 1445 - Granted
Expiry 28 June 2022
- Strategic Value in additional acquisition or divestment to contiguous block holders

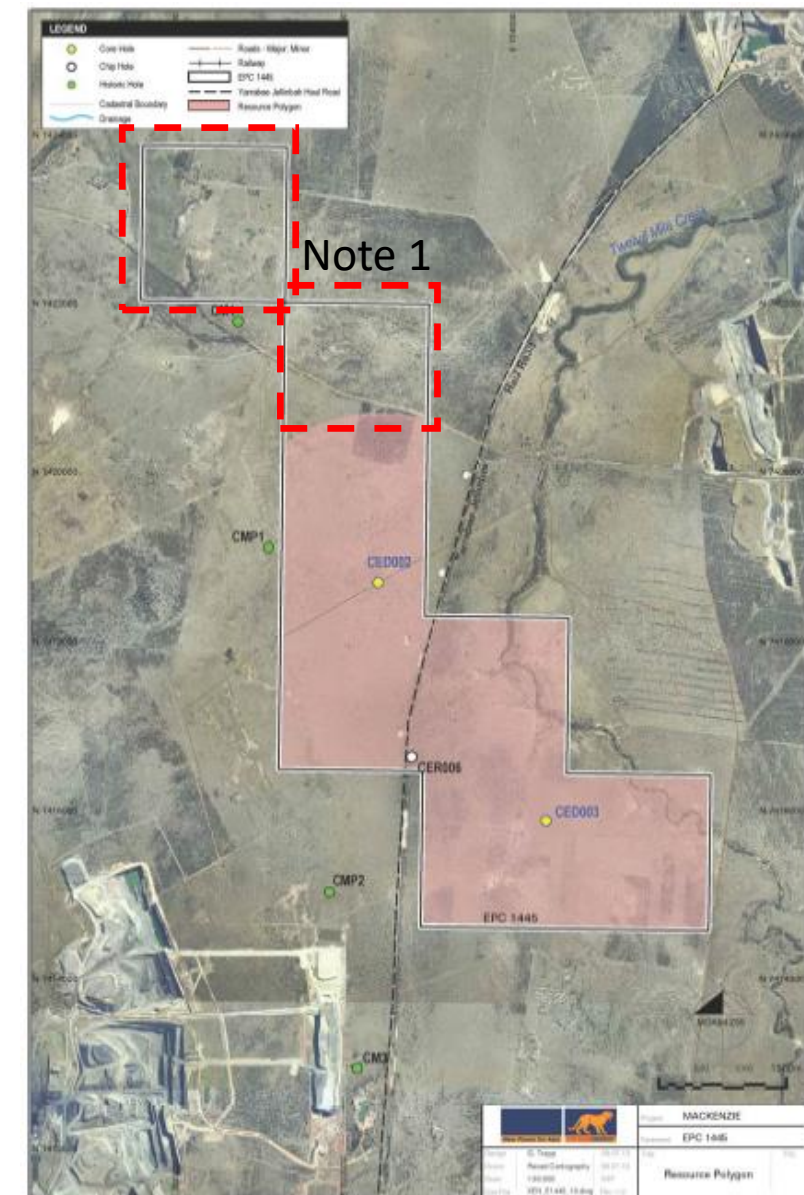
Coal Inventories 2013

Asset	Estimated Inventory (Including JORC)	JORC 2013		
		Measured	Indicated	Inferred
MDL 503	Potential Upside	-	-	201Mt
EPC 1445	Potential Upside	Upside potential		

Notes:

1. 2013 JORC by Xenith only addressed approx. 5 sub-blocks due to limited drill data out of the total 7 blocks available*
2. Significant survey data available in QLD Geo Database
3. Located centrally within a known mining precinct with significant infrastructure to support mining operations through to port

* Indication of area not included in 2013 JORC



ASX Announcement: *Mackenzie PCI Coal Project / Maiden Resource Statement on 17 July 2013*

Coal Inventories 2015

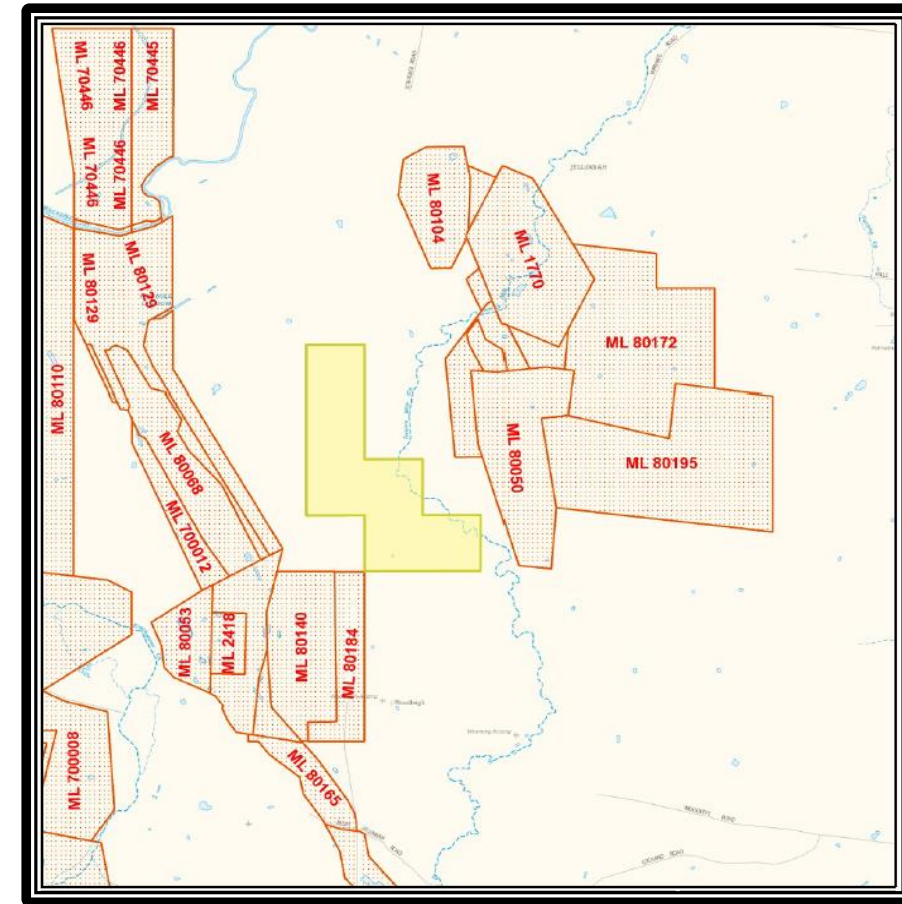
Asset	Estimated Inventory (Including JORC)	JORC 2015		
		Measured	Indicated	Inferred
MDL 503	Ref 2013 JORC	-	65.1Mt	73Mt
EPC 1445	Upside	Upside potential		

Notes:

1. 2015 Program undertaken upon upper seams as multiple drilling issues limited data at depth, being despite good drilling, holes were completed 40-60m short of programmed depth.
2. JORC released in 2015, based upon material market obligations however significant limitations were identified in the drafting and compilation of the JORC due to lack of data at depth through the program.
3. 2017 Measured Group review of base geological data through scoping study, supported mineability with potential inventories above released JORC statements of 2013 and 2015.
4. Due to failings of the 2015 program, a potential upside for this asset is in additional drilling on EPC1445, which has potential to add tonnage to the prior overall JORC estimates due to continuation of all known coal seam sequences.

ASX Announcement: *Mackenzie Campaign Identifies Coking Coal* issued on 2 September 2015

Well established mining region

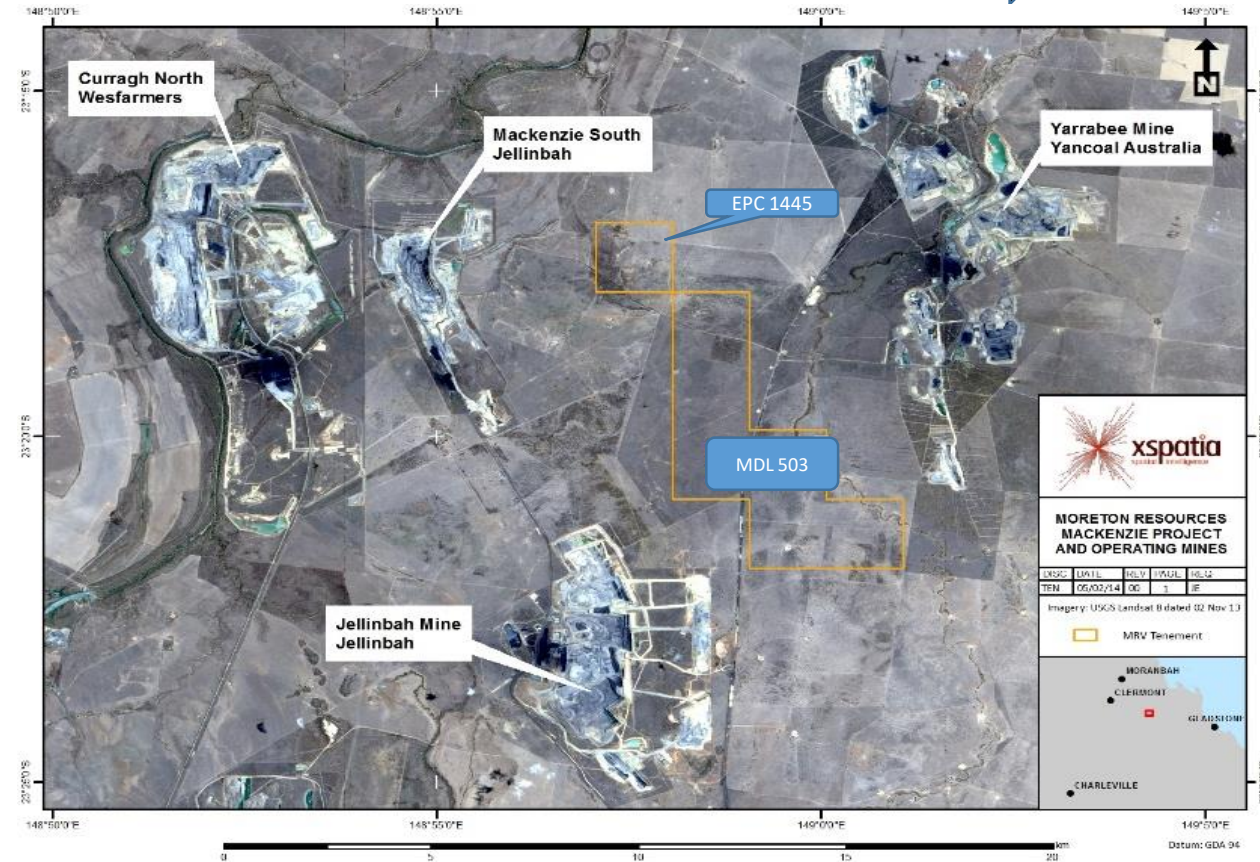


MDL 503 – Surrounding Mining Leases

Central Location in highly profitable mining precinct

Potential....Forward Looking

- Prospect has three opportunities in addition to increased inventories and potential resources and reserves, by reinterpretation or additional drilling
 - Stand alone operation
 - Mine and toll treat through existing operators
 - JV with existing operator within region



Regional Sales of Assets in Area

2010#

Corrs advises Macarthur Coal on its agreement with MCG Coal Holding Pty Ltd to provide a \$360 million finance facility for the purpose of acquiring 90% of MDL 162, a coal mining asset located in the Bowen Basin in Central Queensland.

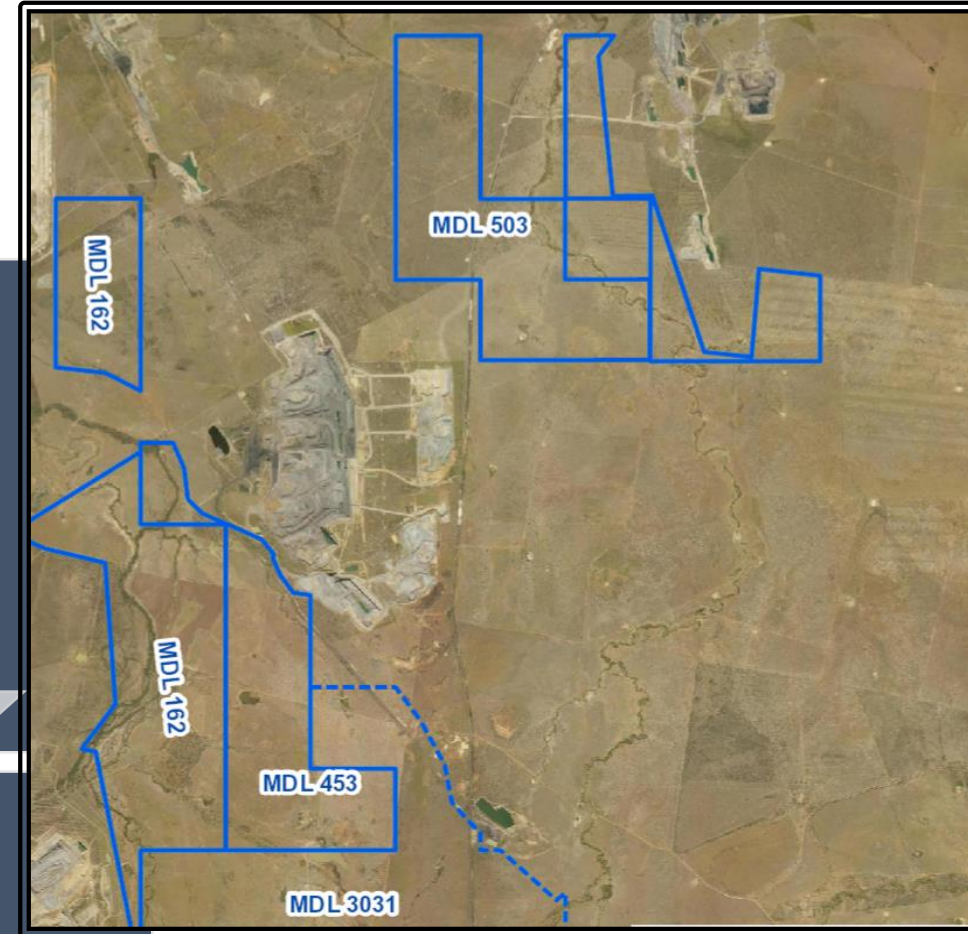
20 January 2014%

Wesfarmers' Resources division (Wesfarmers Resources) has agreed to acquire Mineral Development Licence 162 (MDL 162) from Peabody Energy Corporation, for \$70 million.

MDL 162 is located between and adjacent to the Wesfarmers Resources' Curragh and Curragh North mining leases and contains 67 million tonnes (mt) of Coal Reserves' within a total Coal Resource of 255mt. The acquisition will augment the total base of Coal Reserves potentially available for mining and processing at Curragh's coal handling and preparation plants by approximately 29 per cent.

2018

This asset, is in fact opposite MDL 503 with an active mine between the two, and is the similar Coal Measures with a **high of \$360 Million for 90% and a low of \$70 Million**



COMPANY OVERVIEW



- MRV Surat Basin Coal Pty Ltd
- 100% Fully Owned Subsidiary
- Single Asset with significant footprint and close proximity to potential infrastructure advancement
- Early stage JORC, pre 2012 compliance

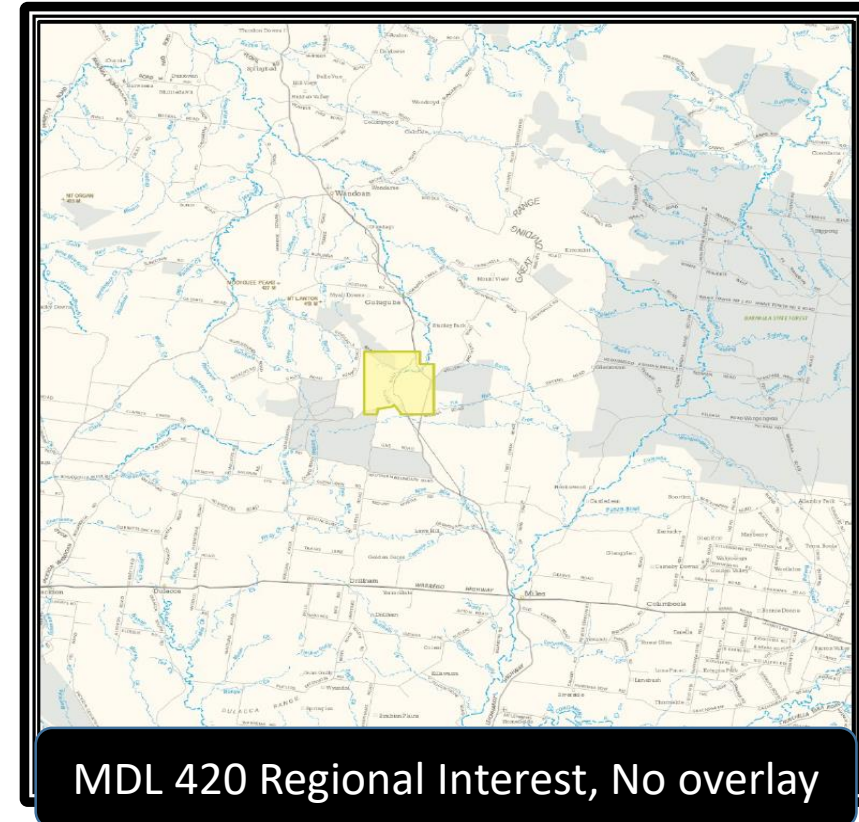
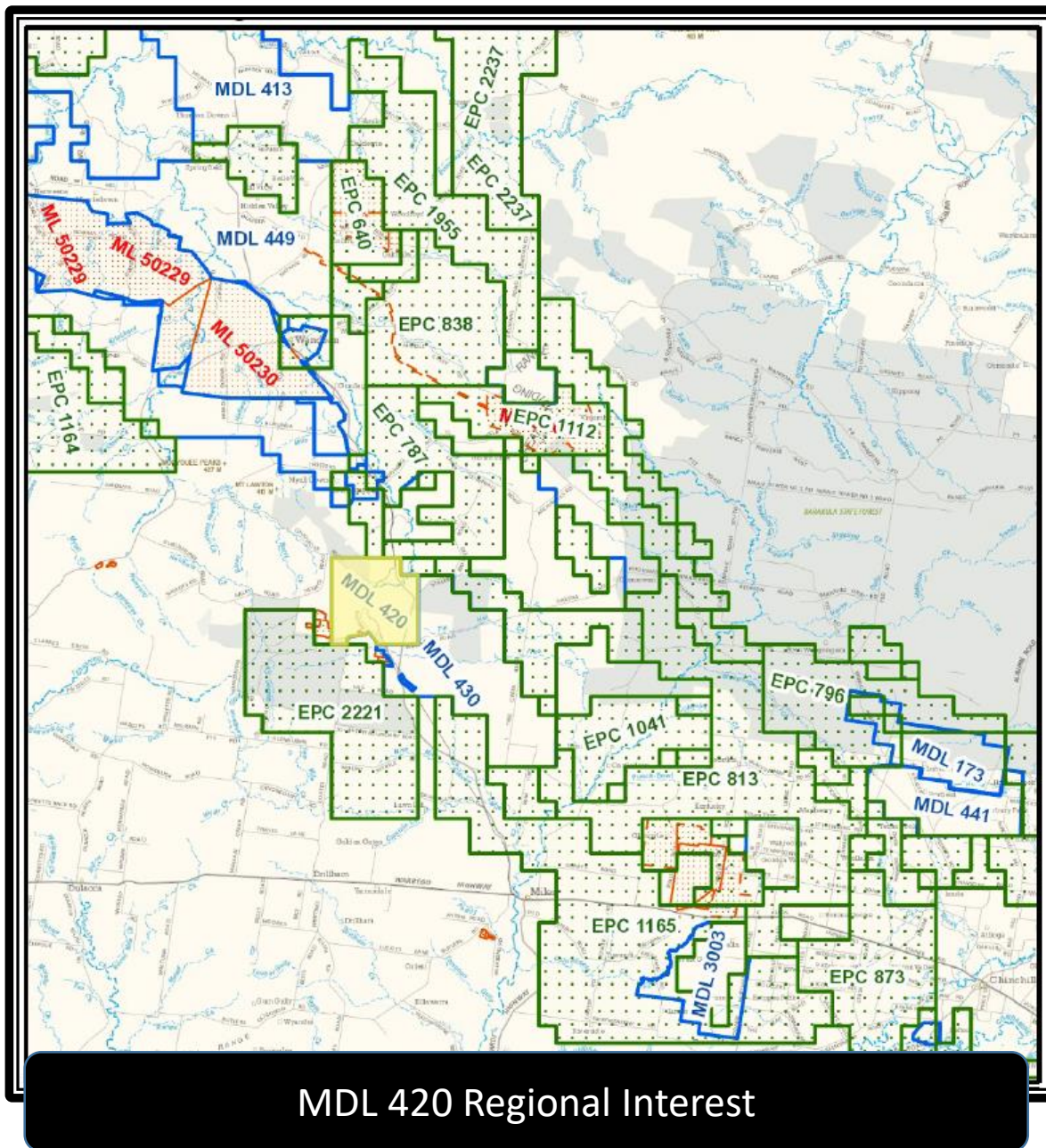
Asset Portfolio



MDL 420

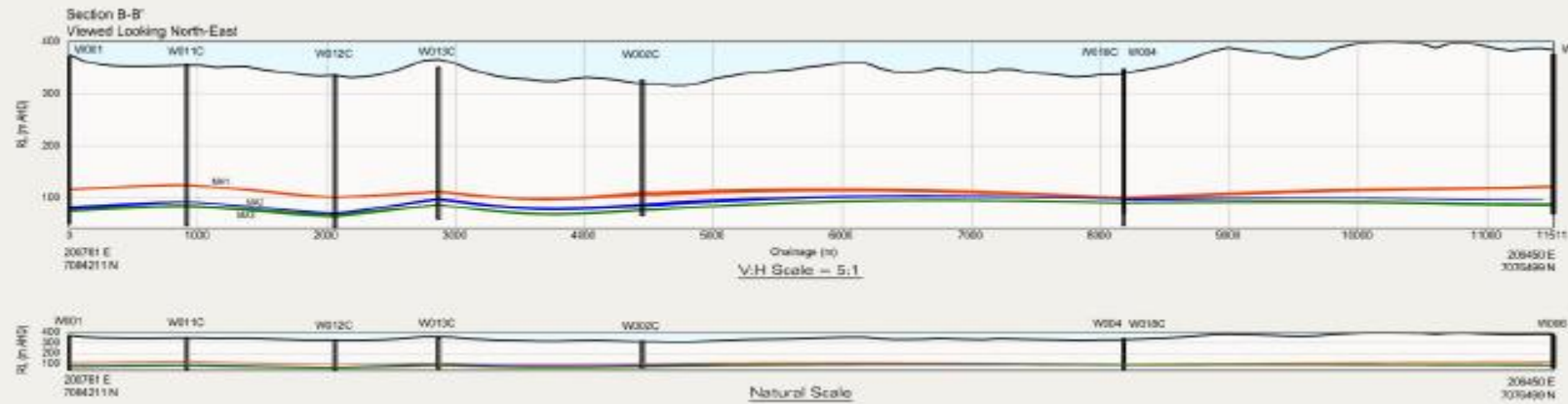
- 7130.7 Hectares
- 30km North of Miles
- Permit ID – MDL 420 - Granted
Expiry 1 December 2020
- Highly prospective region, with major advancement in permitting and approvals by major miners
- Multiple infrastructure proposals underway and being reviewed by multiple party's

MAPS



- | | | | |
|--|-----------------------------|--|------------------------|
| | MC Permit Application | | EPC Application |
| | MC Permit Granted | | EPC Granted |
| | ML Permit Application | | MDL Permit Application |
| | ML Surface Area Application | | MDL Permit Granted |
| | ML Permit Granted | | |
| | ML Surface Area Granted | | |

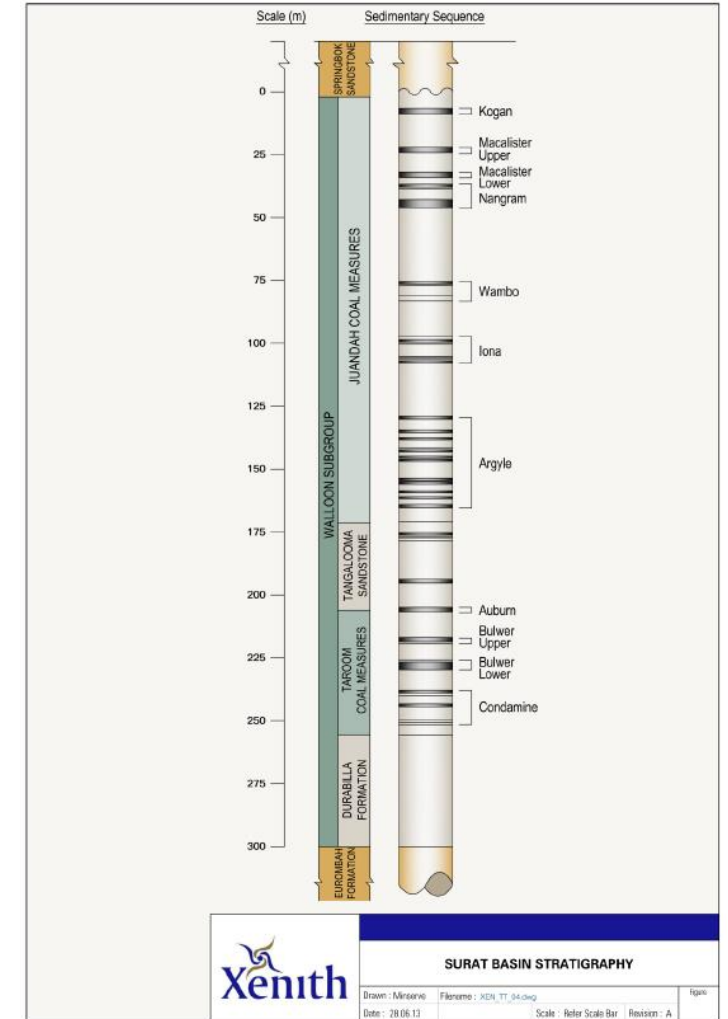
Coal Qualities



Cross Section Map NE-SW

Seam	IM [%]	ASH [%]	VM [%]	FC [%]	RD [g/cc]	TS [%]	SE [Mj/Kg]
Macalister 1	10.1	30.9	31.6	27.3	1.53	0.29	18.39
Macalister 2	9.3	29.7	32.9	28.2	1.54	0.24	19.35
Macalister 3	8.3	36.5	30.6	24.6	1.61	0.22	17.27

Reported Coal Qualities



Potential....Forward Looking

- This Asset has significant potential for a major upgrade with additional drilling.
- It is a well established mining region with limited adverse social or environmental impact potential
- It is amongst some significant assets being advanced by major companies
- The total Coal inventory could be substantial

Regional Sales of Assets in Area

2008-2014

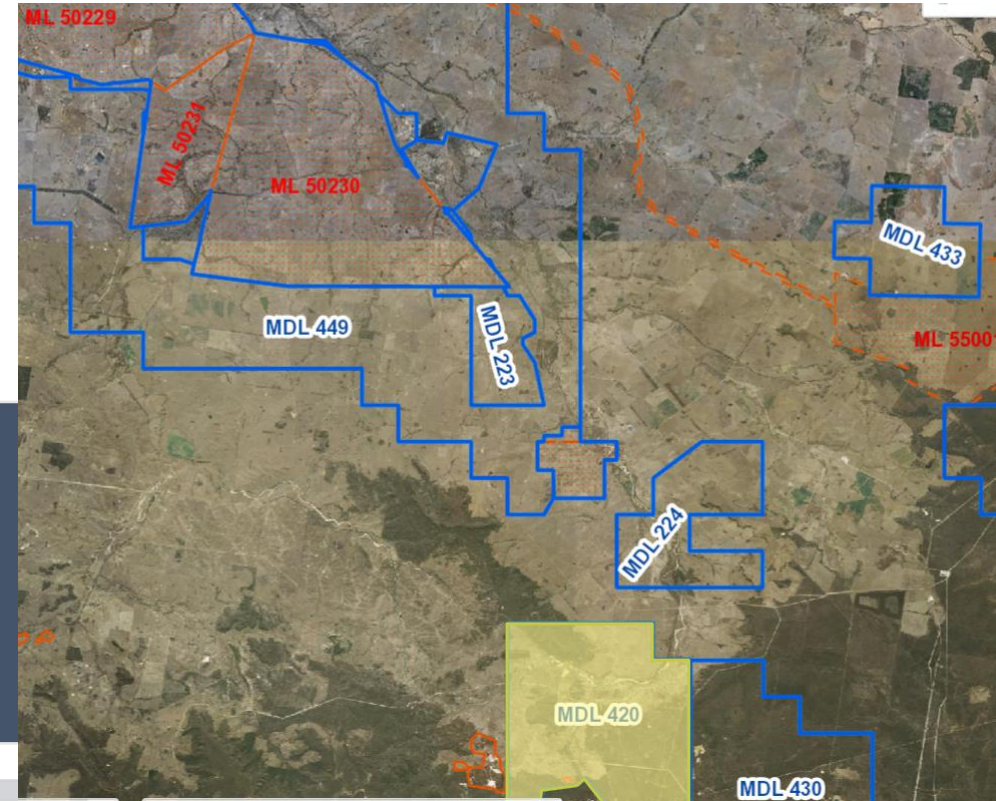
Within the region significant tenement transactions were undertaken of not only Explorers, however domestic Coal users, major international miners and off shore conglomerates.

(With the recent news of Glencore's advancement, this region has significant potential)

21 November 2014#

Cockatoo Coal Limited has reached agreement with New Hope's North Surat Coal Pty Ltd for the sale of its 51 per cent interest in the North Surat Joint Venture.

The coal miner says the \$25 million sale of its non-core assets is in line with its strategy of focussing on the expansion of its flagship metallurgical coal mine and Baralaba.



2018 - Renewed interest is appearing in the Surat and this Asset has significant strategic value to both Southern Surat Development and Northern Surat Development.



https://www.finnewsnetwork.com.au/archives/finance_news_network98513.html

COMPANY OVERVIEW



- MRV Tarong Basin Coal Pty Ltd
- 100% Fully Owned Subsidiary
- Two significant Coal Assets with Mining Lease under Application
- Significantly advanced studies and technical analysis for EIS, MLA and ancillary approval processes

Asset Portfolio



MLA 700015

- 1561 Hectares
 - 6km South Kingaroy, 12km NW Nanango
 - Permit ID – ML 700015 - Application
- Term Sought 25 Years



MDL 385

- 899.2 Hectares
 - Goodger, 10km South Kingaroy
 - Permit ID – MDL 385 - Granted
- Expiry 28 February 2019 (Renewal Lodged)



EPC 882

- 7,355 Hectares (24 Sub-Blocks)
 - 10kms Kingaroy
 - Permit ID – EPC 882 – Granted
- Expiry 26 September 2020

- Located 6 km south of Kingaroy
- Outside Kingaroy Urban Restricted Area
- Underlying tenures of EPC 882 and MDL 385
- Mining Lease Application 700015 lodged Oct 2016
- Significant work already in place to deliver EIS and outcomes ready for lodgment with the Department of Environment and Science.



Legend:
MLA 700015

Coal Inventories

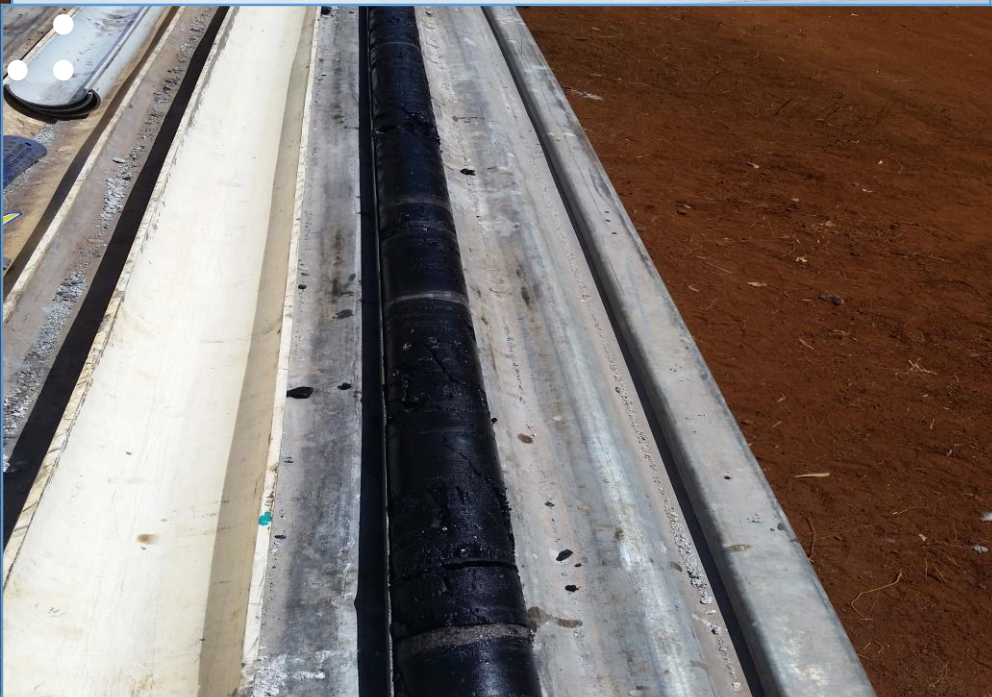
Asset	Estimated Inventory	JORC 2015			JORC 2017		
		Measured	Indicated	Inferred	Measured	Indicated	Inferred
MLA 700015	517.5Mt				134Mt	383.5Mt	6.6Mt
MDL 385	534.1Mt	116.4Mt	397.3Mt	20.4Mt			
EPC 882	377.8Mt	49.8Mt	315.3Mt	12.7Mt			
AMC 2015	Probable Coal Reserves of 290Mt				Currently Awaiting Update		

Notes:

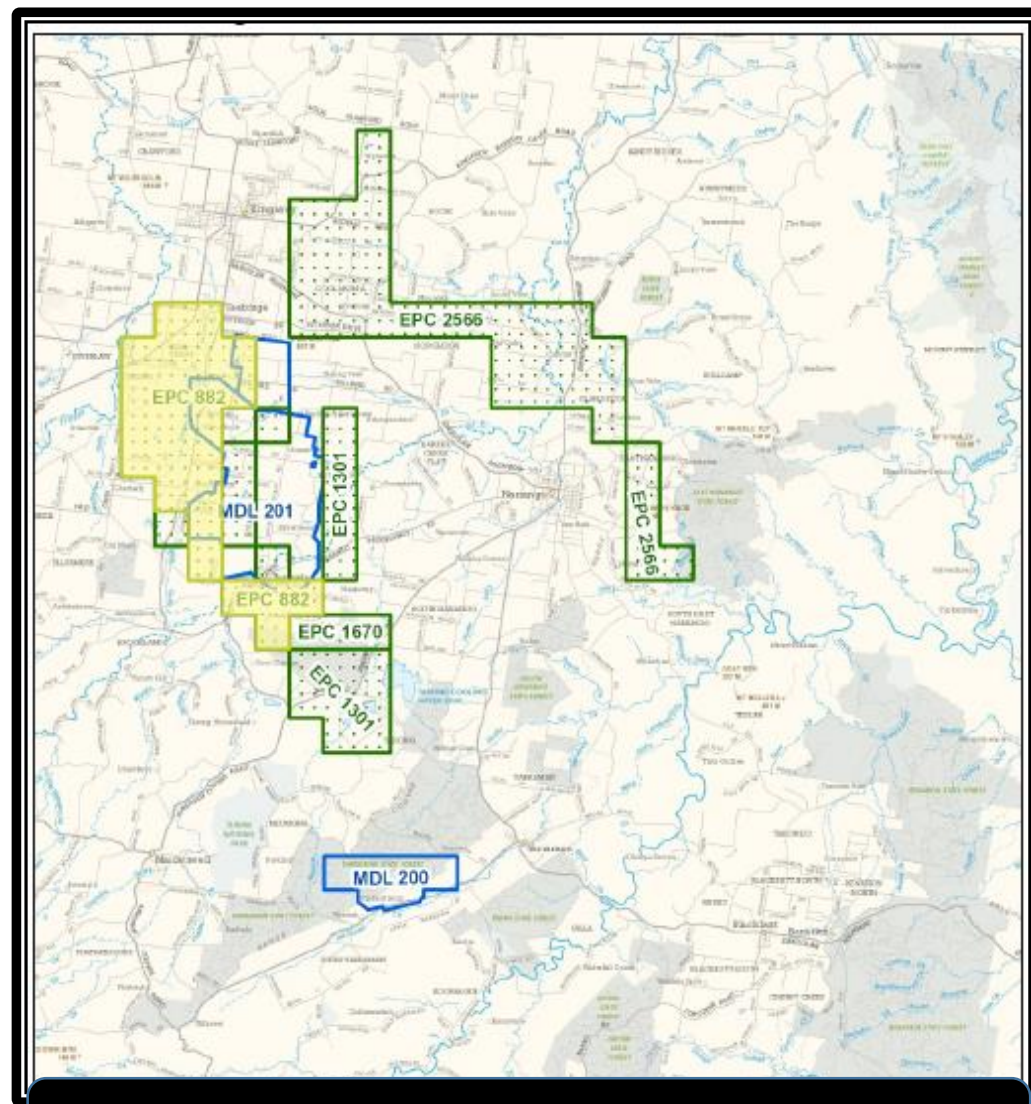
1. This region has over 660 historic drill holes and is well understood
2. Multiple parties since the early 2000's have identified potential minable resources, and sought to advance but failed due to target off take options
3. The region is an established Coal region
4. Prior JORC resources across the total area of EPC882 and MDL 385 have amassed over 900Mt tonnes, however minable resources and reserve are being developed currently by Moreton Resources Limited, although an existing mine reserve already exists of 290Mt
5. Significant survey data available in QLD Geo Database
6. Historic infrastructure easements with policy position of priority to resources projects, is a benefit in this region.

ASX Announcement: MRV announces South Burnett Coal Resources of 912m tonnes issued on 10 December 2015 and, Significant JORC underpins MLA700015 on 15 December 2017

DRILL PROGRAM

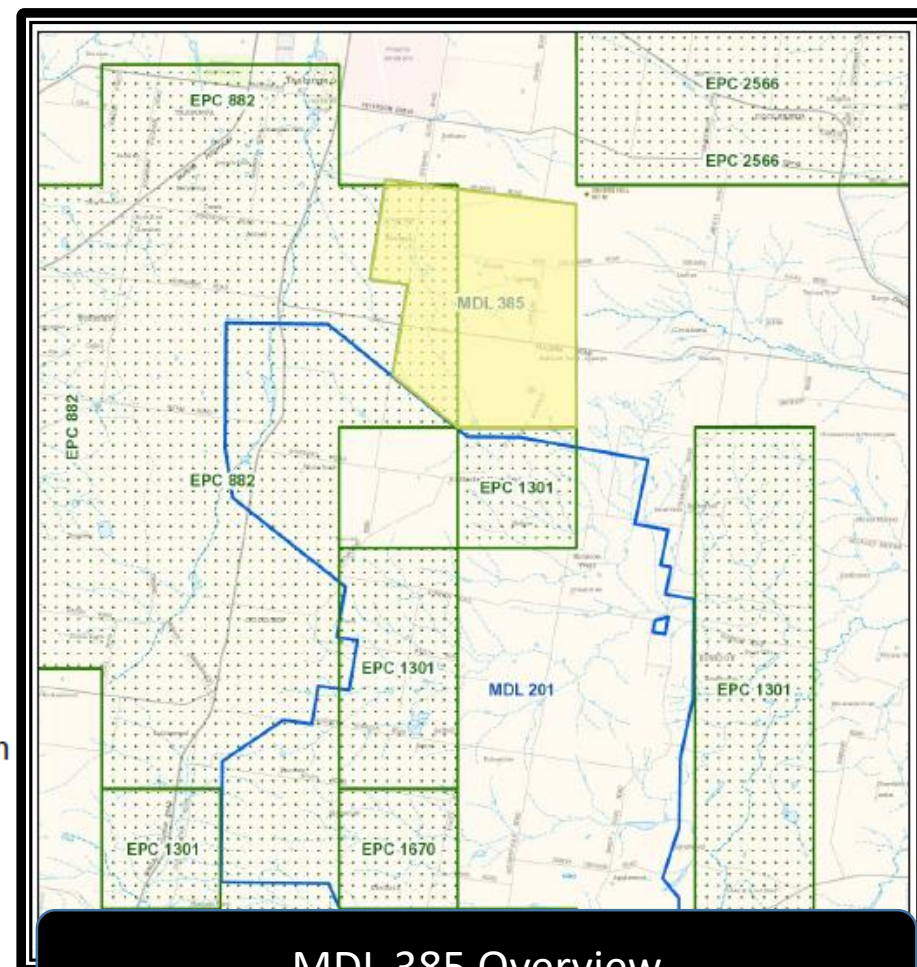


MAPS



EPC 882 Regional Permits

- EPM Application
- EPM Granted
- EPM Special Application
- EPM Special Granted
- EPC Application
- EPC Granted
- EPG Application
- EPG Granted
- EPQ Application
- EPQ Granted
- ATP Application
- ATP Granted
- Petroleum PCA Application
- Petroleum PCA Granted
- MDL Permit Application
- MDL Permit Granted
- OEP Application
- OEP Granted (source NOPTA)



MDL 385 Overview

Coal Qualities

Table 1.1 Typical Coal Quality by Seam - South Burnett Project																		
Coal Quality	Unit	Glider			Kunioon				Swain					Goodger				
Thickness	m	3.1			9.1				6.3					7.3				
		F1.80	Raw		F1.60	F1.80	Raw	FGX		F1.60	F1.80	Raw	FGX		F1.60	F1.80	Raw	FGX
Yield	%	35.6	100.0		76.2	81.0	100.0	75.3		62.1	83.7	100.0	75.2		67.8	70.6	100.0	63.5
Proximate Analysis (ad)																		
Inherent Moisture	%	4.6	3.7				4.3				4.0	4.6				3.9	3.8	
Total Sulphur	%				0.6	0.3	0.3			0.3	0.2	0.2				0.2	0.3	
Ash	%	26.6	53.3		13.4	15.1	27.0	14.5		14.7	24.3	46.7	18.18		18.6	20.2	32.8	18.0
Volatile matter	%	27.9					27.1				25.7	21.4					26.0	
Fixed Carbon	%	40.0					34.9				42.1	27.9					36.8	
Calorific value (ad)	kcal/kg	4092			6544	6403	5322			6440	6260	4161			6154	6014	4899	
Ultimate Analysis (daf)																		
Carbon	%						81.74				81.25							
Hydrogen	%						5.21				5.18							
Nitrogen	%						1.41				1.60							
Sulphur	%						0.27				0.12							
Oxygen (by difference)	%						11.37				11.85							
Total																		
Physical Properties																		
Relative Density	ad						1.5					1.7					1.6	
Grindability (HGI)							64				63							
Ash Fusion temperatures																		
Reducing atmosphere																		
Deformation	°C						1420				1450							
Sphere	°C						1625				1613							
Hemisphere	°C						1625				1625							
Flow	°C						1625				1625							
Ash Analysis																		
SiO2	%						68.50				78.6							
Al2O3	%						27.40				15.5							
Fe2O3	%						1.75				1.51	0.629					1.07	
CaO	%						0.12				0.62							
MgO	%						0.34				0.68							
TiO2	%						1.76				0.94							
Na2O	%						0.13				0.07							
K2O	%						0.40				0.69							
MN3O3	%						0.07				0.05							
P2O5	%						0.01				0.29							
SO3	%						0.04				0.005							
Minor Constituents (db)																		
Phosphorus	%						0.01					0.005					0.01	
Chlorine	%						0.01					0.01					0.01	
Fluorine	ppm						160.00											

Ash %	Total Sulphur %	CV MJ/kg	CV kcal/kg (Ad)
17.07	0.15	24.23	6,249
18.66	0.22	24.20	6,099
25.89	0.22	22.59	5,439

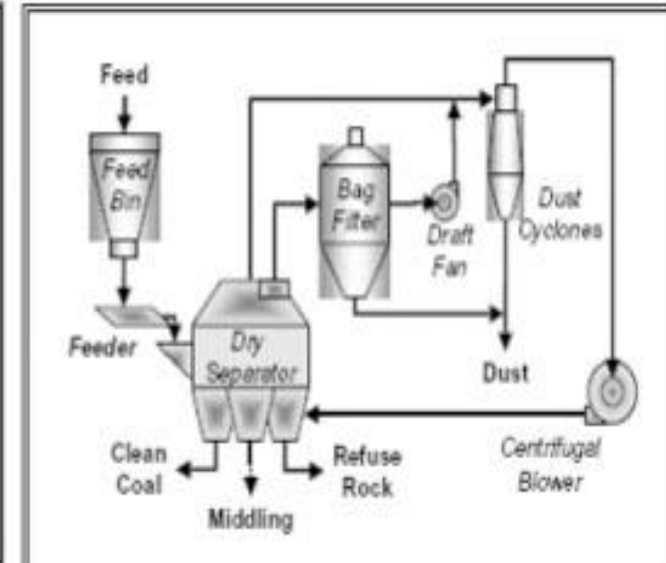
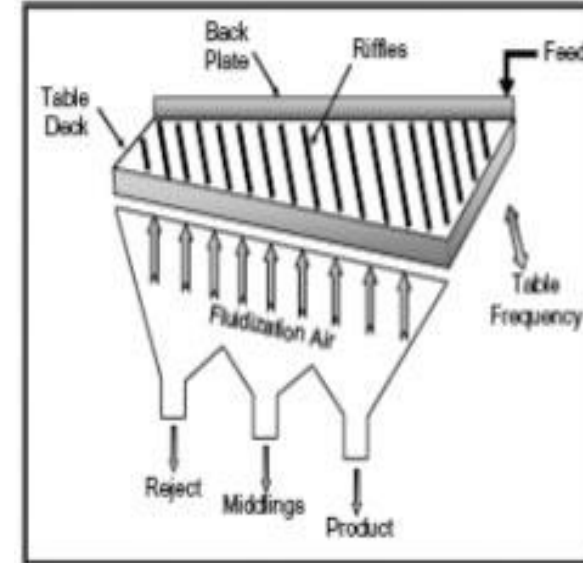
Local Project Development – Processing

Dry Separation Benefits –

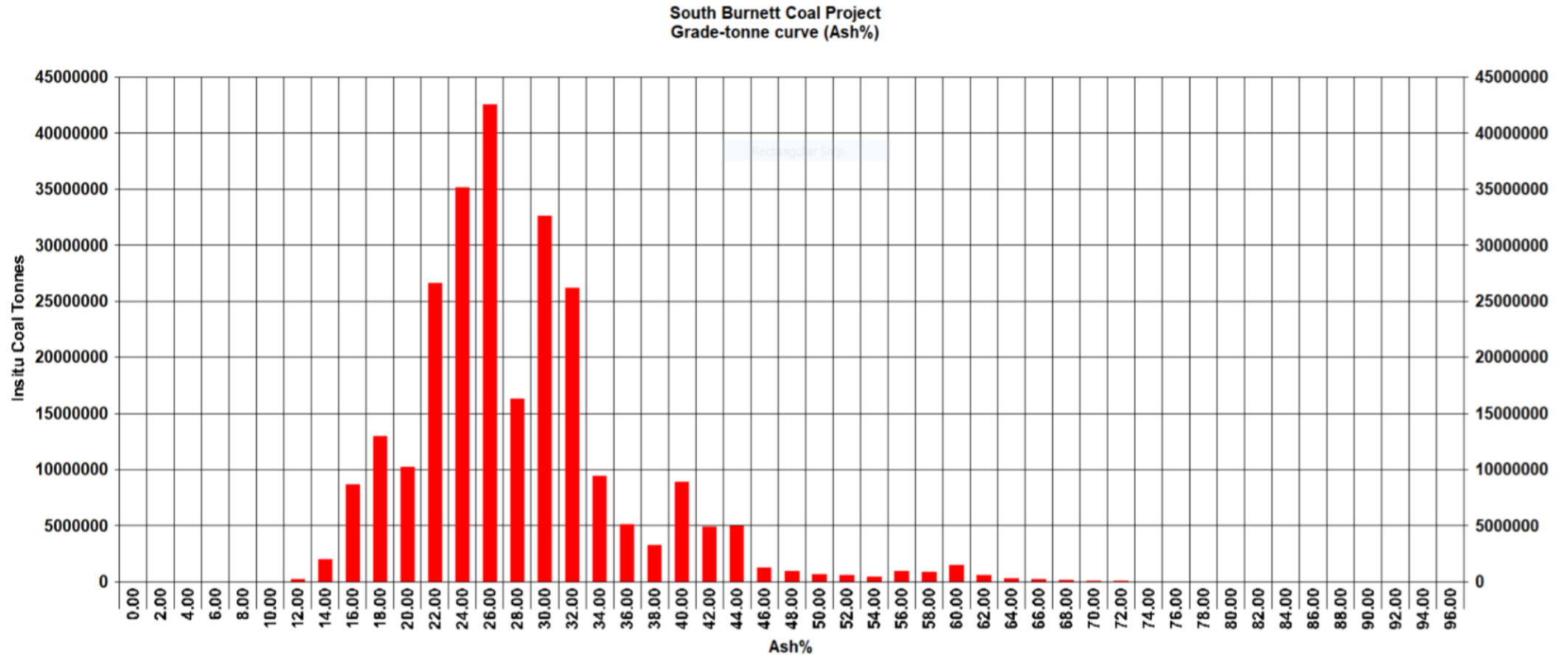
- Lower CAPEX setup
- Up to **90-95% less water consumption**
- **No wet rejects tailings dam** required allowing a reduced area of influence
- Process plant that lends itself to **lower noise, dust and light emissions**

General Project Benefits –

- Similar recoveries to traditional CHPP (wet)
- **Continual rehabilitation program** as the mine progresses
- **Lowest quartile strip ratio** and dumping of waste in pit
- Lower over all fleet requirements and therefore less carbon emissions



Depth, Access and Mine Ability (in-situ Tones)

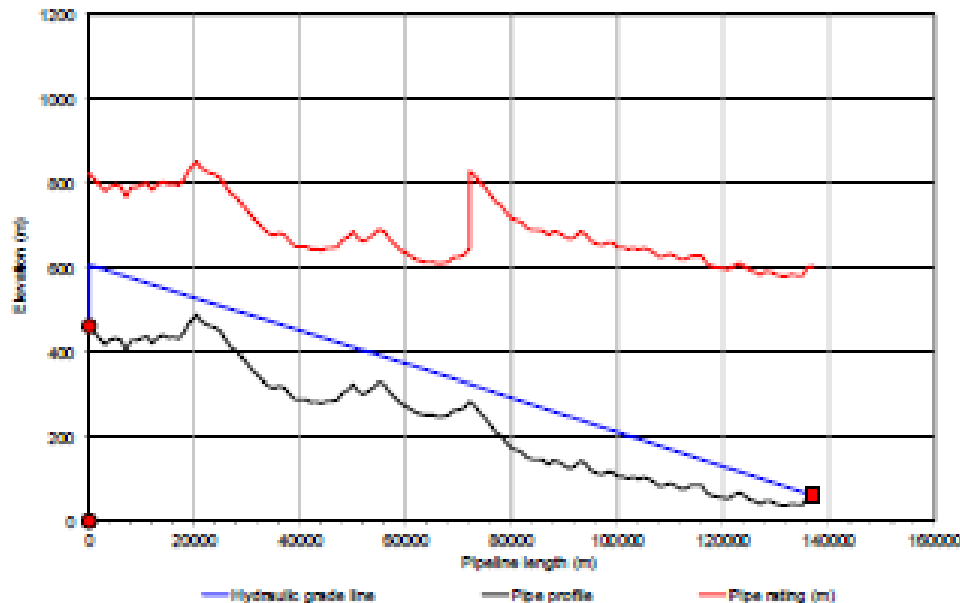
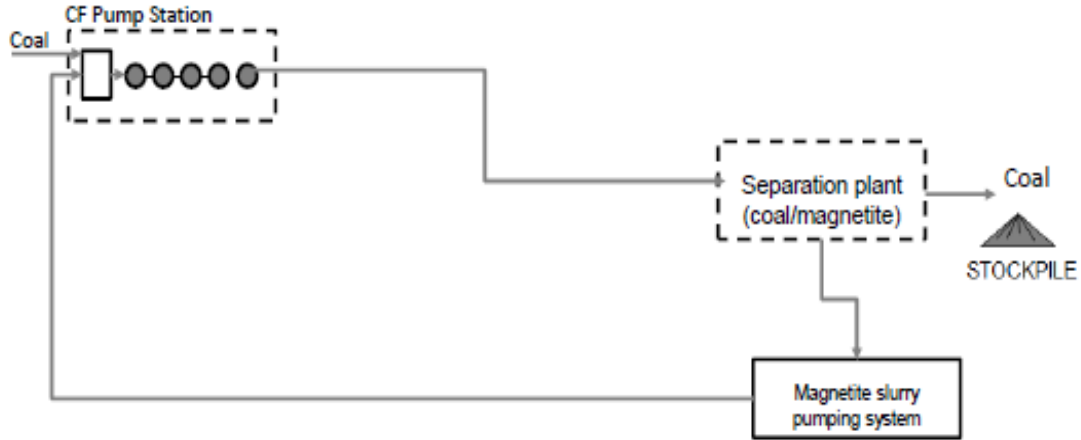


Infrastructure is Coming Together



- Rail and Port PFS completed 2015 and followed up with 2017-2018 Feasibility level studies
- Optimization now complete for transport corridor and mechanism
- Route is 131 km to the North Coast Line near Theebine using abandoned railway
- Onto Port of Gladstone through commercial arrangements
- Slurry Pipe Line is the final outcome

Slurry Pipeline Option at a Conceptual Level



- Combine -50mm coal with Dense Carrier Medium (magnetite) – allows for ops at low velocities and wear rates at 1,256 t/h
- Magnetic separation plant at terminal and return magnetite line
- DN 800 steel pipe with single pump station with 5x centrifugal pumps in series
- Batch operation during ramp up to 10Mt
- Leak detection system along line
- Operating velocity and pumping requirements lower than smaller grind using water
- Simple rehabilitation

Basis of Design – Slurry Pipeline

Operating requirements

- Maximum production 10 Mtpa
- Ramp up schedule - years 1, 3, 6 3, 6, 8 Mtpa

Slurry Pipeline

- Slurry throughput 1,268 t/h (90% utilisation)

Slurry properties unknown, therefore assumed from other coal slurries as follows:

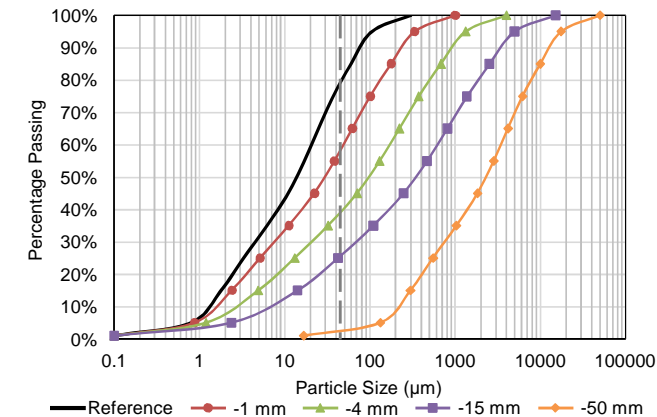
Solids density

- Skeletal solids density 1,700 kg/m³
- Porosity 35%
- Apparent solids density 1,450 kg/m³

Basis of Design – Slurry Pipeline

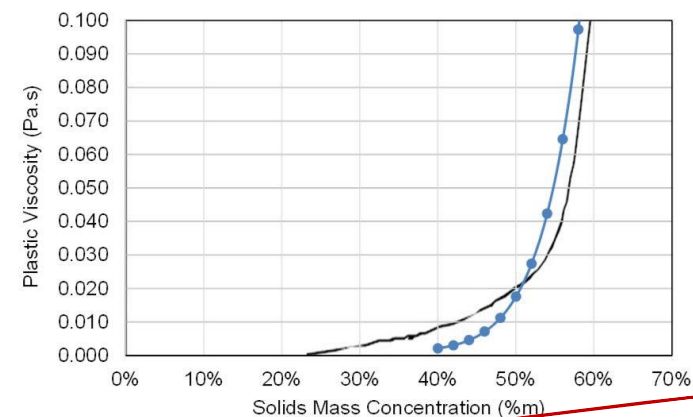
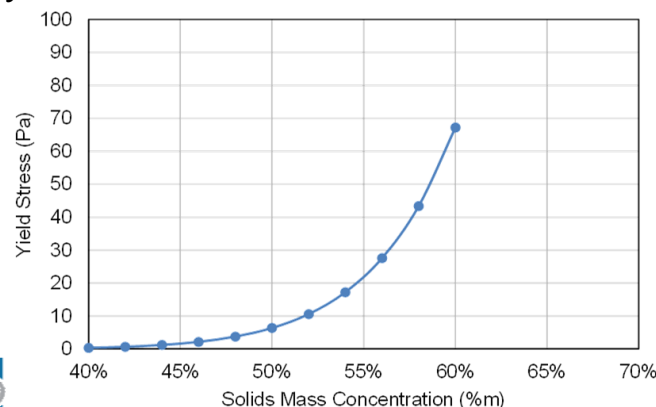
Particle size distribution

- Option 1: Grind to -15 mm
- Option 2: Grind to -4 mm
- Option 3: Grind to -1 mm
- Option 4: Grind to -50 mm



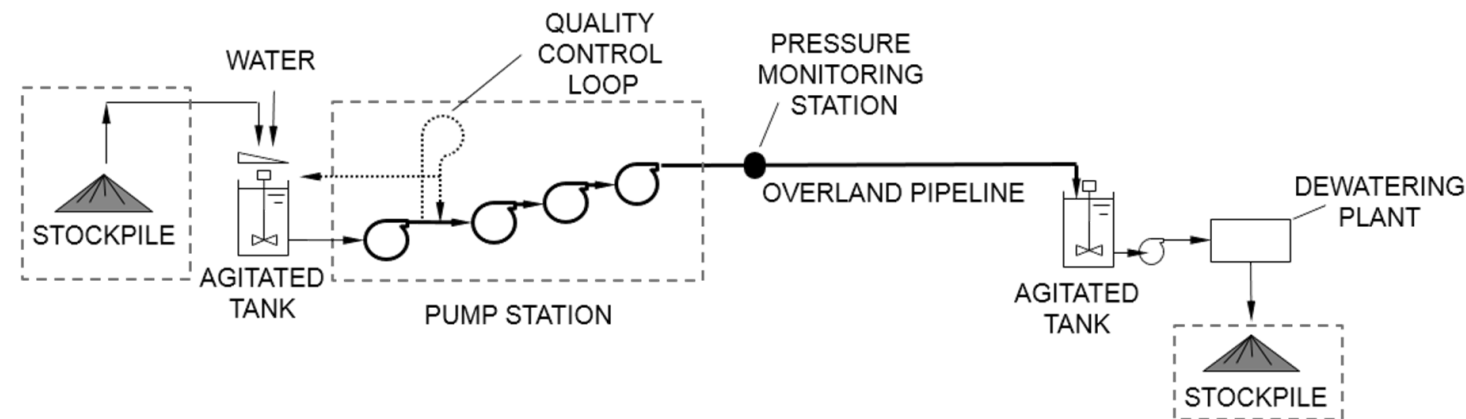
Rheology

- Yield stress and viscosity estimated from other coal slurries in Queensland.
- Viscosity has approximate correlation with published viscosity of coal slurries by Thomas, 1965.



Operation and Maintenance -Batch Operation

- It is envisaged that when the system is required to operate at lower throughputs for long periods of time. For example during the ramp-up period, it is operated in Batch Mode.
- The pipeline can be operated continuously on coal slurry, then when the upstream stockpile is depleted it is either flushed or shutdown on slurry, and then re-started with slurry when the upstream stockpile is full again. This requires a stockpile upstream of the pipeline and dewatering and stockpiling downstream of the pipeline.



Potential....Forward Looking

- This is a significant Asset that is well advanced through the approvals process, including EIS preparation approx 75% currently complete.
- MLA has been lodged since 2016
- Technical Studies to resolve Pit to Port solutions have been finalised to feasibility level
- ROI and NPV are compelling even at defensive and conservative AUD rates
- Not only potential International Markets but also Domestic as Australia potentially seeks to move toward a cleaner Thermal Coal
- Global and Domestic competitive advantage based upon **low Sulphur and total impurities**



The Granite Belt Project Enhancement and Advancement



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Re-Commissioning of the Site Completed

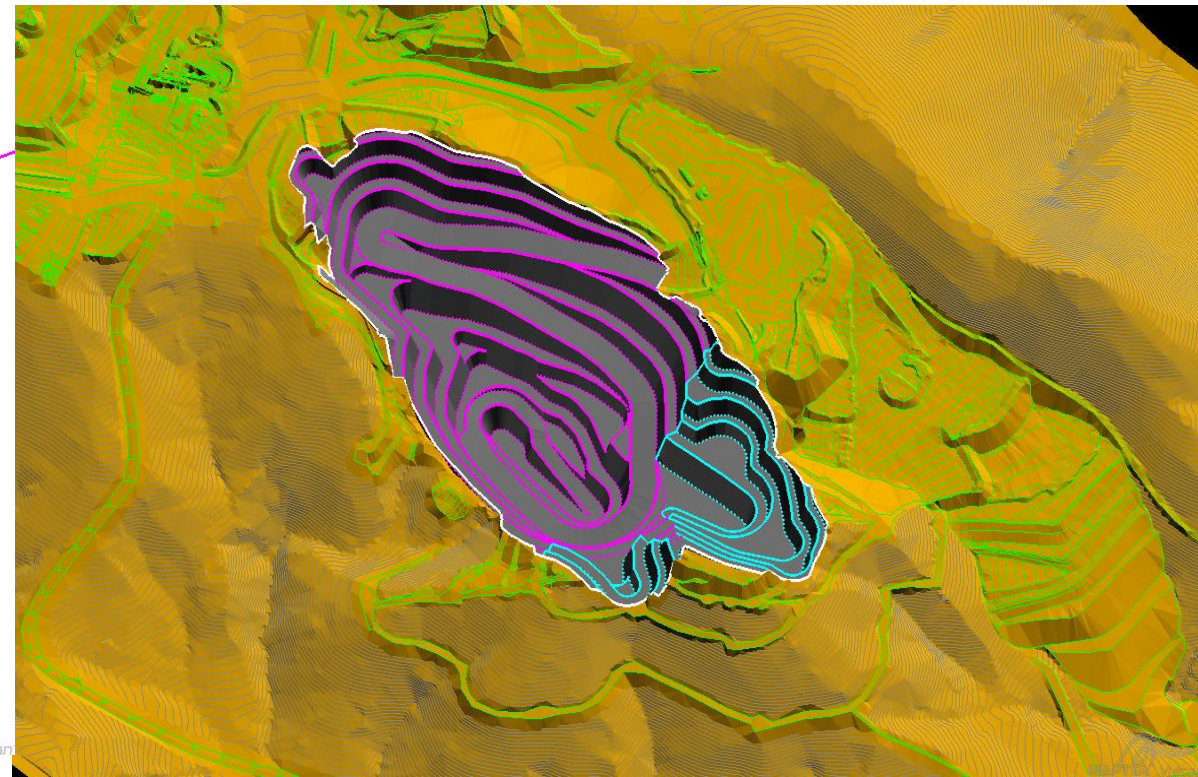


Updated Mine Plan

Final mine plan beyond restart strategy base case, shows substantive upside



MAPTEK Vulcan



Achievements on Site to Date

- Significant Local Employment
- Strong Indigenous and Female Workforce contingent
- We support local business and regional advancement
- Significant works undertaken in clean up of the former Texas Mine Site
- Acknowledgement by Department of Environment and Science that MRV Metals Pty Ltd is not liable for prior harm and disturbance
- Significant advancement of our Health and Safety platform across the site
- Positive relationship with DNRME Mines Inspectorate
- Graduation of our first Site Trainee and Apprentice within the year
- Advancement day to day, however we still remain challenged at moving into Cyanidation of the heaps, which prevents Silver production



Exploration Strategy and Geological Overview

Upside Potential Awaiting to be unlocked



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Granite Belt Project Overview

Ag

Under-explored belt of rocks prospective for a variety of commodity and deposit styles

Cu

- Low sulfidation epithermal (Twin Hills-type silver-gold + base metals)

Zn

- Stratiform base metal (zinc-lead Silver Spur-type)

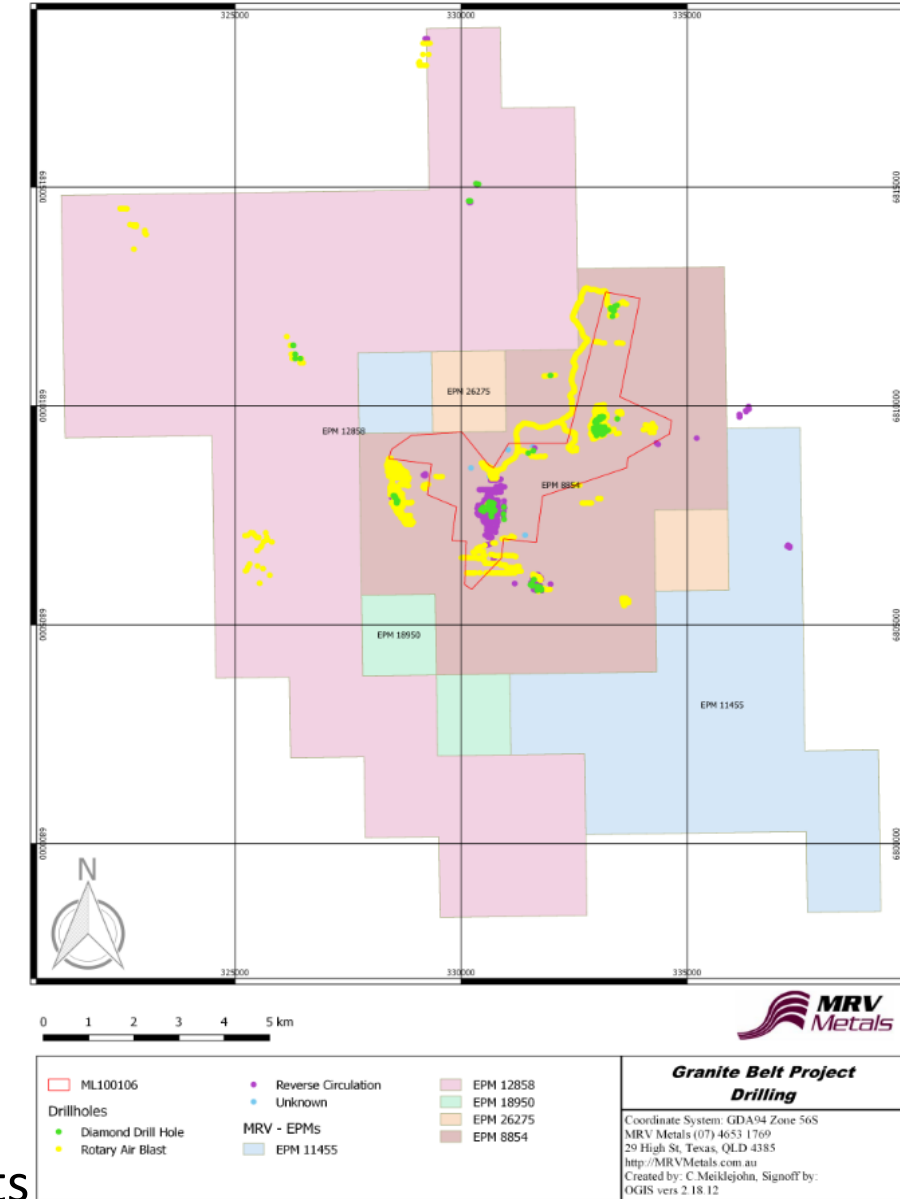
Pb

- Granite related mineralisation at depth (copper-gold, etc)
 - IRGS or Porphyry
 - Greisen
 - Skarn
 - Epithermal

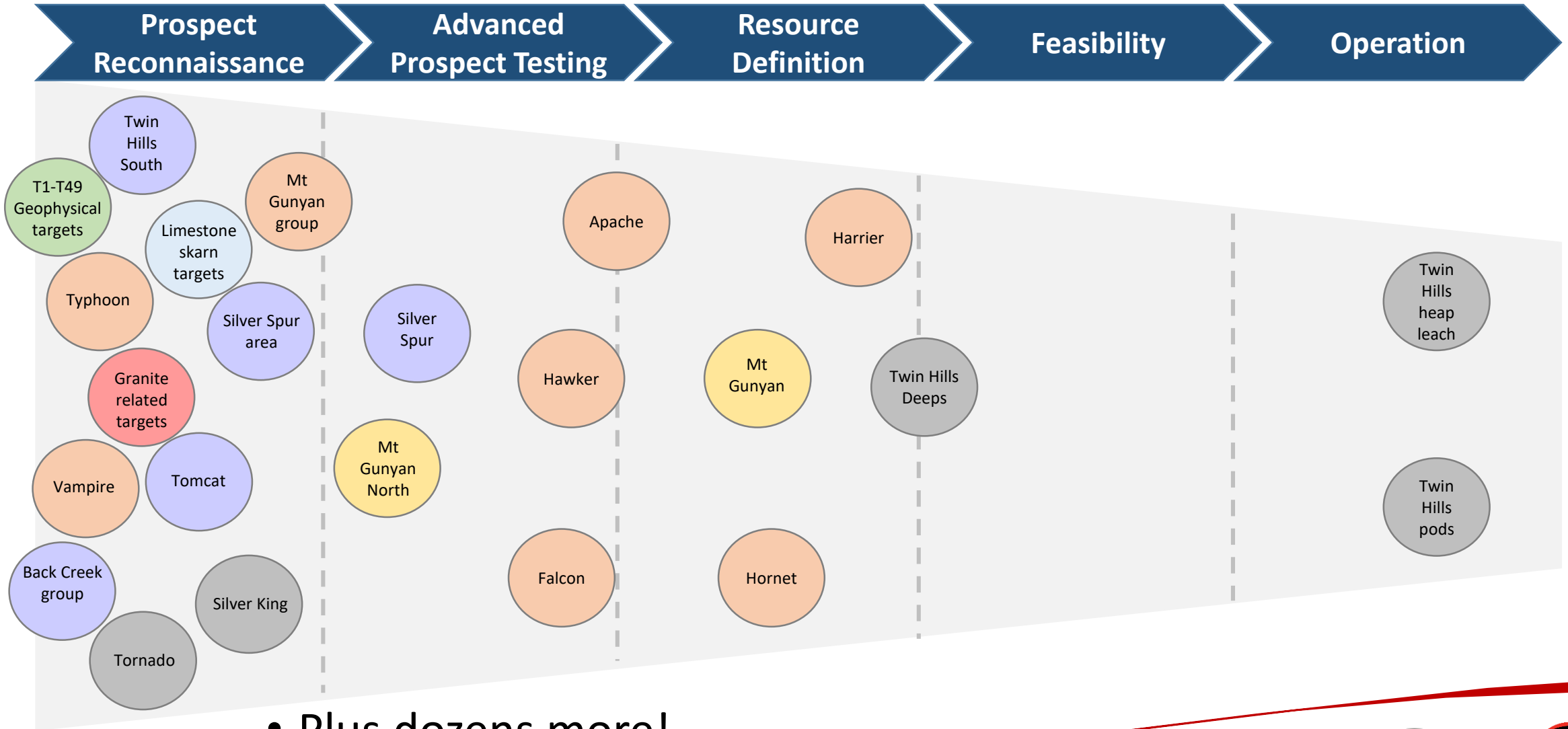
Au

Granite Belt Project Overview

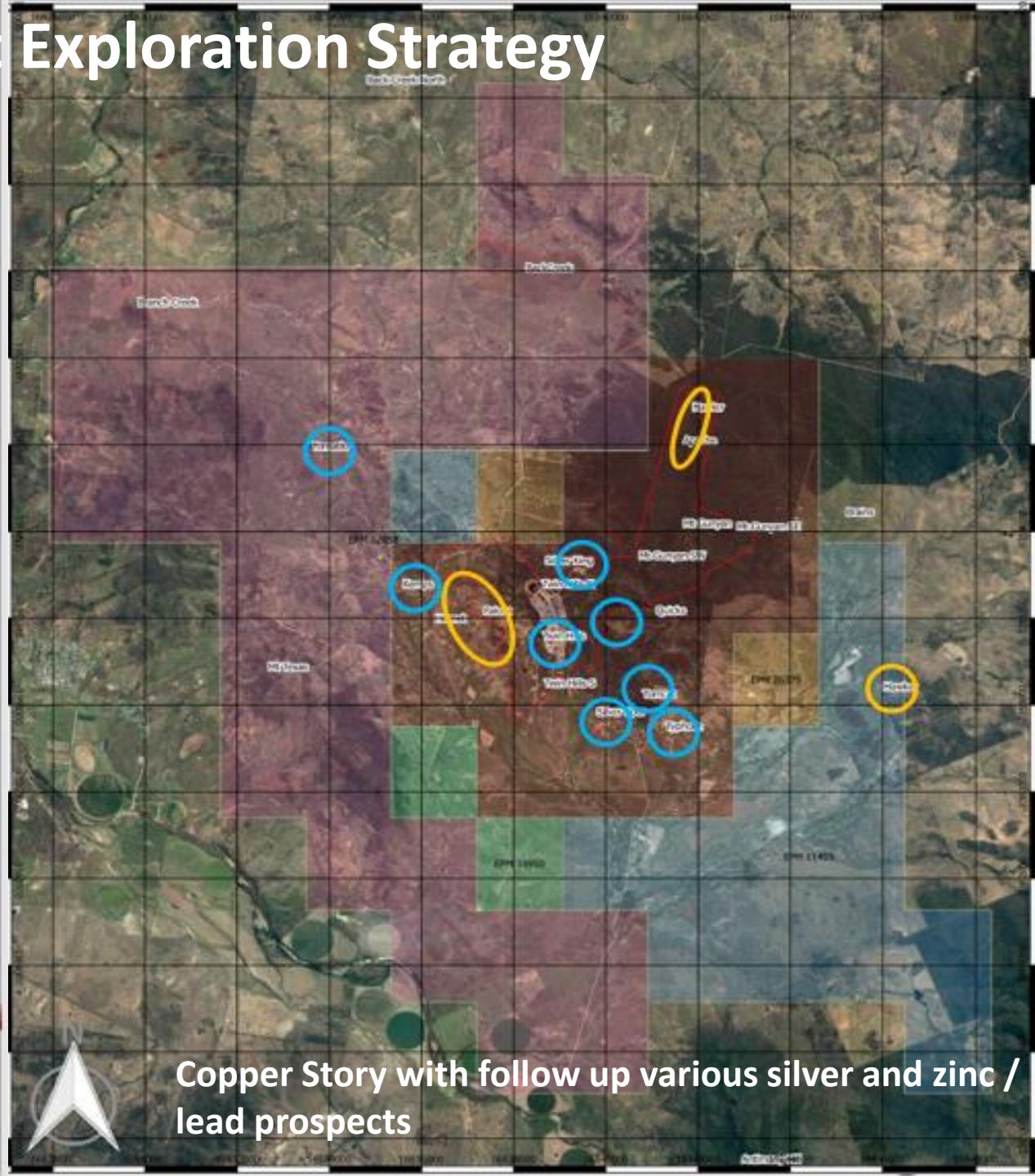
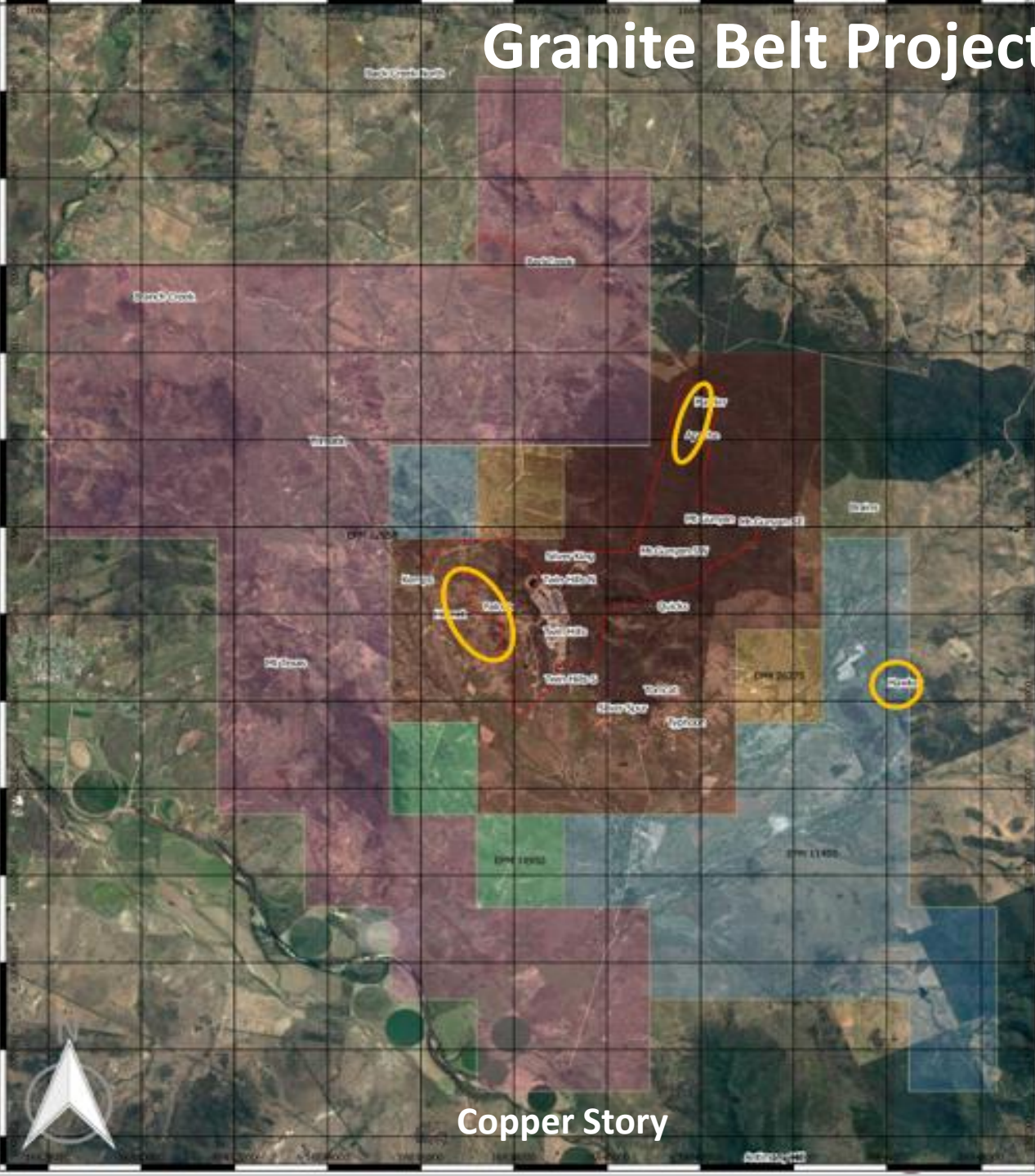
- No large scale or unified geological, geophysical or multi-element geochemical studies undertaken
- No drill data below 200m vertical (near-Twin Hills, 260m at Hornet and Silver Spur).
 - No “deep” drilling completed.
 - Vast potential for addition to known deposits.
 - Small percentage of the tenement package drill tested
- Geology somewhat overlooked, stratigraphy and structure appears to play important role in mineralisation control
- Correct real estate for discovery – known economic deposits exist!



Granite Belt Project Pipeline

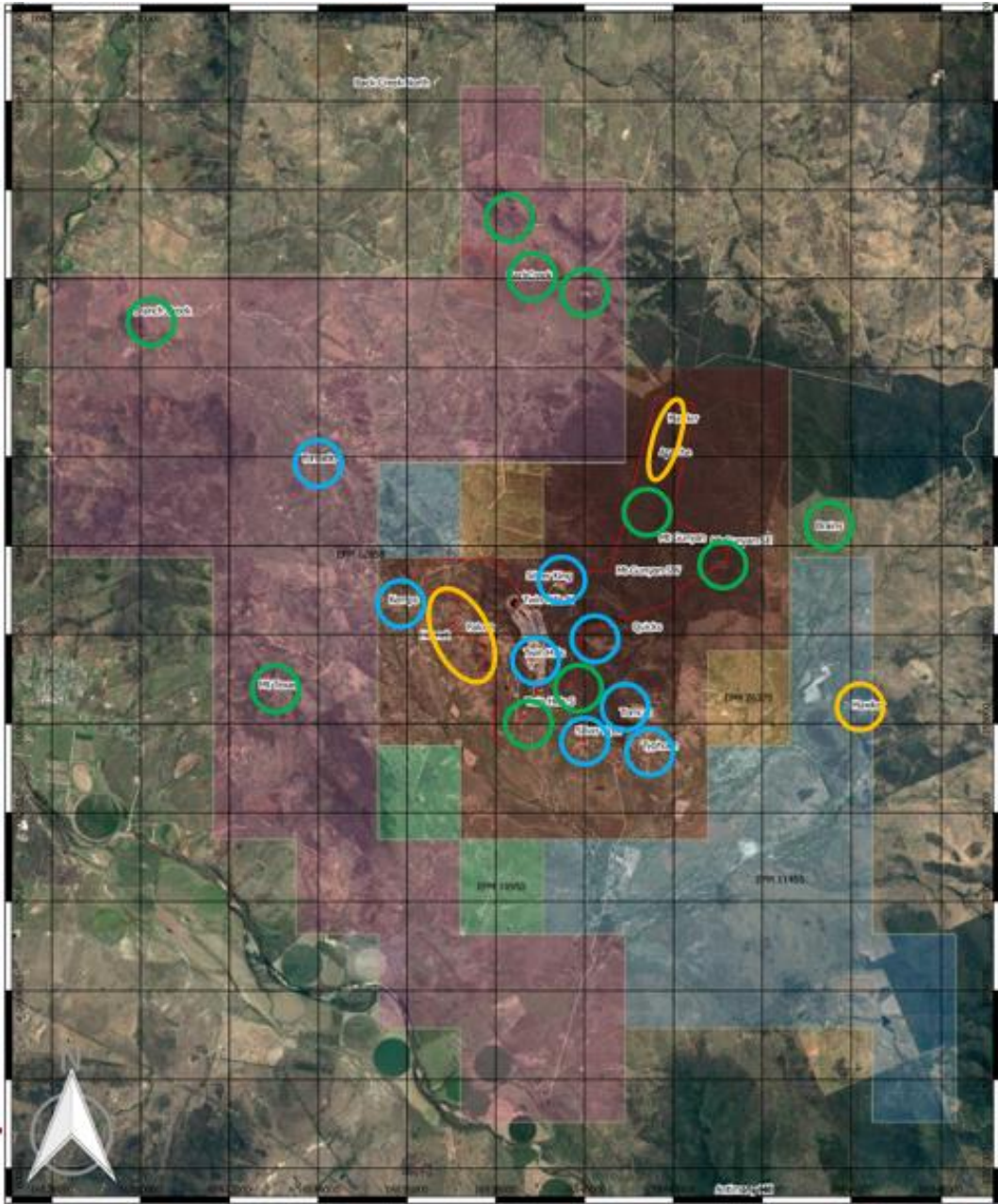


Granite Belt Project Exploration Strategy



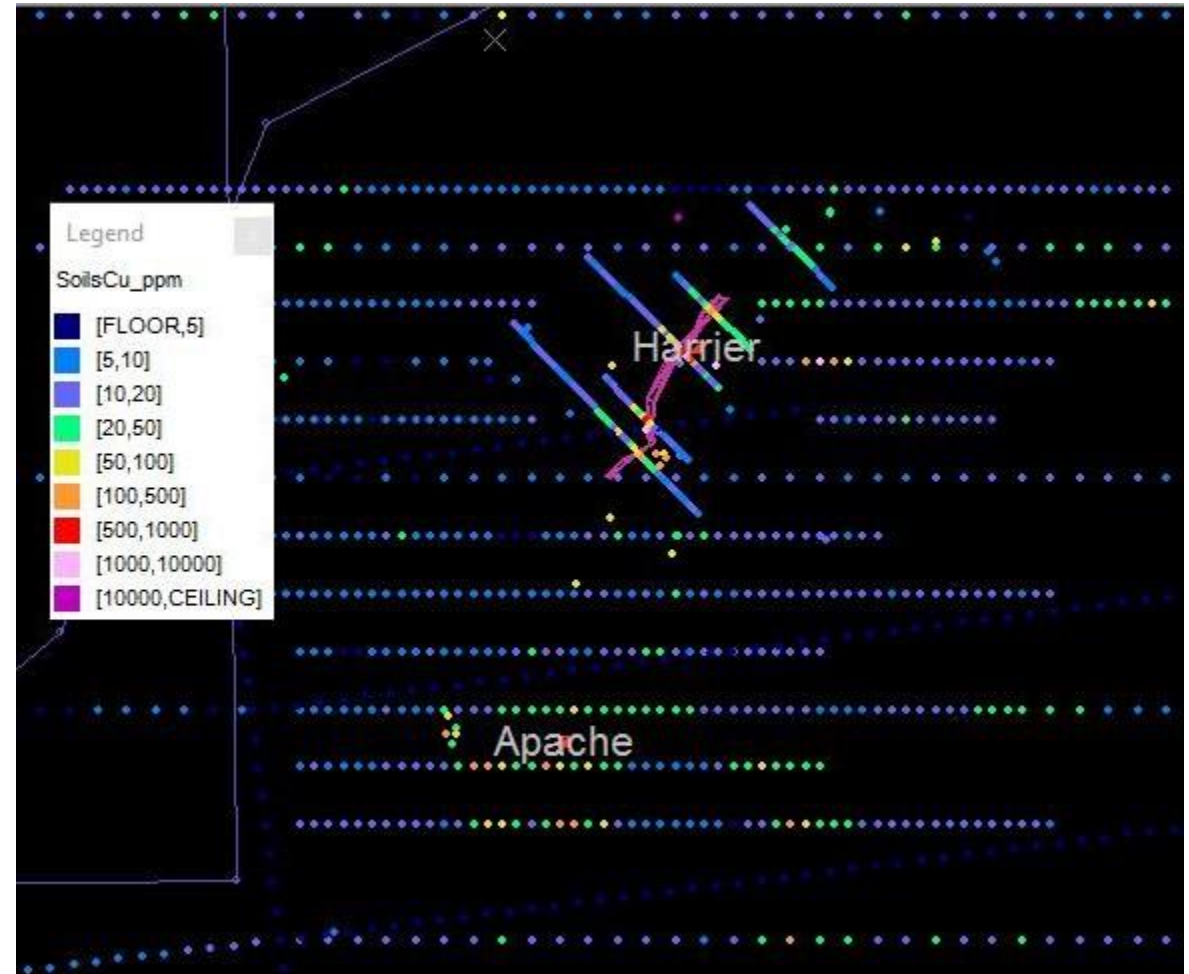
Granite Belt Project Exploration Strategy

- Several underlying strategies in place;
 - Copper
 - Follow up various silver and zinc/lead prospects
 - Test favourable geochemical and geophysical targets (dozens of untested targets!)
 - Ensure tenement expenditure is occurring but with value-adding techniques to advance prospects and understanding – mapping, desktop studies, soil sampling, geophysics (SWIR, ground surveys)



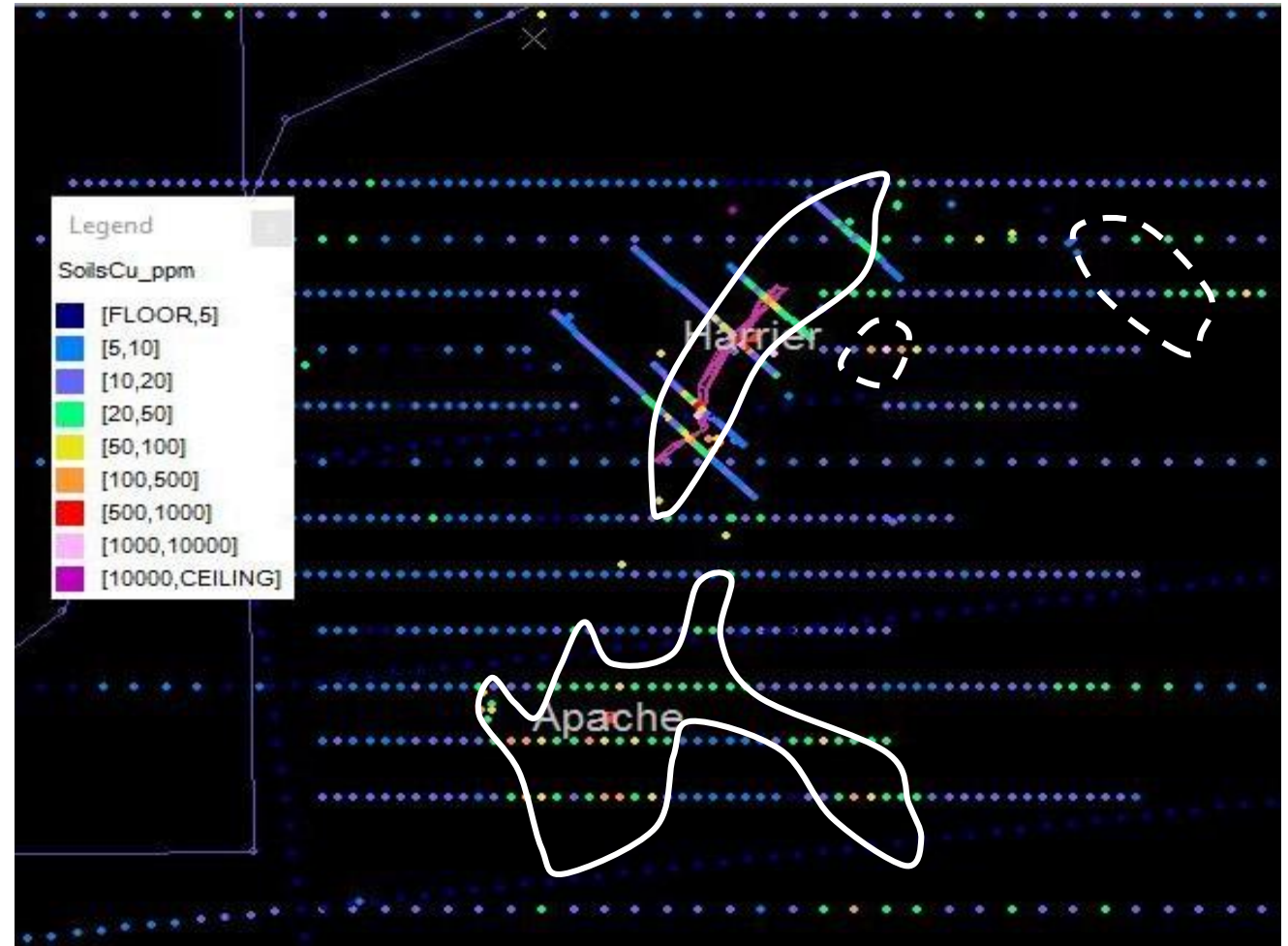
Harrier-Apache

- First target to be drill tested by MRV at 4km NE of the Twin Hills mine
- Objective- build the copper-silver resource by testing the immediate depth and lateral extensions (NE and SW) in drilling gaps, and
- Explore the potential extension between Harrier and Apache (700m to the south)
- Apache is known as a board soil anomaly trending approximately N-S, larger than Harrier- intersection of several structures?



Harrier-Apache

- Work continues by drill site selection through;
 - Field mapping
 - Data compilation
 - 3D modelling
 - Assessing soil geochemical and geophysical characteristics
 - Hole locations to be finalised once drilling tender is awarded



Measured Group predicts that the exploration target is 500,000 to 1,500,000 t at 1.5% to 2.5% copper, and 80 g/t to 120 g/t silver (excluding Apache) 18.07.2016
[MRV Metals Confirms Harrier Prospect Potential – ASX Web Site](#)

Harrier-Apache

- Several of the diamond drillholes not inspected by MG have been located onsite
- Currently contacting govt. core storage in Zillmere for TUD001
- Core to be reviewed in coming weeks



Harrier work programme

Prework:

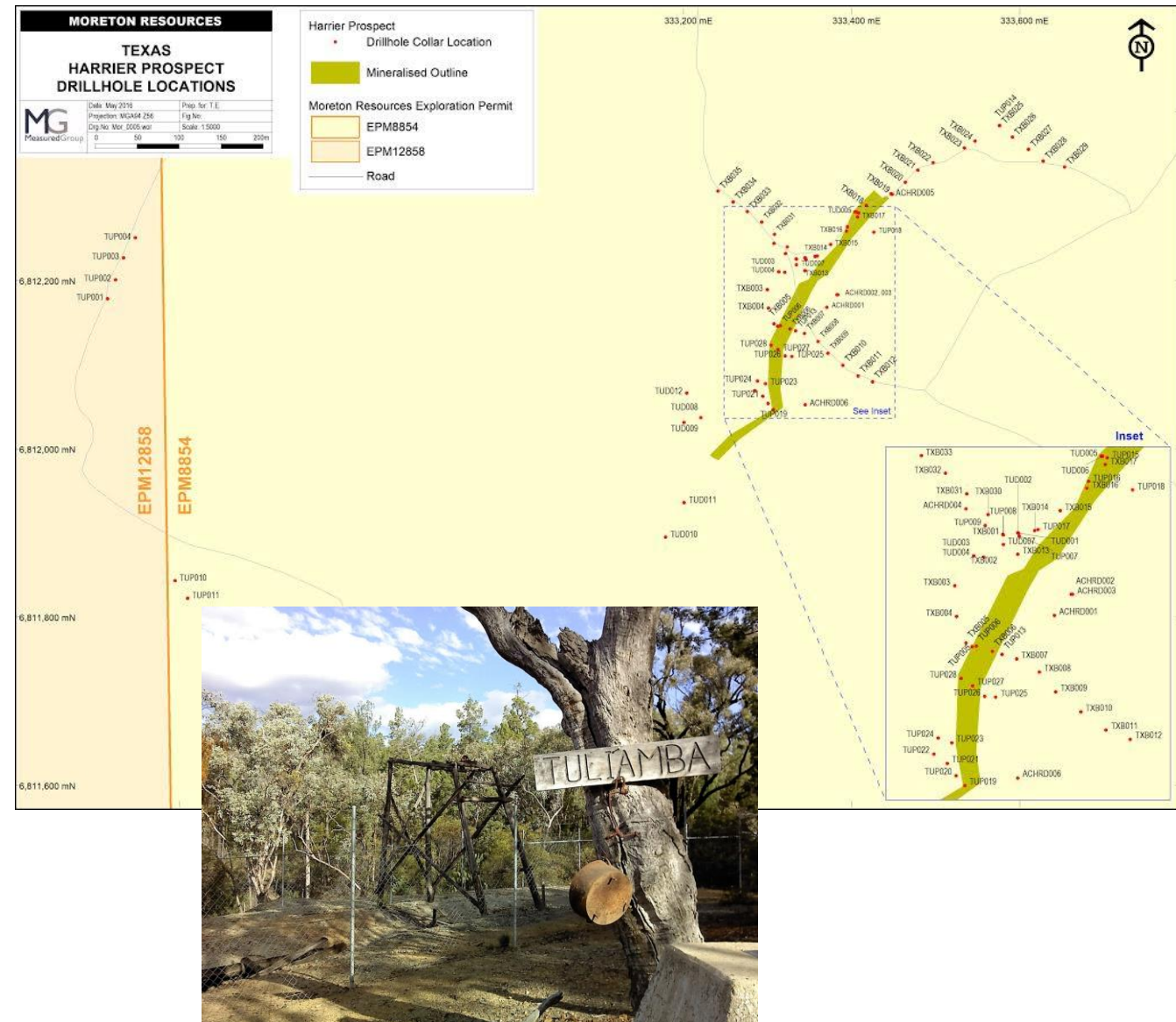
- locate core for ACHRD001,002,003,005 relog and resample if warranted
- locate core for TUD001 series?
- infill soil sampling along strike to Apache more RAB/Air drilling
- plan follow up drilling at depth, down-dip infill – scope drilling required to report a Mineral Resource

Programme for Mineral Resource public report:

- 30 to 50, 150-200m deep RC drill holes (3 holes per cross section, 50m section lines plus some closer spaced sections for short range variography).
- follow up by 3 to 7 300m deep diamond drill holes (depending of results of RC and strike length of mineralisation identified)
- estimation and reporting, incorporate historical drilling where possible

Harrier-Apache

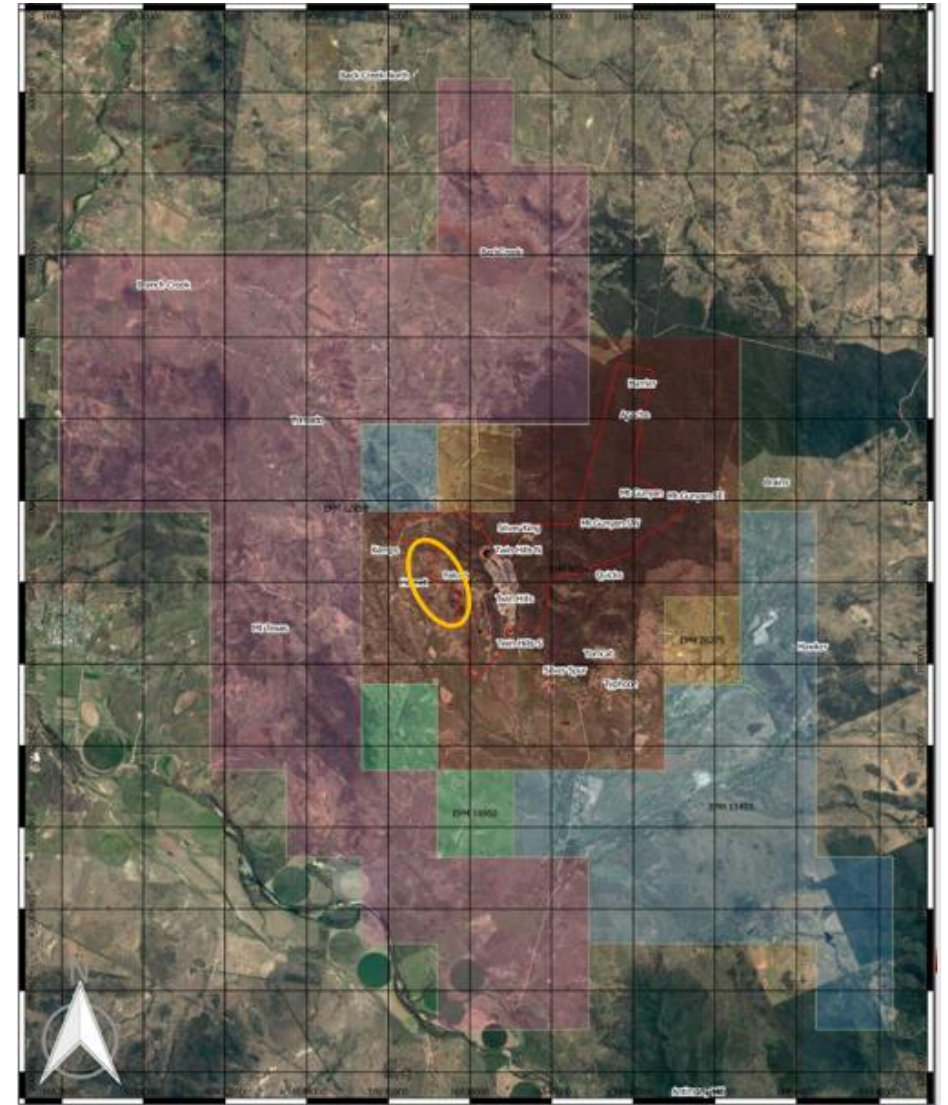
- Planned 2500m of drilling
- Begin drilling mid-November, pending rig availability
- Complete by end December with all results expected back by end-January as interpretation occurs
- Prospect compilation report to be delivered with future recommendations by end-Jan/early-Feb (pending results)



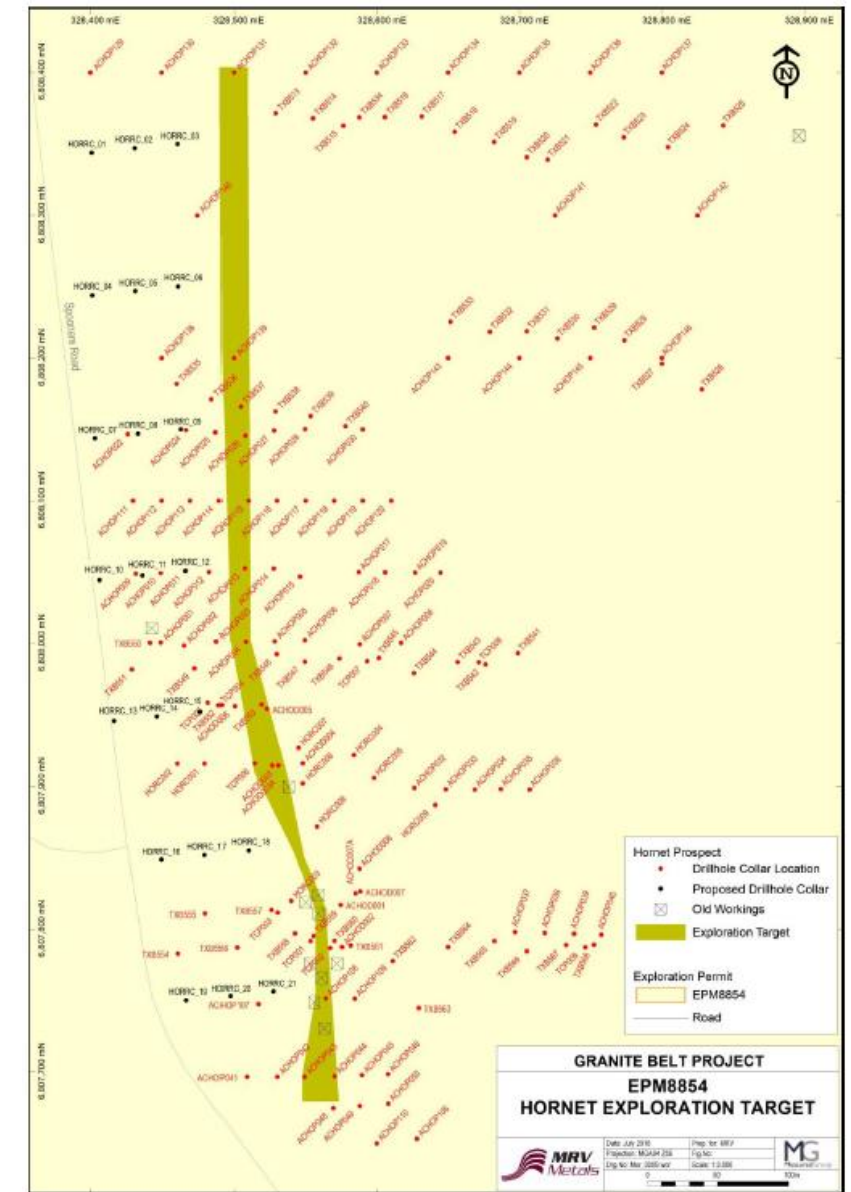
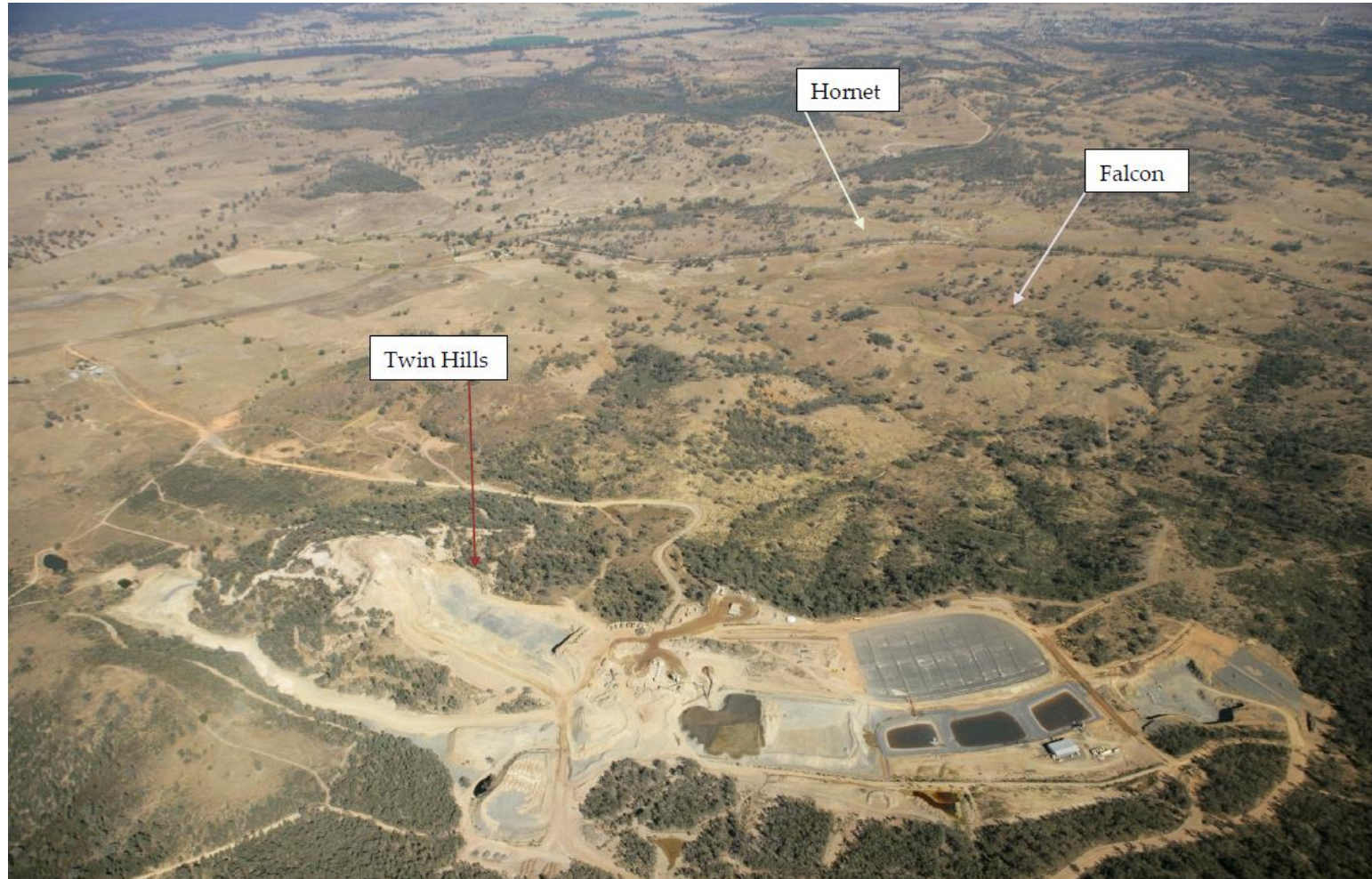
Hornet-Falcon

- Cu-Ag target located on both ML100106 and EPM8854
- Extensive area of historic workings and copper mineralisation
 - To a depth of 150m with strike length of 600m
- Falcon (Eggleston's) lies 950m east of Hornet
- Exploration Target:
 - **0.5 to 1.5Mt grading 1% to 2% Cu**

19.07.2016 MRV Metals Confirms Significant Target at Hornet – ASX Web Site



Hornet-Falcon



Hornet-Falcon

- Cooke completed an honours thesis in 2013 including a review of Falcon which stated -
 - Rediscovered “Cooke’s Shaft” 200m east of Falcon
 - Mullock samples collected assayed 20% Zn and 4% Pb
 - Fresh sample collected contained 338ppm Ag, 2.88% Cu, 3.96% Pb, 15.85% Zn
 - Alcyone drilled 6 RC holes in 2013 (not reviewed at this stage) but weren’t available for the thesis
 - The findings of the thesis were never delivered to Alcyone, nor recommendations followed up
- Robust data compilation and field excursions to occur to ensure correct targeting of the vast area is guaranteed
 - +2500m of drilling likely to be completed
- Hornet-Falcon represents a significant exploration target



Looking west to the Falcon shaft

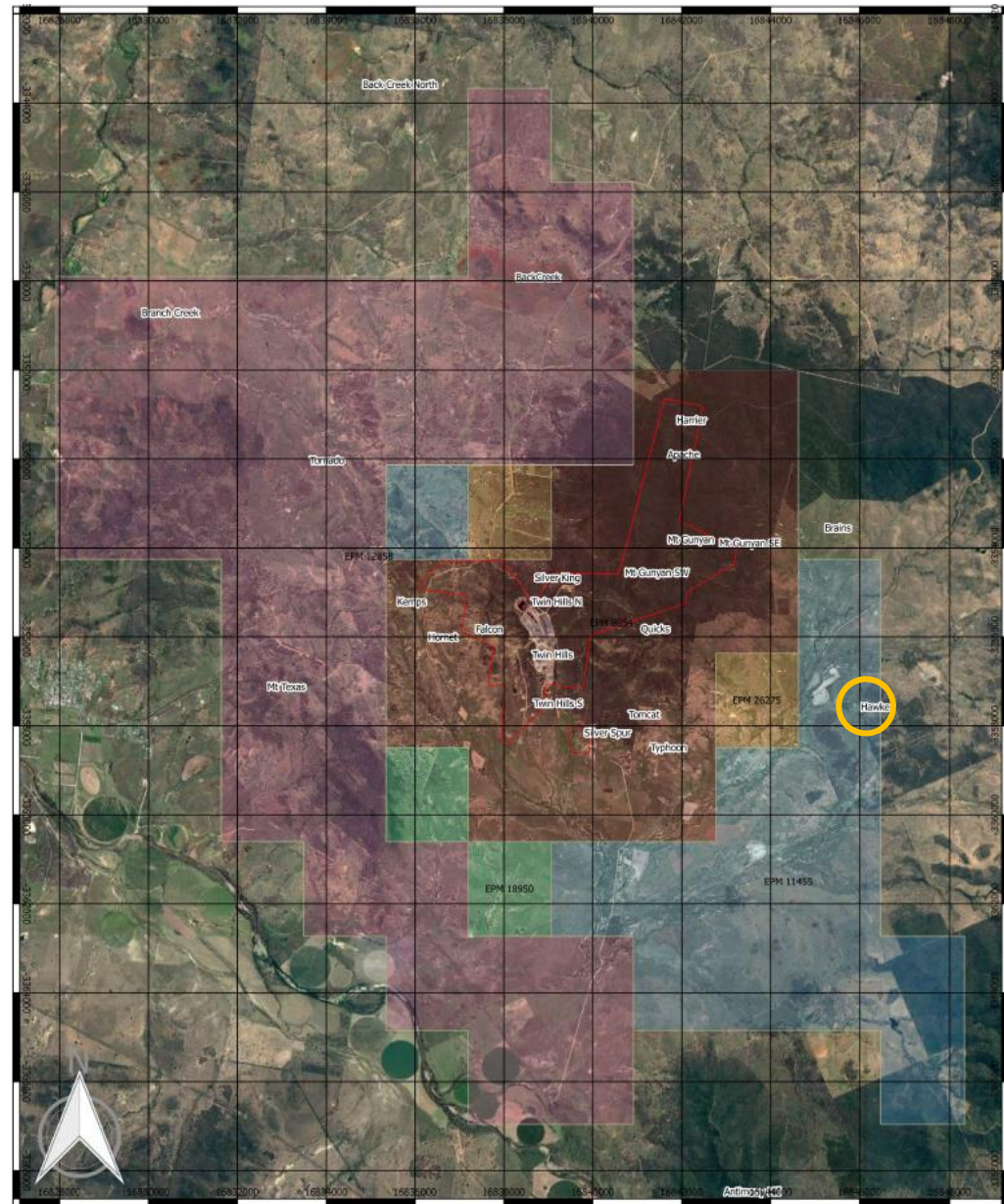


Azurite
(Cu) grab
sample
from
Cooke’s
Shaft

Hawker

- Cu-Ag target located on EPM11455
- Cu mineralisation to a depth of 150m with strike length of 50m
- Exploration Target:
 - **0.1 to 0.5 Mt at 1% to 1.5% Copper, and 30 to 60g/t Silver**

18.07.2016 Hawker Prospect – ASX Web Site



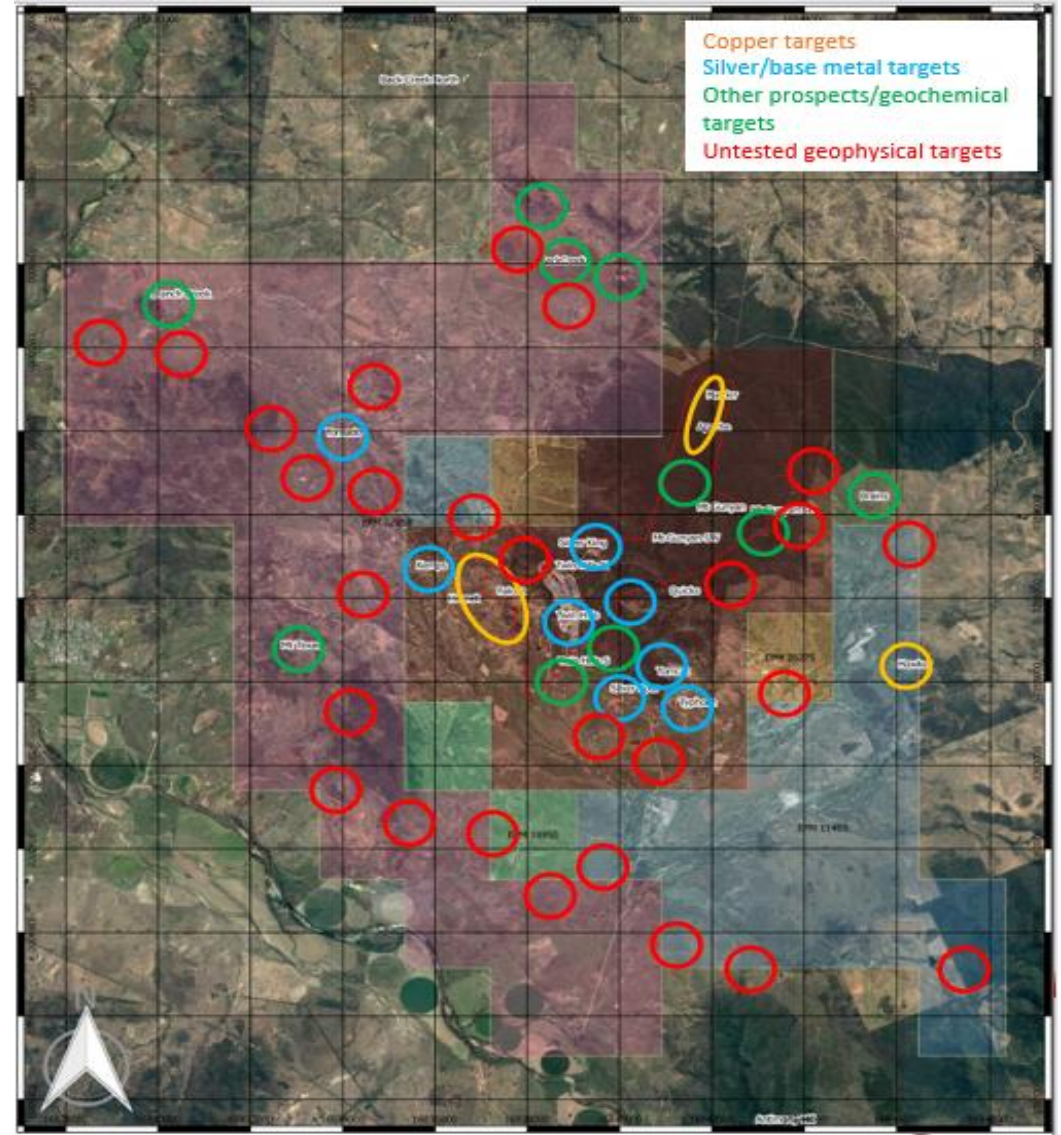
Hawker

- Around 2400m drilling planned to extend the resource
- Data compilation and drillsite locations underway
- Site inspections to follow in the coming weeks



Granite Belt Project District potential

- Twin Hills and Mt Gunyan known as Low Sulphidation Epithermal deposits with both already contain identified JORC releases
- LS Epithermal Districts can host up to 50 separate deposits
 - only a small portion of the tenement package focused on to date





Q&A



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