# **Investor Presentation June 2021**





Hunting for the next high-grade Gold, PGE and Nickel Sulphide Deposits in Western Australia

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#### Competent Persons Statement

The scientific and technical information contained within this Presentation is based on, and fairly represents information prepared by Mr. Humphrey Hale, , a Competent Person who is a Member of The Australian Institute of Geoscientists. Mr. Hale is the Chief Executive Officer of Carnavale Resources Limited and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves". Mr Hale consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

### **Corporate Overview**



#### Targeting high-grade Gold, PGE and Nickel Sulphides in Western Australia

Capitalisation Data <sup>(1)</sup>		
Share Price	<b>A</b> \$	0.006
Issued Capital	М	2,380
Market Cap	A\$M	14.3
Estimated Cash <sup>2</sup>	A\$M	4.1
Enterprise Value	A\$M	10.2

Major Shareholders		
	Directors	7.22%
	Top 20	51.8%
1	Troca Enterprises	6.96%
2	Vienna Holdings Pty Limited (R. Gajewski Director)	5.72%
3	HSBC Custody Nominees (Australia) Ltd	4.15%
4	J P Morgan Nominees Australia Pty Ltd	4.03%
5	Mr Hugo Phillip Coulson	2.67%



#### **Performance Rights**

36,000,000 Expiring 30 June 2021

Unlisted Options	
214,000,000	ex. @ \$0.01 expire 31 July 2022
15,000,000	ex. @ \$0.015 expire 31 July 2022
70,000,000	ex. @ \$0.012 expire 30 November 2023
7,000,000	ex. @ \$0.012 expire 30 November 2022

<sup>1.</sup> Market data as at 24 May 2021

<sup>.</sup> Cash as at 33 March 2021

# **Board & Management**



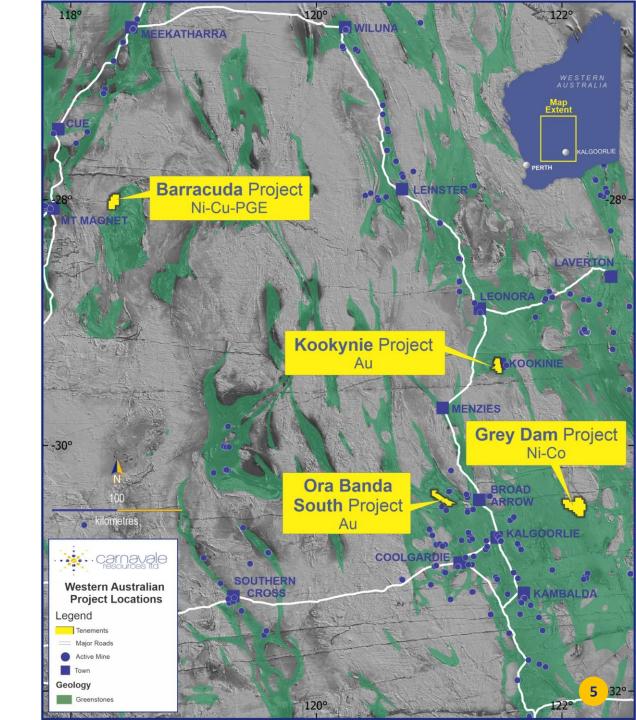
#### A strong, highly credentialed Board of Directors and Management team

Board and Management		
Ron Gajewski Non-Executive Chairman	Mr Gajewski is an accountant by profession, with many years of experience as a Director of public listed companies and as a corporate advisor to public companies listed in both Canada and Australia.	
Andy Beckwith Non- Executive Director	Mr Beckwith is a successful explorer whose past experience includes senior roles with AngloGold Ashanti, Acacia Resources, Normandy NFM, North Flinders, BP Minerals and at Westgold Resources. Mr Beckwith is currently an Executive Director with ASX listed De Grey Mining Ltd.	
Rhett Brans Non-Executive Director	Mr Brans is a civil engineer with more than 40 years of experience in project development of treatment plants and mine developments. Mr Brans is a Non-Executive Director of AVZ Minerals Ltd and Australian Potash Limited. He was previously a Director of ASX-listed companies, Perseus Mining Limited, Tiger Resources Limited, Syrah Resources Limited and RMG Limited and TSX Venture Exchange listed Monument Mining Limited.	
Humphrey Hale CEO	Mr Hale is a geologist with more than 25 years experience. He worked at AngloGold Ashanti (AGA) as Exploration Manager at Sunrise Dam Gold Mine. Mr Hale went on to be Managing Director at Wolf Minerals. Subsequently, Technical Director for Infinity Lithium. Humphrey has held roles as Director and consultant to several ASX listed and unlisted junior exploration companies. Joined Carnavale July 2020. Mr Hale's has direct experience in the acquisition, management, and development of exploration opportunities taking assets from initial exploration to construction.	
Allan Kneeshaw Exploration Consultant	Mr Kneeshaw is a diversified exploration geologist with 26 years' experience in gold, base metals and bulk commodities in Australia and China. Allan joined Carnavale as a consulting geologist 2019. Mr Kneeshaw has held senior roles with major mining companies, including Head of Greenfields Exploration (Australia) for AngloGold Ashanti, Country Manager (Exploration – Australia) for Anglo American and Chief Geologist (China) for AngloGold Ashanti.	

### **Key Projects**

# Hunting for the next high-grade Gold, PGE and Nickel Sulphide deposit

- Carnavale has 4 highly prospective exploration projects targeting highgrade gold, platinum group elements (PGE) and nickel sulphide located in Western Australia
  - Kookynie Gold Project
  - Ora Banda South Gold Project
  - Barracuda PGE Ni-Cu Project
  - Grey Dam Nickel Project
- The Company continues to evaluate exploration and development opportunities that can enhance shareholder value

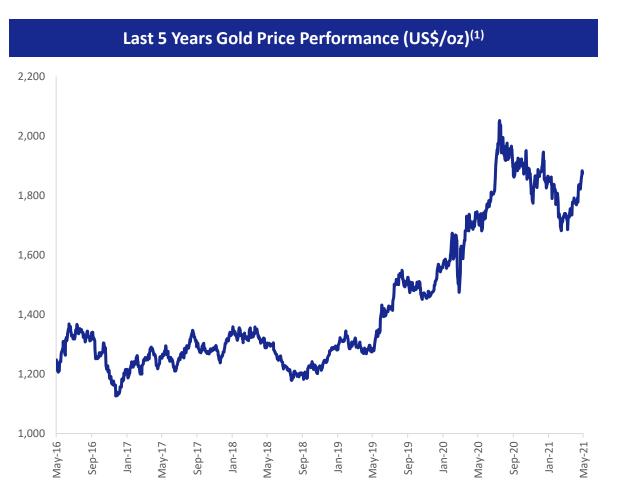




## **Ideal Commodity Mix: Gold PGE and Nickel Sulphide**



Gold price has recently hit record highs, striking above US\$2,000/oz...



The supply of battery grade Nickel Sulphide is in short supply and high demand...



S&P Global Market Intelligence LBMA Gold Bullion market data as at 24<sup>th</sup> May 2021

S&P Global Market Intelligence LME Nickel market data as at 24<sup>th</sup> May 2021

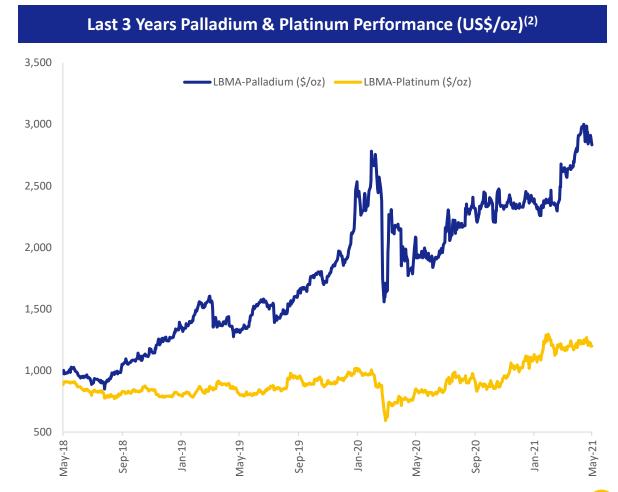
## **Ideal Commodity Mix: Gold PGE and Nickel Sulphide**



Rhodium spot price has been at record highs on the back of growing demand from the auto industry...

Last 3 Years Rhodium Performance (US\$/oz)(1) 35,000 30,000 25,000 20.000 15,000 10,000 5,000 Sep-18

Palladium rose above US\$3,000/oz for the first time in April 2021 due to supply concerns...



S&P Global Market Intelligence Rhodium Spot Price market data as at 24<sup>th</sup> May 2021

S&P Global Market Intelligence LBMA Palladium & Platinum market data as at 24th May 2021

### **Kookynie Gold Project**

#### Overview: High Grade Gold Potential

- Kookynie area has >650,000oz historic high-grade gold production from high-grade quartz vein deposits dating back to late 19<sup>th</sup> century
- Carnavale entered into 12-month Option Agreement to acquire 80% of the Kookynie Project from Western Resources Pty Ltd and acquired 100% of P40/1480 and application E40/394<sup>(1)</sup>
  - 5 tenements covering approximately 50km² within historic Kookynie Mining Camp
  - 60km from Leonora and 150km from Kalgoorlie
- Surrounded by Metalicity (ASX:MCT), Genesis Minerals (ASX:GMD) and GTi Resources (ASX:GTR)
- ASX:GMD Greater Ulyssess Project located 10km to the north
  - Resources of 1.6Mt @ 1.8g/t (JORC 2012)
- Intensive exploration ongoing since November 2020



Tenement Holders Carnavale (CAV) Gti Resources (GTR) Metalicity (MCT) Genesis Minerals (GMD) 870koz Admiral-Butterfly 245koz Orient Well E40/394 340000

360000

340000

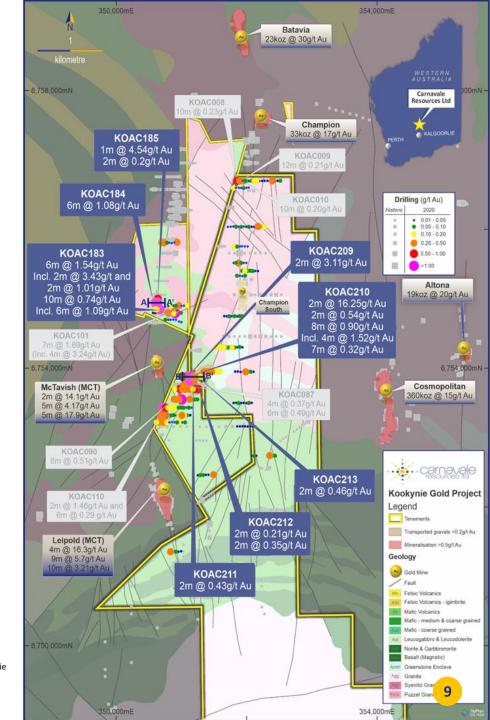
# **Kookynie Gold Project**(1)

#### **Prospectivity**

- Cosmopolitan Mine located 1km east
  - 360,000oz @ 15g/t Au production
- Champion Mine located 1km north
  - 33,000 @ 17g/t Au production
- Immediate strike extensions of the Leipold and McTavish deposits currently being drilled by ASX:MCT (51%) and ASX:NME (49%) Recent high-grade results at MCT's McTavish include<sup>2</sup>:
  - Hole McTRC0044 3m @ 19g/t from 88m (inc. 1m @ 52.8g/t)
  - Hole McTRC0005 5m @ 17.9g/t from 48m (inc.1m @ 80.17g/t)
  - Hole McTRC0001 4m @ 6.4g/t from 67m (inc. 1m@ 15. 47g/t)
- 3 aircore programs completed targeting high grade structurally controlled mineralisation under cover
- Results have increased by an order of magnitude for each program



- For details refer to Carnavale ASX release "Carnavale acquires high grade Gold Project Kookynie" dated 4 August 2020 and 'Kookynie Additional ground' dated 13 September 2020 and 'Exploration update' 22 October 2020
- 2. For details refer to Metalicity ASX release "McTavish returns assays up to 52.8g/t and Executive Changes' 24 May 2021



### **Kookynie Gold Project**(1)

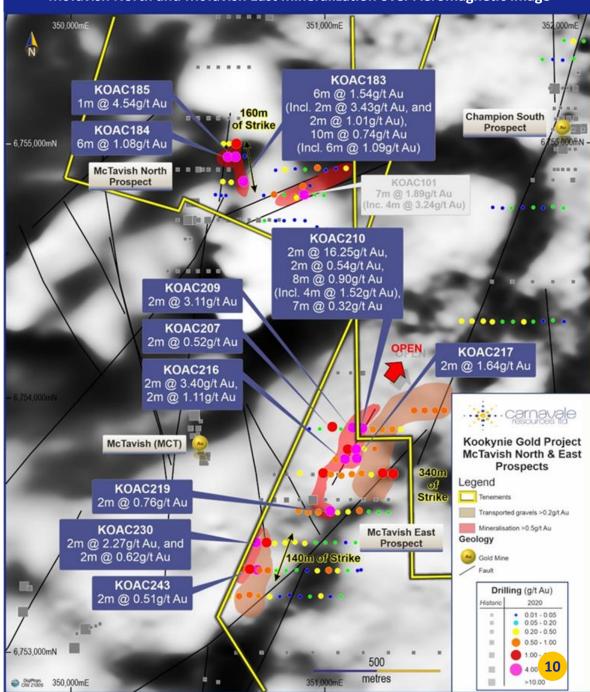
#### **Exploration success**

- McTavish East with a strike length of over 500m that remains open to the northeast, high-grade Intercepts include:
  - Hole KOAC210 2m @ 16.25g/t from 54m
  - Hole KOAC209 2m @ 3.11g/t from 14m
  - Hole KOAC230 2m @ 2.27g/t from 50m
  - Hole KOAC216 2m @ 3.40g/t from 70m
- McTavish North over 160m of strike and remains open to the North, highgrade intercepts include:
  - Hole KOAC183 2m @ 3.43g/t from 2m
  - Hole KOAC185 1m @ 4.54g/t from 31m
  - Hole KOAC 101 4m @ 3.24g/t from 14m (ended in mineralisation)
- The current drill program is following up on these anomalies with close spaced aircore designed to define the anomalies sufficient for RC drilling



For details refer to Carnavale ASX release Aircore continues at Kookynie targeting highgrade gold 11th May 2021

#### McTavish North and McTavish East mineralization over Aeromagnetic image

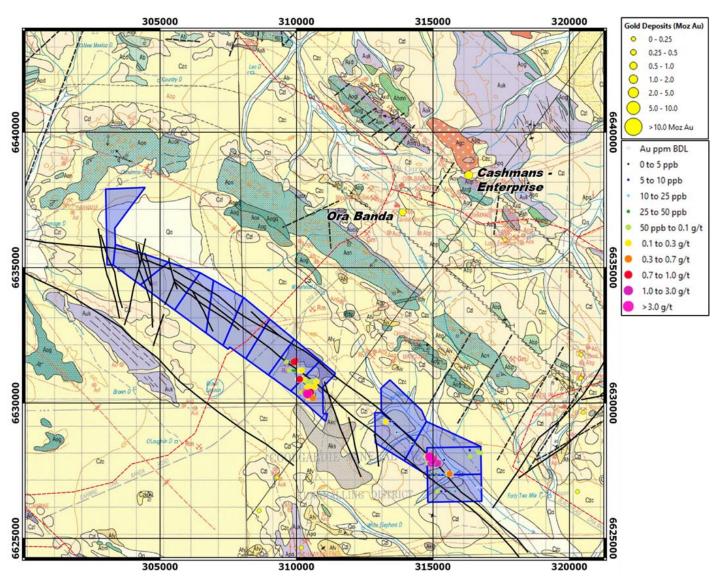


## **Ora Banda South Gold Project**(1)

#### Ora Banda South high-grade gold target

- 8km south of the Ora Banda Mining Centre and 65km NW of Kalgoorlie
- 15km of strike along the Carnage shear that defines the Kurrawang Conglomerate and Black Flag Group contact
- Analogous to the +2.5Moz Invincible Gold Mine, discovered by Goldfields Ltd near Kambalda
- 4km and 1.2km long auger gold anomalies in the southern portion of the tenement package
- Significant shallow bedrock gold results from limited aircore and RAB drilling completed by previous explorers include:
  - 14m @ 0.79g/t from 73m and 2m @ 1.56g/t from 90m to EOH in OBAC033
  - 5m @ 2.29g/t from 116m to EOH in KWAC055
- Systematic exploration program planned including soil sampling and aircore drilling





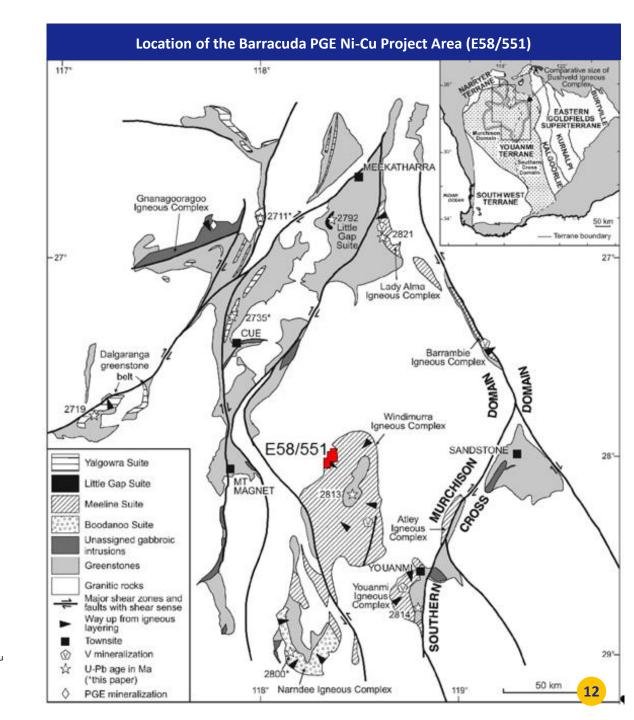
# Barracuda PGE Ni-Cu Project<sup>(1)</sup>

#### An underexplored & new energy metals project

- Strong Metal prices with Palladium (Pd) at US\$2,760/oz, Platinum (Pt) at US\$1,200/oz, Rhodium (Rh) at US\$24,700/oz<sup>(2)</sup>, Ruthenium \$20,500/kg<sup>(3)</sup>
- Project covers multiple coincident Pt-Pd-Cu-Ni soil anomalies identified by Pancontinental Mining Limited (Pancon) that remain untested
- 4 rock chip samples were taken from the chromitite layer, assay results include **3.45g/t 4PGE**<sup>(4)</sup>, **3.39g/t 4PGE**<sup>(4)</sup> with up to **12.55% chrome**, confirming historic sampling and geology
- Mineralisation on the contact between mafic (gabbroic) and olivine-rich ultramafic rocks assayed up to 8.27g/t platinum group elements in historic assays (4PGE\*)
- Review of open file remote sensing data has identified previous
   Aeromagnetic survey, Digital Elevation Model and radiometric surveys including broad spaced Aero Electro-Magnetic surveying
- Ongoing evaluation of data to define targets for detailed exploration with Heli VTEM survey booked for H2 2021



- For details refer to Carnavale ASX Up to 3.45g/t 4PGE\* in rock chips from Barracuda PGE-Ni-Cu
  Project initial field trin 6 April 2021
- Kitco.com 21 May 2021
- 3 Umicore Sales 21 May 2021
- 4PGE is the addition of Pt, Pd, Rh, and Ru as an aggregate

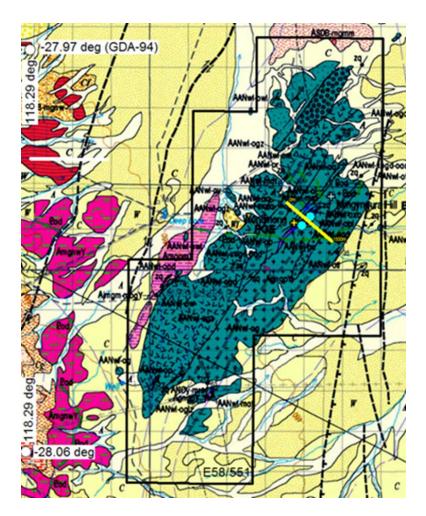


### **Barracuda PGE Ni-Cu Project**

#### Exploration: New energy metals

CAV's proposed work program includes:

- Fly the Project area with airborne EM (used by Chalice Mining Limited (ASX: CHN) to define the Julimar PGE- Ni-Cu-Co-Au discovery)
- Digitally capture the Pancontinental soil geochemistry and contour the PGE, Ni, and Cu data to define metal-anomalous trends
- Follow-up airborne EM anomalies with ground EM, with priority given to areas with established, coincident PGE-Cu-Ni soil anomalism
- Drill-test targets subject to results





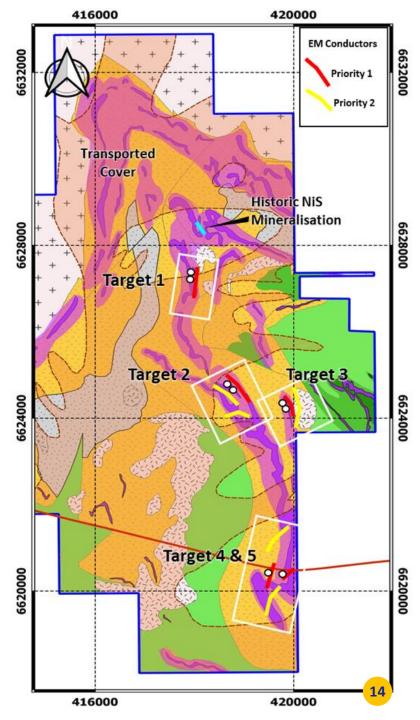


### **Grey Dam Nickel Sulphide Project**

#### Exploration: Surface Geochemistry – Nickel, Copper, Platinum

- Extensive data review of historic geochemistry, drilling and magnetics by independent Consultant in 2020
- Historic drilling targeting gold and Nickel Cobalt laterites
- Data shows coincident Cu and Pt anomalies over mafic/ultramafic sequence indicating potential for Nickel Sulphide mineralisation
- Ni Sulphide in core proving mafic/ultramafic sequence has the ability to host NiS
- Strong prospectivity for Nickel Sulphide
- FLEM survey was conducted over ultramafic package with anomalous Geochem
- 5 Strong EM conductors defined by FLEM survey including abundant lower order conductors
  - 4 priority areas targeting NiS within the tenement package
- 7 drill holes were drilled for 1,700m with a combination of RC and diamond drilling

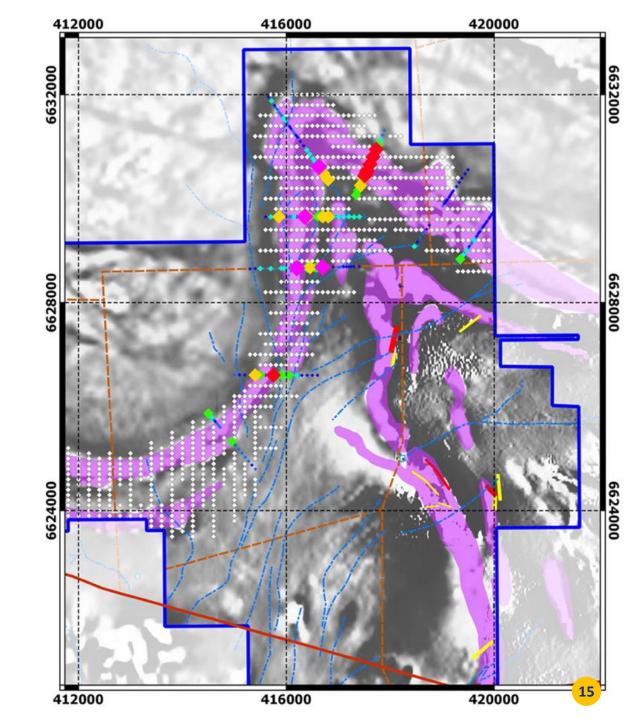




### **Grey Dam Nickel Sulphide Project**(1)

#### Exploration: drilling to test Priority EM Targets

- Initial Ultra Fine Fraction (UFF) soil program successfully identified mafic /ultramafic host sequences
- Additional UFF soil sampling programme completed within the northern ultramafic package
- Ultra Fine Fraction soil sampling exploration being developed in conjunction with CSIRO
- Multi element ratio analysis to search for concealed NiS bodies within the fertile mafic/ ultramafic package.
- Further FLEM surveys and drilling based on results





#### Contact

Humphrey Hale CEO

Carnavale Resources Limited Level 2, Suite 9, 389 Oxford Street Mt Hawthorn, WA, 6016

T: +61 8 9380 9098

F: +61 8 9380 6761

E: admin@carnavaleresources.com W: www.carnavaleresources.com

ABN: 49 119 450 243

