

# **Defining a New Ni-Cu Sulphide Province**



As at 12th January 2022

## COMPANY OVERVIEW / FLAGSHIP PROJECT

Azure Minerals Ltd (ASX: AZS) is a Western Australian-focused mineral exploration company. AZS is rapidly progressing its greenfield Andover nickel-copper-cobalt discovery (60% Azure - 40% Creasy Group) while also exploring its portfolio of exciting gold projects. The acquisition of the Western Australian nickel, copper and gold portfolio from prominent mining investor and prospector Mr. Mark Creasy and the Creasy Group in July 2020, has been a game-changer for Azure.

GOLD PROJECTS	
Barton	<ul> <li>100% Azure</li> <li>600km<sup>2</sup>, in the exciting gold-rich Kookynie gold district with nearby past production and current resources totalling 4 million oz gold</li> <li>Drilling underway (see next page)</li> </ul>
Turner River	<ul> <li>70% Azure – 30% Creasy Group</li> <li>450km<sup>2</sup>, located near to De Grey Mining's (ASX: DEG) Mallina project (gold resources of 9 million oz, including the large-scale Hemi gold deposit)</li> </ul>
Meentheena	<ul> <li>70% Azure – 30% Creasy Group</li> <li>Explored by the Creasy Group since 1994</li> <li>Drilled for epithermal gold mineralisation</li> </ul>
Coongan	<ul> <li>70% Azure – 30% Creasy Group</li> <li>Adjoins Novo Resources' operating Beatons Creek gold mine (1 million ounces gold resources)</li> </ul>

## KEY ELEMENTS OF STRATEGY

#### AZS pursues a two-fold strategy:

- Progress the exploration, evaluation and development of the 1. Andover nickel-copper sulphide project in Western Australia. A maiden mineral resource estimate is expected in Q1 2022.
- Explore/drill the Barton gold project (100% AZS) as well as the 2. other gold projects

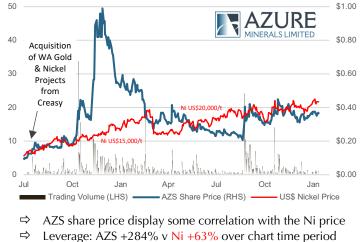
#### **KEY OUTCOMES IF SUCCESSFUL**

- 1. Defining a new nickel-copper sulphide camp
- Discovering significant high-grade gold resources 2

# CORPORATE OVERVIEW (AUD)

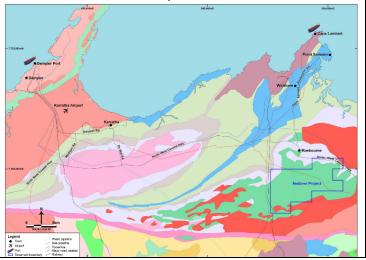
Shares	310.7 million shares
Unquoted	2 million options expiring on 30 November 2022 with
Options	exercise price of \$0.205
	3 million options expiring 30 Jun 2024 with exercise
	prices: \$0.49 (0.5m), \$0.57 (1.0m) and \$0.65 (1.5m)
Share Price	\$0.365 (as at 11 <sup>th</sup> January 2022)
Market Cap.	\$113.4 million
Cash	\$24.7 million (as at 30 <sup>th</sup> September 2021)
⇒ Lean capital structure	

- Very well funded



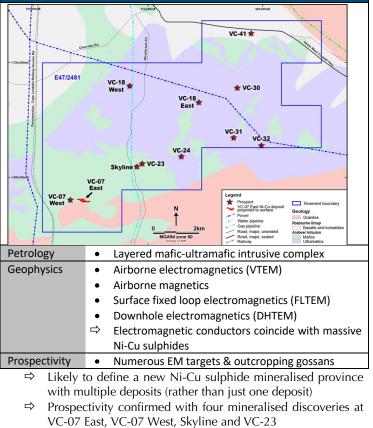
## ANDOVER Ni-Cu PROJECT LOCATION and GEOLOGY

The Andover Nickel-Copper Project comprises a single Exploration Licence (E47/2481) located 35km southeast of Karratha and immediately south of Roebourne. Andover covers 70km<sup>2</sup> and contains most of the Andover Mafic-Ultramafic Intrusive Complex which is similar geologically to the Fraser Range Province (host to the Nova-Bollinger Ni-Cu Mine and Legend Mining's Mawson Ni-Cu discovery), the Gonneville Intrusive Complex (host to Chalice Mining's Julimar palladium-platinum-coppernickel project), and the Savannah Intrusive Complex (host to Panoramic Resources' Savannah Nickel Mine).



- ⇒ Highly prospective geology
- Available infrastructure: airports, gas pipeline, ports access, grid electrical power, railway, sealed highwavs. telecommunications, towns, scheme water
- Access to labour, engineering and commercial support services

# ANDOVER NI-CU PROJECT GEOLOGY



Confirmed exploration tools successfully deployed

Compiled by JF Bertincourt, Director, Terra Studio, www.terrastudio.biz

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Company profile by

WORK IN PROGRESS / PLANNED



# ANDOVER VC-07 DEPOSIT 512,000mE N 512500m .694.500ml 250m A94 zone 50 54 & 113 VC-07 EAST VC-07 WEST DEPOSIT Legend Gossan VC-07 East Ni-Cu deposit Drill collar location and trace (VC-07 West) Section line projected to surface DHEM conductor plates ~~ F Fault Drilling 139 diamond holes for 62,166m • Size VC-07 mineralised zone is >1,050m long x >500m • deep and up to 30m broad true width Sulphide mineralisation starts from 20m below • surface and extends to at least 550m below surface Grades Internal high-grades zones average 4-8m wide @ 2-٠ 3% Ni Overall mineralised envelope averages 15-30m wide @ 1.0-1.5% Ni VC-07 - significant deposit size already and with room to grow ⇒ ⇒ No bonanza grades but outstanding continuous geometry with high-value consistent grades throughout the deposit ANDOVER VC-23 AND SKYLINE DISCOVERIES 695 750m SKYLINE Legend mond drill hole FLTEM conductor plate

Multiple EM conductors tested by drilling with all

VC-23 east-west down-dip mineralised extent in

holes intersecting Ni-Cu sulphides

excess of 200m and open in all directions Skyline is 200m x 100m and open in all directions

Peak assay results of 4.76% Ni and 2.69% Cu

11 diamond holes

	UGRESS / PLANNED
Mineral	<ul> <li>VC-07 East resource drilling completed</li> </ul>
Resource	⇒ Maiden mineral resource due in Q1 2022
	• VC-07 West resource drilling underway (1-2 rigs)
Exploration	Drilling in progress at 12 high priority targets
Drilling	including: Skyline, VC-23, VC-18, VC-41
Brinns	
<u> </u>	
Development	Initial metallurgical test work: recoveries up to
Studies	93.5% for Ni and 94.7% for Cu.
	<ul> <li>Ni concentrate: 15.7% Ni and 0.57% Co</li> </ul>
	<ul> <li>Copper concentrate: 25.5% Cu</li> </ul>
	<ul> <li>Advanced metallurgical studies underway</li> </ul>
	Geotechnical and mining
	Community, heritage and environment
	<ul> <li>Infrastructure and logistics</li> </ul>
	nation of development & exploration news flow
	I conductors drilled to date have been confirmed to
	n nickel-copper sulphides
⇒ Andove	er project could contain multiple economic deposits
⇒ Signific	cant opportunities to add value to shareholders
BARTON GOI	
Barton	• 100% Azure
	• Since the 1890s, the Kookynie-Orient Well-Ulysses
	district has produced more than 1.1Moz of gold from
	open pit and underground mining of high-grade,
	quartz vein gold deposits and currently hosts
	additional gold resources of >3 million oz
	• 600km <sup>2</sup> , in the exciting gold-rich Kookynie gold
	district with nearby past production and current
	resources totalling 4 million oz gold:
	<ul> <li>Genesis Minerals Ltd (ASX: GMD): Ulysses</li> </ul>
	gold project (1,608,000 oz)
	<ul> <li>GMD recent gold discovery at Puzzle North</li> </ul>
	<ul> <li>Saturn Metals Ltd (ASX: STN): Apollo Hill gold</li> </ul>
	project (944,000 oz)
	• Recent high-grade gold discoveries by
	Metalicity Ltd (ASX: MCT) and others
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OTHER GOLD	O PROJECTS
Turner River	• 70% Azure – 30% Creasy Group
	• 450km <sup>2</sup> , located near to De Grey Mining's (ASX: DEG)
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٠ ⇒ Early days but promising

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Target

Drilling

Grades

Size

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