

A sunset scene with a bright sun low on the horizon, casting a warm orange glow across the sky. The foreground is dominated by dark silhouettes of trees and bushes, creating a sense of depth and contrast against the bright light of the sun.

# **Castile Resources Limited**

## **Buried Treasure in the Territory**

**121 APAC Presentation**  
**June 2021**

# Compliance & General Disclaimer



## COMPETENT PERSONS STATEMENTS

The information in this report that relates to Exploration Results and Mineral Resources and Exploration Data is based on, and fairly and accurately represents, information and supporting documentation compiled by Mr. Jake Russell B.Sc. (Hons) MAIG and Mr Mark Savage who each have sufficient experience which is relevant to the styles of mineralisation, the types of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC 2012)". Mr Russell is a Member of the Australian Institute of Geoscientists and is a Director of Castile Resources Limited and is eligible to and may participate in any short-term and long-term incentive plans of the Company as disclosed in its annual reports and disclosure documents. Mr Savage is a Member of The Australasian Institute of Mining and Metallurgy and a full-time employee of Castile. Mr Russell and Mr Savage each consent to the inclusion in this report of the matters based on this information in the form and context in which it appears.

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## PREVIOUSLY REPORTED INFORMATION

This presentation refers to information previously announced to the ASX, including mineral resource estimates and exploration results announced to the ASX on 12 February 2020 in its Prospectus dated 3 December 2019, and exploration results announced to the ASX on 14 and 20 October 2020, 2 November 2020, 26 November 2020, 24 May 2021 and 2 June 2021. 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 or this presentation, and that all material assumptions and technical parameters underpinning the mineral resource estimates continue to apply and have not materially changed.

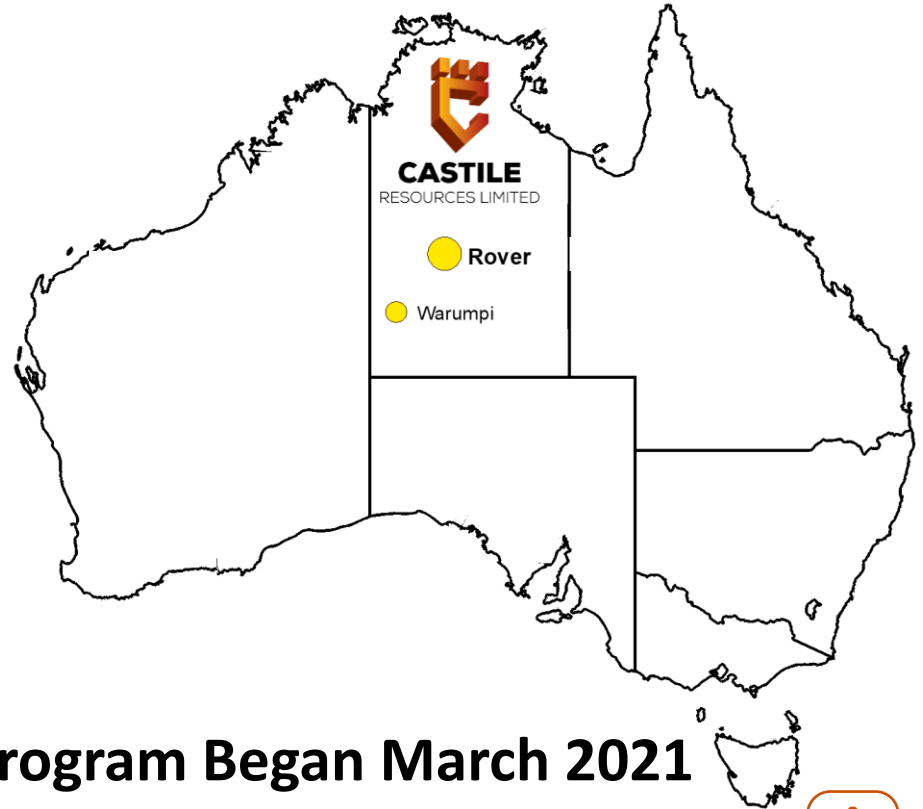
Authorised by the board of Castile Resources Limited.

Castile Resources Limited – Level 7, Ashton Chambers, 189 St Georges Terrace, Perth WA 6000.

# Strong Cash Position for Exploration and Development



<b>ASX Code</b>	<b>CST</b>
<b>Shares on Issue</b>	<b>199.7M</b>
<b>Share Price</b>	<b>A\$0.22</b>
<b>Market Cap</b>	<b>A\$44M</b>
<b>Cash as at 31/03/21</b>	<b>A\$13.3M</b>

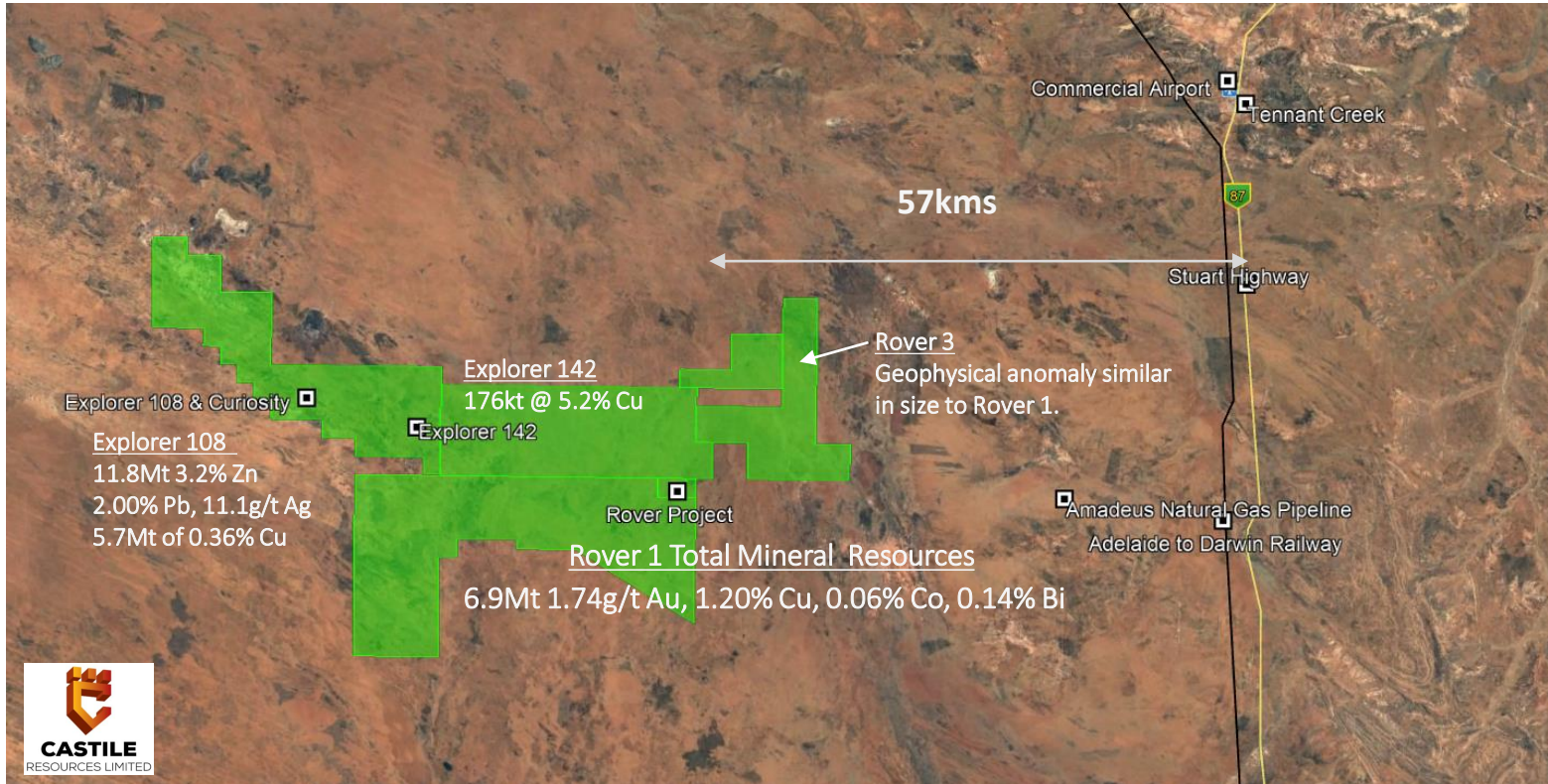


**Fully Funded 10,000m Drilling Program Began March 2021**

# The Rover Mineral Field

## Surrounding Infrastructure and Resources

Gas, Rail, Road and Commercial Airport close to a major regional centre



# Rover 1 – A Spectacular High Grade Gold Copper Deposit



## Gold Intercepts

**10m @ 47.97g/t Au**

from 471m in R1ARD41-1

**7m @ 125.93 g/t Au**

from 542m in WGR1D034

**20m @ 32.61 g/t Au**

from 469m in WGR1D003

**23m @ 13.22 g/t Au**

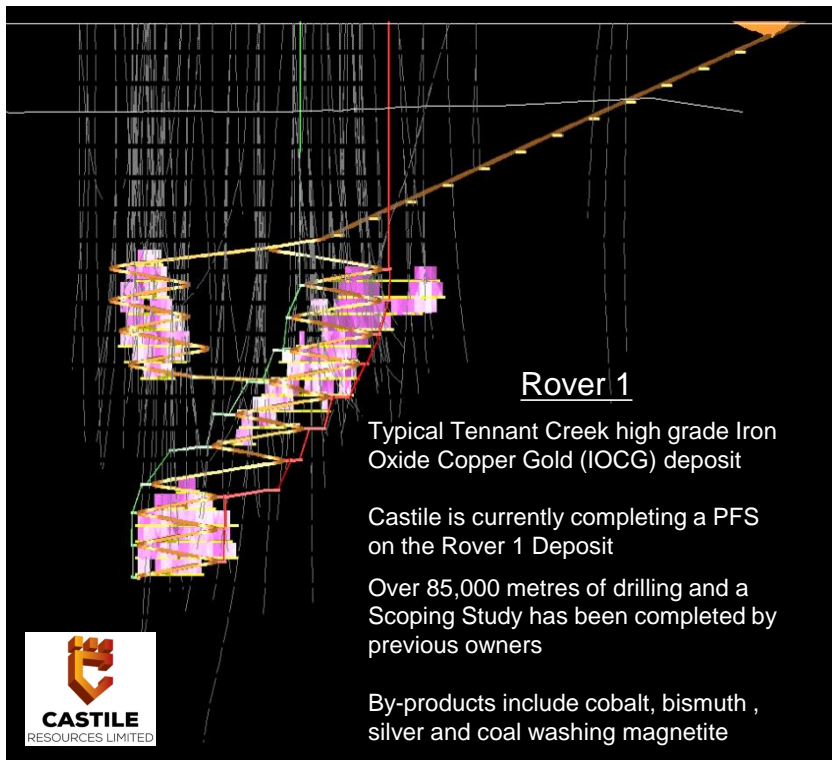
from 833m in WGR1D059-2A1

**22.75m @ 21.89 g/t Au**

from 499m in WGR1D002-5

**12m @ 58.40 g/t Au**

from 555m in WGR1D002-5



## Copper Intercepts

**21m @ 6.86% Cu**

from 469m in WGR1D011

**27m @ 4.75% Cu**

from 429m in WGR1D024-1

**27m @ 3.26% Cu**

from 935m in WGR1D055-1

**30.2m @ 4.46% Cu**

from 827m in WGR1D059-2A1

**42m @ 4.10%Cu**

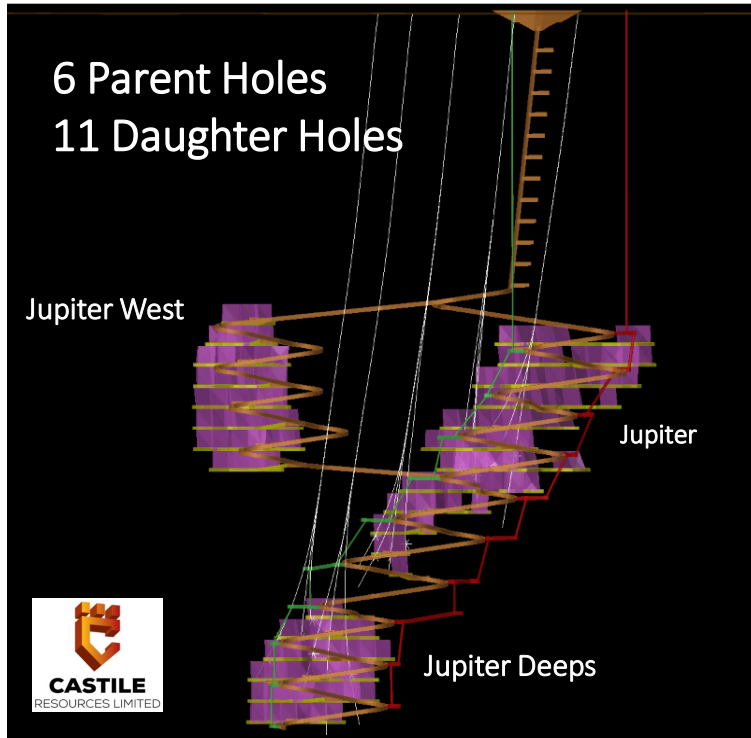
from 360m in R1ARD30

**29m @ 3.60% Cu**

from 399m in WGR1D034-1

# Rover 1 – Further Resource Definition drilling for PFS

Proposed drill strings for 2021 Rover 1 program



Plan view of deposit and mining engineering model



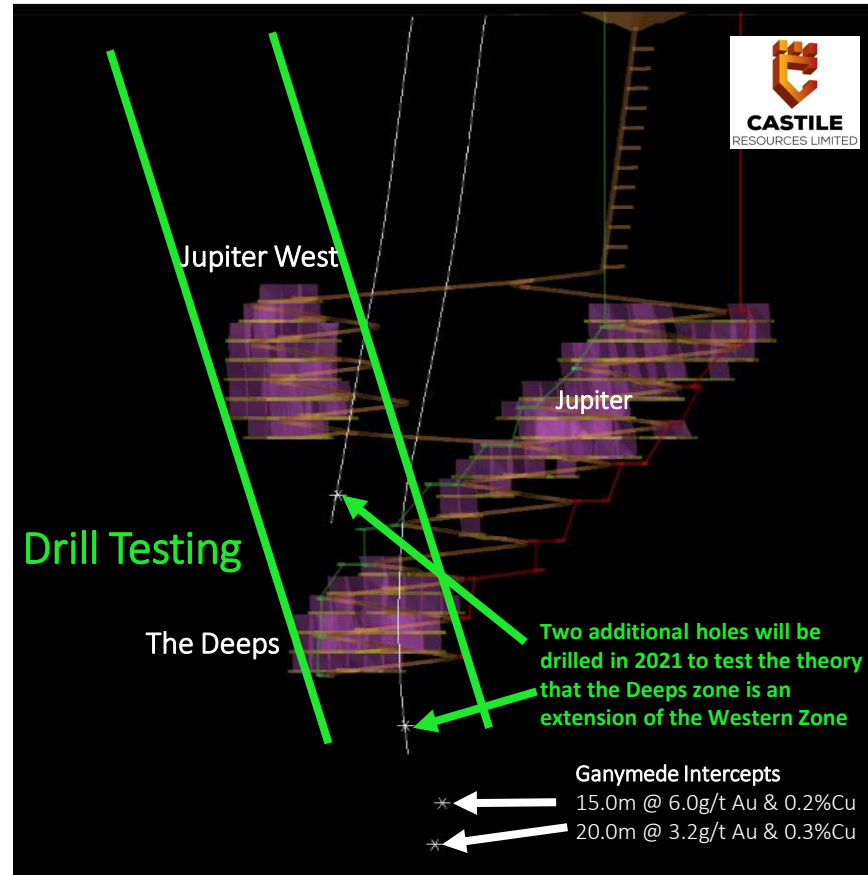
The Rover 1 Pre-Feasibility Study is analysing the possibility of solar power options for the processing plant and an electrified underground haulage mining fleet



Sun Cable Solar Farm



Drilling and interpretation in 2020 has shown that Jupiter Deeps and the Ganymede Intercepts may be an extension of Jupiter West. This will be tested in the 2021 program



# First Hole of 2020 Delivers Stunning Intercept from Rover 1

The first hole drilled by Castile 20CRD001 delivered the best Gold Copper intercepts ever received at Rover 1

**30.4m @ 35.6 g/t Au with 1.46% Cu**

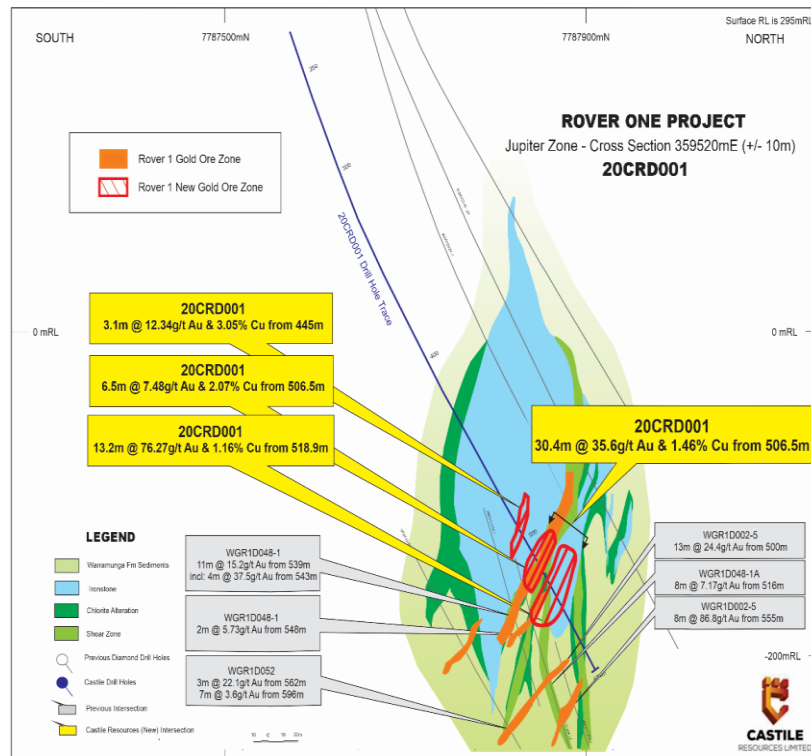
## Conclusions of 2020 Program Rover 1

High grade “Bonanza” gold zones in Rover 1

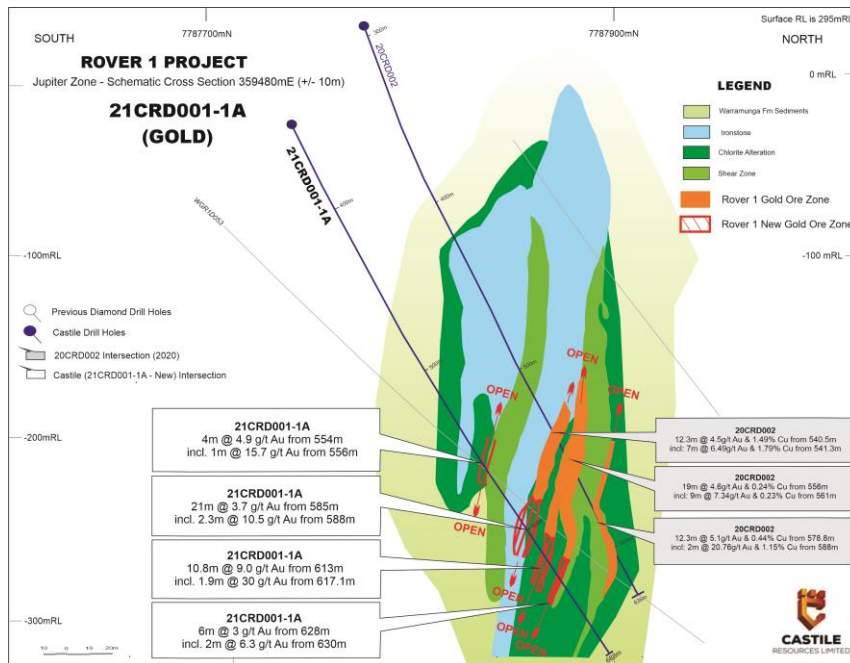
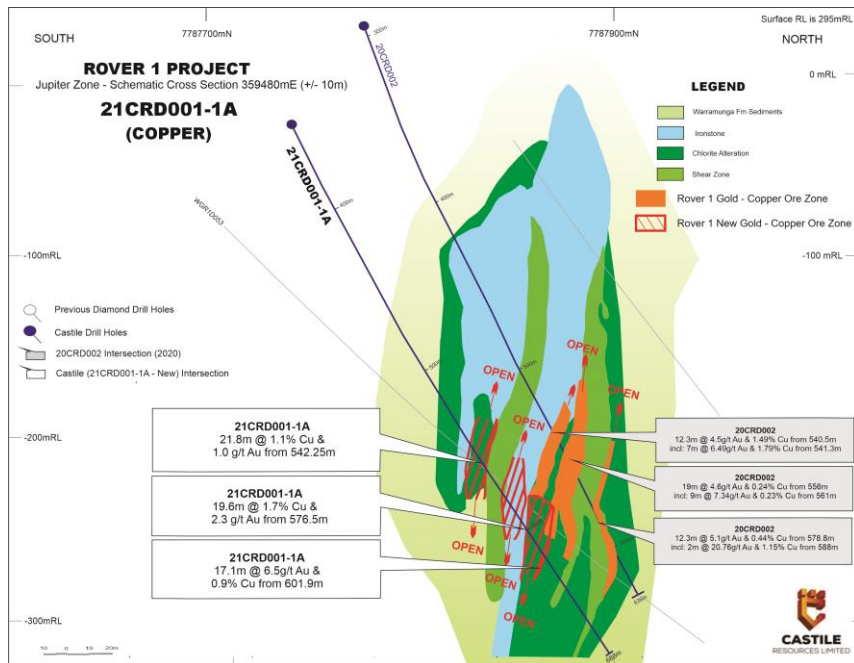
Super-rich gold lenses typical of the great mines of the Tennant Creek goldfields

More intense drilling required to validate enriched zones continuity for the PFS due to the large value of gold and copper metal dependent on each intercept

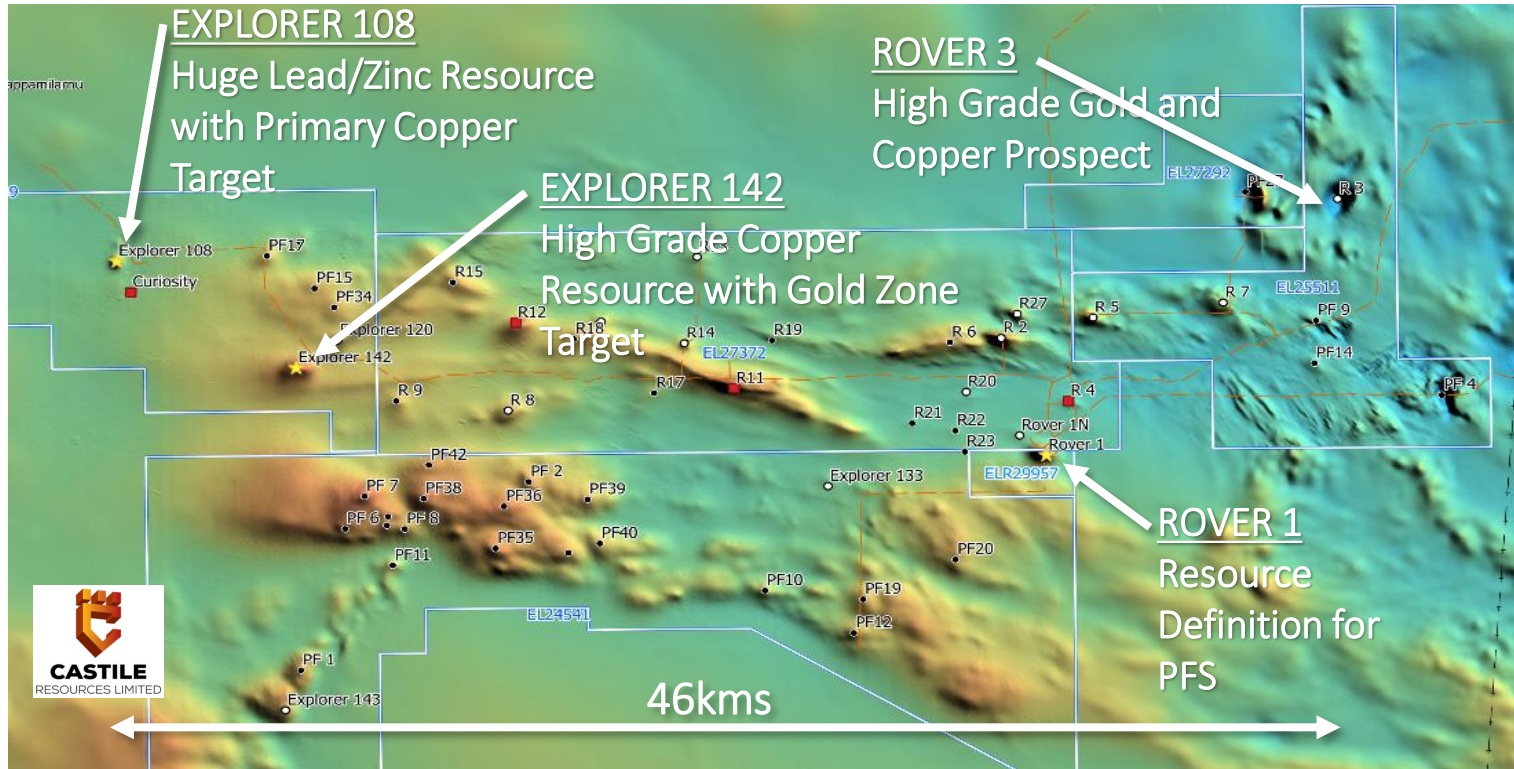
Jupiter Zone Cross Section showing Hole 20CRD001  
The red areas show the new, larger additional interpreted ore zones



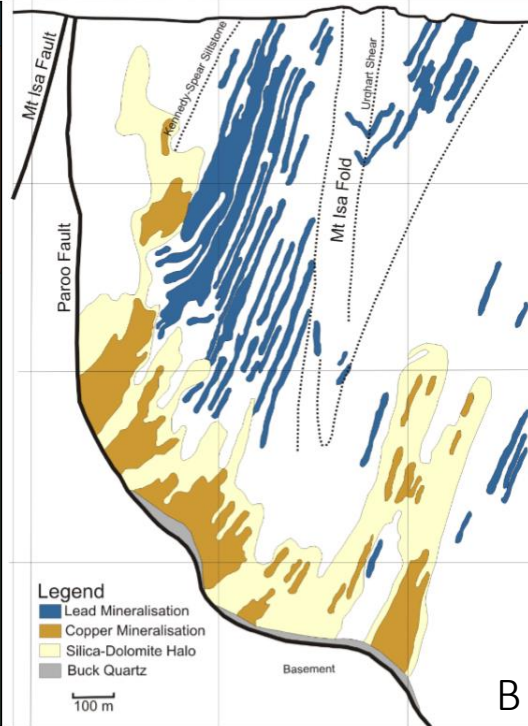
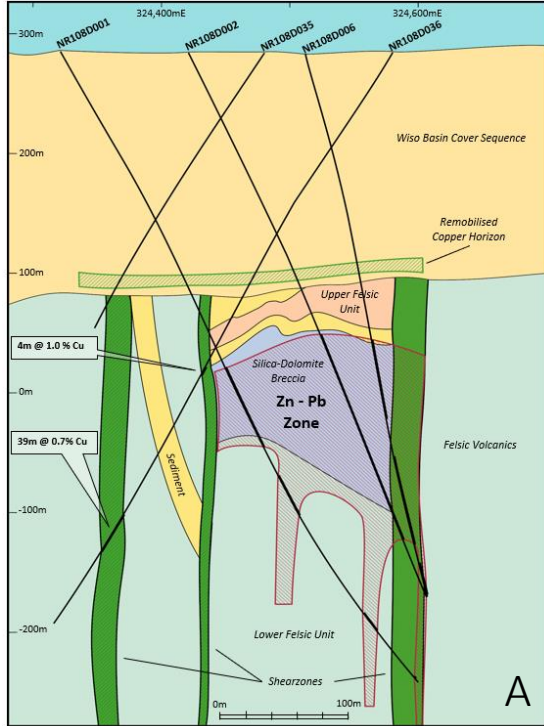
# 2021 Drilling Expands Mineralised Zones at Rover 1



## 2021 Regional Exploration



# Explorer 108 – Mount Isa Model with Primary Copper Targets



## Explorer 108

Resource 11.8Mt 3.2% Zn, 2.00% Pb, 11.1g/t Ag  
5.7Mt of 0.36% Cu

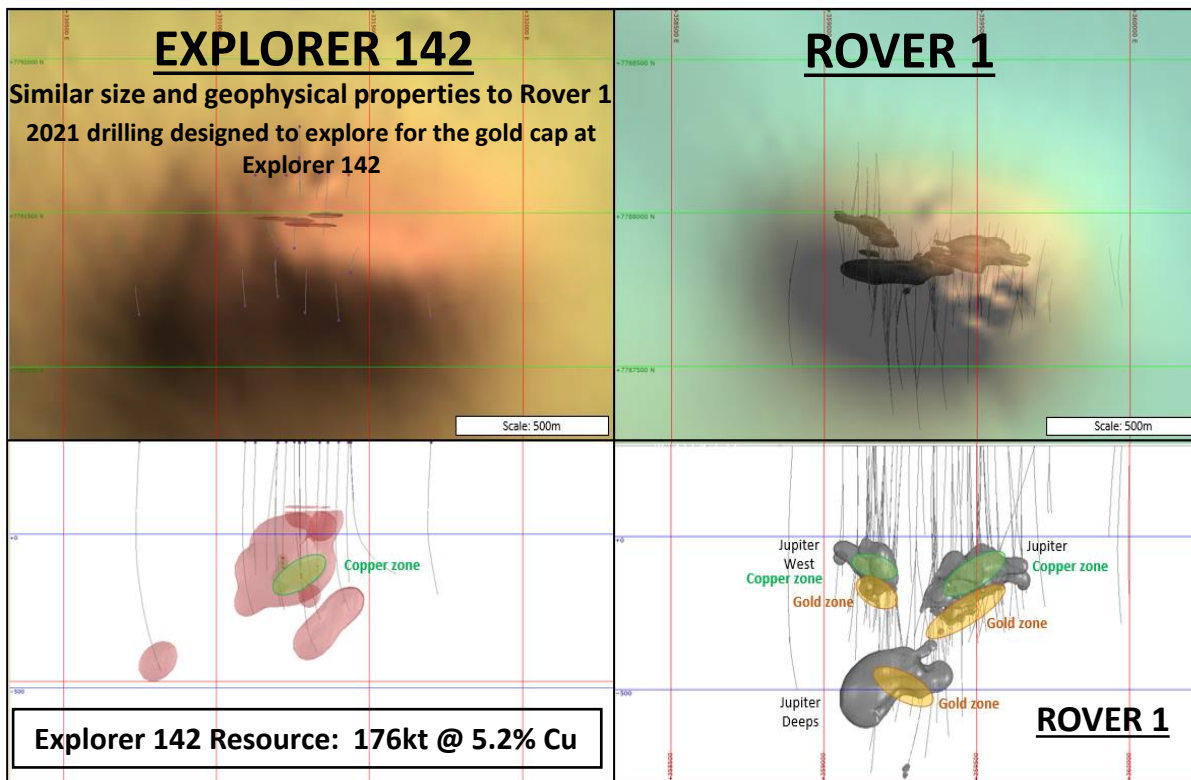
This program aims to identify the primary copper source that theoretically accompanies the lead zinc deposit. Two geophysical anomalies have been identified and will be further assessed in this program.

Explorer 108 shares several geological features with Mount Isa which is located 700kms to the East:

- Tectonic setting
- Temporal igneous intrusive events
- Host rocks
- Host rock preconditioning via silica-dolomite alteration
- Structural controls and
- Mineralisation style.

Comparison between Explorer 108 (A) and Mt Isa (B). Mt Isa simplified section from McLellan et al (2014).

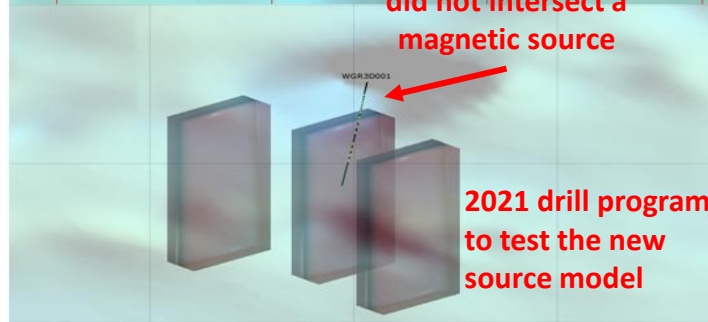
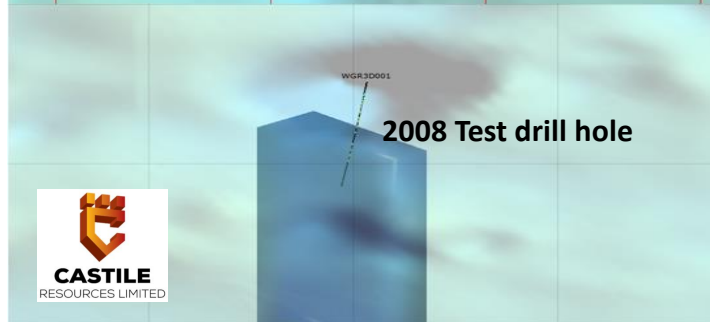
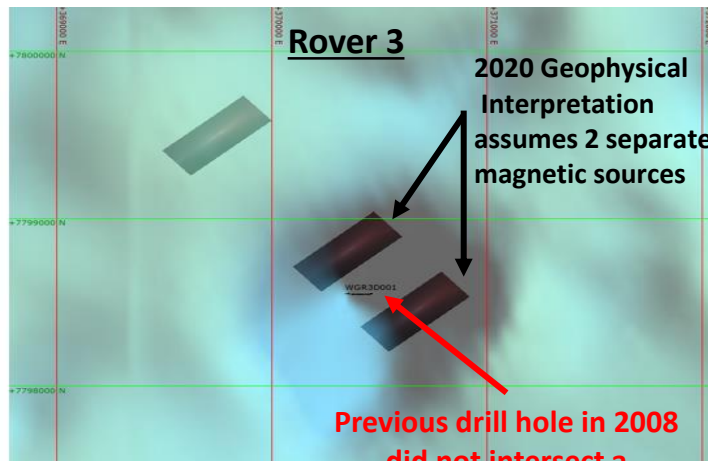
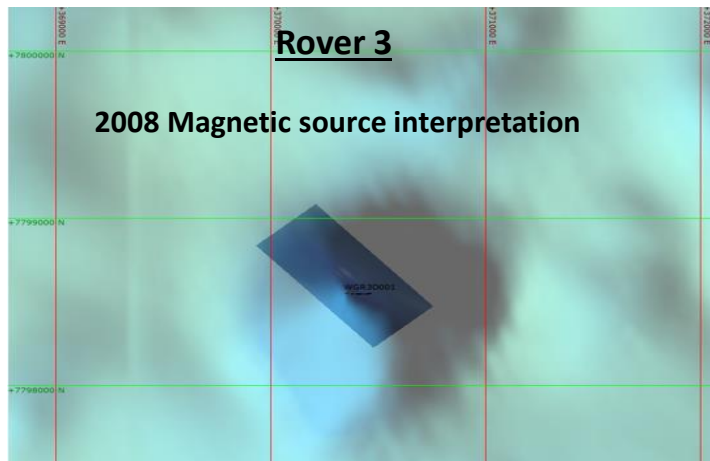
# Explorer 142 - A high grade copper resource similar to Rover 1



Explorer 142: Regional Magnetic TMI over existing drilling and identified ironstones  
 The magnetic anomaly is of a similar size and intensity as Rover 1  
 Only a fraction of the ironstone has been identified to date.  
 Ironstone is open to west and down dip. Gold rich 'root zone' to be discovered.

Rover 1: Regional Magnetic TMI over existing drilling and identified ironstones  
 Scaled to provide a direct comparison with Explorer 142  
 Rich gold zone in the 'root zone' of ironstones

# Rover 3 – Geophysics Re-interpretation Leads to Strong Target



# Experienced Board & Management



## **Peter Cook**      **Non-Executive Chairman**

Mr Cook is a geologist BSc (App Geol 1983), mineral economist (MSc Min Econ 1995 WASM) and highly experienced veteran of the Australian resource sector. He is currently the Managing Director of Westgold and has more than a decade of association with the Company and its assets. Mr Cook has substantial experience in the exploration, development, mining, construction, permitting and financing of development projects within Australia as well as the corporate management of listed public entities.

## **Mark Hepburn**      **Managing Director**

Mr Hepburn has a degree in Economics and Finance (B.Econ. & Fin 1992 UWA) and has been a member of the Australian Institute of Company Directors since 2008. He has significant experience in institutional stockbroking, corporate transactions and the management and corporate development of public companies. He brings 28 years of substantial financial markets experience in the resources sector to Castile Resources. Mr Hepburn is also a Non-Executive Director of ASX listed lithium and gold explorer Mali Lithium after an acting role as CEO where he oversaw the company's refinancing and corporate re-structuring. He was also on the board of ASX listed Indonesian gold developer Sihayo Resources until November 2018.

## **John Braham**      **Non-Executive Director**

Mr Braham is an experienced Mining Finance and Investment professional having a 24-year career with Macquarie Bank until 2017. For the last 11 years of his service he was an Executive Director and co-head of Macquarie's Global Mining and Finance Division. Mr Braham has vast experience in the provision of debt and equity to mining, exploration and development companies, worldwide. Mr Braham brings Castile a set of finance and corporate skills to greatly assist with its future financing and development needs. Since November 2018, Mr Braham has served as Managing Director of the ASX listed and South American focused Equus Mining Limited.

## **Jake Russell**      **Non-Executive Director**

Mr Russell is a geologist B.Sc. (Hons) MAIG with circa 20 years of experience in exploration, mining, resource development and management. He is currently the group Chief Geologist of Westgold Resources Limited and prior to its demerger from Metals X Limited, he was the Group Chief Geologist of Metals X Limited. Mr Russell brings Castile a second to none knowledge of the assets of Castile and a high degree of technical expertise in their exploration, resource development and exploitation.

## **Michael Poepjes**      **Mining Engineer**

Mr Poepjes is a Mining Engineer (B Eng) a Mineral Economist (MSc [Min Econ]) and holds a Master's Degree in Business Administration (MBA). Mr Poepjes has over twenty years of experience in the mining industry working in gold, copper and tin across Australia in both Corporate and Operational roles. Mr Poepjes previous role was the Chief Operating Officer for Millennium Minerals. Prior to Millennium Minerals, he was the Group Mining Engineer for Metals X (which included the Westgold and Castile assets) for seven years.

## **Mark Savage**      **Geology Manager**

Mr Savage is a geologist B.Sc. (Hons) MAUS/IMM with more than 20 years of experience in exploration, resource development and mining brings a wealth of experience to Castile having worked previously for Metals X, RNI and Apex Minerals on pre-development assets.

## Castile Resources - The ASX's Newest Gold Copper Explorer & Developer

- 1. Extensive portfolio in the highly prolific Tennant Creek gold copper province region in the Northern Territory**
- 2. Strategic focus on exploration & development at Rover 1**
  - Highly successful 2020 Drilling program – Fully funded 10,000m of drilling planned for 2021
  - High-grade gold/copper polymetallic orebodies
  - Pre-Feasibility Study at Rover 1 ongoing
  - Huge copper resources adding to gold endowment across all prospects
  - Close to power and transport infrastructure
- 3. Explorer 108, Explorer 142 and Rover 3 ready made gold and copper targets**
- 4. Significant exploration upside at prospective targets with existing resources.**
- 5. Strong Board & Management**



**CASTILE**  
RESOURCES LIMITED  
[www.castile.com.au](http://www.castile.com.au)

# Mineral Resource Statement

CASTILE RESOURCES LTD

INDEPENDENT TECHNICAL ASSESSMENT REPORT – ROVER AND WARUMPI PROJECTS



Table 3: Rover Project consolidated Mineral Resources (Rover 1, Explorer 108 and Explorer 142 deposits)

Project	Gold			Silver			Copper			Bismuth			Cobalt			Lead			Zinc				
	kt	Grade (g/t)	koz Au	kt	Grade (g/t)	koz Ag	kt	Grade	kt Co	kt	Grade	kt Bi	kt	Grade	kt Co	kt	Grade	kt Pb	kt	Grade	kt Zn		
<b>Indicated</b>																							
Explorer 108				8,438	14.32	3,886	5,689	0.36%	20.3							8,438	2.05%	172.8	8,438	3.41%	288.1		
Explorer 142																							
Rover 1	3,618	1.49	173	3,618	2.13	248	3,618	1.06%	38.3	3,618	0.17%	6.2	3,618	0.05%	1.8								
<b>Subtotal</b>	<b>3,618</b>	<b>1.49</b>	<b>173</b>	<b>12,056</b>	<b>10.66</b>	<b>4,134</b>	<b>9,307</b>	<b>0.63%</b>	<b>58.7</b>	<b>3,618</b>	<b>0.17%</b>	<b>6.2</b>	<b>3,618</b>	<b>0.05%</b>	<b>1.8</b>	<b>8,438</b>	<b>2.05%</b>	<b>172.8</b>	<b>8,438</b>	<b>3.41%</b>	<b>288.1</b>		
<b>Inferred</b>																							
Explorer 108				3,430	3.32	366										3,430	1.88%	64.3	3,430	2.81%	96.5		
Explorer 142	176	0.21	1				176	5.21%	9.2														
Rover 1	3,282	2.02	213	3,282	2.00	211	3,282	1.36%	44.6	3,282	0.10%	3.3	3,282	0.07%	2.3								
<b>Subtotal</b>	<b>4,458</b>	<b>1.93</b>	<b>214</b>	<b>6,712</b>	<b>2.67</b>	<b>577</b>	<b>3,458</b>	<b>1.56%</b>	<b>53.8</b>	<b>3,282</b>	<b>0.10%</b>	<b>3.3</b>	<b>3,282</b>	<b>0.07%</b>	<b>2.3</b>	<b>3,430</b>	<b>1.88%</b>	<b>64.3</b>	<b>3,430</b>	<b>2.81%</b>	<b>96.5</b>		
<b>Total</b>																							
Explorer 108				11,868	3.32	4,252	5,689	0.36%	20.3							11,868	2.00%	237.2	11,868	3.24%	384.6		
Explorer 142	176	0.21	1				176	5.21%	9.2														
Rover 1	6,900	1.74	386	6,900	2.07	459	6,900	1.20%	83.0	6,900	0.14%	9.4	6,900	0.06%	4.1								
<b>GRAND TOTAL</b>	<b>7,076</b>	<b>1.70</b>	<b>388</b>	<b>18,768</b>	<b>7.81</b>	<b>4,710</b>	<b>12,765</b>	<b>0.88%</b>	<b>112.5</b>	<b>6,900</b>	<b>0.14%</b>	<b>9.4</b>	<b>6,900</b>	<b>0.06%</b>	<b>4.1</b>	<b>11,868</b>	<b>2.00%</b>	<b>237.2</b>	<b>11,868</b>	<b>3.24%</b>	<b>384.6</b>		