



ASX: CHN | OTCQB: CGMLF

Advancing the world class Julimar PGE-Ni-Cu-Co-Au discovery

Precious Metals Summit 2021

8-11 September 2021





Forward looking statements and competent person(s) disclosure

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Competent Person and Qualifying Persons Statement

The Information in this presentation and the interactive 3D model that relates to exploration results for the Julimar Project is extracted from the following ASX announcements:

- "High-grade nickel-copper-palladium sulphide intersected at Julimar Project in WA", 23 March 2020
- "Preliminary results from second target at Julimar Project", 24 March 2020
- "Significant nickel-palladium discovery confirmed at Julimar", 15 April 2020
- "Second diamond hole intersects discovery zone at Julimar", 20 April 2020
- "Exciting visual results from deep diamond drill hole at Julimar", 5 May 2020
- "Large-scale PGE system further expanded at Julimar", 11 May 2020
- "High-grade Ni-Cu-PGEs confirmed in discovery zone at Julimar", 25 May 2020
- "Extension of wide, high-grade PGE-Ni-Cu matrix zone at Julimar", 15 June 2020
- "Chalice discovers new high-grade PGE-Cu-Au zone at Julimar", 9 July 2020
- "Significant extension of high-grade PGE-Ni-Cu-Co zones at Julimar", 17 August 2020
- "Positive preliminary metallurgical results at Julimar", 1 September 2020
- "Major new 6.5km-long EM anomaly identified at Julimar", 22 September 2020
- "Significant new PGE-copper-gold horizon defined at Julimar", 6 October 2020
- "Key Private Properties Secured at Julimar", 16 November 2020
- "Significant high-grade PGE-Cu-Au extensions at Julimar", 18 November 2020
- "Chalice secures access to major new targets at Julimar", 4 January 2021
- "Four new high-grade zones defined as Julimar continues to grow", 27 January 2021
- "More positive results from ongoing metallurgical testwork at Julimar", 16 February 2021
- "New EM Conductors and Nickel-Copper Soil Anomalies at Hartog", 25 March 2021
- "Resource drilling at Julimar delivers further growth in high-grade zones", 22 April 2021
- "Extensive Ni-Cu Soil Anomalism at Julimar" 9 June 2021
- "Resource drilling continues to define continuous high-grade zones at Julimar", 2 July 2021
- "Twelfth High-Grade Zone Defined at Julimar", 2 August 2021

The Information in this presentation that relates to exploration results for the Pyramid Hill Project is extracted from the following ASX announcements:

- "First Diamond Drill Hole at Karri Hits Primary Gold Zone" 7 April 2020
- "Large gold system confirmed at Karri, Pyramid Hill", 29 July 2020
- "Chalice announces intention to demerge gold assets", 12 July 2021

The Information in this presentation that relates to exploration results for the Hawkstone Project (formerly the King Leopold Project) is extracted from the following ASX announcements:

- "Chalice acquires highly prospective nickel sulphide project in west Kimberley region of WA", 18 June 2019
- "Strong EM Conductors Identified at King Leopold Project", 20 August 2019

The above announcements are available to view on the Company's website at chalicemining.com. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant original market announcements.

The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.

This announcement is authorised for release by the Disclosure Committee.



A unique exploration specialist **with a globally significant discovery**



Julimar – a new high-grade PGE-Ni-Cu-Co-Au discovery in WA

- Australia's first major palladium discovery
- Emerging as a **world-class, strategic** deposit of **critical, 'green metals'** in a world-class jurisdiction
- Highly leveraged to **battery** (Ni-Cu-Co) and **hydrogen** (PGEs-Ni) technology adoption



Intention to demerge a highly prospective portfolio of Australian gold projects¹

- **>5,000km²** Pyramid Hill Gold Project in **Bendigo Zone** of Victoria – several new high-grade gold zones undercover
- Demerger and IPO planned in **Q4 2021**



Well funded, high performance team with an excellent track record

- Proven ability to discover and define **mines**
- **~A\$116M²** in cash + investments
- **>4,000% TSR** since Julimar discovery in March 2020

¹ Subject to shareholder and regulatory approvals ² As at 30 June 2021

Julimar is a 'green metals' discovery

These metals are needed to **decarbonise the global economy and address climate change**

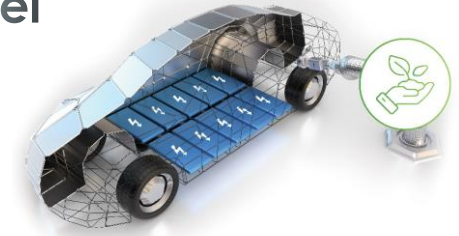
Palladium



Highly versatile but rare metal used to remove nitrogen oxides (NOx) from exhausts / hydrogen / ammonia streams. NOx are **300x more potent than CO₂ as a greenhouse gas**

~11Moz p.a. palladium market in deficit for nine consecutive years; supply dominated by Russia

Nickel



The key battery cathode material in EVs, **high nickel NMC 811 batteries are the favoured chemistry**

EV-driven nickel demand is forecast to increase **19x by 2040**; lack of new sulphide discoveries worldwide in recent years has created a significant forecast supply shortage

Copper



Used extensively in the green energy industry including in **renewables, energy storage and EVs**

Copper demand is forecast to outstrip supply by mid-2021; lack of new large-scale discoveries worldwide

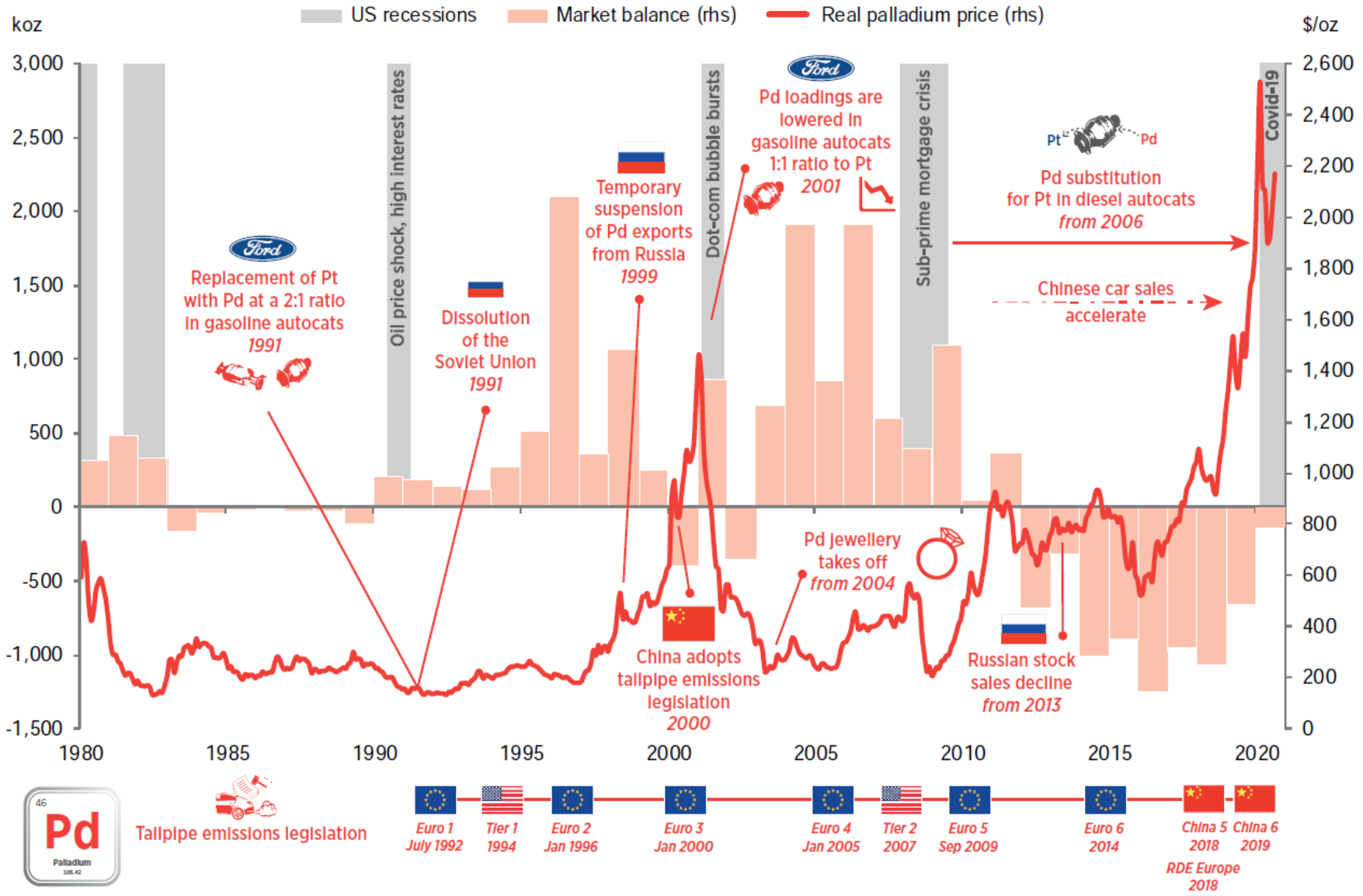
Platinum



Highly effective catalyst (similar to Pd) in **hydrogen applications, including green hydrogen production and fuel cells**

Ongoing deficit and supply challenges; supply dominated by South Africa

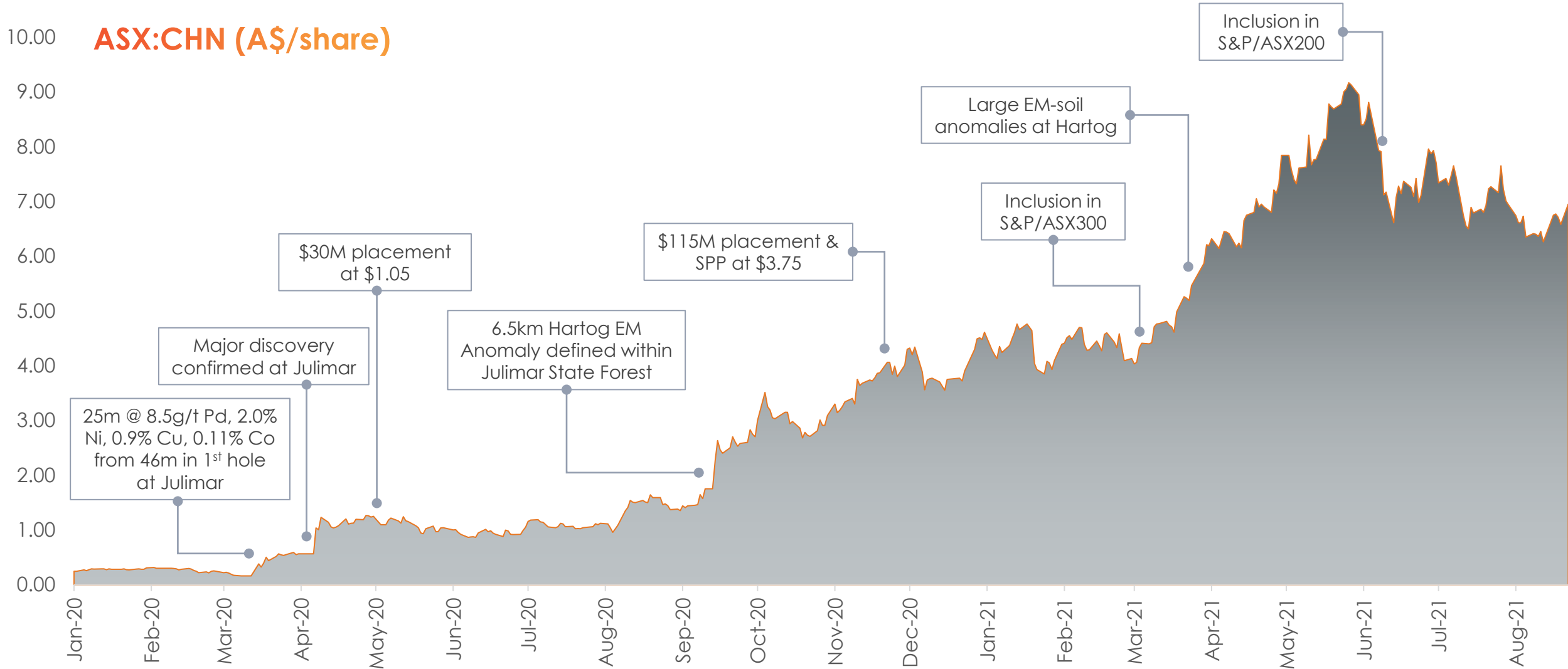
The palladium price has surged with the introduction of China 5/6 emissions standards and the switch from Pt to Pd based catalytic converters



- **Palladium is a very versatile but rare metal**
- Demand currently dominated by ICE catalytic converters
- Tightening emissions standards (particularly on NO_x emissions) has led to Pd based catalysts being preferred since 2006
- Tighter emissions standards have already been flagged by Europe
- Hybrid BEV catalytic converters require **higher metal loadings** than ICEs
- Palladium has **widespread applications in a green hydrogen economy**, including:
 - Green hydrogen production using proton-exchange membrane electrolyzers
 - Hydrogen or ammonia purification (scrubbing of NO_x)
 - Storage and detection
 - Fuel cells
- Hence palladium (along with the other PGEs) is becoming a strong focus in **green hydrogen adoption**

Source: SFA (Oxford), Bloomberg

Chalice has been one of the **standout performers** in the sector, with a **>4,000%** TSR since the Julimar discovery

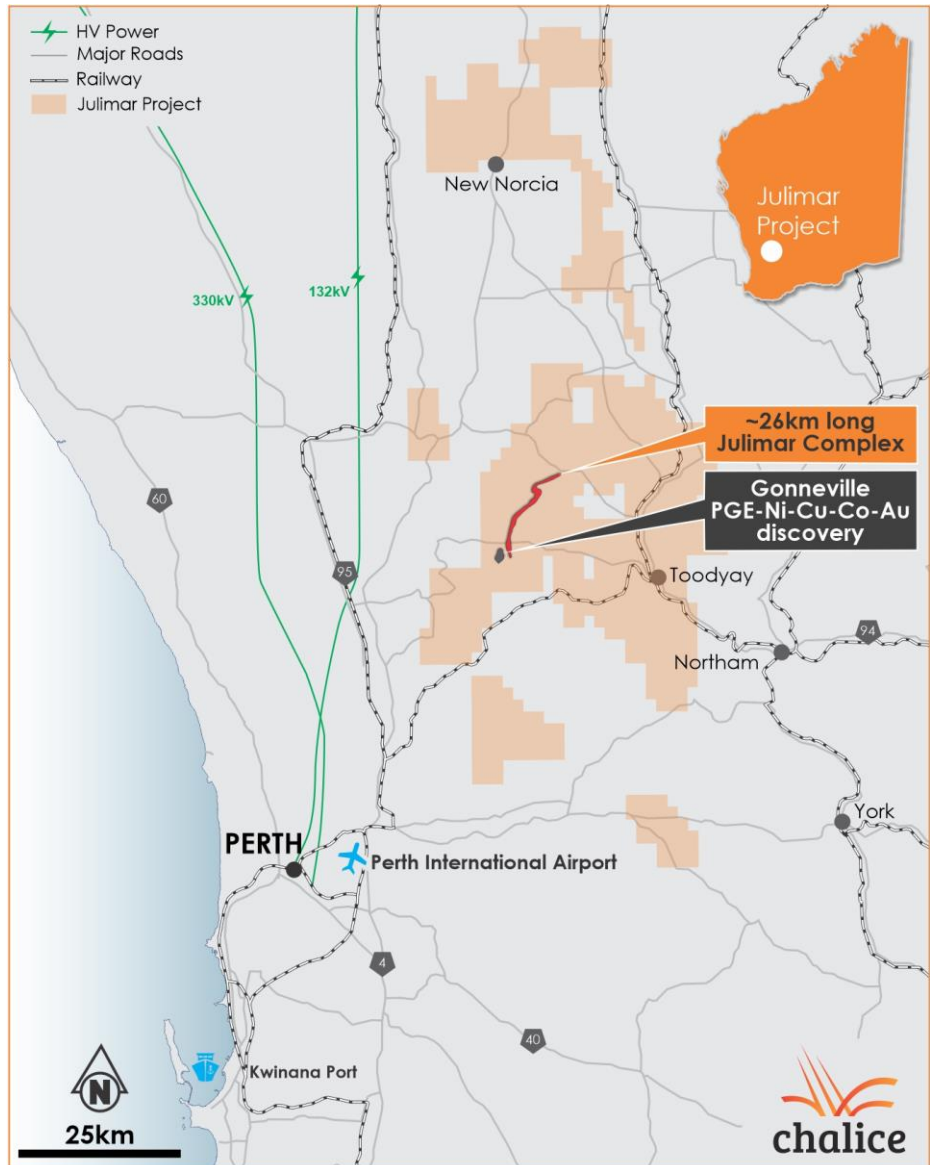




Julimar Nickel – Copper-PGE Project

Western Australia

High-grade PGE-Ni-Cu-Co was intersected in the very first drill hole at Julimar – a **remarkable new discovery** in a new mineral province



- Greenfield project staked in early 2018 (**100% owned**)
 - First drill hole in March 2020 intersected **25m @ 8.5g/t Pd, 0.9g/t Pt, 0.1g/t Au, 2.0% Ni, 0.9% Cu, 0.11% Co from 46m**
 - Discovery made ~70km NE of Perth – named Gonneville
 - Gonneville is at the southern end of a **>26km** long, unexplored layered mafic-ultramafic complex (the Julimar Complex)
 - Gonneville discovery made on private farmland; remaining **~24km of strike** along the Julimar Complex yet to be drilled (access pending)
 - **>8,000km²** of new licence applications since the discovery in the **new West Yilgarn Ni-Cu-PGE Province** → leveraging our competitive advantage to make additional discoveries
 - Favourable location with direct access to **major highway, rail, power, port infrastructure** as well as **large local workforce**
-
- Gonneville discovery being advanced rapidly in parallel to initial regional exploration (**area almost totally unexplored for Ni-Cu-PGEs**)

The Julimar Project has the potential to deliver **significant jobs, skills and economic diversification** to the Wheatbelt region of WA



Environment

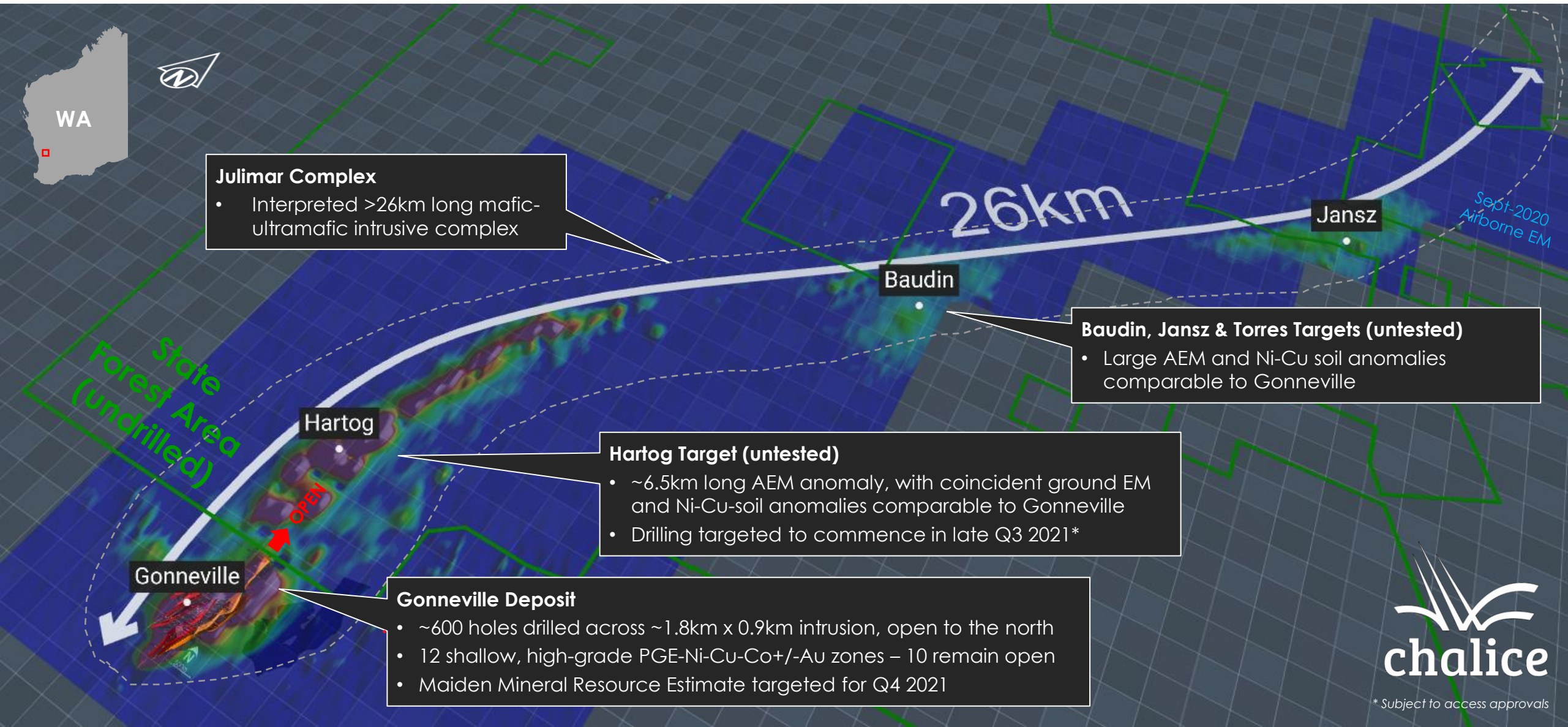


Community



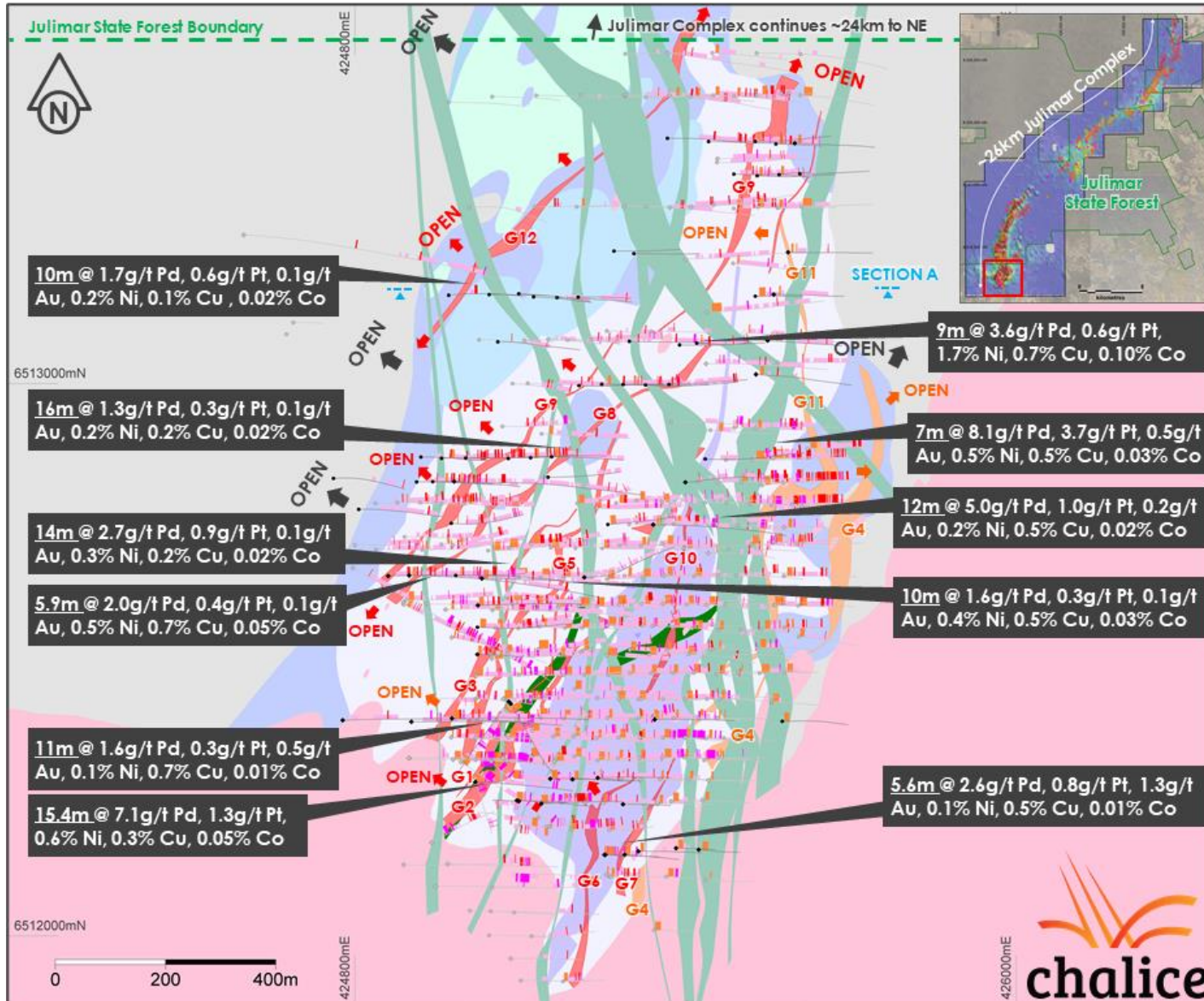
- Numerous case studies of **successful mining projects in or around State Forest areas in WA** (Boddington, Alcoa WA, Worsley, Greenbushes)
- Chalice has taken a **proactive approach to environmental practices**
 - Baseline flora, fauna, heritage and dieback surveys undertaken on private farmland
 - Flora, fauna surveys undertaken in parts of the Julimar State Forest, with heritage and dieback surveys planned
- Planning **low-impact drilling techniques** within the Julimar State Forest (small footprint diamond rigs) which **do not require any vegetation clearance**
- Proximity to major communities provides a unique opportunity to build a **workforce of local permanent residents (drive in, drive out)**
- **Growing employment opportunities** – operations already having positive economic impact on local and surrounding economies
- Community Fact Sheets and Newsletters developed to deliver information on environment, community consultation, exploration licences and exploration activities
- **Active, open and transparent engagement** continues with key stakeholders
- Growing **community funding** to achieve long term positive impacts

The exceptional Gonneville PGE-nickel-copper-cobalt-gold discovery is just the first along a **>26km long intrusive complex**



* Subject to access approvals

Gonneville is emerging as a **world class, strategic deposit of critical metals**, with a range of PGE-Ni-Cu-Co-Au mineralisation styles



Drill holes

- RC – new
- DDH – new
- RC – prev
- DDH – prev

Mineralisation

- >0.3g/t Pd
- >1.0g/t Pd
- >1.0g/t Pd and >0.5% Ni+Cu
- Oxide >0.5g/t Pd
- New key intersection

Geology (chronological order)

- Sediments
- G. Domain 1 Serpentinite (Harzburgite)
- G. Domain 2 Serpentinite (Harzburgite)
- G. Domain 3 (Pyroxenite)
- G. Domain 4 (Low-Ni Pyroxenite)
- G. Domain 5 (Anorthosite – Gabbronorite)
- Gonneville Gabbro
- Granite
- Dolerite

- >1.8km x 0.9km x >0.8km intrusion, **open to the north and at depth**, hosting:

- **12 shallow high-grade PGE-Ni-Cu-Co+/-Au zones** (G1-G12, using >1g/t Pd cut-off) – **10 remain open**
- **>300** high-grade (>1g/t Pd) intersections outside the 12 high-grade zones
- Widespread **PGE mineralisation associated with disseminated sulphides** (0.5-2.0g/t PGEs+Au) surrounding the high-grade zones
- Widespread **Pd-rich oxide zones** (0.8-1.5g/t Pd) from **surface to a depth of ~25m**
- ~600 holes for ~150,000m completed to date

Julimar Nickel-Copper-PGE Project

Gonneville Intrusion Plan View –key new drill results over geology at 160m RL
2 August 2021

- ~160,000m step-out and resource definition drill program ongoing
- **Maiden MRE targeted for Q4 2021**

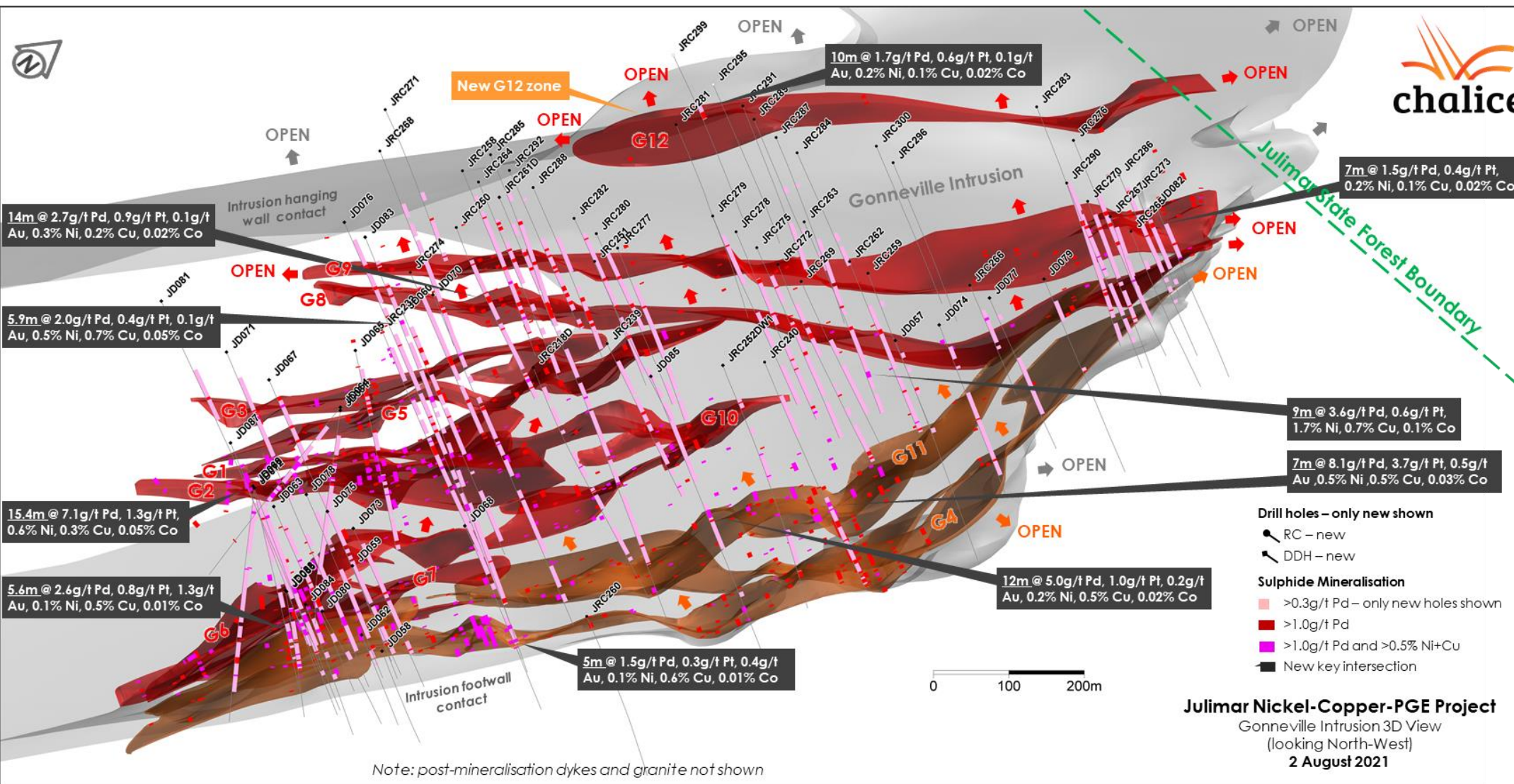
The 12 high-grade zones have **significant strike length** and extend from ~25m to ~500m below surface thus far



3D view looking north-west over the Gonneville Intrusion (grey)

Max zone dimensions

Zone	Strike extent	Dip extent
G1	450m	280m
G2	800m	500m
G3	465m	280m
G4	1250m	650m
G5	650m	200m
G6	875m	400m
G7	275m	350m
G8	1,000m	250m
G9	1,000m	200m
G10	350m	300m
G11	900m	250m
G12	650m	450m



- G1-G3 and G6-G7 (red) are Pd-Ni-Cu-Co rich and associated with Domain 1
- G5, G8-10, G12 (red) are Pd dominant
- G4 and G11 (orange) are Pd-Cu +/- Au rich and proximal to the footwall contact of the intrusion

Note: post-mineralisation dykes and granite not shown

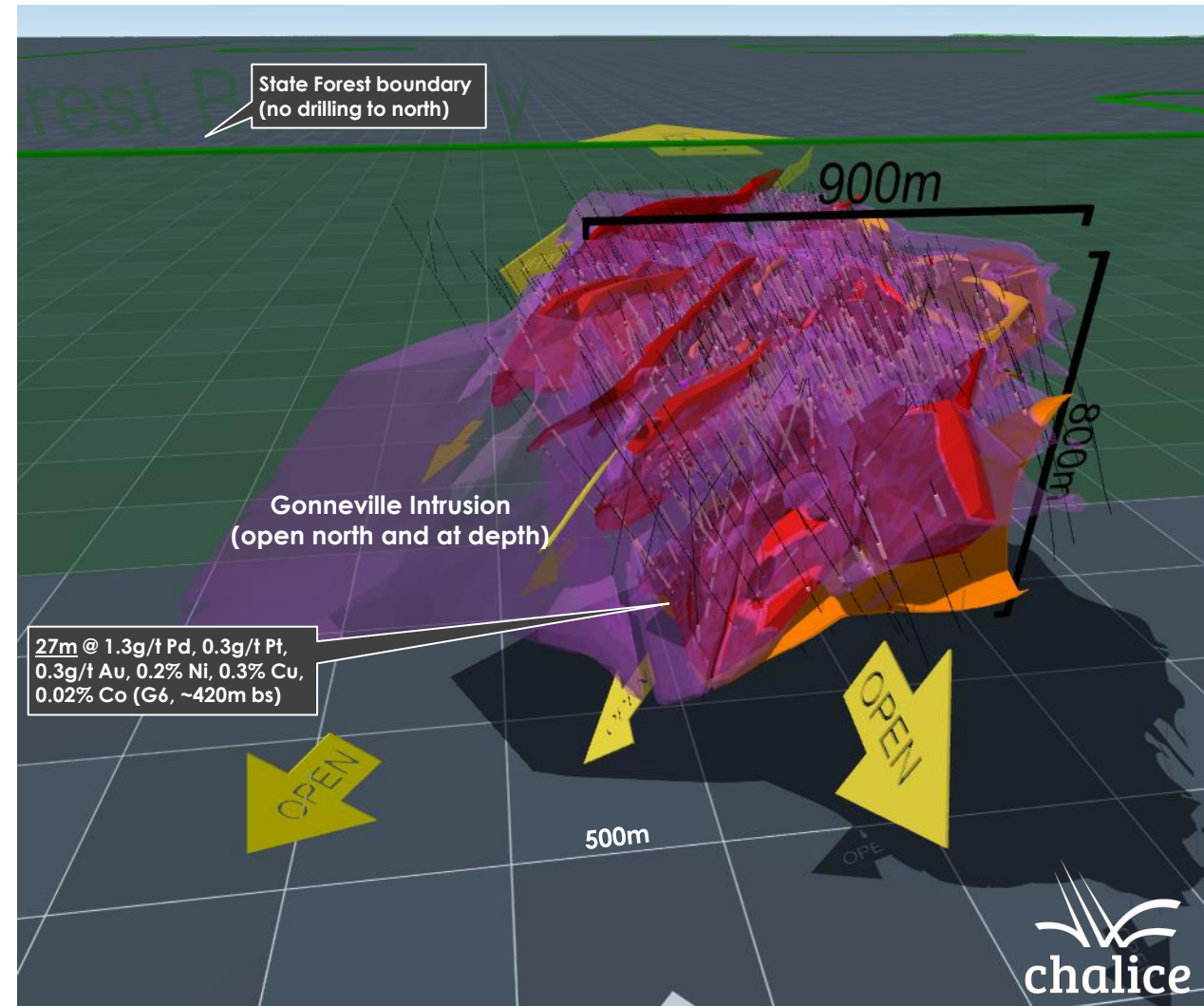
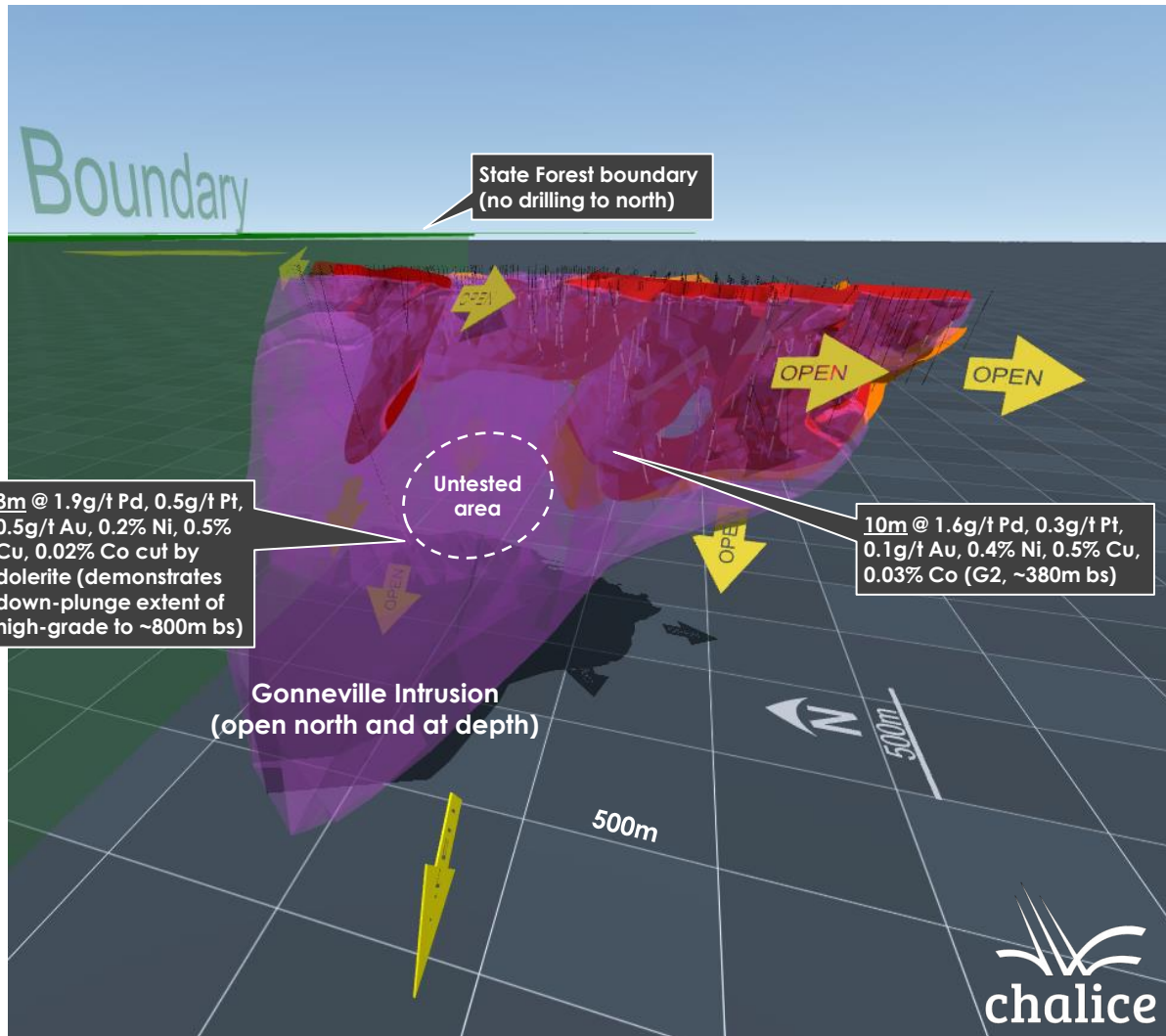
Julimar Nickel-Copper-PGE Project
 Gonneville Intrusion 3D View
 (looking North-West)
 2 August 2021

The >1.8km x 0.9km x >0.8km Gonneville Intrusion and **10 of the high-grade zones within it remain open**

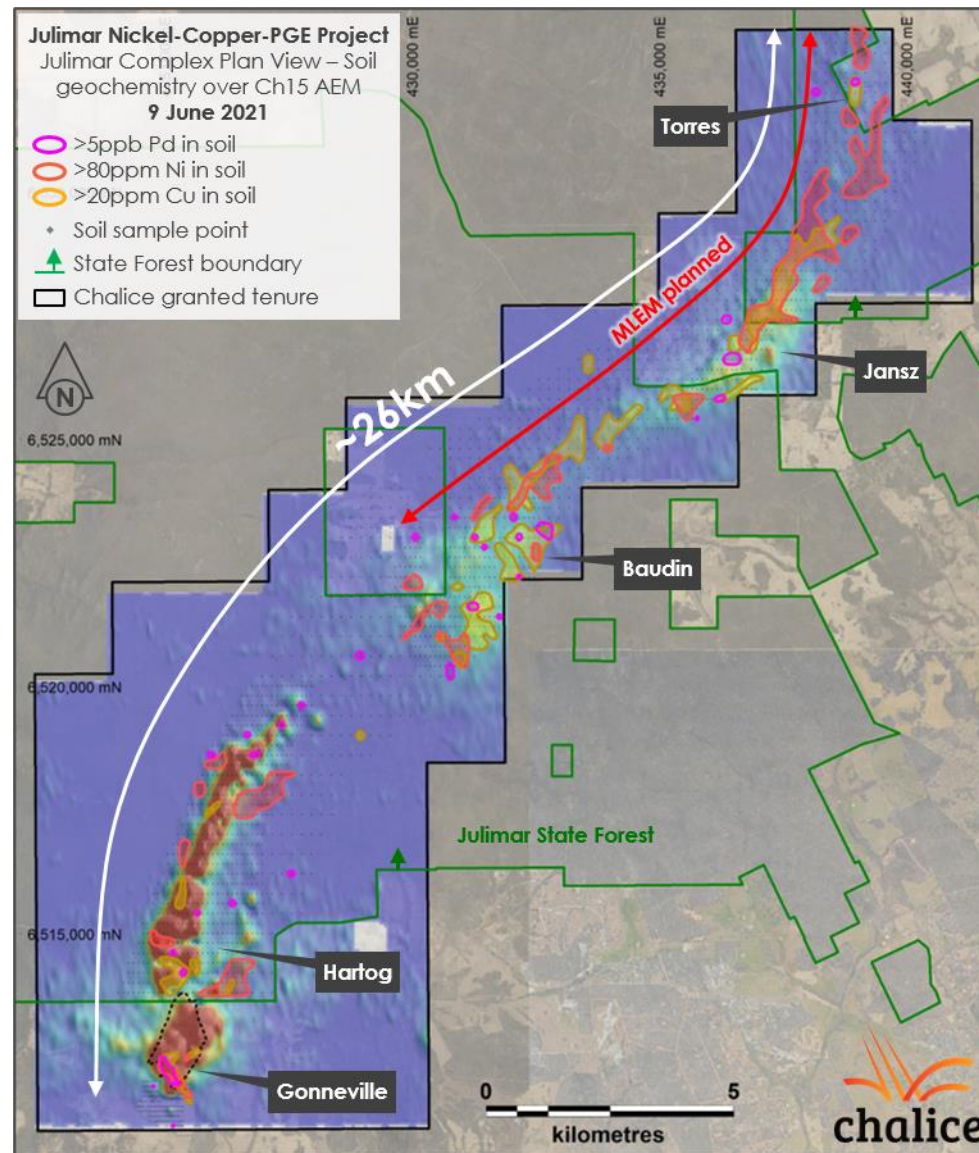
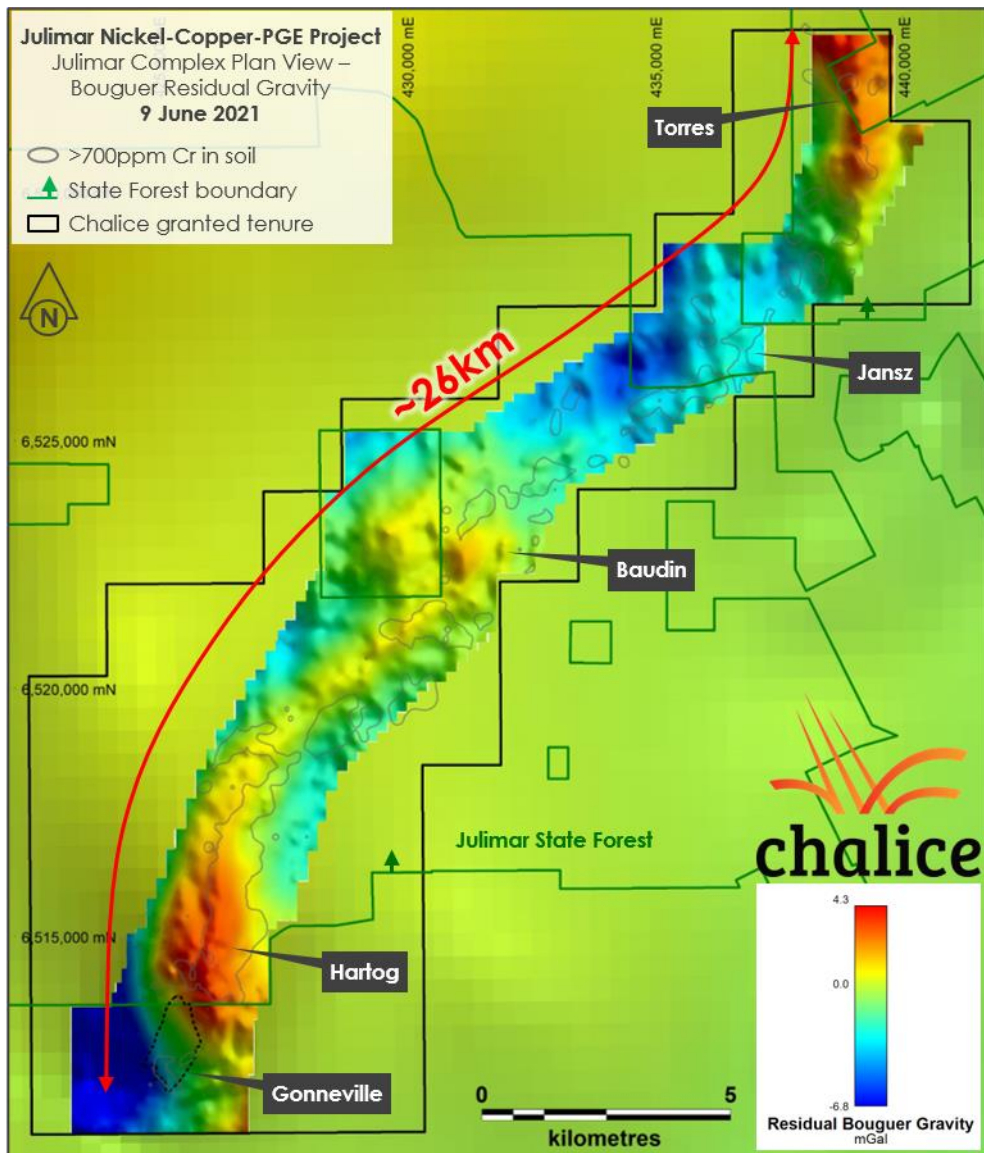


3D view looking ENE over Gonneville (purple)

3D view looking NNE over Gonneville (purple)



Immediately north of Gonneville, the Hartog Target is the highest priority within the **>26km long Julimar Complex** – drilling targeted in late Q3 2021



Hartog

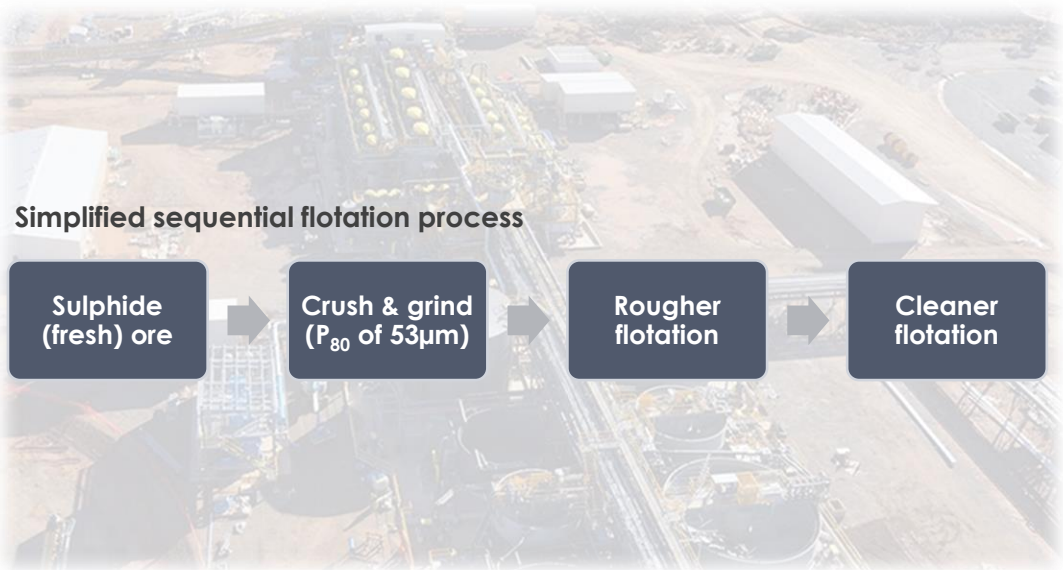
- ~6.5km long gravity-AEM anomaly
- ~30 ground EM conductors and multi-kilometre scale Ni-Cu soil anomalies, comparable to Gonneville pre-discovery
- Coherent Cr soil anomaly – interpreted as mafic-ultramafic geology

Baudin-Jansz-Torres

- Multiple gravity-AEM anomalies
- Multi-kilometre scale Ni-Cu soil anomalies
- MLEM in progress

Note: Drilling targeted in Q3 2021, subject to access approvals

Preliminary met testwork shows **high Pd-Ni-Cu recoveries** into two commercially attractive concentrates using conventional flotation



Locked-cycle testwork results on G1-G2 composite (head grade 3.7g/t Pd, 0.7g/t Pt, 0.15g/t Au, 0.63% Ni, 0.36% Cu, 0.04% Co), cycle no. 5

Copper-PGE-Au concentrate							
Cu grade (%)	Cu recovery (%)	Pd grade (g/t)	Pd recovery (%)	Pt grade (g/t)	Pt recovery (%)	Au grade (g/t)	Au recovery (%)
24.7	80.9	173	60.2	22.1	37.6	1.98	90.8

Nickel-PGE concentrate							
Ni grade (%)	Ni recovery (%)	Pd grade (g/t)	Pd recovery (%)	Pt grade (g/t)	Pt recovery (%)	Co grade (%)	Co recovery (%)
12.2	70.7	24.1	26.1	6.9	36.3	1.0	73.0

TOTAL PGE Recovery Pd: 86.3% Pt: 73.9%

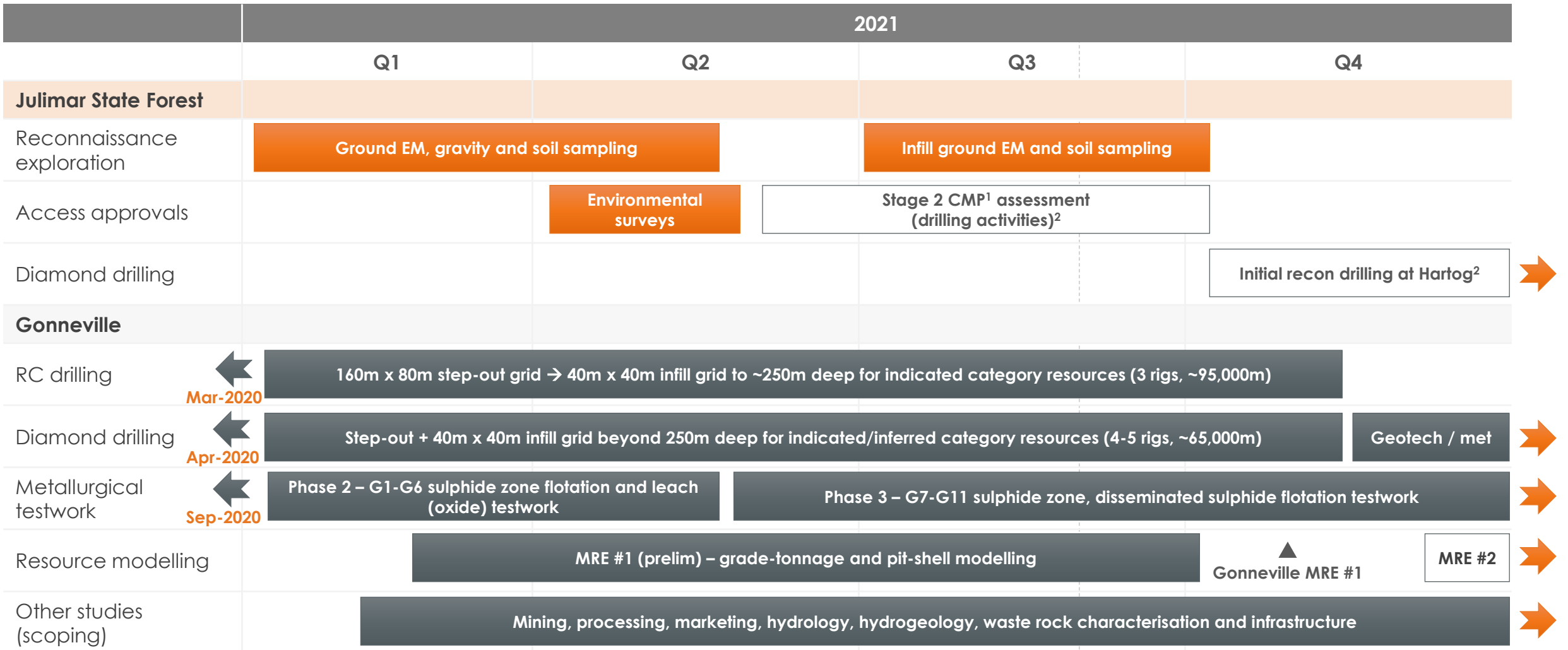
Approach

Sulphide

Oxide

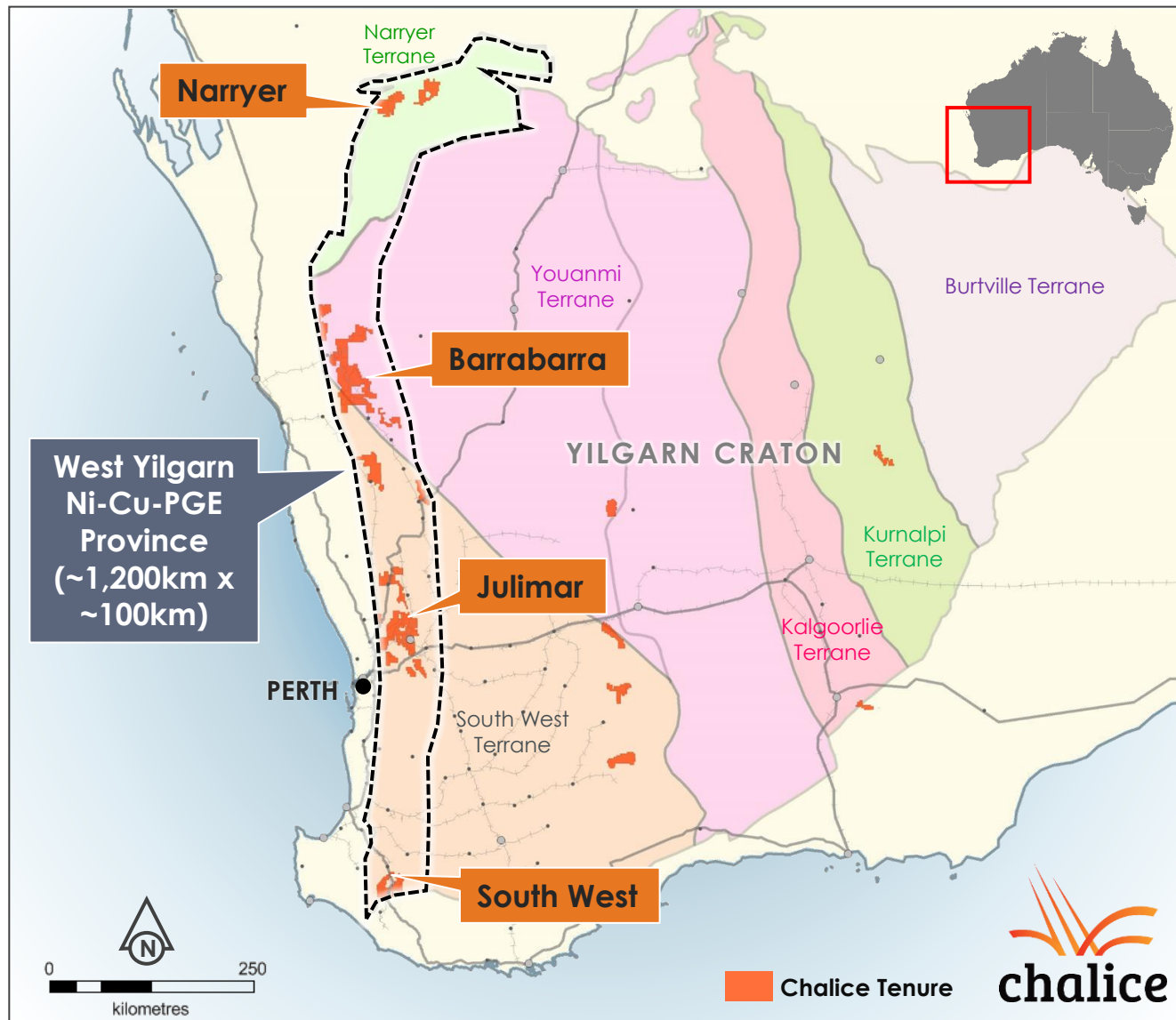
- Phase 2 metallurgical testwork program commenced in Q4 2020 – investigating flotation of sulphide mineralisation and leaching of oxide mineralisation, as well as detailed mineralogical analysis to determine PGE department
- \$2.9M** CRC grant from Commonwealth Govt. to evaluate downstream processing options in 2021-2023
- Two **commercially attractive, high-grade Cu-PGE-Au and Ni-PGE concentrates** produced
- Tests to date indicate **good concentrate grades and metal recoveries** are likely using a conventional sequential flotation flowsheet – optimisation work now underway
- Low levels of potentially deleterious elements** (As, Cd, Se, Te, Hg, Pb, F, Cl) in concentrates produced to date
- Leach tests indicate **76% Pd and 95% Au** extraction into solution
- Further work underway to determine effect on PGE recovery over a range of grind sizes and temperatures, as well as the optimal techniques to recover metals from solution

Accelerated resource drilling and preliminary studies underway – aiming to define a **maiden Mineral Resource in early Q4 2021**



¹ Conservation Management Plan – a plan outlining Chalice's proposed exploration approach within the Julimar State Forest. ² Access to the Julimar State Forest for drilling activities has not yet been granted. The Company continues to engage with relevant government entities to progress its CMP approval and the above timeline is an estimate only

The Julimar discovery has kick-started the new West Yilgarn Ni-Cu-PGE Province, which could deliver **more major discoveries**



- Many of the 'giant' Ni-Cu-PGE sulphide deposits such as Norilsk, Jinchuan, Thompson and Voisey's Bay are located proximal to the margin of Archean age cratons
- The western margin of the Yilgarn craton (Archean) is almost **entirely unexplored** for these mineral systems
- We made the first discovery (Julimar), so were able to stake a **>8,000km² licence area** along this western margin
- **Hundreds** of potential intrusions already identified within our licence area
- Large-scale soil anomaly already identified at Barrabarra (~**300km north of Julimar**) – AC drilling planned
- An exciting new province with the potential for **several major discoveries** in the years ahead



Investment Highlights



Our PGE-Ni-Cu-Co-Au discovery at **Julimar** is emerging as a world class, strategic deposit of critical, 'green metals' in Western Australia



Significant exploration upside from the untested ~24km of Julimar Complex and our dominant position within the new West Yilgarn Ni-Cu-PGE Province



A major discovery and new mineral province being advanced rapidly, ~A\$116M¹ in cash and investments and a team with an **excellent track record**

¹ As at 30 June 2021



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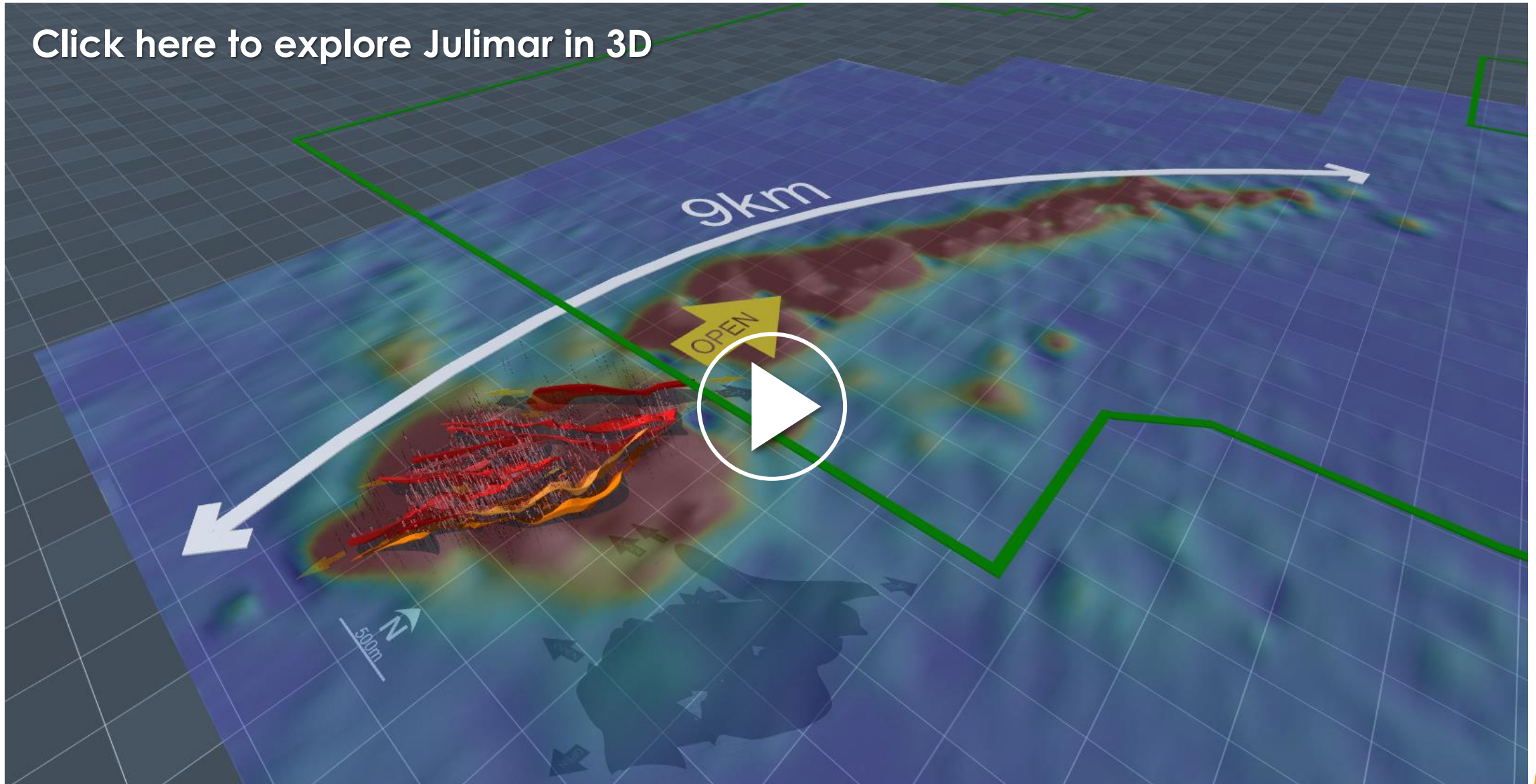


info@chalicemining.com

Interactive 3D Model: Take a 3D tour of our globally significant PGE-Ni-Cu-Co-Au discovery at the Julimar Project, Western Australia



Click here to explore Julimar in 3D





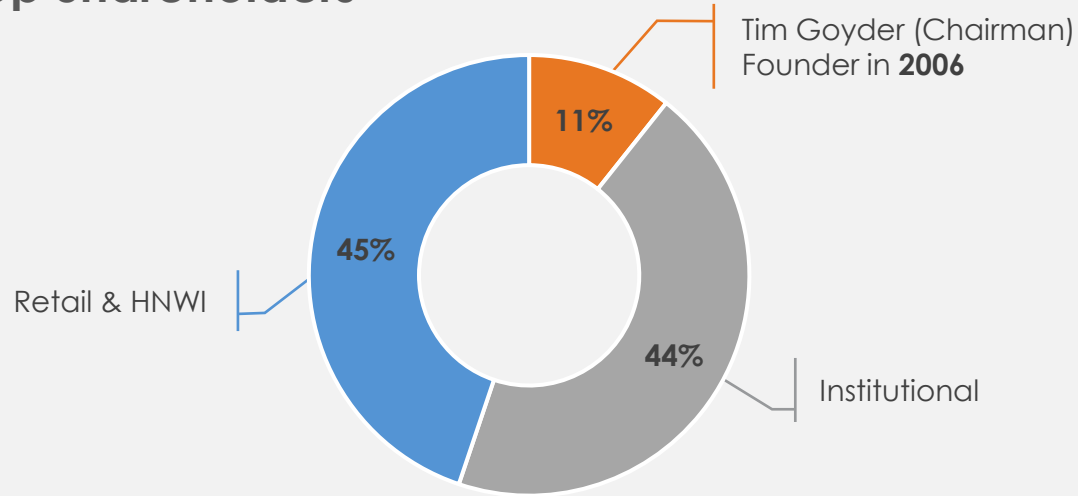
The Chalice Story

Appendix



Corporate Snapshot

Top Shareholders¹



Board of Directors

Tim Goyder (*Chairman*)
 Alex Dorsch (*Managing Director*)
 Morgan Ball (*Lead Independent NED*)
 Stephen Quin (*Non-Exec Director*)
 Garret Dixon (*Non-Exec Director*)
 Stephen McIntosh (*Non-Exec Director*)
 Linda Kenyon (*Non-Exec Director*)

Key Management

Richard Hacker (*CFO*)
 Kevin Frost (*GM Exploration*)
 Bruce Kendall (*GM Development*)
 Michael Elias (*Study Mgr – Julimar*)
 Soo Carney (*GM Env and Comm*)
 Chris MacKinnon (*BD and Legal Mgr*)
 Jamie Armes (*Co Sec*)

¹ As of 30 July 2021 (estimate based on top 20 extract of the share register)

Capital Structure and Financials

Equity listings ASX: CHN OTCQB: CGMLF	Shares out. 352.9M Shares (F/D) 361M	Market capitalisation ~A\$2.5Bn (@ A\$7.00ps)
Debt nil	Cash² ~A\$100M	Cash & Investments² ~A\$116M

Key Investments	Position	Current Value
Caspin Resources (ASX: CPN)	6.9M (9.3%)	~A\$5.5M

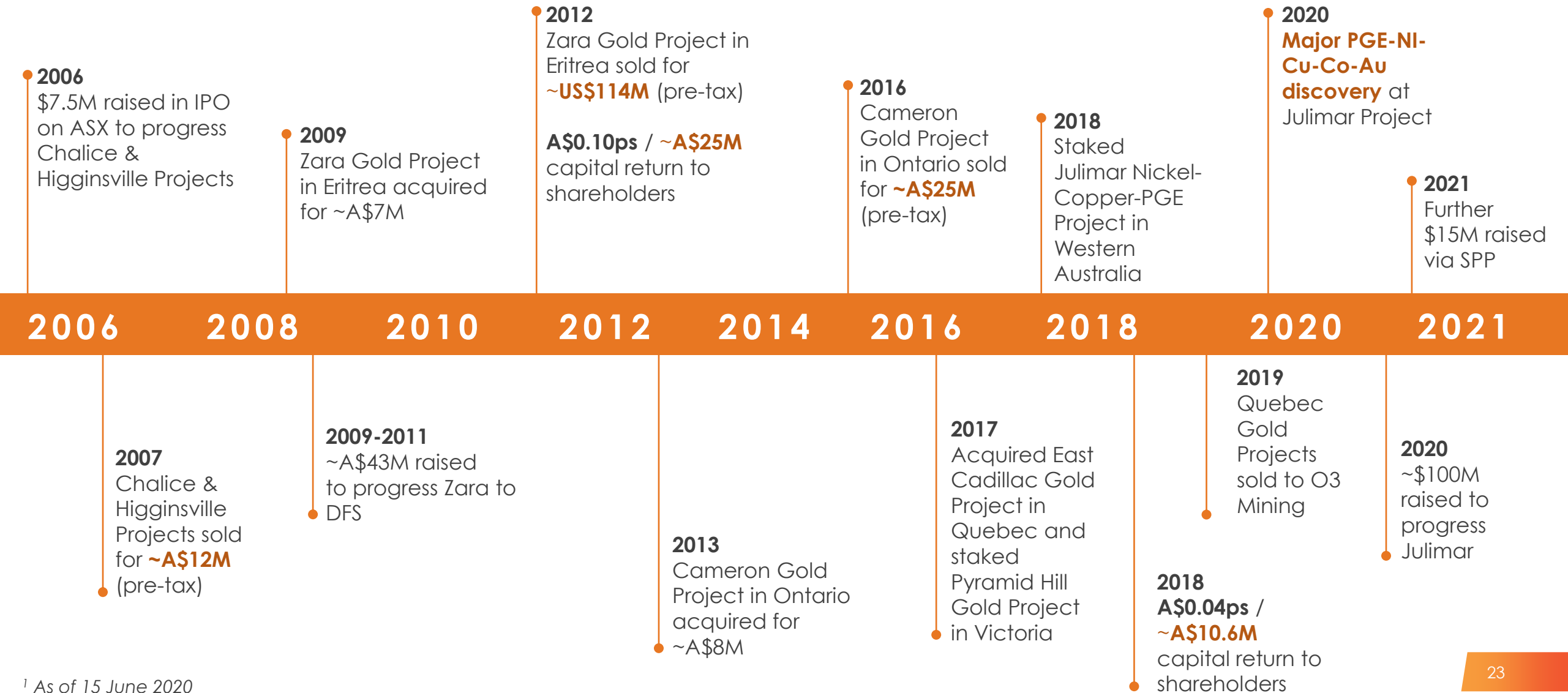
Research Analyst Coverage

Argonaut Securities	Royce Haese
Bell Potter	David Coates
Euroz Hartleys	Michael Scantlebury
Macquarie Bank	Hayden Bairstow
Red Cloud Securities	Timothy Lee

² As of 30 June 2021



Since our 2006 IPO, we have acquired quality assets, advanced projects quickly and generated **>A\$110M in after-tax proceeds¹** from asset sales



¹ As of 15 June 2020

Chalice's portfolio includes the exciting **Julimar discovery** in the new West Yilgarn Ni-Cu-PGE Province in WA + a pipeline of generative opportunities



Julimar Nickel-Copper-PGE Project, WA

1

- **New** greenfield PGE-Ni-Cu-Co sulphide **discovery** in Mar-2020
- **25m @ 8.5g/t Pd, 2.0% Ni, 0.9% Cu, 0.11% Co** in 1st hole
- 100% owned, **~26km long intrusive complex** ~70km NE of Perth
- Targeting maiden Mineral Resource in Q4 2021

Pyramid Hill Gold Project, Vic

2

- **New >4km gold trend** + 3 gold bearing diorite intrusions
- **>5,000km²** holding NW and NE of **Fosterville Gold Mine**
- 100% owned, all under cover in unexplored terrane
- Intention to demerge w/ other gold projects in Q4 2021

Hawkstone Nickel-Copper-Cobalt Project, WA

3

- **New** greenfield nickel sulphide opportunity in frontier province
- **~1,600km²** holding east of Merlin Ni-Cu-Co prospect (IGO/BUX)
- 85-100% owned, several large untested dolerite intrusions

+ *Several generative exploration opportunities, investments, royalties and non-operated joint ventures*

Board of Directors



Tim Goyder, Chairman

- 40+ year industry veteran with track record of success as an investor, entrepreneur and company director
- Founder and **largest shareholder** of Chalice (~11%)



Alex Dorsch, Managing Director and Chief Executive Officer

- Diverse experience in consulting, engineering and corporate advisory in the energy and resources sectors
- Previously a Specialist with McKinsey & Company



Morgan Ball, Lead Independent Non-Exec Director

- Chartered Accountant with 25+ years experience in the resources, logistics and finance industries
- CFO of Northern Star Resources



Stephen Quin, Non-Exec Director

- Mining geologist with 35+ years mining and exploration experience in Canada and across the globe
- Formerly President and CEO of Midas Gold Corp



Garret Dixon, Non-Exec Director

- 30+ years experience in resources and mining contracting sectors
- Formerly Executive VP Alcoa & President Bauxite



Stephen McIntosh, Non-Exec Director

- Highly regarded mining executive with 30+ years experience in exploration, major project studies and execution
- Formerly Group Executive and Head of Exploration at Rio Tinto



Linda Kenyon, Non-Exec Director

- Corporate lawyer and senior executive with a career spanning 30+ years
- Formerly Company Secretary and member of Executive Leadership Team at Wesfarmers

Key Management



Richard Hacker, CFO

- Chartered Accountant with 20+ years experience in junior company financing, corporate and commercial management
- Company CFO since 2006



Dr Kevin Frost, GM Exploration

- Co-recipient of AMEC's Prospector of the Year Award in 2009 for the discovery of the Spotted Quoll nickel sulphide deposit in WA (Western Areas)



Bruce Kendall, GM Development

- Co-recipient of AMEC's Prospector of the Year Award in 2012 for the discovery of the world-class Tropicana gold deposit in WA (AngloGold Ashanti)



Michael Elias, Study Manager – Julimar

- Study Director with 30+ years experience in mining sector
- Specialist in study management, project development and management consulting



Dr Soolim Carney, GM Environment and Community

- Environment, health and safety, indigenous affairs, govt relations and community specialist with 20+ years experience
- Former Regional Environment Manager for Alcoa Australia



Chris MacKinnon, Business Development and Legal Manager

- 15 years experience as a corporate lawyer and finance advisor in the resources industry



Jamie Armes, Company Secretary

- Chartered Accountant with 20+ years experience within the accounting profession and administration of public listed companies in the mining and exploration industry

We are on track to define a maiden resource at Julimar, continue to build trust with our key stakeholders and leverage our discovery



Define a maiden JORC Mineral Resource Estimate and outline the potential for a commercially viable mining operation for the Gonneville PGE-Ni-Cu-Co-Au discovery



Make a significant new discovery, which shows strong potential to be economic



Maintain a pipeline of discovery opportunities to complement the current portfolio



Continue to build our operational team, with a focus on internal resourcing and nurture our culture of ownership, sustainable success and ideation



Strengthen our financial position, and continue to exercise discipline on capital management



Continue to build trust with our key stakeholders at the Julimar Project – landowners, indigenous peoples, local communities and governing organisations



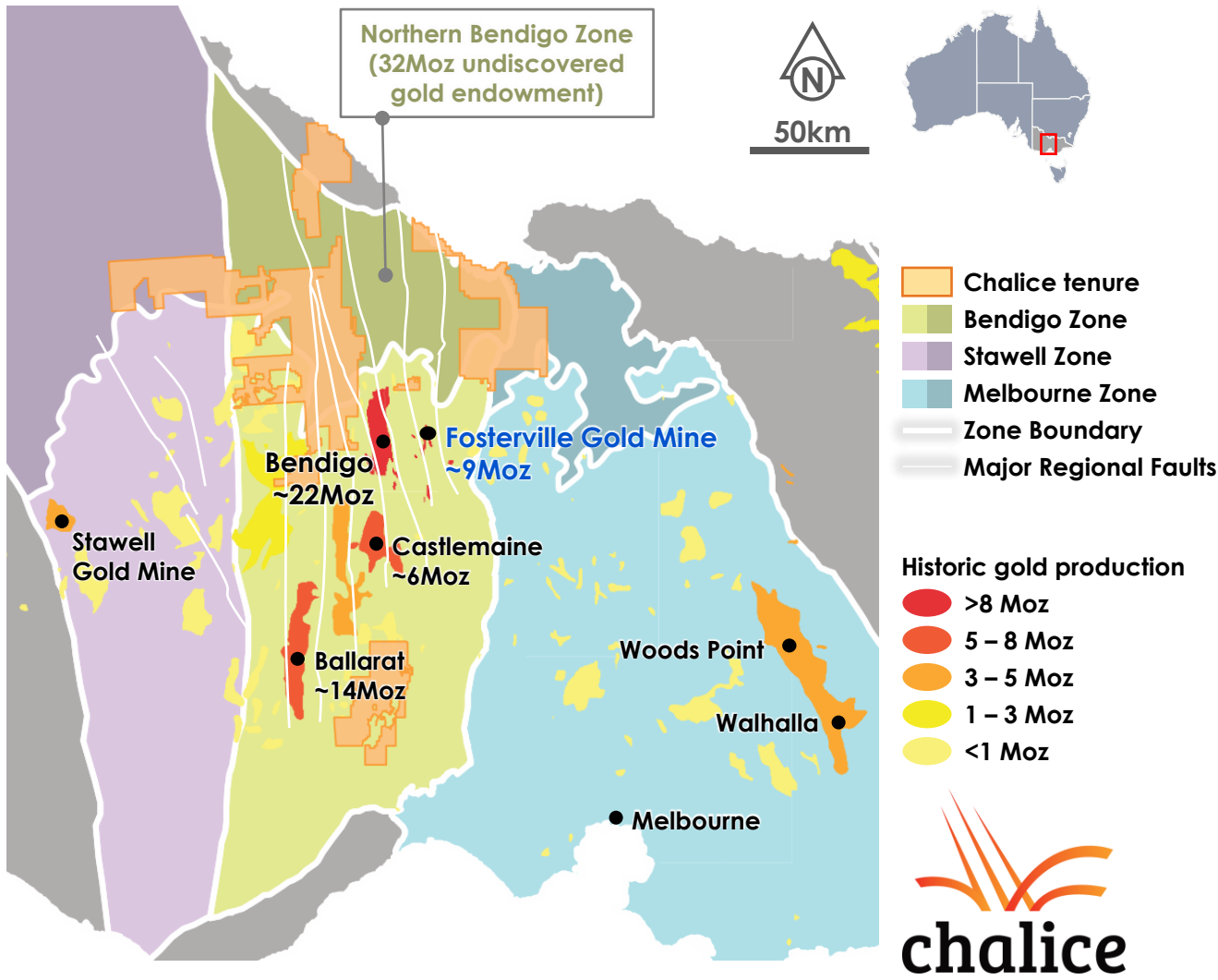
Expand our sustainability presence (environmental, social and governance) to uphold our social licence to operate



Pyramid Hill Gold Project

Victoria

Why gold in Victoria? The prospect of finding another **Fosterville Gold Mine**



>60Moz Au produced since 1850's from outcropping **South Bendigo Zone**, at a avg grade of ~15g/t Au

90% of mines had a recovered grade >8.5g/t Au

32Moz Au (P50 mid case) of undiscovered gold to the north in the **Northern Bendigo Zone** (Vic Govt 'Gold Undercover¹' estimate)

This area is under thin Murray Basin cover and is essentially unexplored – **the opportunity**

Historic region capturing global attention again thanks to Kirkland Lake Gold's **ultra high-grade Swan Zone discovery at the Fosterville Gold Mine²:**

2020 Production
**~640koz at
~34g/t Au**

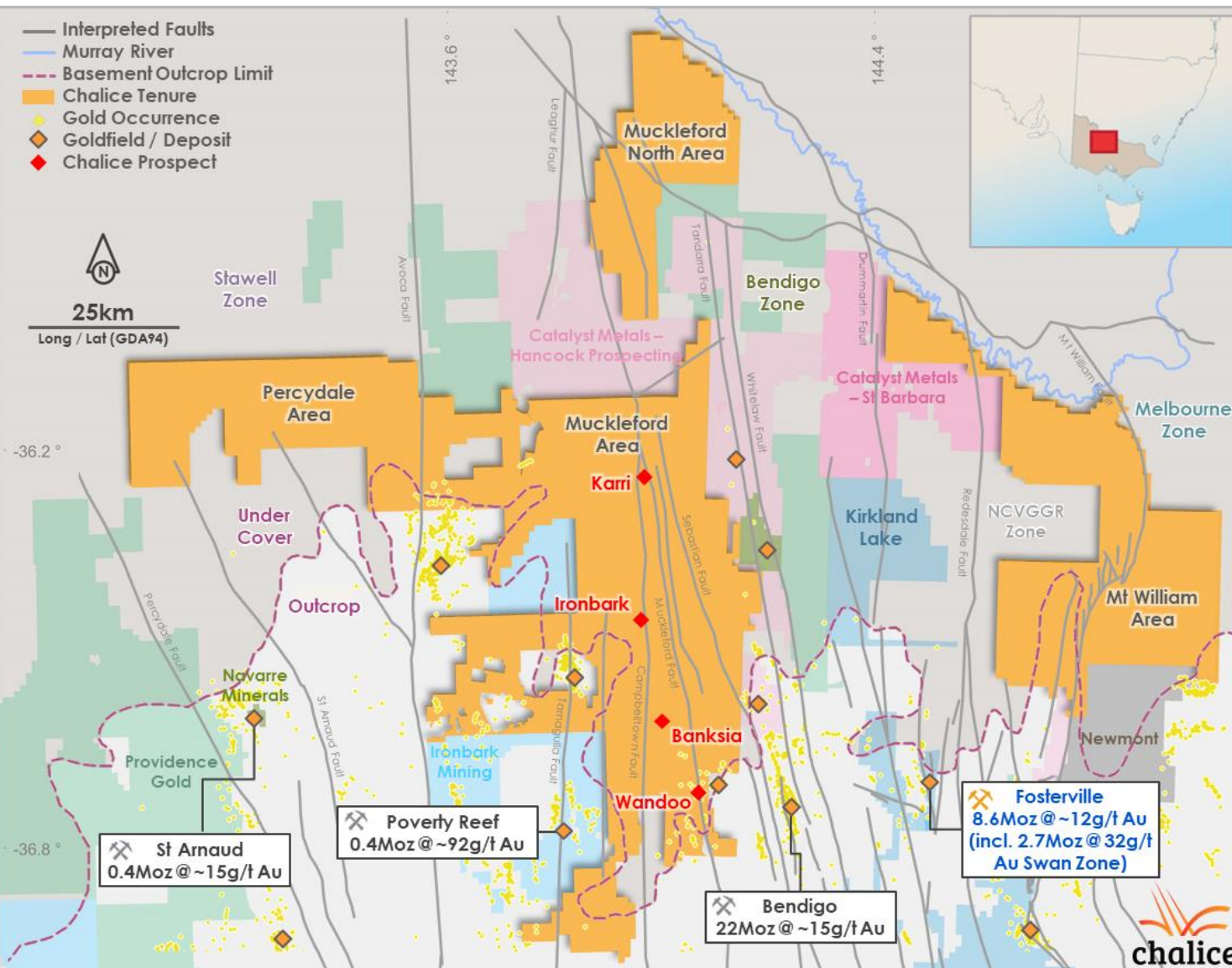
2020 operating cash costs guidance
US\$130-150/oz

Swan Zone Mineral Reserve (Dec-19)
1.6Moz @ ~39g/t Au



SOURCE: 1. Department of Economic Development, Jobs, Transport and Resources, Victoria, Australia, <http://earthresources.efirst.com.au/categories.asp?cID=42>.
2. Kirkland Lake Gold Press Releases 21 Feb 2019, 9 Jan 2020

Chalice has adopted a systematic value-add approach across its >5,000km² land holding – ‘find the big gold systems first’

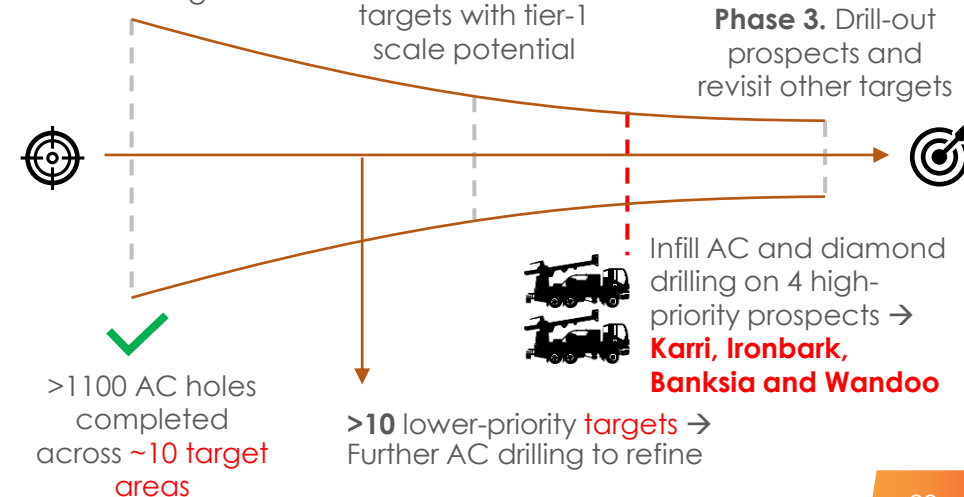


- Project covers hundreds of kilometres of prospective strike, along crustal scale faults that host multiple tier-1 gold deposits
- Prior to Chalice most of the area essentially **un-drilled**
- Our **regional-scale** activities commenced in mid-2018, focussed on shallow (<100m) areas of cover:

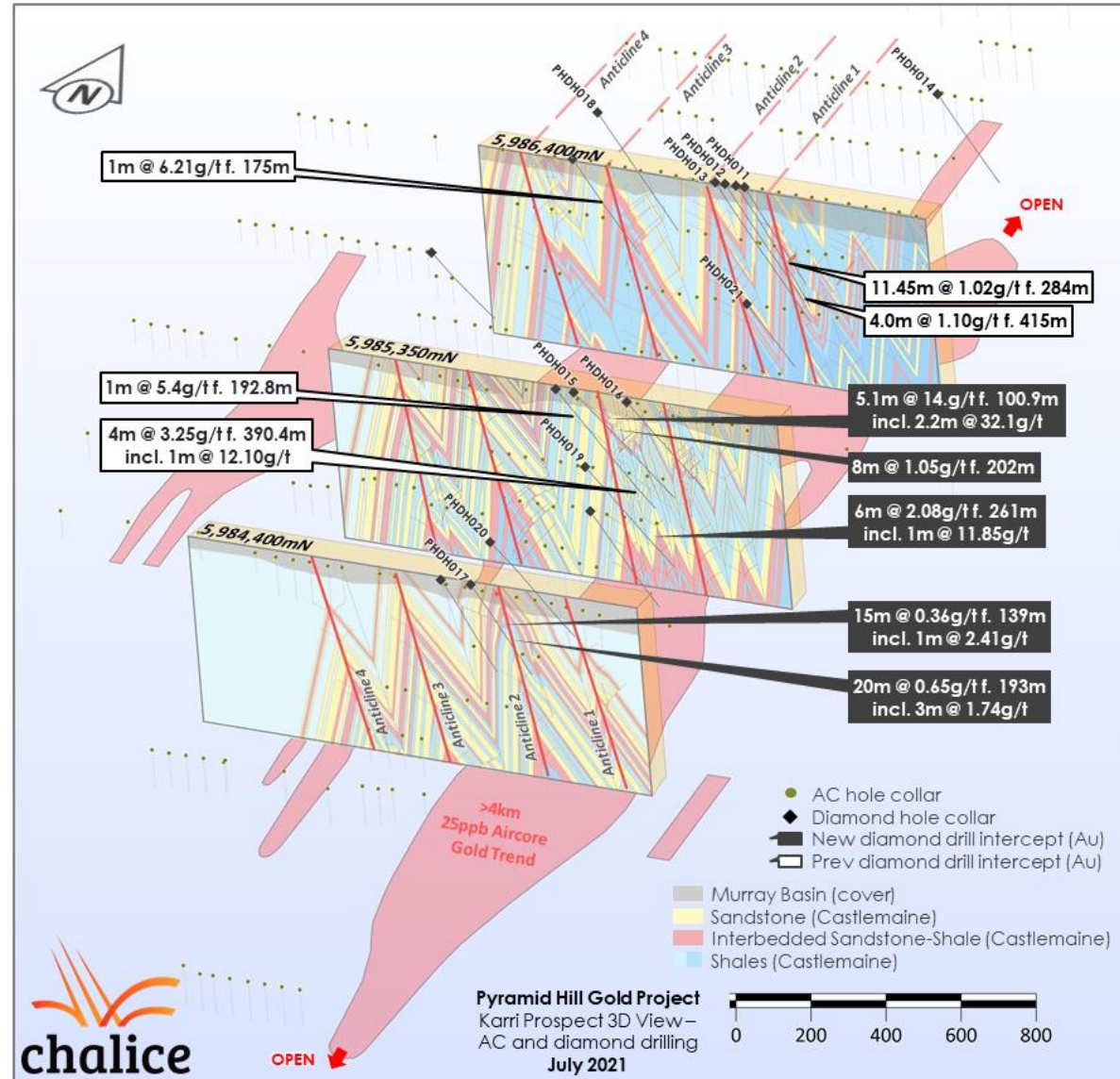
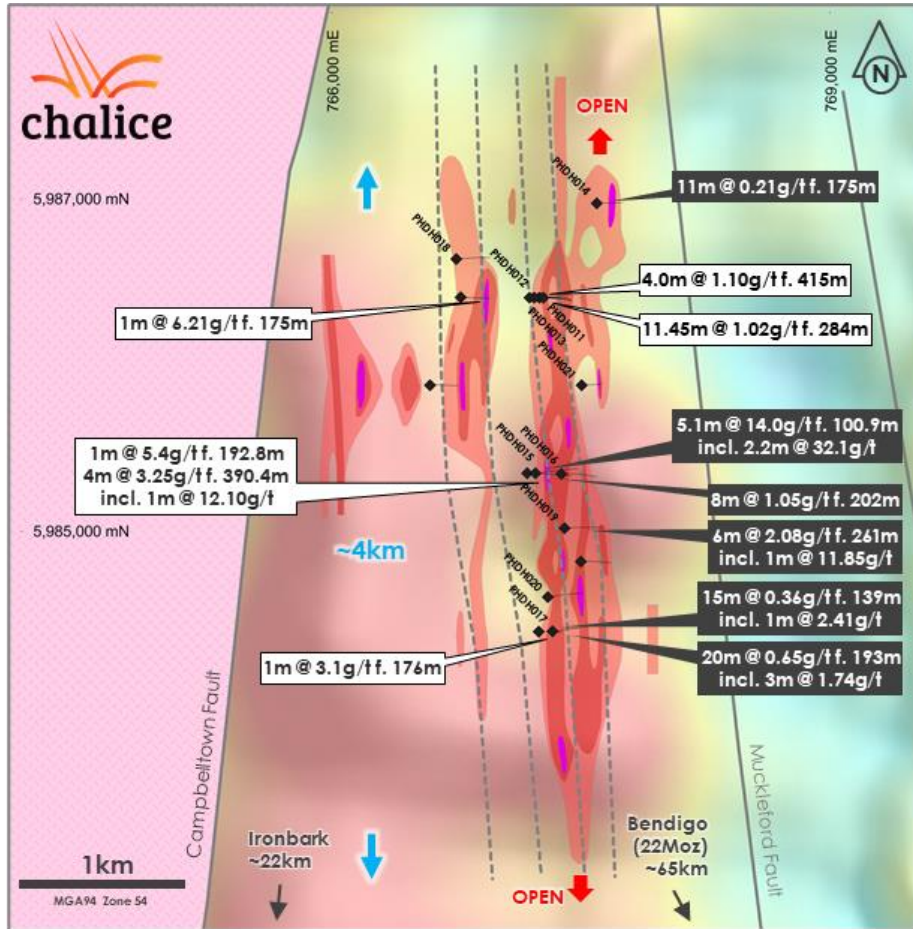
Phase 1. Screen the thin cover (<100m) areas with wide-spaced recon sampling + AC drilling

Phase 2. Infill and vector towards targets with tier-1 scale potential

Phase 3. Drill-out prospects and revisit other targets



Several high-grade gold zones have been intersected on wide-spaced drill holes at the **Karri Prospect**, including 5.1m @ 14g/t Au



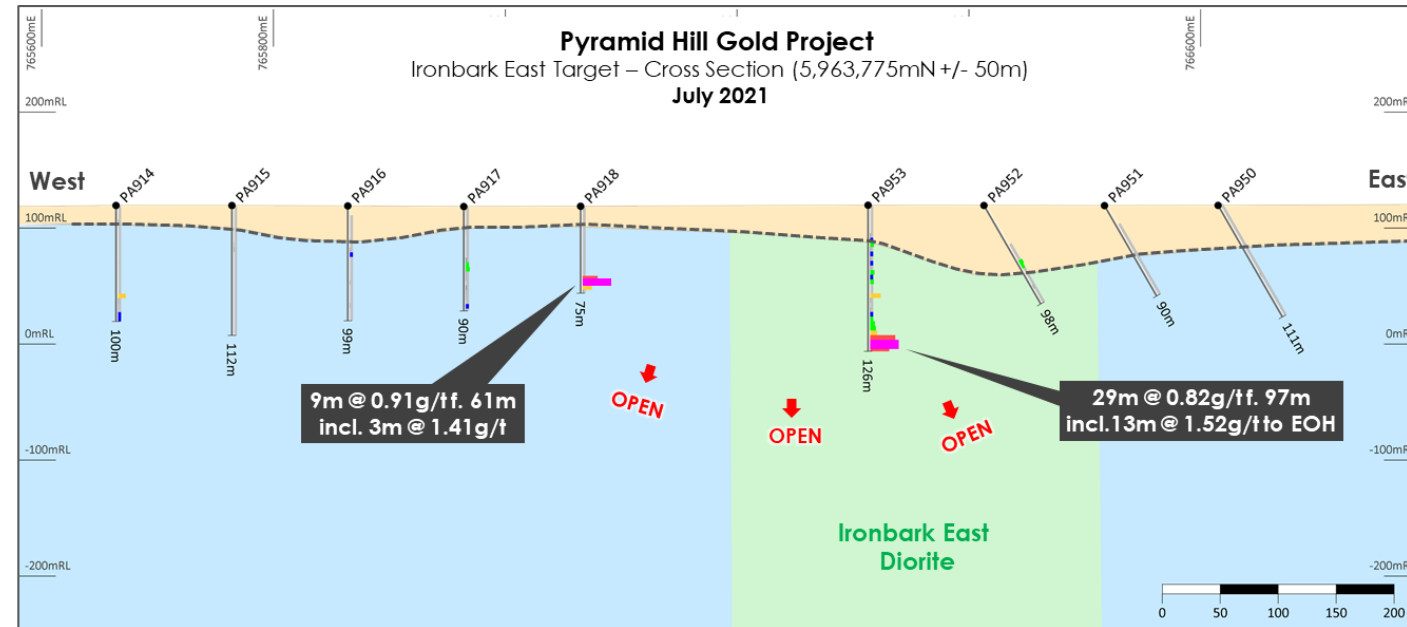
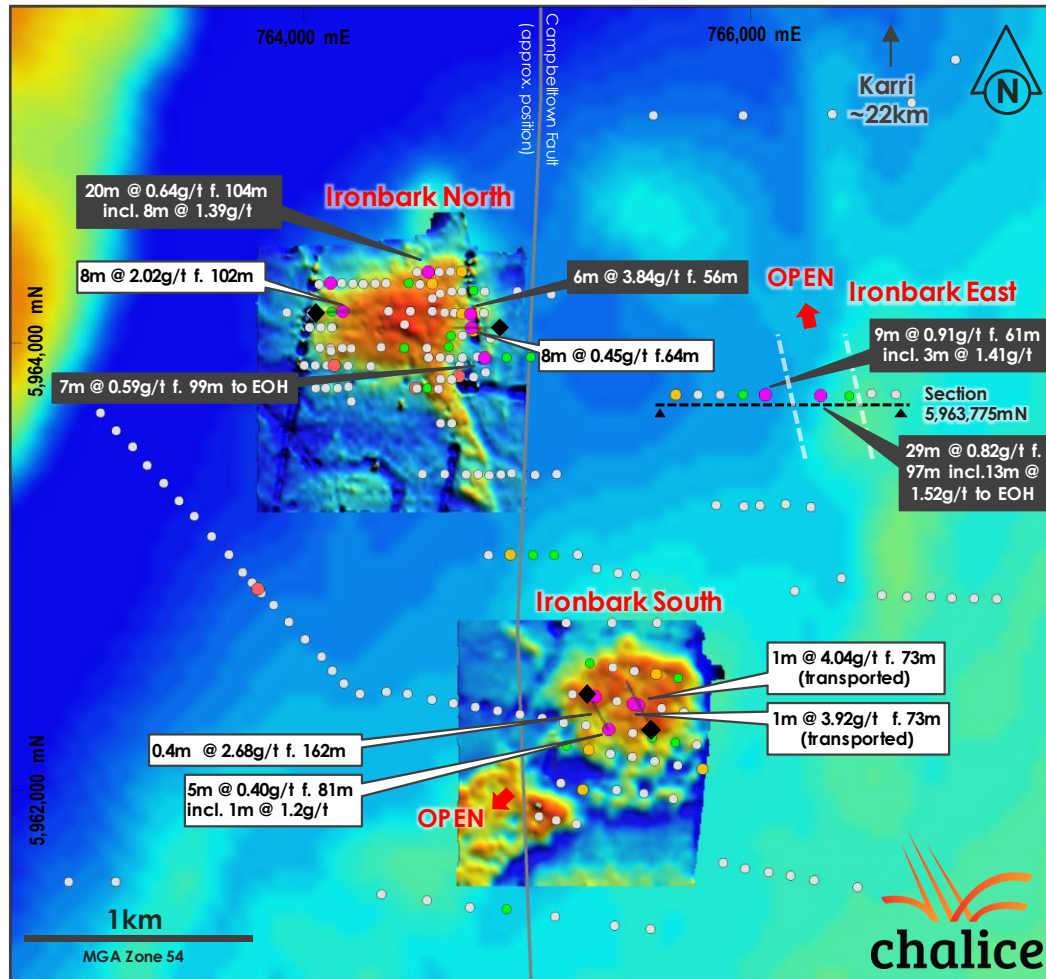
Pyramid Hill Gold Project
Karri Prospect Plan View –
AC and diamond drilling
over 1VD Gravity
July 2021

- ◆ Diamond hole collar
 - ◆ New diamond drill intercept (Au)
 - ▭ Previous diamond drill intercept (Au)
 - Major anticline axis
 - Granitoid
- AC drill contours (max Au)
- >1.0g/t
 - >0.1g/t
 - >0.025g/t



Pyramid Hill Gold Project
Karri Prospect 3D View –
AC and diamond drilling
July 2021

Three gold bearing diorite intrusions have been discovered at the **Ironbark Prospect**, prospective for high-grade Walhalla-Woods Point style deposits



Drill intersection (Au g/t)

- >1.0
- 0.5-1.0
- 0.25-0.5
- 0.1-0.25
- 0.05-0.01

- Murray Basin (cover)
- Castlemaine Group (basement)
- Diorite intrusive (basement)
- Base of transported cover
- New key drill intercept (Au)

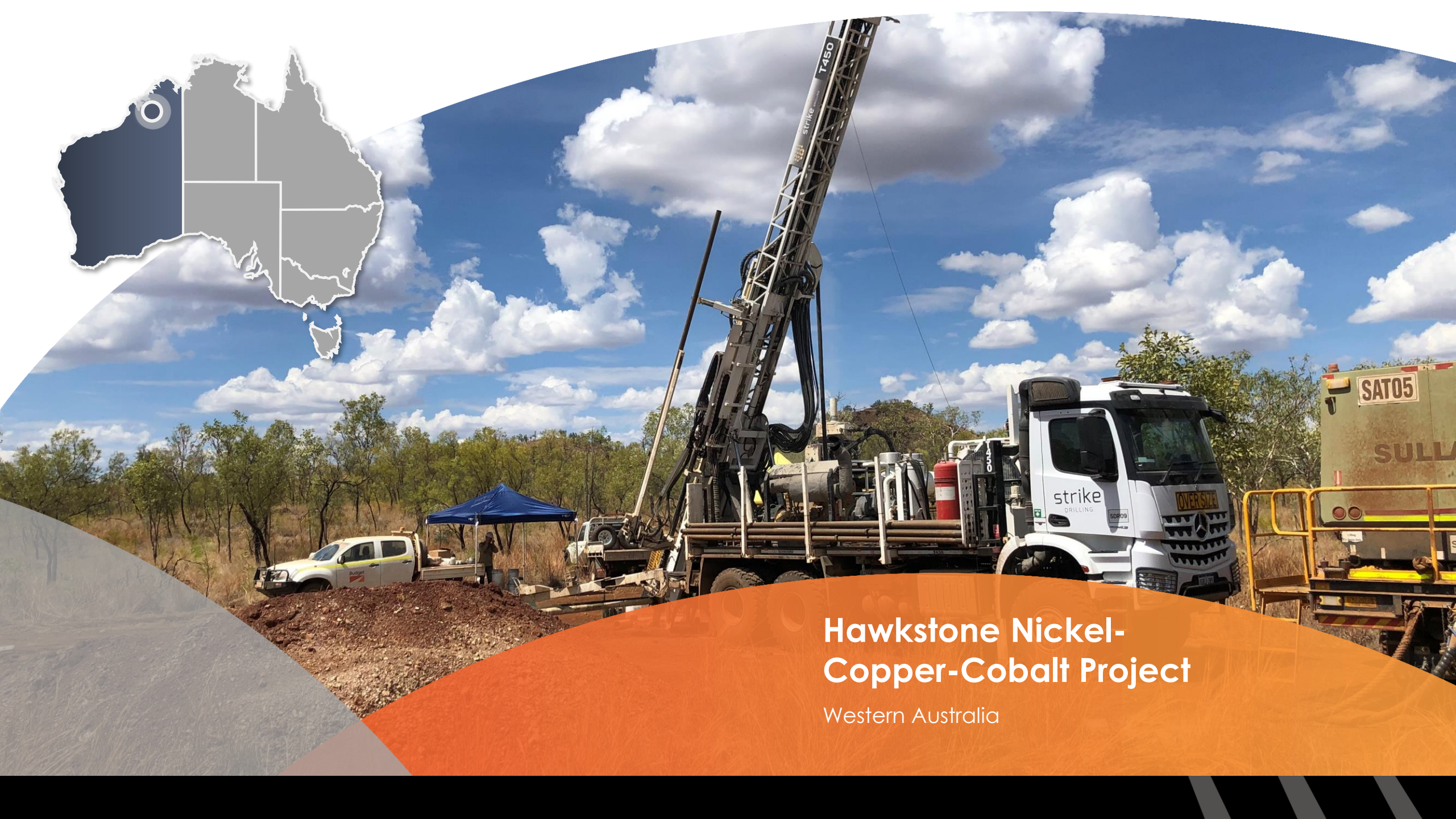
Pyramid Hill Gold Project
Ironbark Prospect Plan
View – Drilling over TM1
RTP Magnetics
July 2021

Max gold in AC drill hole (g/t)

- >1.0
- 0.5-1.0
- 0.25-0.5
- 0.1-0.25
- <0.1

- ◆ Diamond hole collar
- New drill intercept (Au)
- Prev drill intercept (Au)

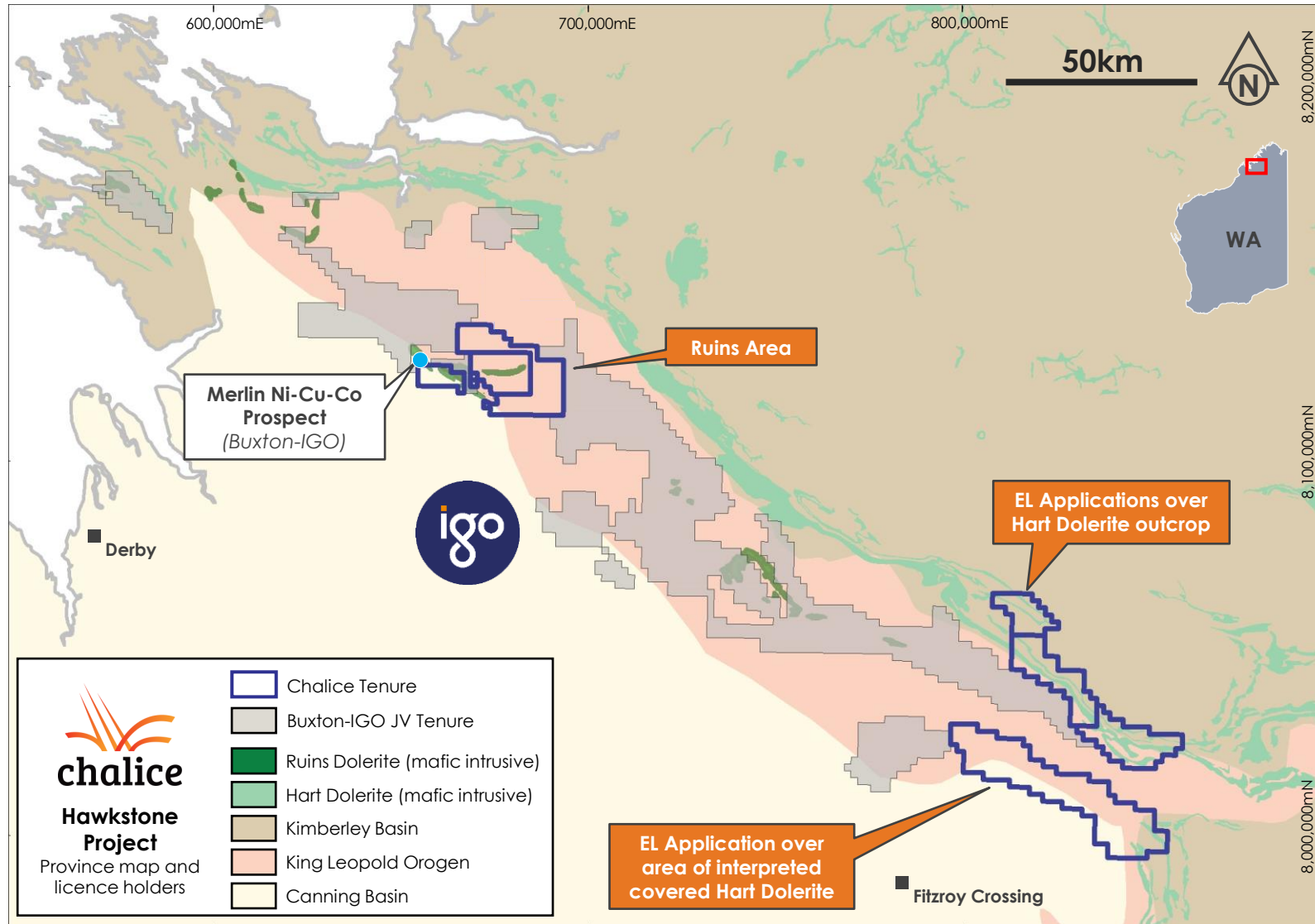




Hawkstone Nickel- Copper-Cobalt Project

Western Australia

The Hawkstone Nickel-Copper-Cobalt Project covers ~1,600km² in the frontier and largely unexplored King Leopold Orogen of the west Kimberley



- Frontier province highly prospective for magmatic **Ni-Cu-Co sulphide** deposits
- **Minimal modern exploration**
- 2015 Merlin discovery by Buxton Resources (ASX: BUX) highlighted potential of Ruins Dolerite
- **IGO Ltd** (ASX: IGO) entered the region in late 2018 with a regional JV with Buxton
- Chalice a **significant** player in the belt:

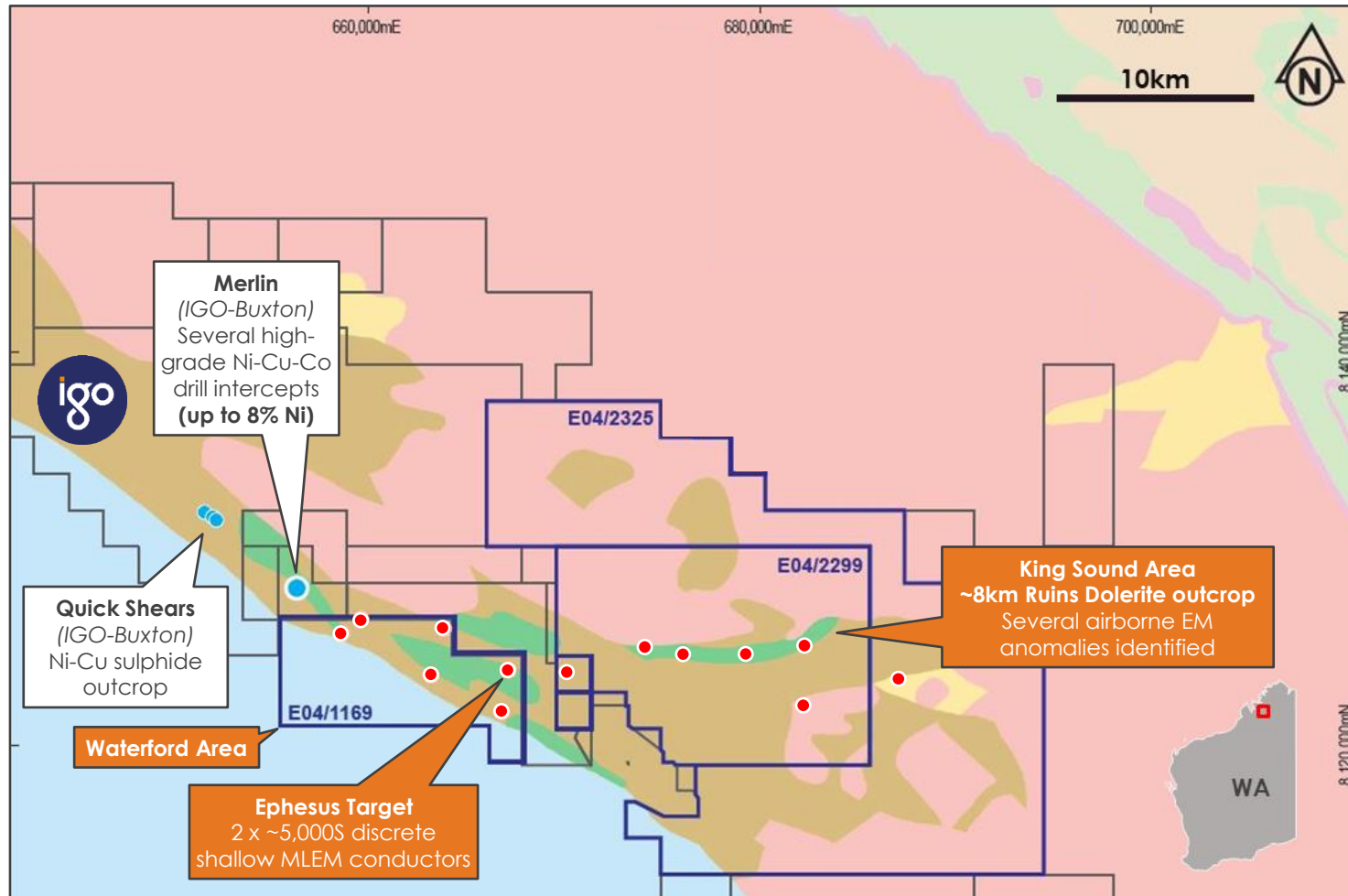
Ruins Dolerite

- ~500km² Ruins Area acquired in June 2019
- Immediately SE of Merlin (proven host)

Hart Dolerite

- 1,100km² of EL applications made in late 2018
- Conceptual host to magmatic sulphides

Chalice's immediate focus is the Ruins Area, where **several nickel sulphide targets** have already been defined



- Merlin (IGO-Buxton) hosts drill intercepts in Ruins Dolerite with grades up to **8.14% Ni, 5.26% Cu and 0.69% Co¹**
- **11 airborne EM targets** defined by Chalice to date along strike to SE and E of Merlin
- Ground based MLEM completed, identifying several high-priority EM targets
- **2 x ~5,000 Siemens conductors** identified at the **~2.5km x ~1.5km** Ephesus Target
- Maiden drill program at Ephesus in Sept-21



Hawkstone Project
Ruins Area Regional Geology & Occurrences



1. Buxton Resources Ltd (ASX:BUX) announcement 11 March 2019.