



ASX: CHN | OTCQB: CGMLF

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

Noosa Mining and Exploration Investor
Conference

15 July 2021



Forward looking statements and competent person disclosure

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Disclaimer

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Competent Person and Qualifying Persons Statement

The information in this presentation 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

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](https://www.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 Alex Dorsch, Managing Director.



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 very large, 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\$133M² in cash + investments
- ~5,000% TSR since Julimar discovery in March 2020

¹ Subject to shareholder and regulatory approvals

² As at 31 March 2021



Drilling at Julimar Ni-Cu-PGE Project, Mar-2021

Julimar is a 'green metals' discovery – metals which are needed to decarbonise the global economy and address climate change

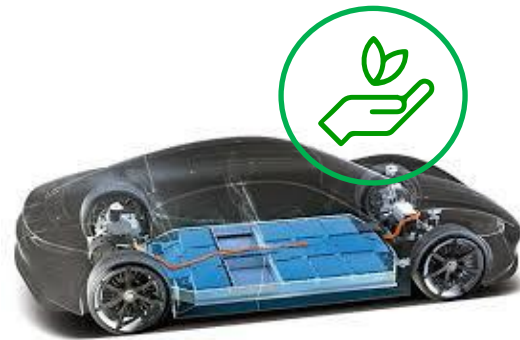
Palladium



Used to remove nitrogen oxides from exhaust fumes, which are **300x more potent than CO₂ as a greenhouse gas**

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 14x by 2030; lack of new sulphide discoveries worldwide

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



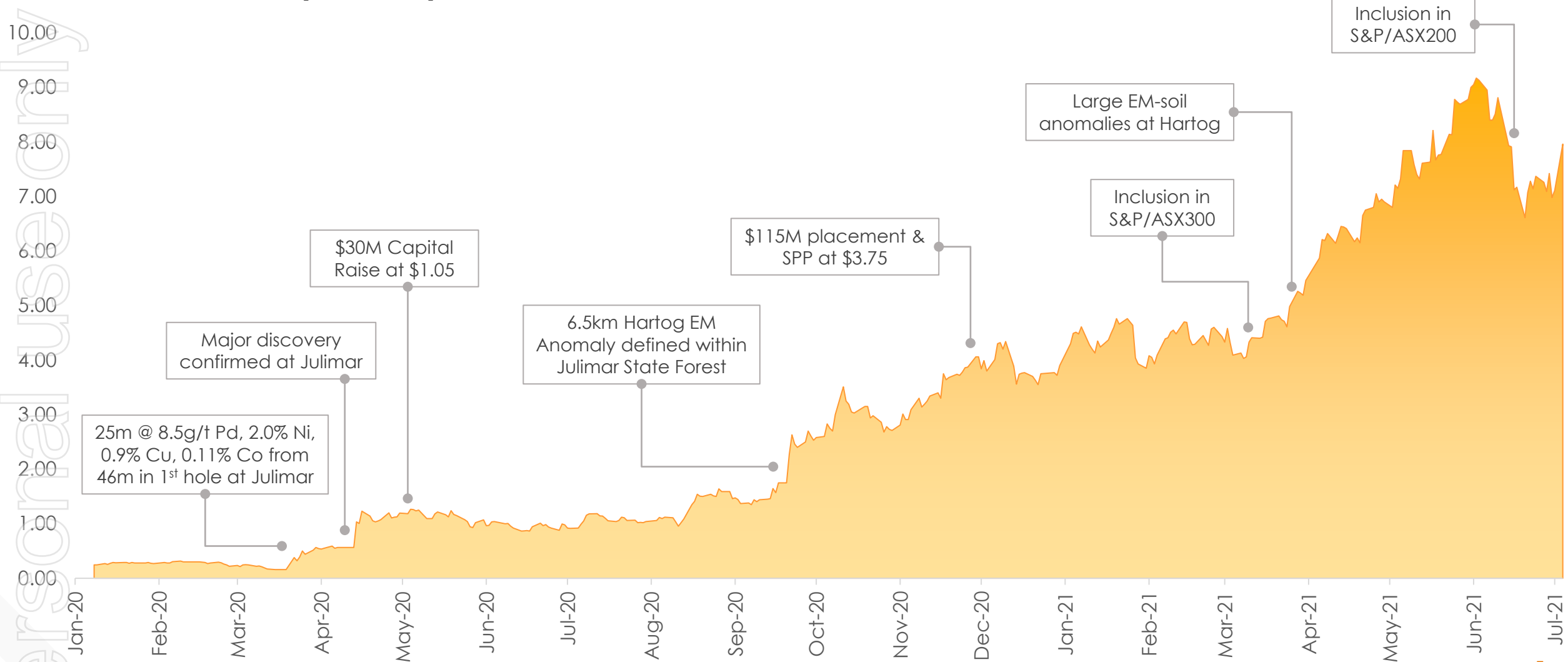
Highly effective catalyst in **hydrogen applications, including green hydrogen production and fuel cells**

Ongoing deficit and supply challenges; supply dominated by South Africa

Chalice has been one of the **standout performers** in the sector, with a **~5,000%** TSR since the Julimar discovery



CHN Share Price Chart (A\$/share)





JD019 core specimen at Julimar Ni-Cu-PGE Project, Nov-2020

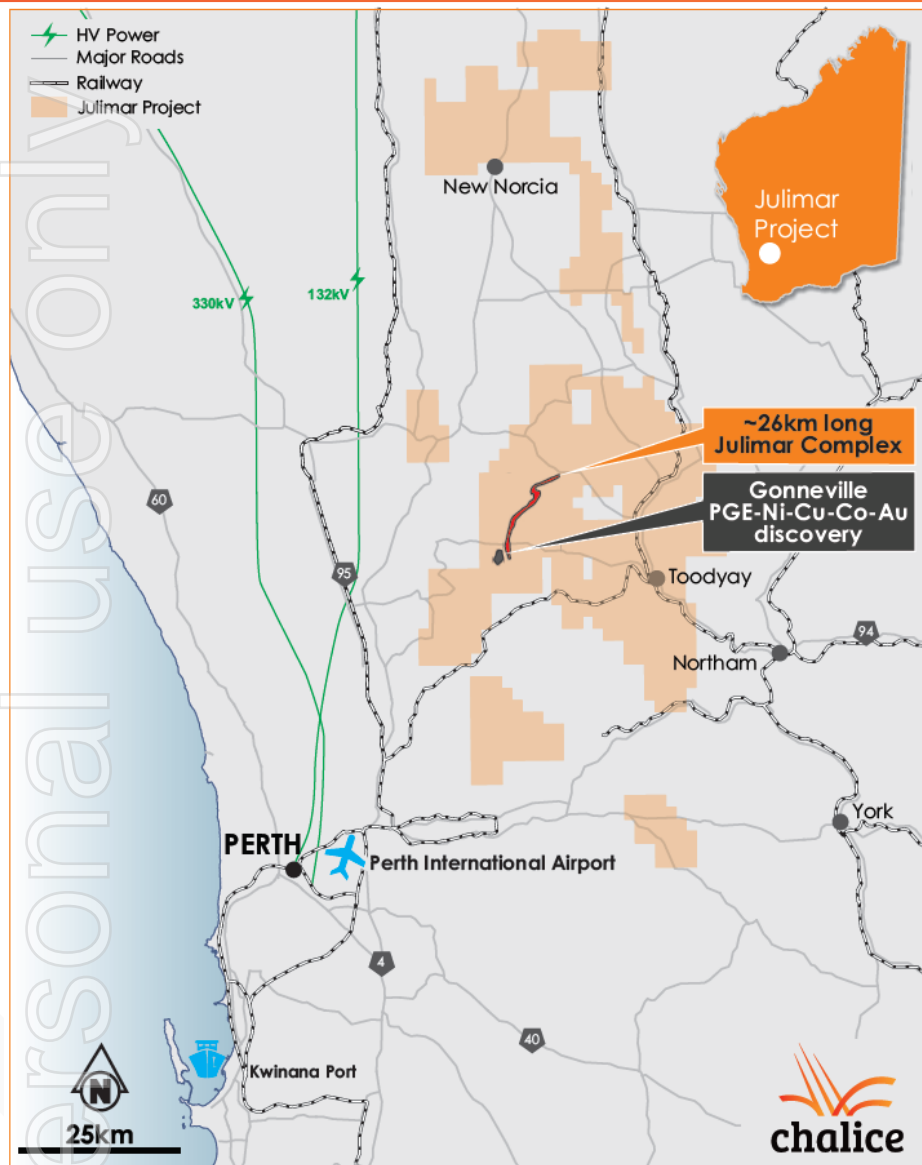
Julimar Nickel-Copper-PGE Project

Western Australia





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



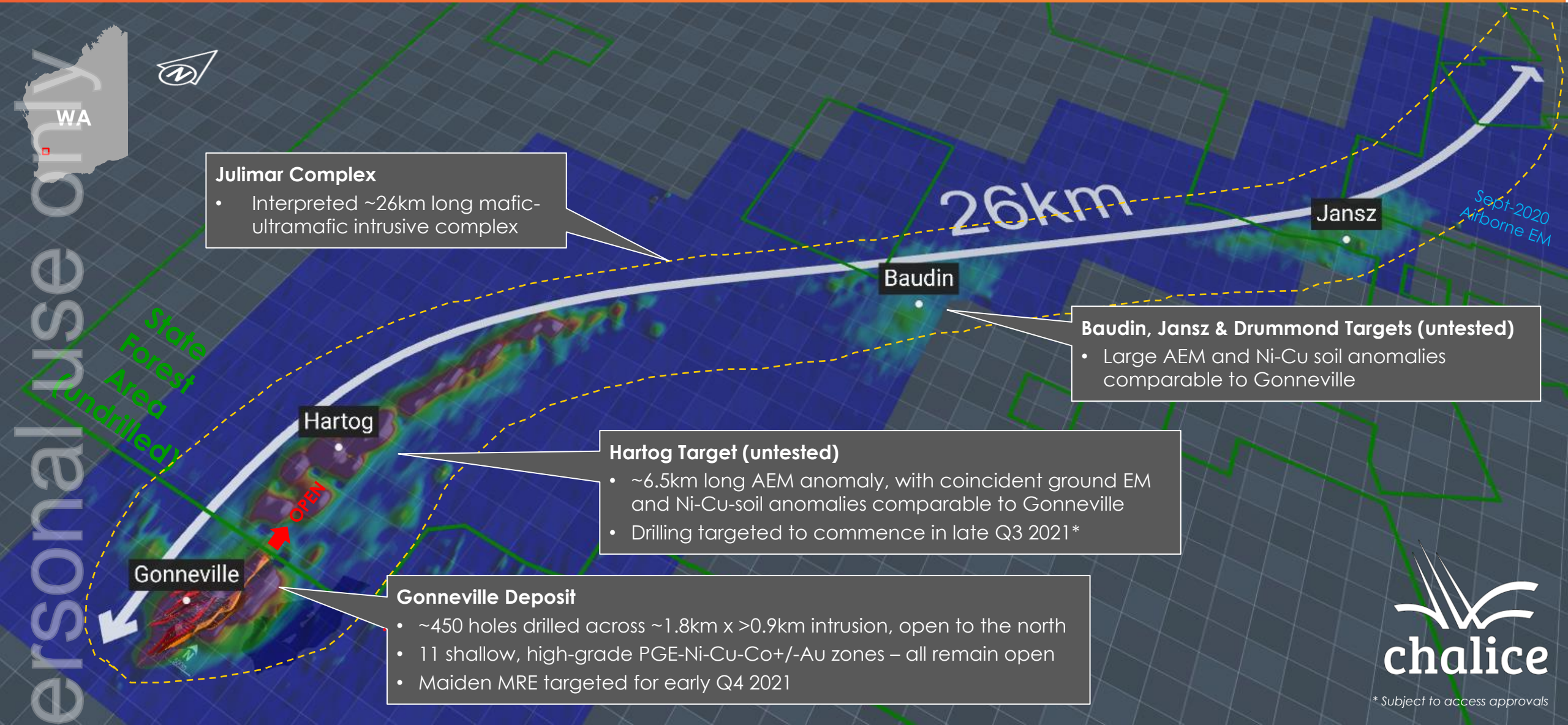
- Numerous case studies of **successful mining projects in or around State Forest areas in WA** (Boddington, Alcoa WA, Worsley, Greenbushes)
- Chalice has taken a **proactive approach to environmental practices**
 - Baseline flora, fauna, heritage and dieback surveys undertaken on private farmland
 - 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**

Community



- 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 **very large, strategic deposit of critical metals**, with a range of PGE-Ni-Cu-Co-Au mineralisation styles



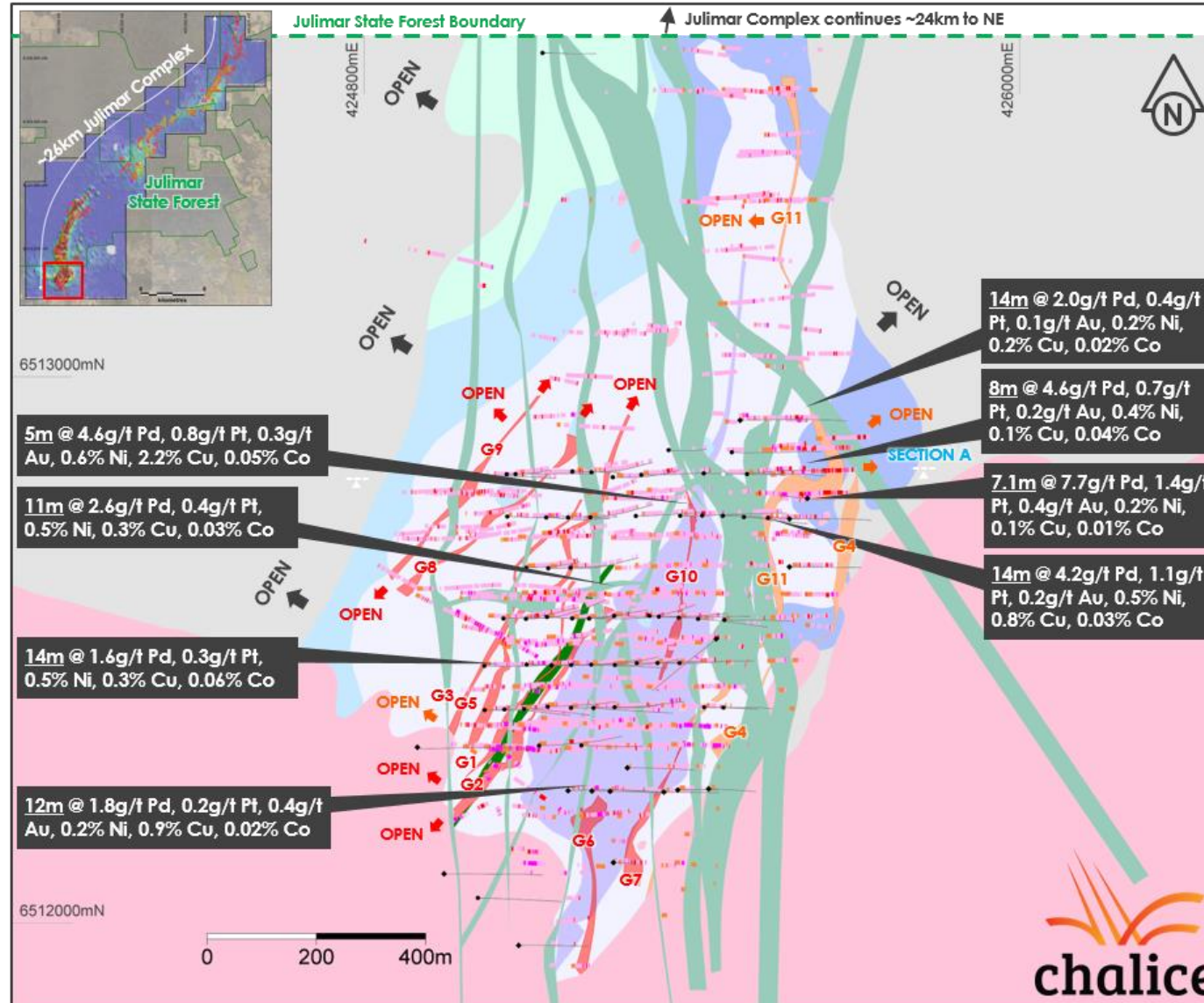
Drill holes (new)
 ● RC – assayed
 ● DDH – assayed

Mineralisation (all holes)

■ >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
 ■ Gonneville Domain 1 Serpentinite (Horzburgite)
 ■ Gonneville Domain 2 Serpentinite (Horzburgite)
 ■ Gonneville Domain 3 (Pyroxenite)
 ■ Gonneville Domain 4 (Low-Ni Pyroxenite)
 ■ Gonneville Domain 5 (Anorthosite – Gabbro)
 ■ Gonneville G1-G2 Gabbro
 ■ Granite
 ■ Dolerite



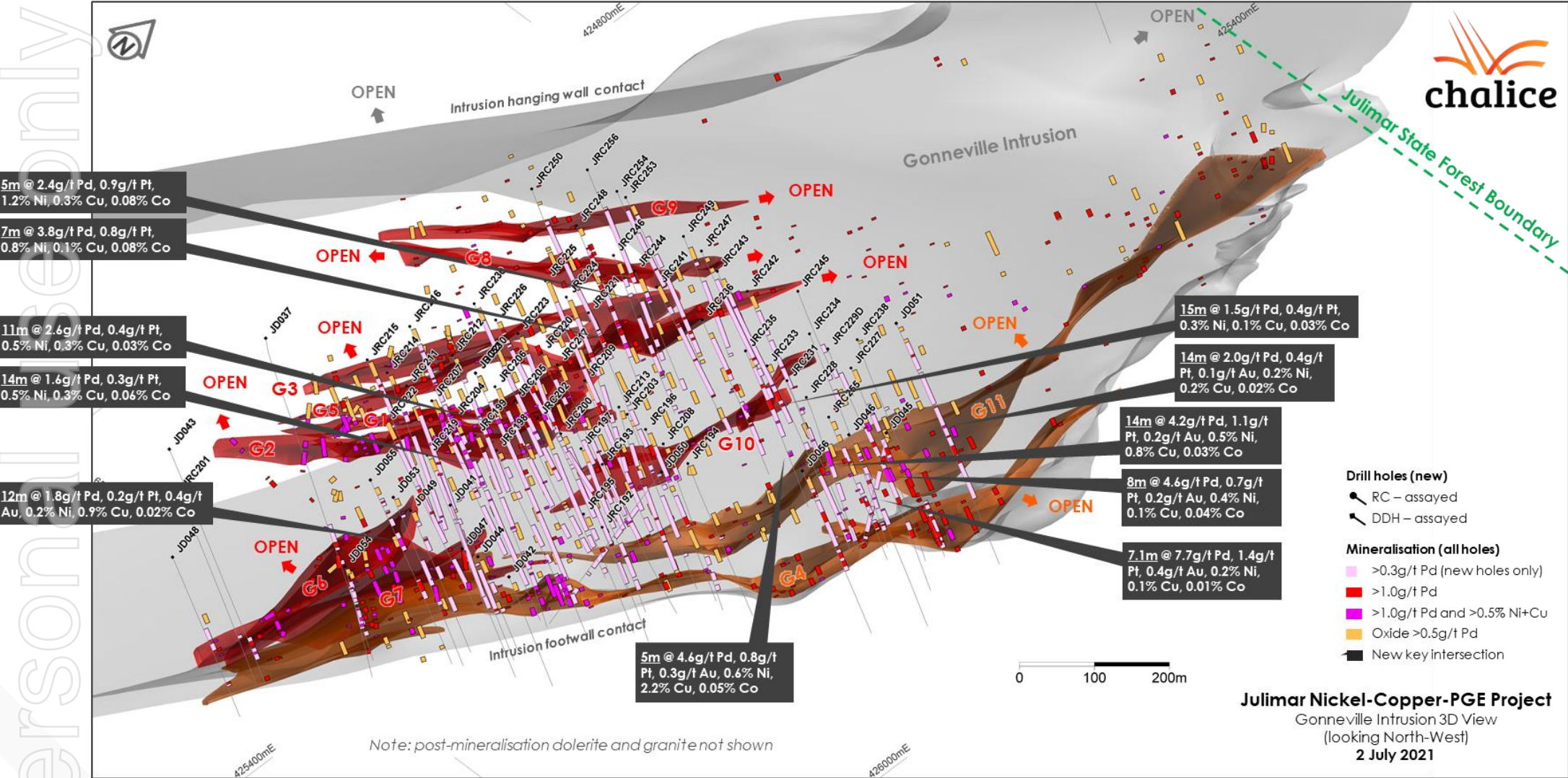
- ~1.8km x 0.9km x >0.8km intrusion, **open to the north and at depth**, hosting:
 - Eleven shallow **high-grade PGE-Ni-Cu-Co+/-Au zones** (G1-G11, using >1g/t Pd cut-off) – **all remain open**
 - >250 high-grade (>1g/t Pd) intersections outside the eleven zones
 - Widespread **PGE mineralisation associated 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
- ~450 holes for ~120,000m completed to date
- ~160,000m step-out and resource definition drill program ongoing – 3 RC and 4 diamond rigs
- Maiden MRE targeted for early Q4 2021



The eleven high-grade zones have **significant strike length** and extend from ~25m to ~550m below surface thus far (zones remain open)



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



Max zone dimensions

Zone	Strike extent	Dip extent
G1	400m	390m
G2	500m	400m
G3	500m	280m
G4	1250m	600m
G5	700m	270m
G6	875m	450m
G7	250m	350m
G8	400m	290m
G9	450m	150m
G10	400m	300m
G11	1200m	300m

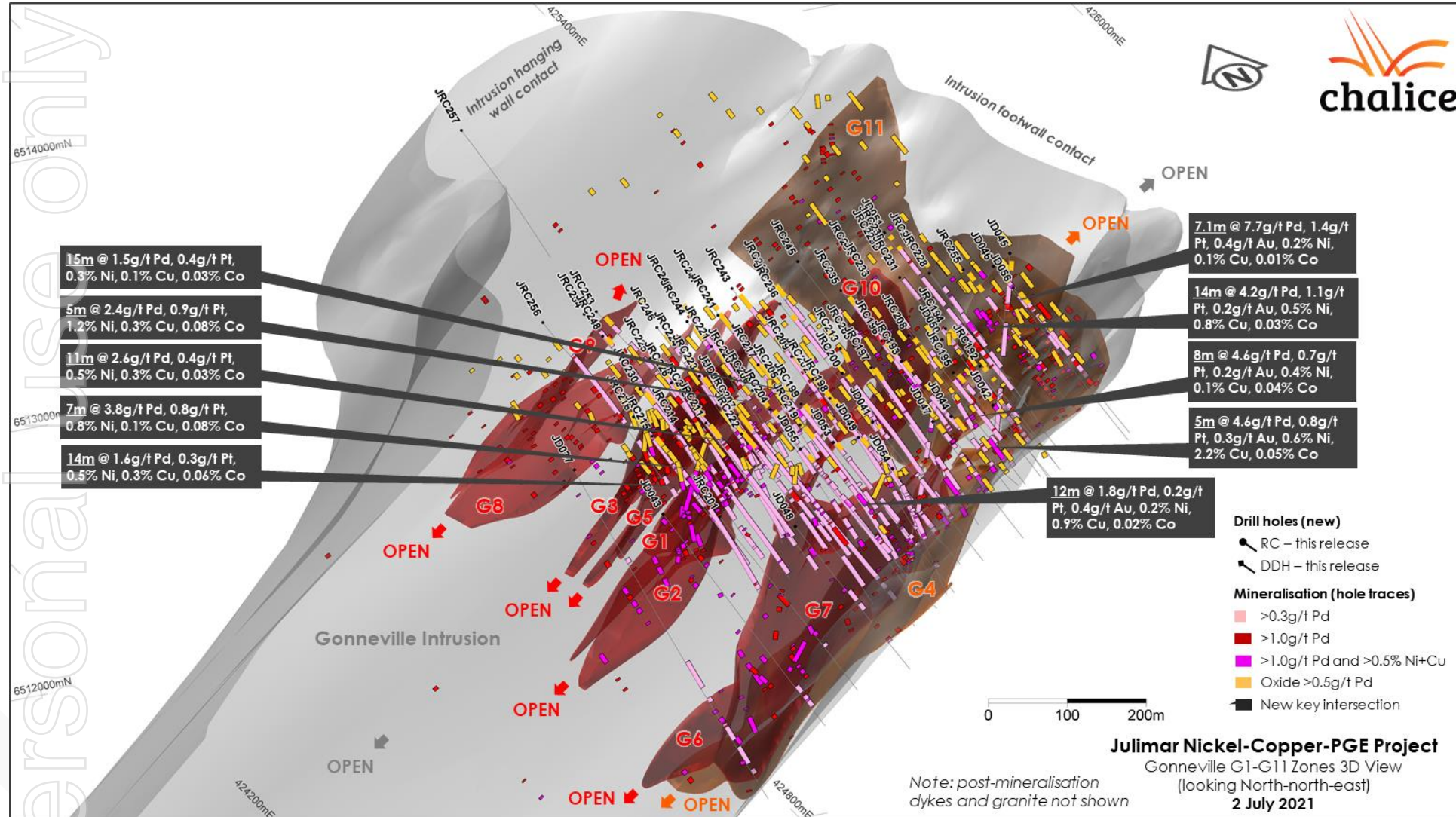
- G1-G2 (red) are Pd-Ni-Cu-Co rich and internal to the intrusion
- G3, G5 and G7-10 (red) are Pd dominant and internal to the intrusion
- G4, G6 and G11 (orange) are Pd-Cu rich and proximal to the footwall contact of the intrusion

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

The high-grade zones are **Pd rich** with variable Ni-Cu-Co-Pt-Au and in some places are up to **~40m thick**



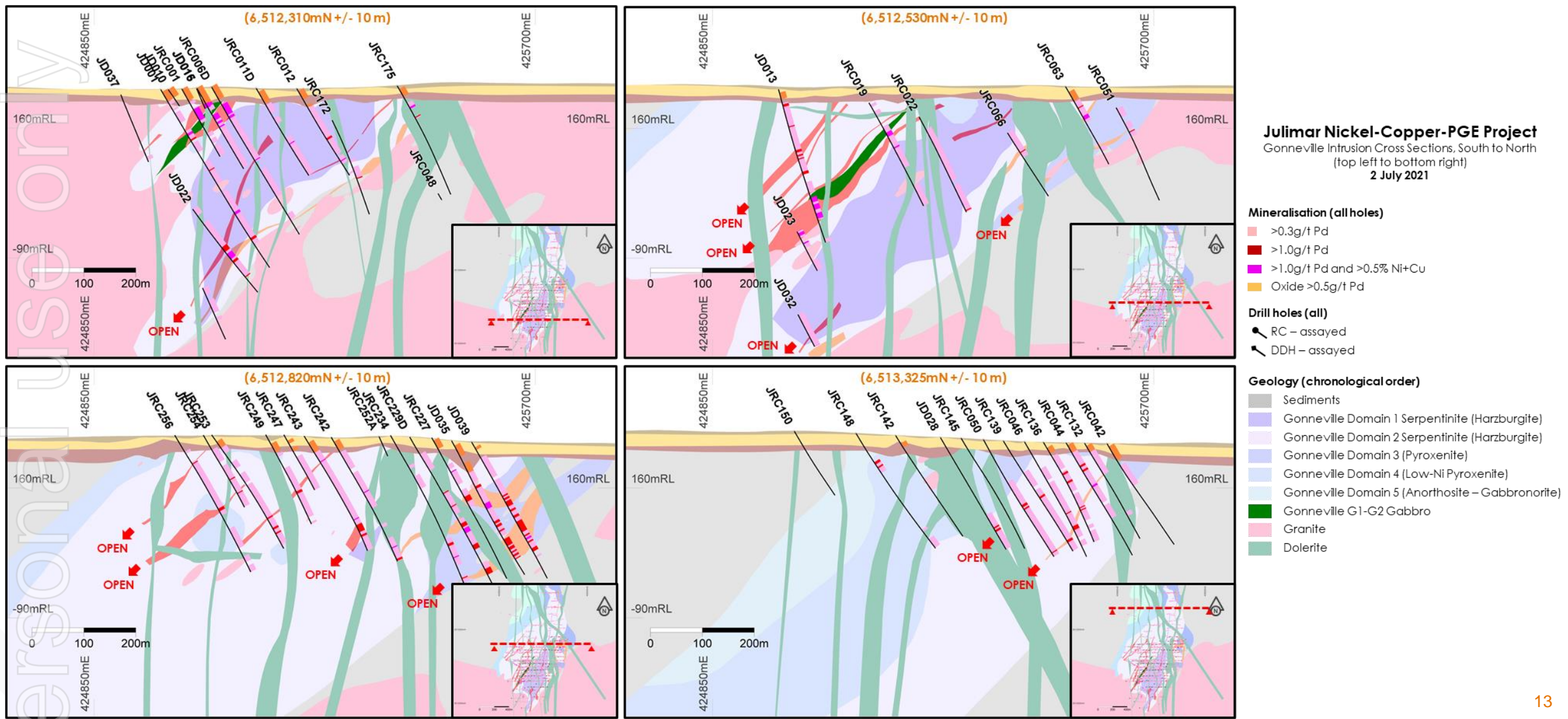
3D view looking north-east over the Gonneville Intrusion (grey)



>850 high-grade intersections to date (>1g/t Pd cut-off), including:

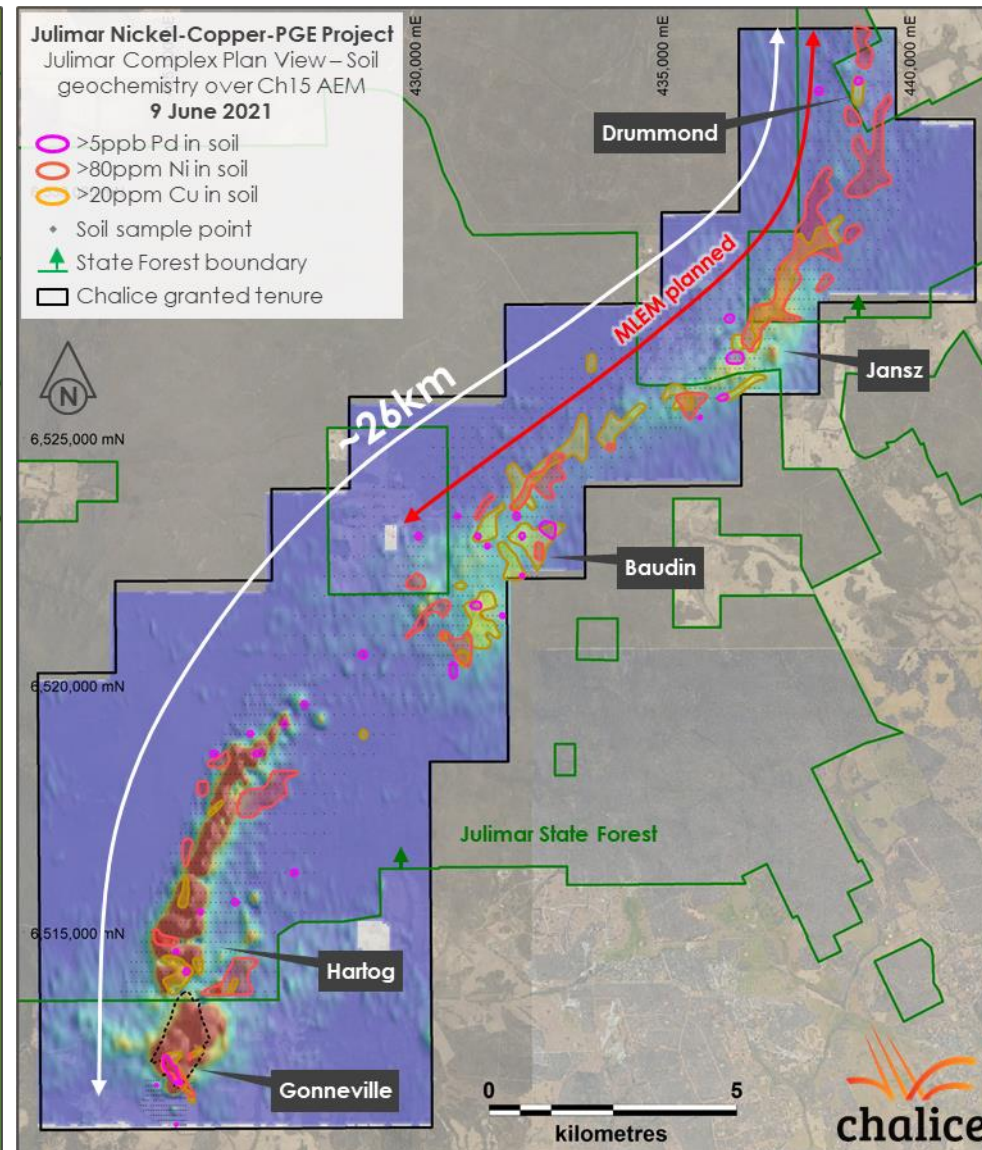
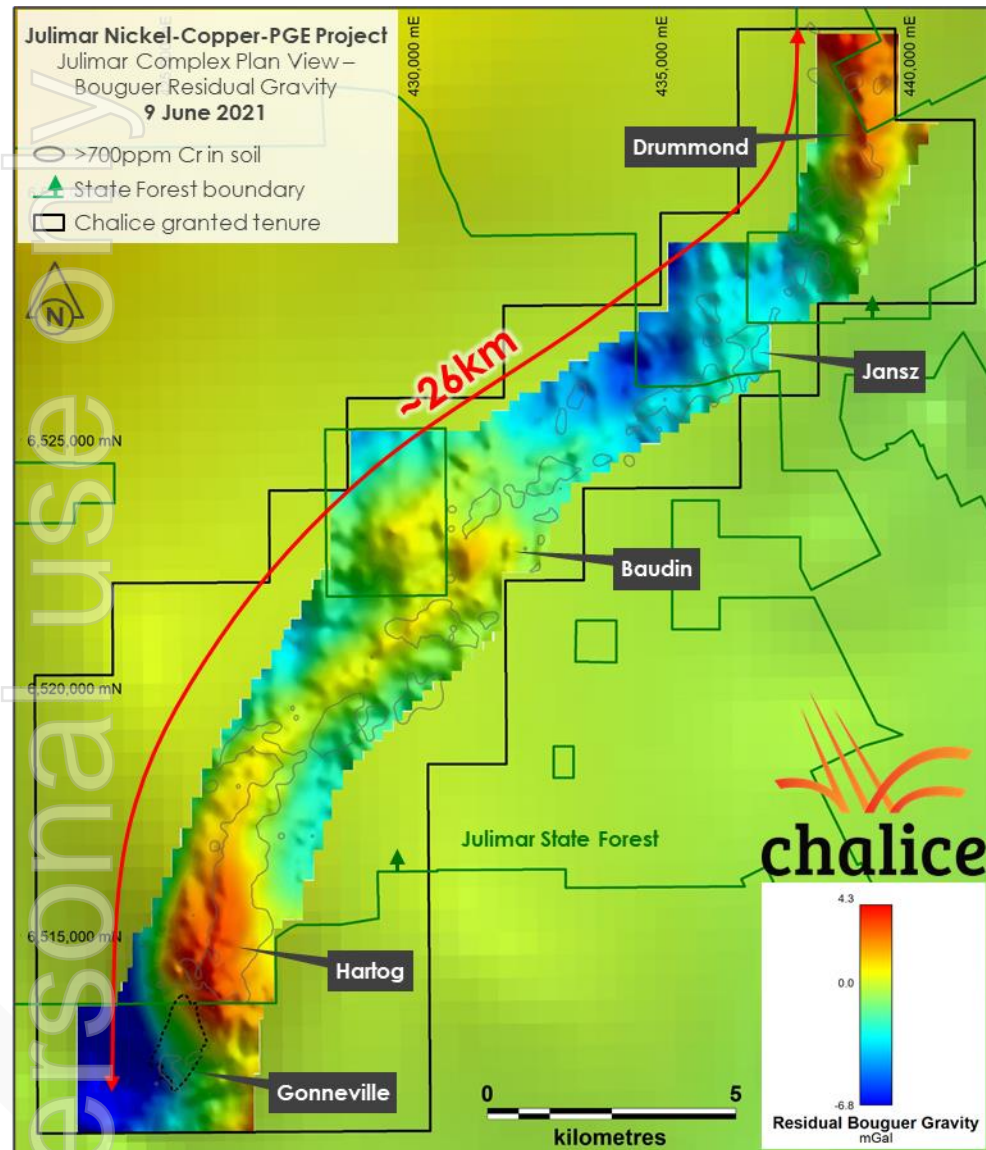
- **25m @ 8.5g/t Pd**, 0.9g/t Pt, 0.1g/t Au, **2.0% Ni**, **0.9% Cu**, **0.11% Co** from 46m (JRC001, G1)
- **50m @ 1.8g/t Pd**, 0.5g/t Pt, **0.9g/t Au**, 0.2% Ni, **1.1% Cu**, 0.02% Co from 112m (JRC089, G4)
- **39m @ 3.8g/t Pd**, 0.6g/t Pt, 0.3% Ni, 0.2% Cu, 0.02% Co from 290m (JD023, G1-G2)
- **34.5m @ 2.8g/t Pd**, 0.7g/t Pt, 0.4g/t Au, 0.2% Ni, **1.9% Cu**, 0.02% Co from 139.8m (JD019, G4)
- **33m @ 2.0g/t Pd**, 0.4g/t Pt, **0.5g/t Au**, 0.3% Ni, **0.8% Cu**, 0.02% Co from 236m (JRC060, G6)
- **20m @ 2.9g/t Pd**, **1.5g/t Pt**, **0.8g/t Au**, 0.1% Ni, **0.8% Cu**, 0.01% Co from 97m (JRC121, G11)
- **18m @ 4.6g/t Pd**, 0.5g/t Pt, 0.4% Ni, 0.1% Cu, 0.03% Co from 121m (JRC112, G10)
- **19m @ 3.1g/t Pd**, 0.7g/t Pt, **1.1g/t Au**, 0.2% Ni, **0.8% Cu**, 0.02% Co from 67m (JRC070, G7)

Infill drilling across multiple high-grade zones continues to support the geological model and **robustness of the deposit**





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



Hartog

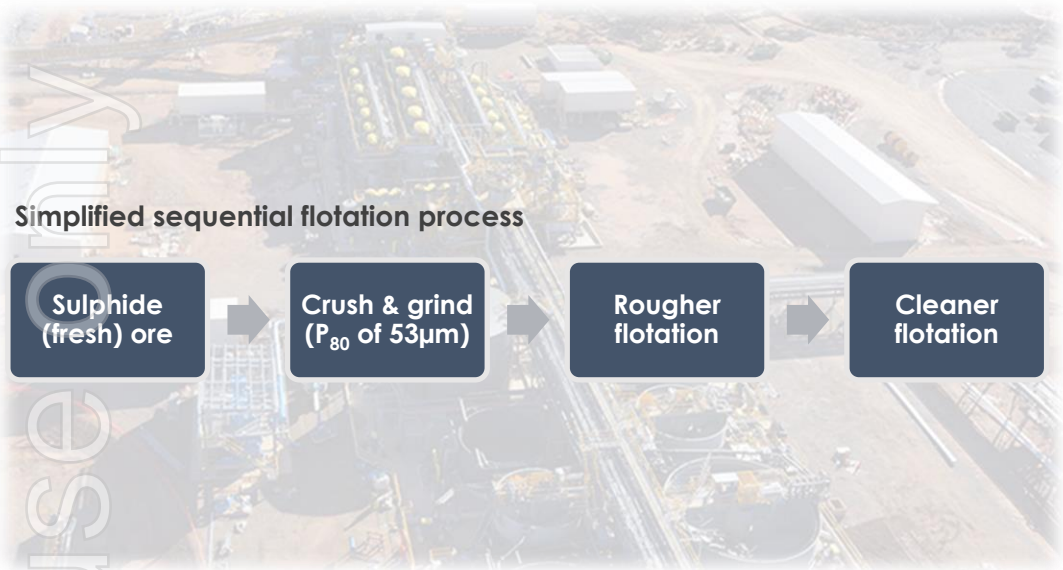
- ~6.5km long gravity-AEM anomaly
- ~30 ground EM conductors and multi-kilometre scale Ni-Cu soil anomalies, comparable to Gonneville pre-discovery
- Coherent Cr soil anomaly – interpreted as mafic-ultramafic geology

Baudin-Jansz-Drummond

- 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%
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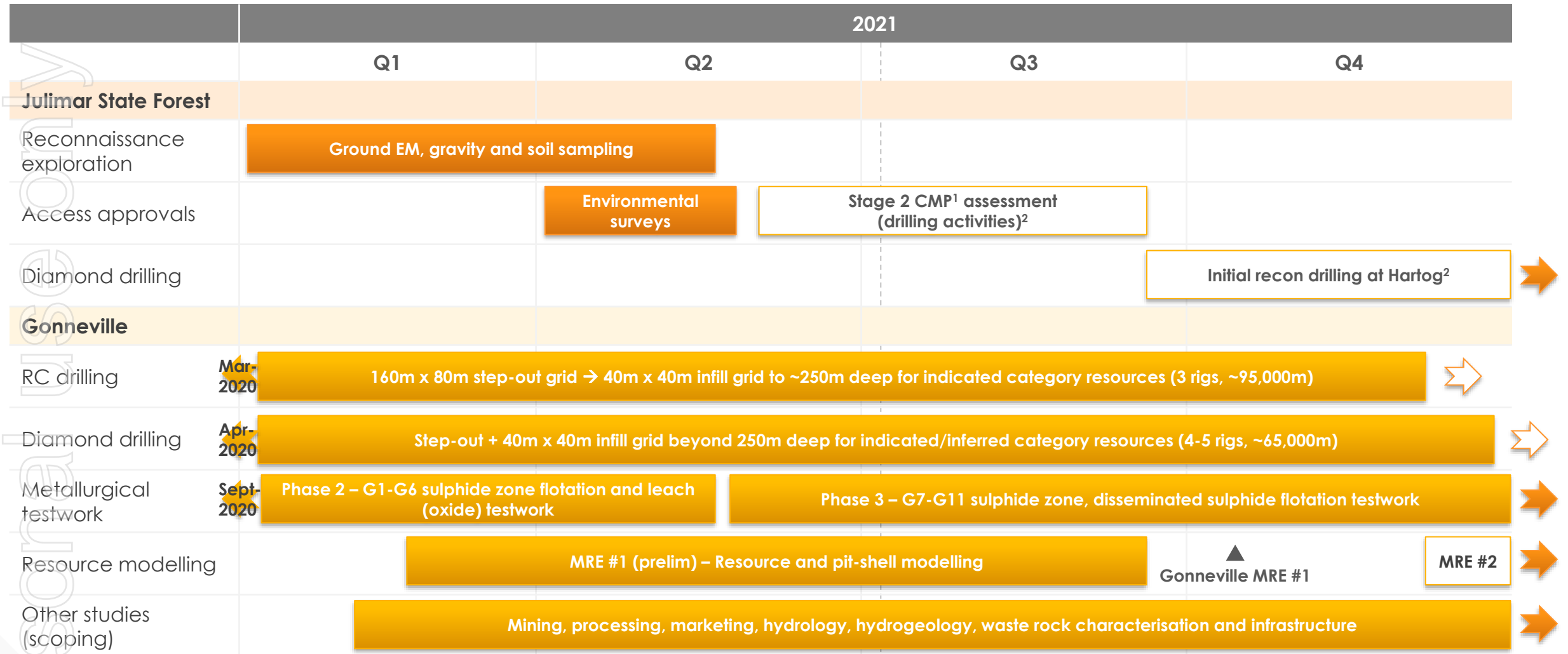
Approach

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 deportment
- 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

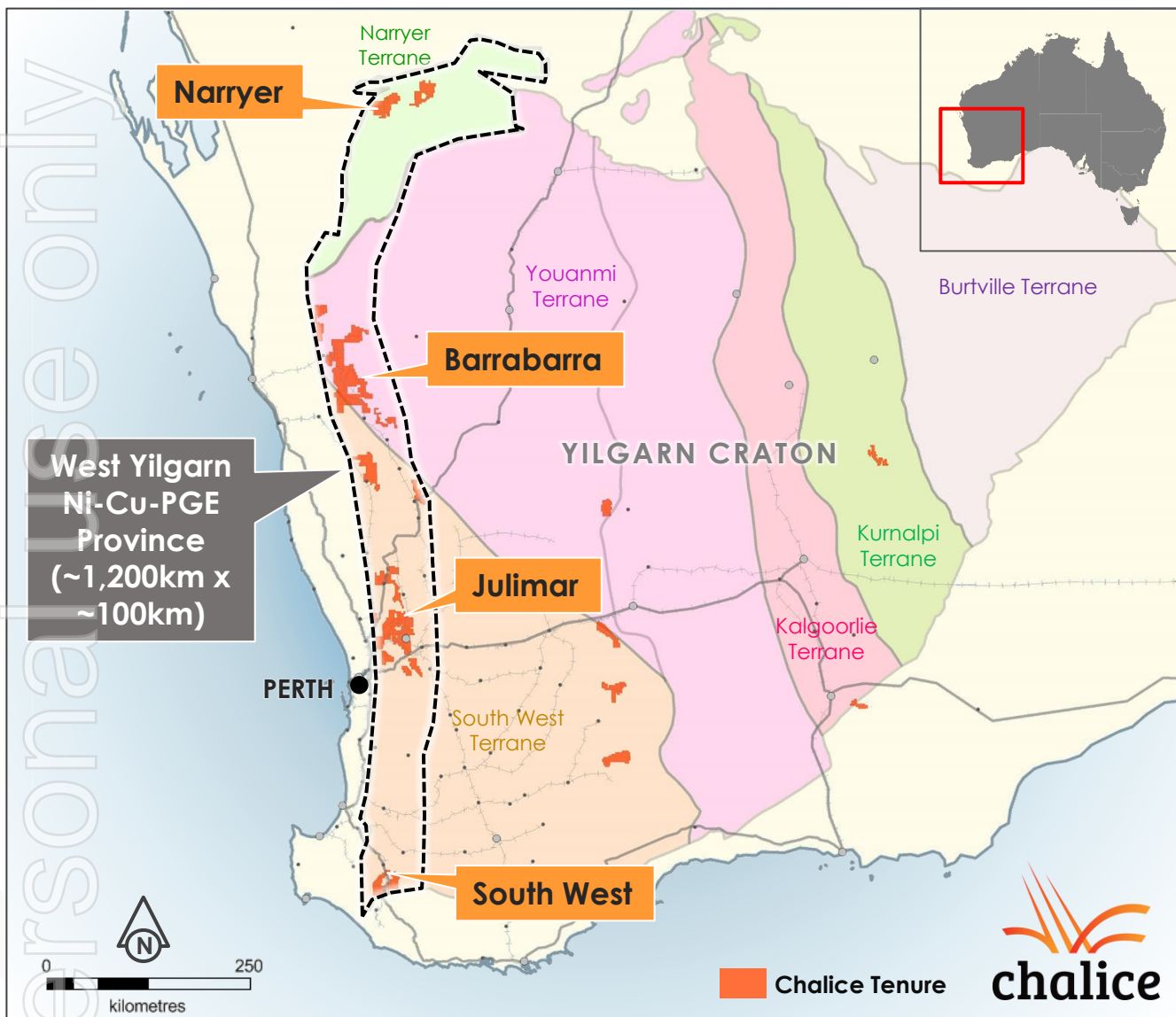
Accelerated resource drilling and preliminary studies underway – aiming to define a **maiden Mineral Resource in early Q4 2021**



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

1

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

2

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

3

A strategic discovery and new mineral province being advanced rapidly, ~A\$133M¹ in cash and investments and a team with an **excellent track record**

¹ As at 31 March 2021

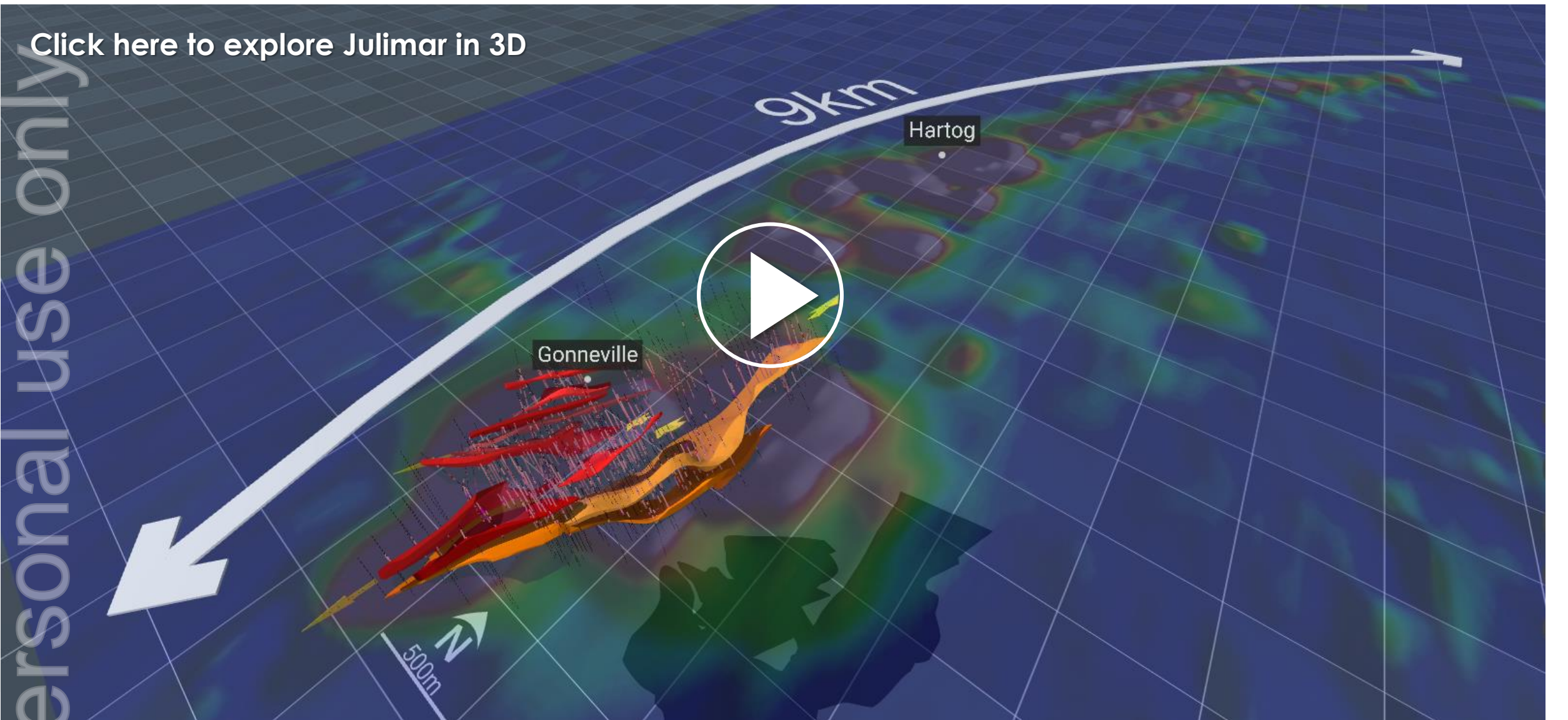


Drilling at Julimar Ni-Cu-PGE Project, Apr-2021

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



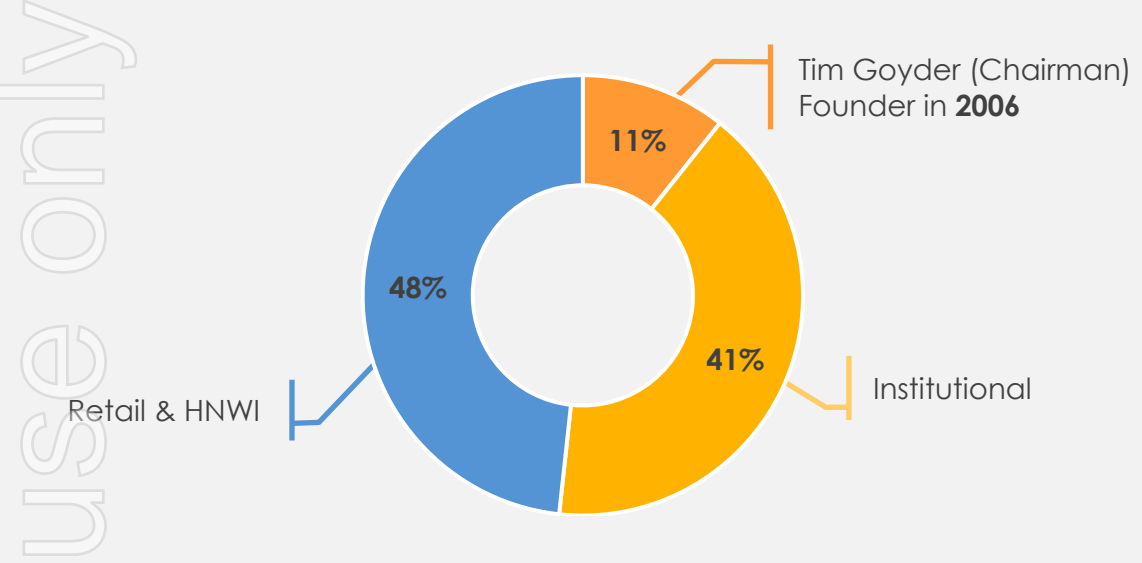


The Chalice Story

Appendix



Top Shareholders¹



Board of Directors	Key Management
Tim Goyder (Chairman)	Richard Hacker (CFO)
Alex Dorsch (Managing Director)	Kevin Frost (GM Exploration)
Morgan Ball (Lead Independent NED)	Bruce Kendall (GM Development)
Stephen Quin (Non-Exec Director)	Michael Elias (Study Mgr – Julimar)
Garret Dixon (Non-Exec Director)	Soo Carney (GM Env and Comm)
Stephen McIntosh (Non-Exec Director)	Jamie Armes (Co Sec)

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

Capital Structure and Financials

Equity listings ASX: CHN OTCQB: CGMLF	Shares out. 346.9M Shares (F/D) 361M	Market capitalisation ~A\$2.6B (@ A\$7.35ps)
Debt nil	Cash² ~A\$121M	Cash & Investments² ~A\$133M

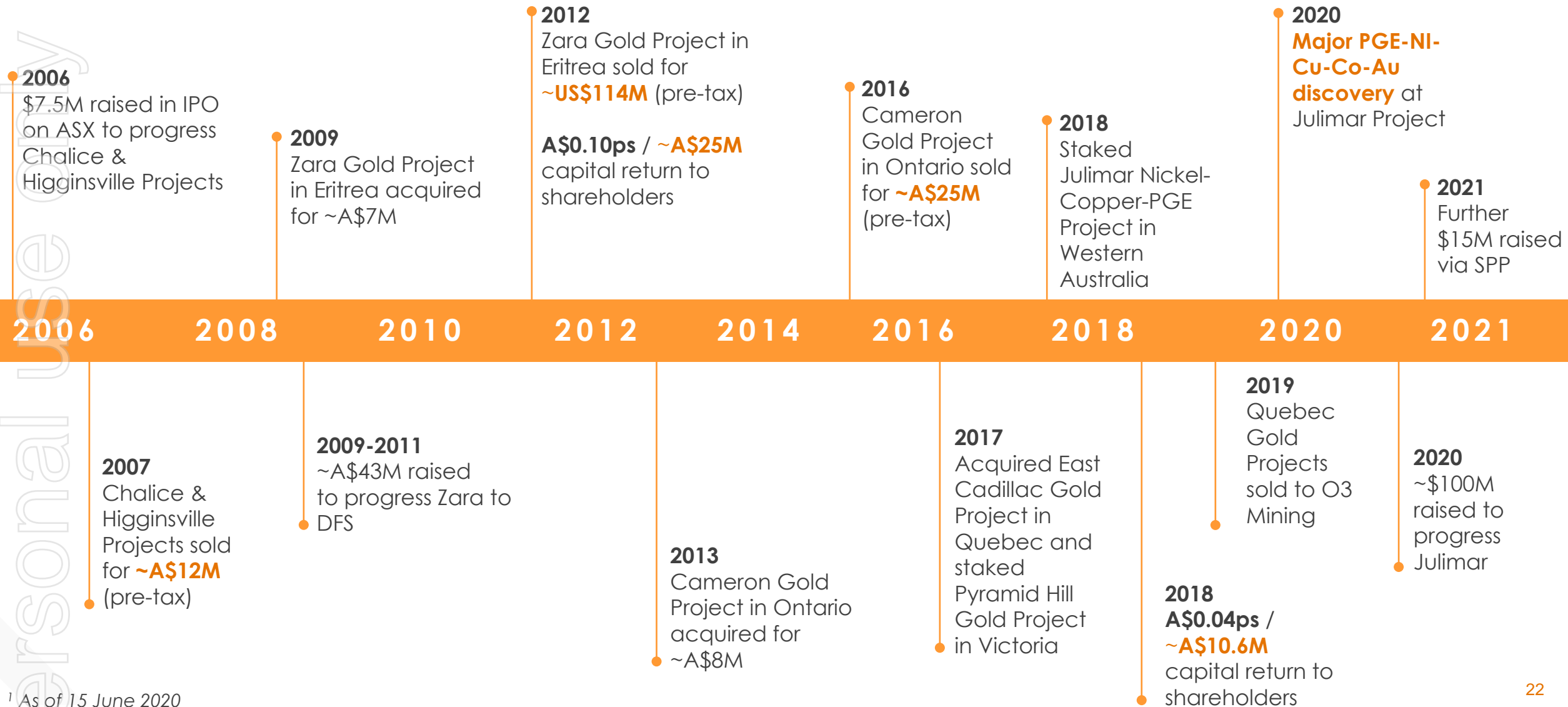
Key Investments	Position	Current Value
Caspin Resources (ASX: CPN)	6M (9.2%)	~A\$6M

Research Analyst Coverage	
Bell Potter	David Coates
Euroz Hartleys	Michael Scantlebury
Macquarie Bank	Hayden Bairstow
Mine Life Resources Bulletin	Gavin Wendt
Red Cloud Securities	Timothy Lee

² As of 31 March 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

ersonal use only



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
- **7 rigs** drilling, targeting maiden MRE in early 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
- **>1,800km²** 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*



We are a dynamic and entrepreneurial group with a **mix of technical and commercial expertise**

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

- 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 37+ years mining and exploration experience in Canada and across the globe
- Most recently President and CEO of Midas Gold Corp



Garret Dixon, Non-Exec Director

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



Stephen McIntosh, Non-Exec Director

- Highly regarded mining executive with 33+ years experience in exploration, major project studies and execution
- Formerly Group Executive and Head of Exploration with Rio Tinto

Key Management



Richard Hacker, CFO

- Chartered Accountant with 20+ years experience in junior company financing and 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+ 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



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

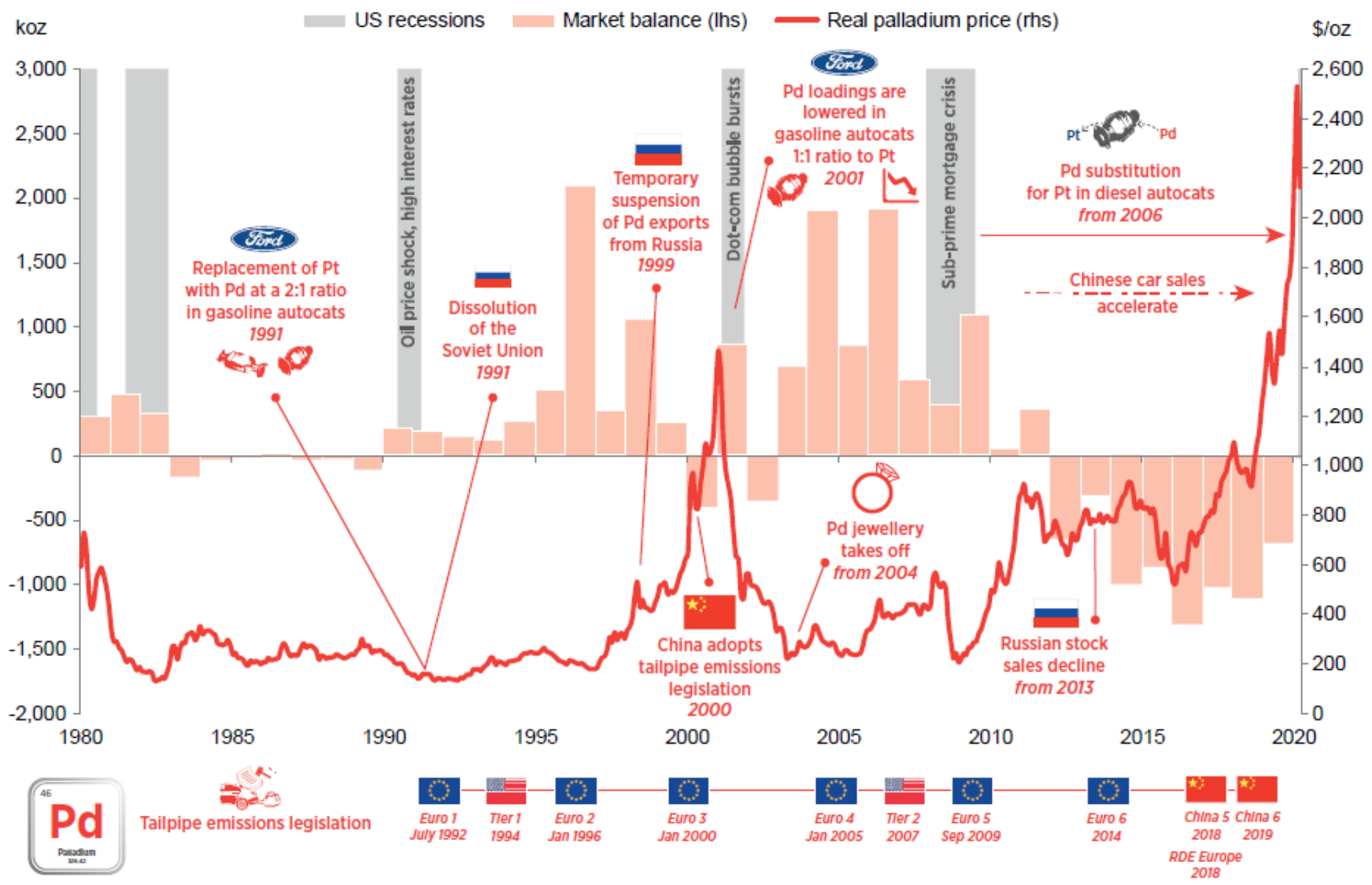


Expand our sustainability presence (environmental, social and governance) to uphold our social licence to operate

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



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Source: SFA (Oxford), Bloomberg

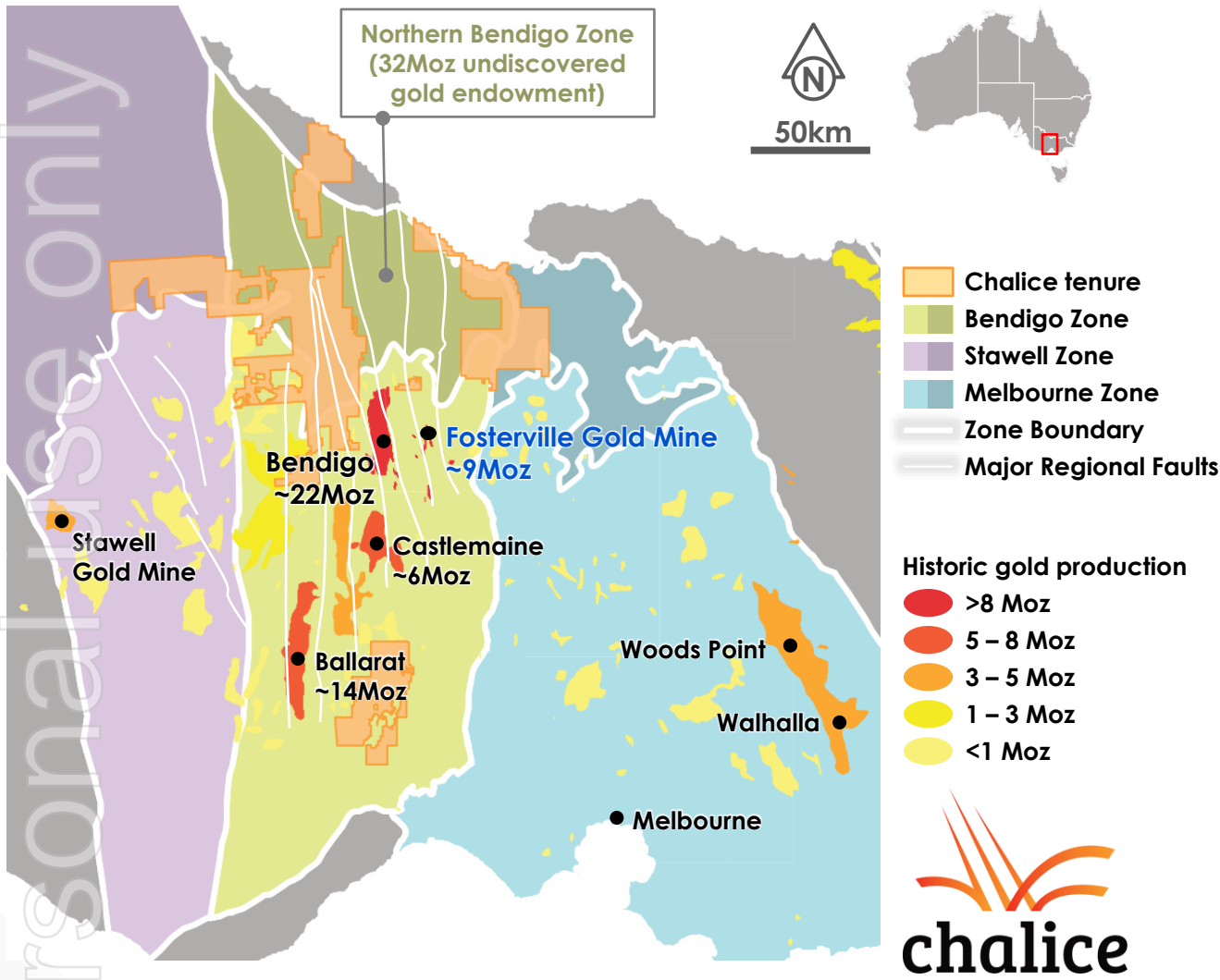
Pyramid Hill Gold Project

Victoria



Drilling at Pyramid Hill Gold Project, Oct-2019

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)

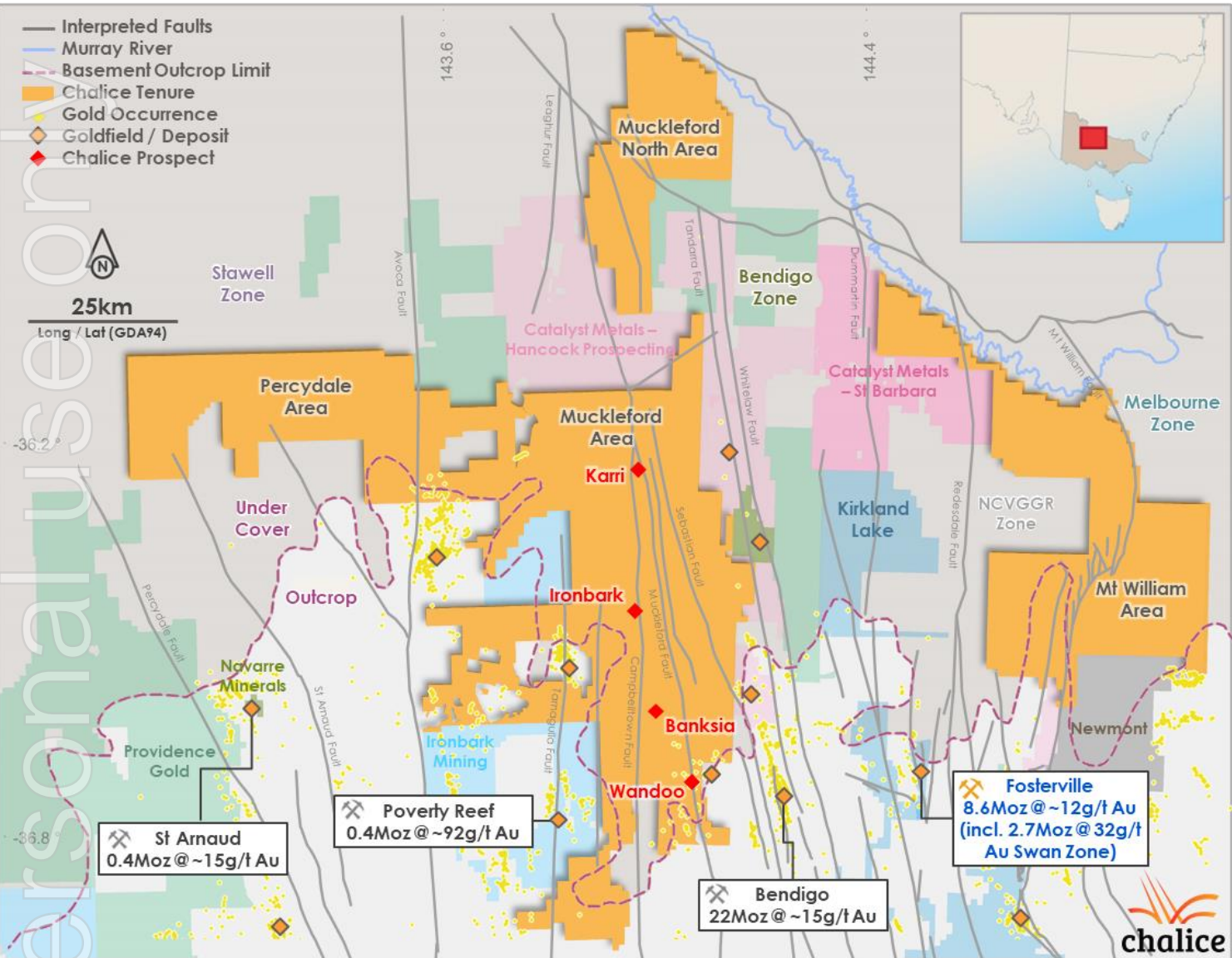
This area is under thin Murray Basin cover and is essentially unexplored – **the opportunity**

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

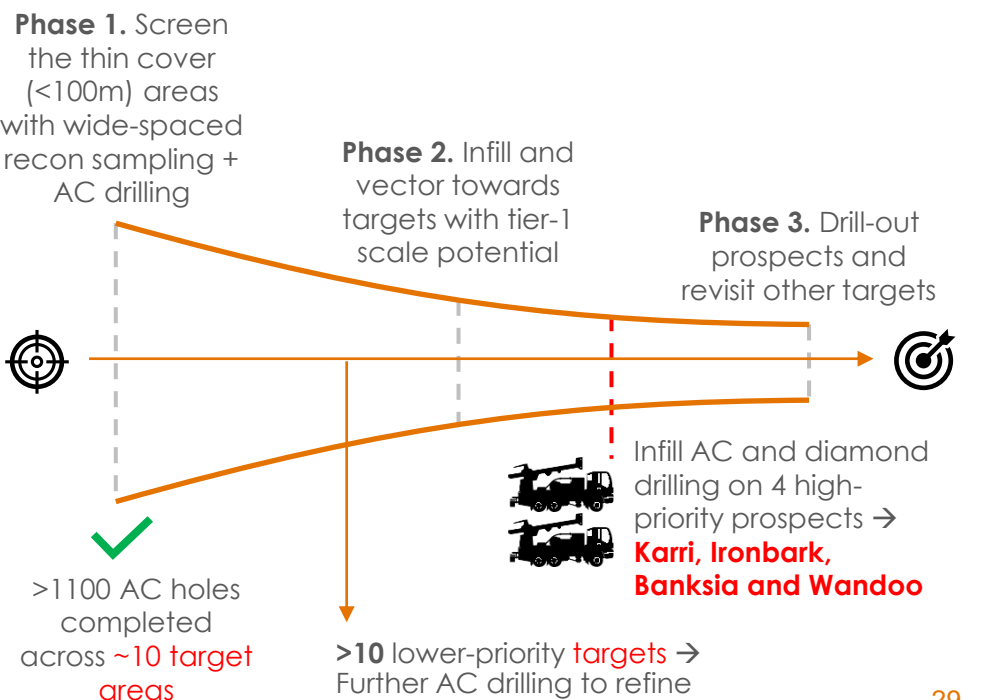
2020 Production	2020 operating cash costs guidance	Swan Zone Mineral Reserve (Dec-19)
~640koz at <u>~34g/t Au</u>	US\$130-150/oz	1.6Moz @ ~39g/t Au

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:





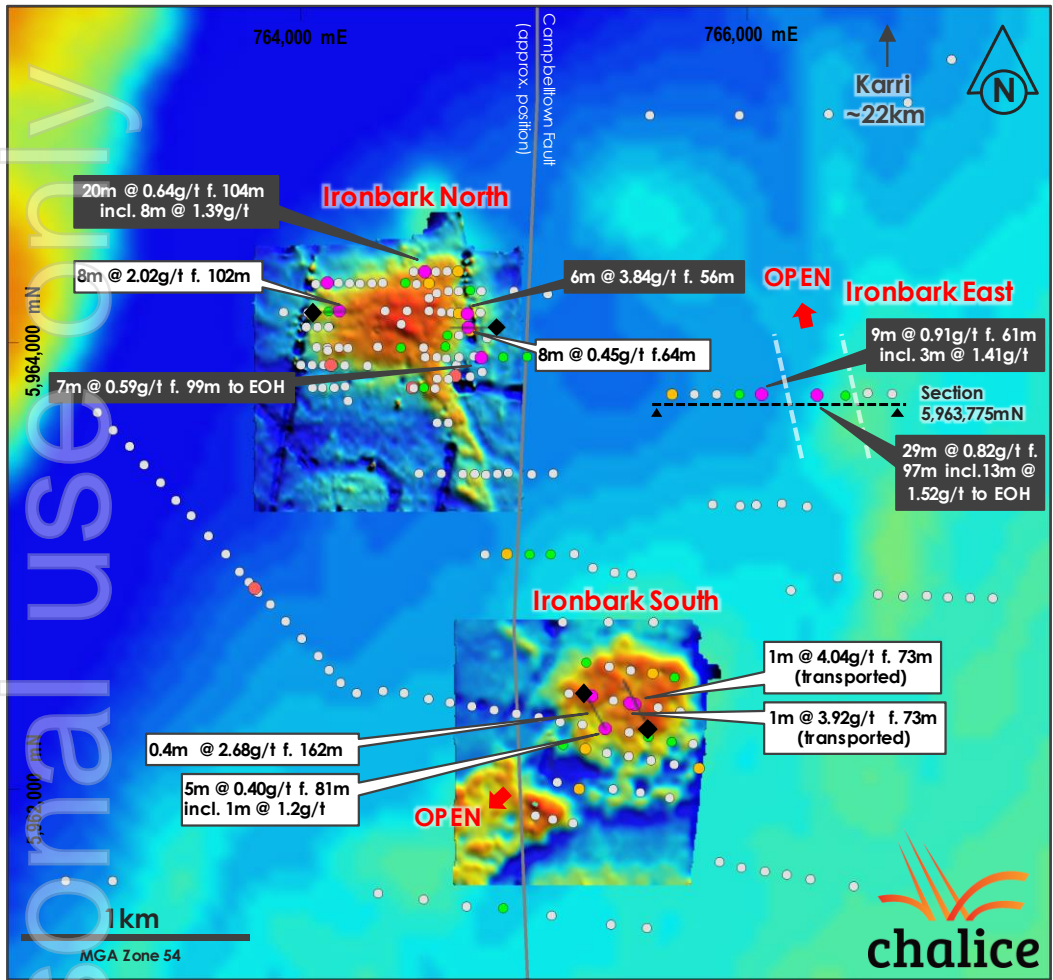
--- Major anticline axis
Granitoid

-



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**, favourable hosts for high-grade Walhalla-Woods Point style deposits

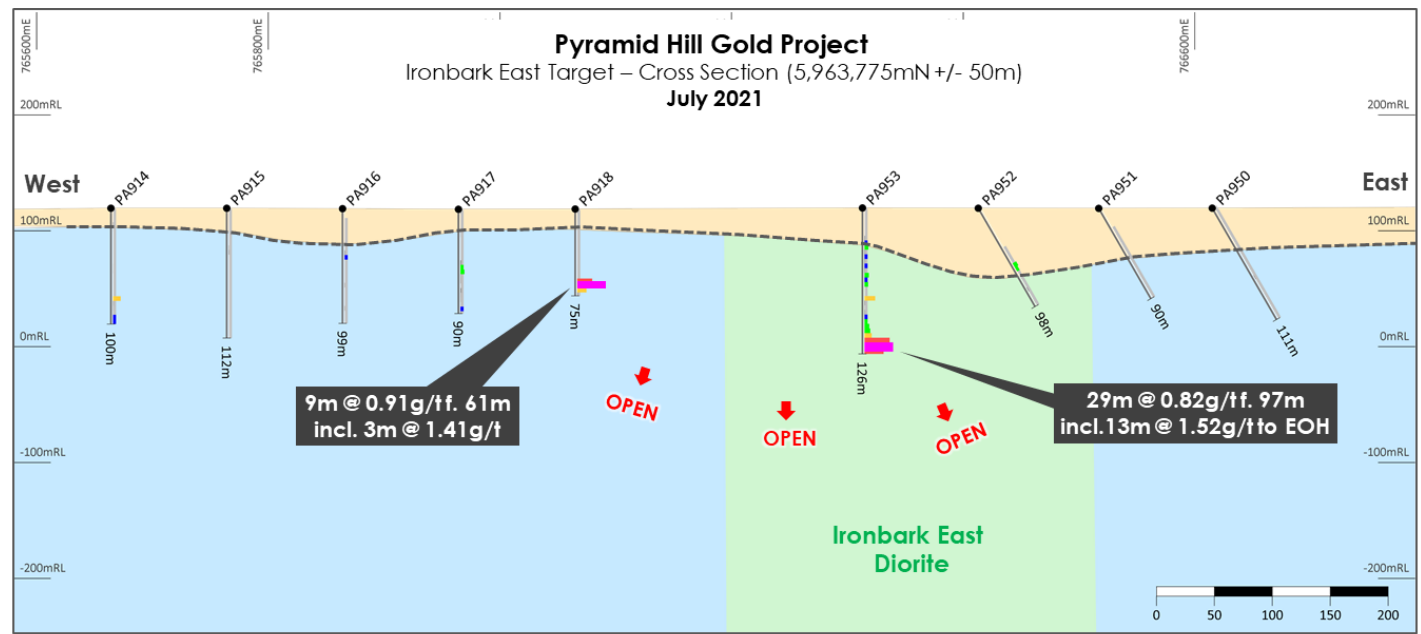


Pyramid Hill Gold Project
Ironbark Prospect Plan
View – Drilling over TM1
RTP Magnetics
July 2021

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)



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)



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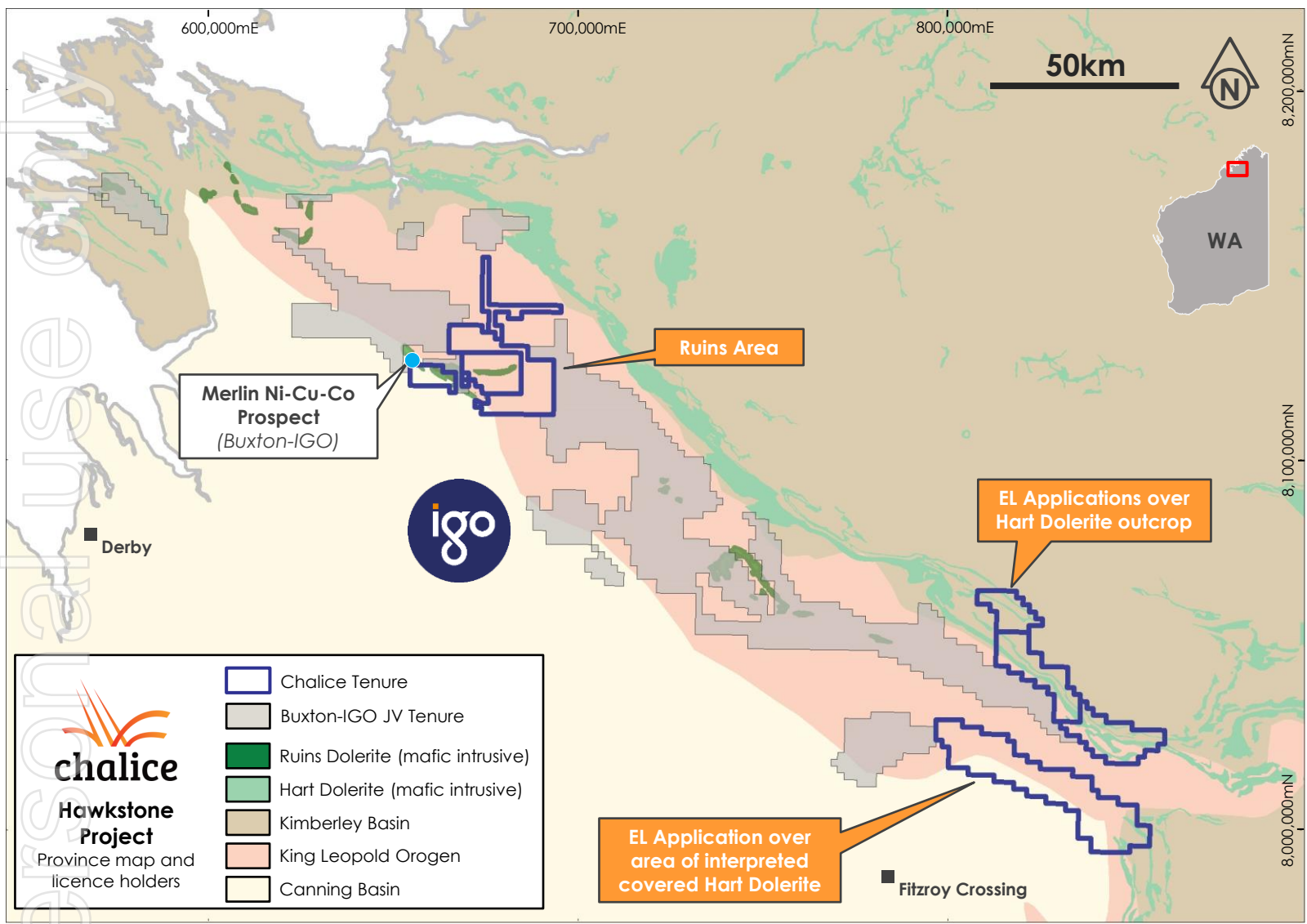
Hawkstone field reconnaissance, Jun-2019

Hawkstone Nickel-Copper- Cobalt Project

Western Australia



The Hawkstone Nickel-Copper-Cobalt Project covers **1,800km²** 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:

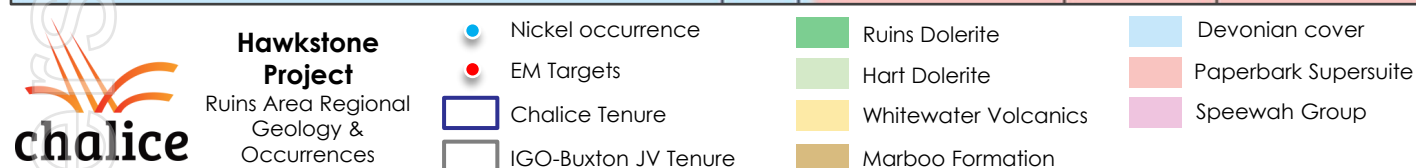
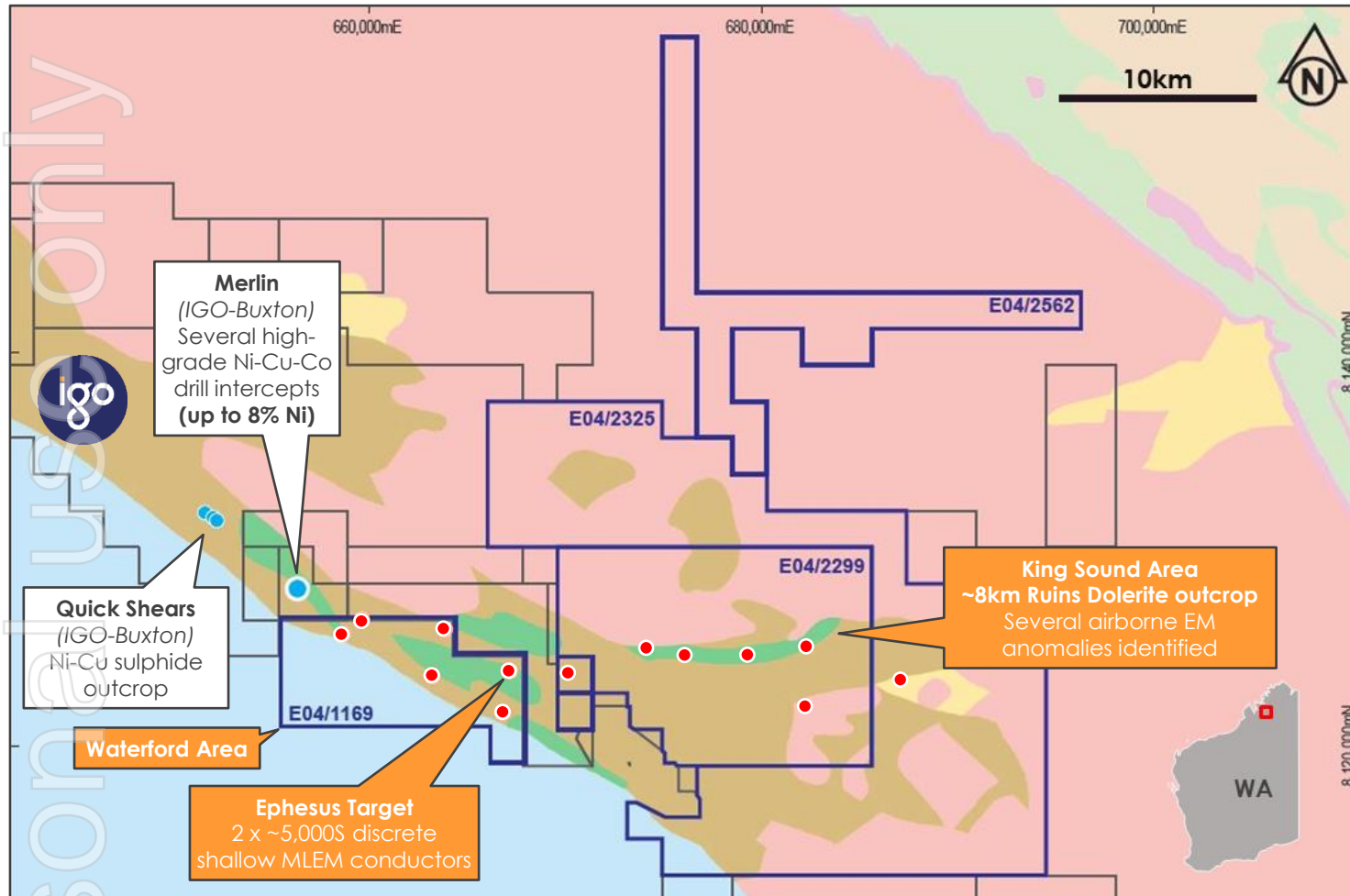
Ruins Dolerite

- 600km² Ruins Area acquired in June 2019
- Immediately SE of Merlin (proven host)

Hart Dolerite

- 1,200km² 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 planned in mid-2021

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

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ASX: CHN | OTCQB: CGMLF

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