



Exciting new Ni-Cu-PGE discovery in WA and an emerging gold province in Vic

Corporate Presentation – 17 August 2020

ASX: CHN | OTCQB: CGMLF

Forward looking statements and disclosures



This presentation does not include all available Information on Chalice Gold Mines Limited and should not be used in isolation as a guide to investing in the Company. Any potential investor should also refer to Chalice Gold Mines Limited Annual Reports, filings on sedar.com, and to ASX/TSX/OTCQB releases and take independent professional advice before considering investing in the Company. For further information about Chalice Gold Mines Limited, visit the website at chalicegold.com

Forward-Looking Statements

This document may contain forward-looking information within the meaning of Canadian securities legislation and forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 (collectively, forward-looking statements are made as of the date of this document and Chalice Gold Mines Limited (the Company) does not intend, and does not assume any obligation, to update these forward-looking statements. Forward-looking statements for future performance and reflect Company management's expectations or beliefs regarding future events and include, but are not limited to, the Company's strategy, the price of O3 Mining securities, the likelihood of exporation success including results of tuture geophysical surveys, drilling at the Company's projects and other exploration activities; the timing and costs of future exploration activities on the Company's exploration projects, the potential to define future mineral resources and economic conditions will not consider the company's exploration projects, the potential viability of any mineral resources of defined; planned expenditives and budgets and the execution thereof; the timing and amount of estimated future production, costs of production, capital expenditives, success of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "planning", "expects" or "does not expect", "is expected", "will", "may", "would", "potential", "budget", "estimates", "intends", "intend

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

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

- "Discovery of new >2km gold trend in air-core drilling at Karri Target indicates potential for a significant gold system", 12 December 2019
- "Several new gold zones discovered in first drill holes at Ironbark North Target", 19 December 2019
- "Karri gold trend expanded to over 3km of strike extent", 13 January 2020
- "Infill AC drilling at Karri returns best intercept to date of 4m at ~4g/t gold", 3 February 2020
- "New High-Grade Gold Zones at the Large-Scale Karri Target", 4 March 2020
- "First diamond drill hole at Karri hits primary gold zone", 7 April 2020
- "Maiden diamond drill program at the Pyramid Hill Gold Project confirms a large gold system at the Karri Prospect", 29 July 2020

The Information in this presentation that relates to exploration results for 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 chalicegold.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.

A unique, wellfunded exploration specialist





We have a proven generative model:

- Acquire, discover and define mines
 - Progress and divest assets with discipline

An excellent track record:

- A major greenfield PGE-Ni-Cu-Co discovery in WA
 - ~A\$110M¹ generated from asset sales
 - ~A\$36M returned to shareholders

A strong financial position:

- ~A\$54M¹ in cash + investments
 - Appetite + ability to hunt for 'company makers'

An unrivalled exploration portfolio:

 Dominant player in two of Australia's most exciting mineral provinces – the West Yilgarn Ni-Cu-PGE province (WA) and the Bendigo Zone (Vic)

¹ As of 30 June 2020

Chalice's portfolio includes an exciting **new discovery** in the new West Yilgarn Ni-Cu-PGE Province in WA, as well as two other district-scale projects





Julimar Nickel-Copper-PGE Project, WA



- New greenfield PGE-nickel-copper-cobalt sulphide discovery
- 19m @ 8.4g/t Pd, 2.6% Ni, 1.0% Cu, 0.1% Co in 1st hole
- 100% owned, unexplored intrusive complex ~70km NE of Perth

Pyramid Hill Gold Project, Vic



- New >4km gold trend + 2 gold bearing diorite intrusions
- >5,000km² holding NW and NE of Fosterville Gold Mine
- 100% owned, all under cover in unexplored terrane

King Leopold Nickel Project, WA



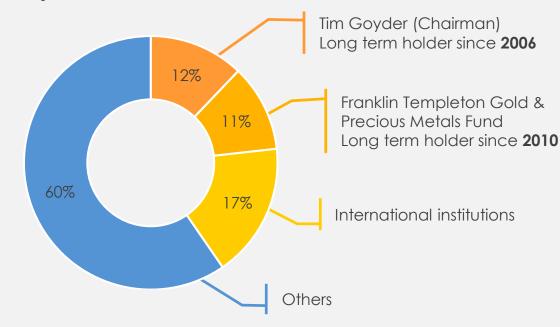
- New greenfield nickel sulphide opportunity in frontier province
- >1,800km² holding east of Merlin Ni-Cu-Co prospect (IGO/BUX)
- 85-100% owned, unexplored terrane



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

We have a **tight capital structure** and a **strong financial position**

Top Shareholders



Research Analyst Coverage

¹ As of 30 June 2020

Bell Potter Peter Arden

Bridge Street Capital Chris Baker

Euroz Securities Andrew Clayton

Mine Life Resources Bulletin Gavin Wendt

Red Cloud Securities Jacob Willoughby

Sprott Capital Partners Brock Salier

Taylor Collison Ryan Armstrong

Capital Structure and Financials

Equity listingsASX: CHN
OTCQB: CGMLF

Shares Out. 307.5M Shares (F/D) 325.1M Market capitalisation ~A\$324M (@ A\$1.06ps)

Debt nil **Cash**² ~A\$46M

Cash & Investments² ~A\$54M

Key Investments	Position	Current Value ²
O3 Mining (TSX-V: OIII)	3.1M (5.3%)	~A\$8.3M

Share Price & Volume Chart (CHN)





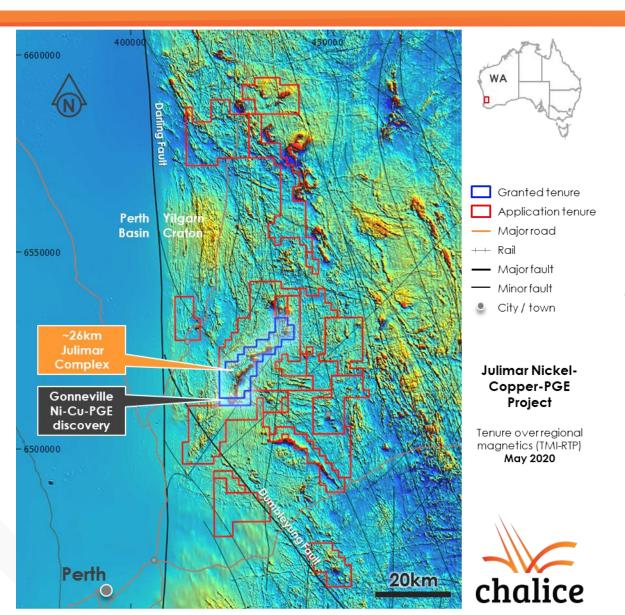
Julimar Nickel-Copper-PGE Project

Western Australia



High-grade PGE-Ni-Cu-Co intersected in the very first drill hole at Julimar, uncovering a remarkable new discovery in a completely new province



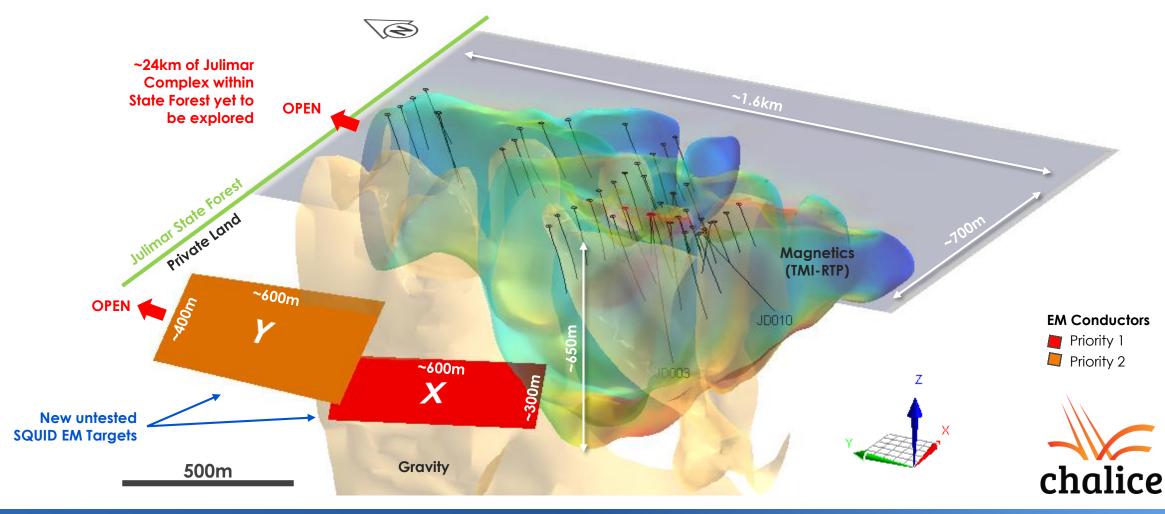


- ~1 hour drive NE of Perth, with direct access to **major** highway, rail, power and port infrastructure
- ~26km layered ultramafic-mafic intrusive complex
 (Julimar Complex) was staked in early 2018 (100% owned)
- Complex largely under cover and had never been explored for nickel-copper-PGEs

- Exploration initially focused on a ~1.6km x 0.7km lensshaped, magnetic feature at the southern end of the Complex (Gonneville Intrusion)
- First drill hole in March 2020 discovered wide, shallow zone of **high-grade PGE-nickel-copper-cobalt** mineralisation the start of a **new mineral province**
- Chalice then expanded its regional licence holding significantly with >2,000km² of new licence applications

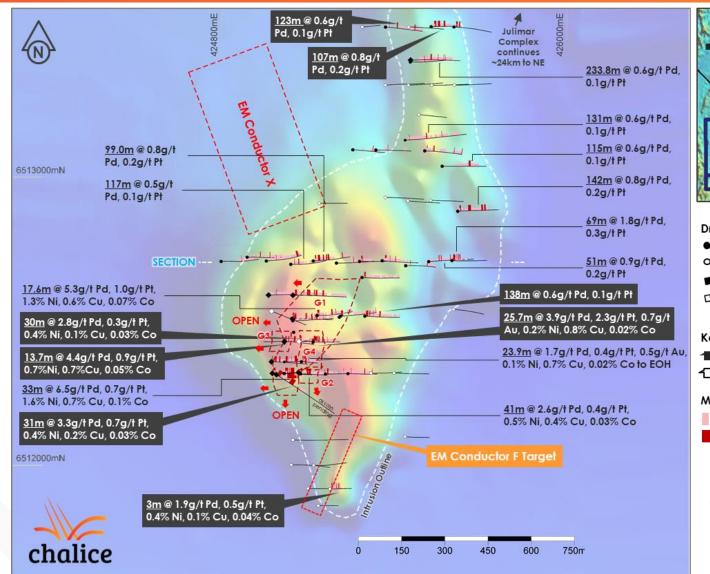
The Gonneville Intrusion is a ~1.6km x 0.7km 'chonolith' – a favourable geometry for large-scale orthomagmatic sulphide deposits globally

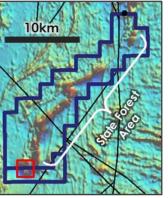




Gonneville is an exceptional new PGE-nickel-copper-cobalt discovery with the potential to deliver a world-class deposit







Drill holes

- RC assayed
- RC assays pending
- NDH-assayed
- Q DDH assays pending

Key drill intersections

- New
- **1** Pre∨ious

Mineralisation

- >0.3g/t Pd cut-off
- >1.0g/t Pd cut-off

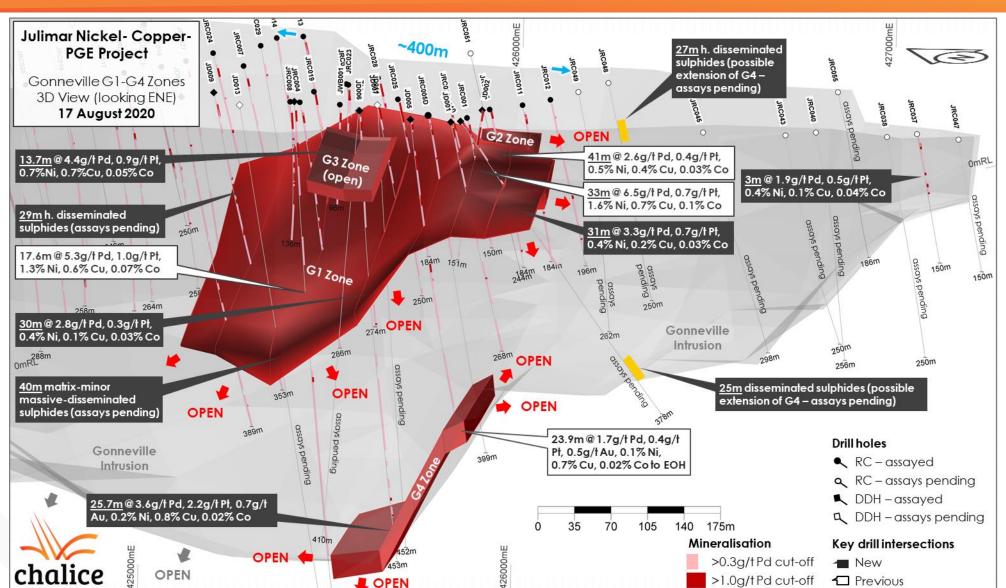
Julimar Nickel-Copper-PGE Project

Gonneville Intrusion Plan View (TMI-RTP Magnetics) 17 August 2020

- **High-grade** massive / matrix sulphide zones:
 - Up to ~30m wide over a ~400m x ~300m area
 - Grade range of 3-15g/t PGE-Au, 0.5-3.3% Ni, 0.4-4.5% Cu, 0.03-0.27% Co
 - All zones remain open → extensions being tested on an 80m x 80m grid
- <u>Every drill hole</u> has intersected wide Pd-rich disseminated sulphide intervals:
 - PGE mineralisation widespread within layered Intrusion, proven to ~450m
 - Grade range of 0.5-2g/t PGEs, 0.1-0.2% Ni, 0.05-0.15% Cu, 0.01-0.03% Co
- Oxide zone enriched in PGEs (1.2-4.5g/t PGEs) from surface to ~25m
- Chalice strategy to explore and define both high-grade and disseminated zones in parallel:
 - 2 RC rigs and 1 diamond rig drilling
 - SQUID EM / MLEM / DHEM all in use

Three high-grade zones recently extended with **new wide intercepts**, adding significant potential down-dip of G1 and along the footwall contact





G1 Zone – the discovery zone:

- ~5-40m wide
- 400m strike x up to 340m dip
- Potentially widening at depth
- Open at depth and to the south

G2 Zone:

- ~40m wide
- · Open to the south

G3 Zone:

- ~10-25m wide
- · Wide-open

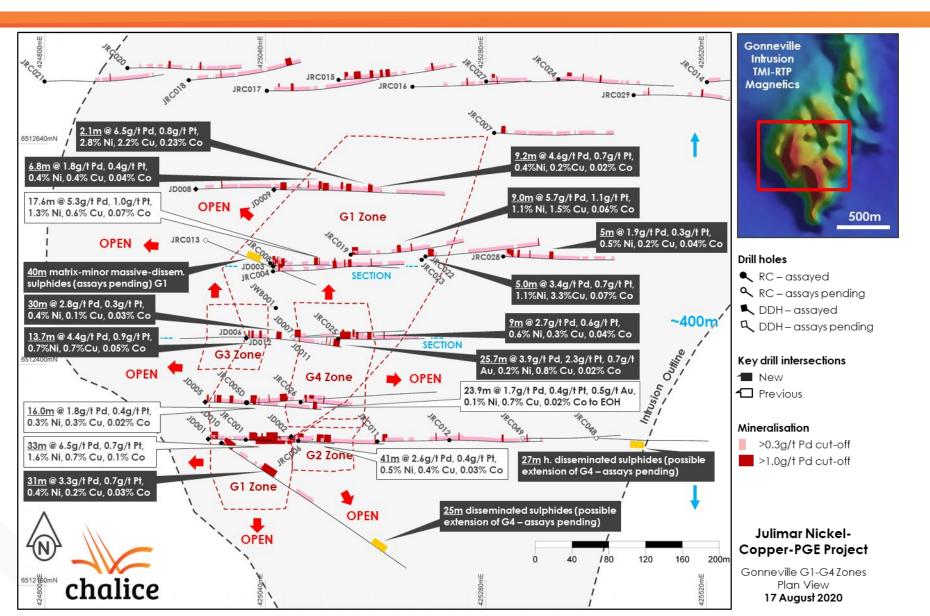
G4 Zone:

- ~20m wide
- 300m strike, unknown dip extent
- Wide-open
- Possible footwall contact position

 a new highly prospective target horizon

The four high-grade zones **remain open and have significant growth potential**; step-out drilling continues on a wide 80m x 80m grid





G1 Zone – the discovery zone:

- ~5-40m wide
- 400m strike x up to 340m dip
- Potentially widening at depth
- Open at depth and to the south

G2 Zone:

- ~40m wide
- Open to the south

G3 Zone:

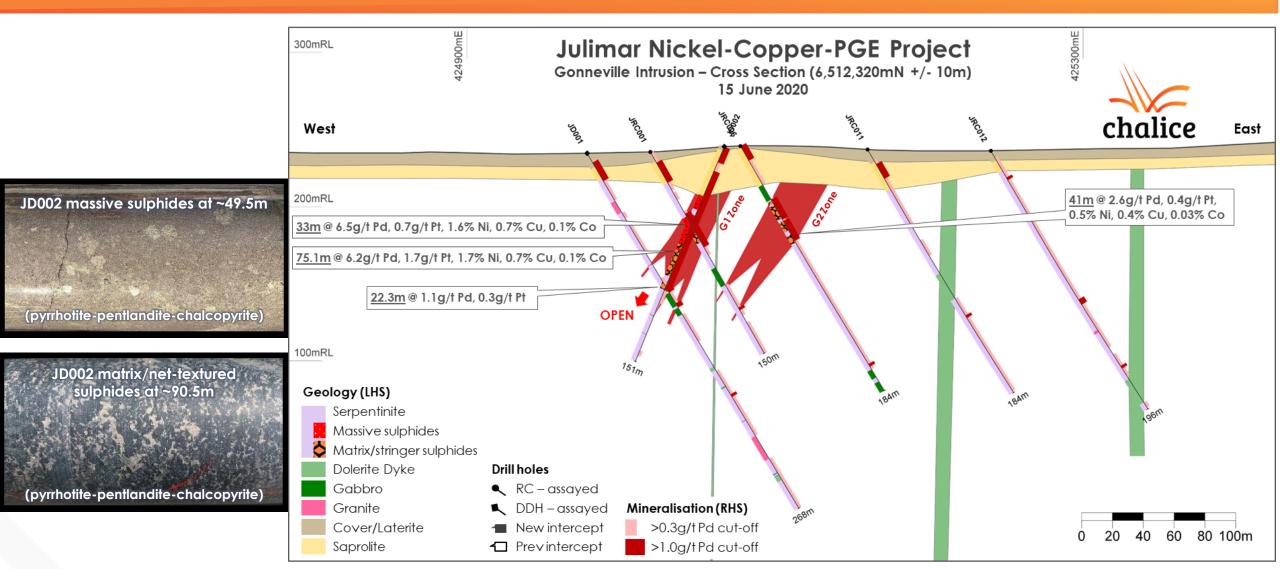
- ~10-25m wide
- Wide-open

G4 Zone:

- ~20m wide
- 300m strike, unknown dip extent
- Wide-open
- Possible footwall contact position → a new highly prospective target horizon

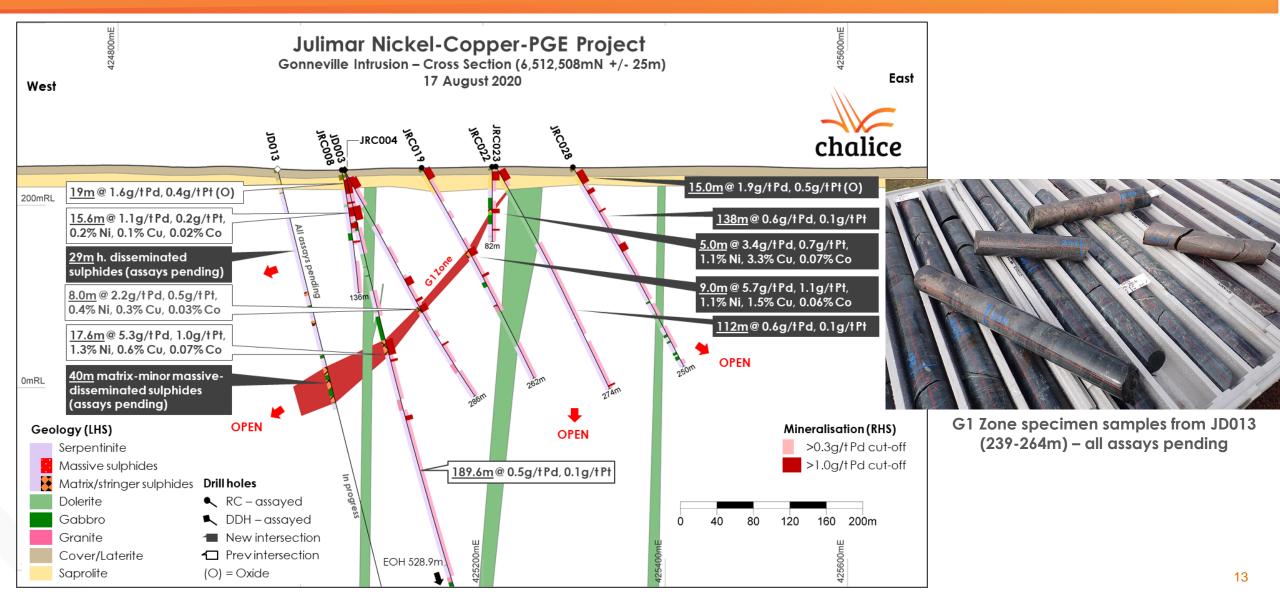
The high-grade G1 Zone is continuous over ~400m of strike and ~340m of dip extent and hosts shallow Pd-Ni rich sulphides





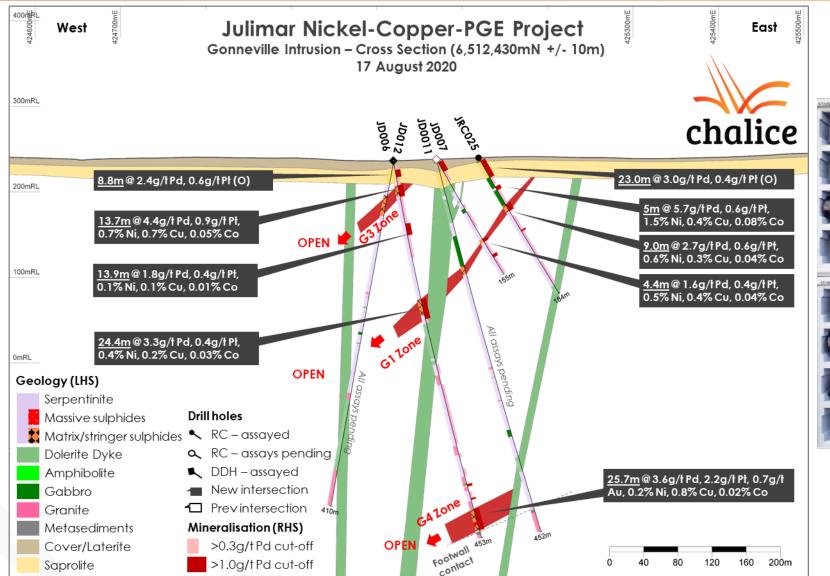
The G1 Zone appears to be widening down-dip to the west, and remains open at depth and open along strike to the south





The high-grade PGE-Cu-Au dominant G4 Zone appears to be associated with the highly prospective footwall contact of Gonneville Intrusion



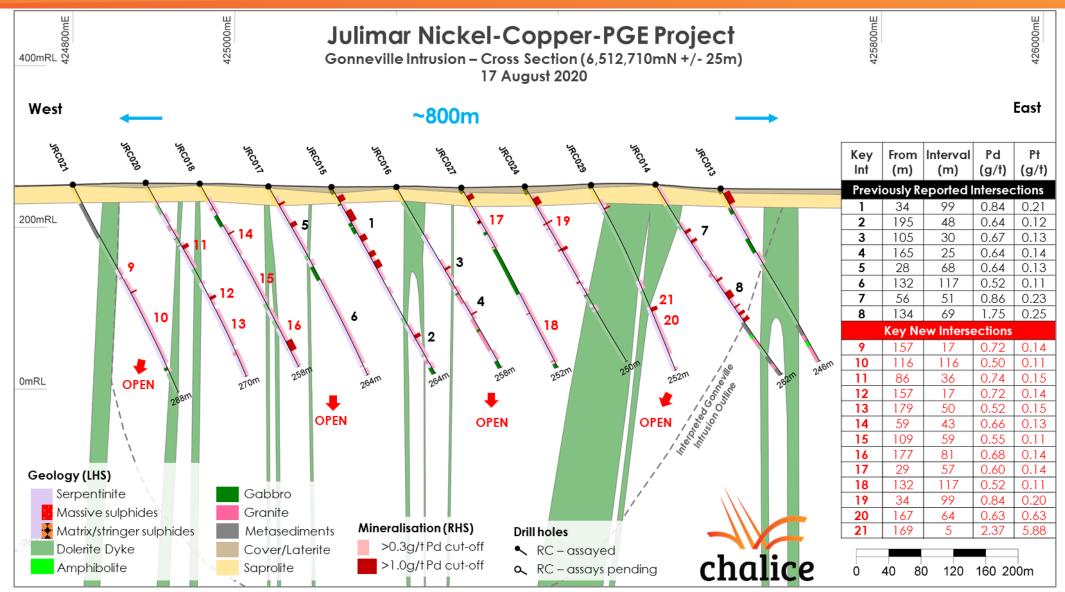




G4 Zone core photos from JD005 (314-321m), ~80m south of JD006 – 10.1m @ 2.9g/t Pd, 0.6g/t Pt, 1.2g/t Au, 0.1% Ni, 1.3% Cu, 0.01% Co

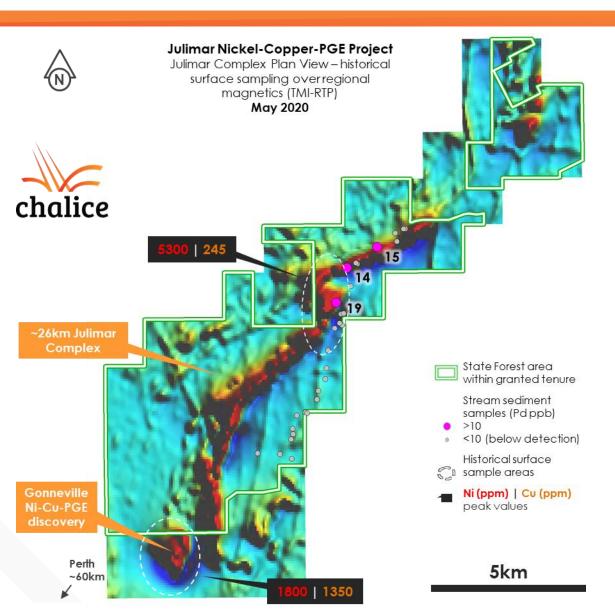
The wide PGE-Ni-Cu intervals intersected in every drill hole to date indicate the potential for a very large-scale deposit





The Julimar Complex extends a further ~24km north-east of Gonneville and is yet to be explored (access pending)



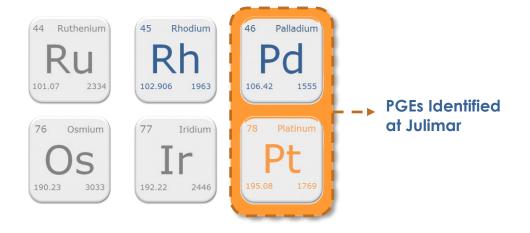


- Vast majority of the Julimar Complex lies within the Julimar State Forest
- Entire complex on Chalice's granted tenure
- Approval process to gain access underway
- Key target ~10km NE of Gonneville possible magmatic feeder zone:
 - Anomalous Ni/Cu/Pd in soils suggests prospective ultramafic geology
 - Discrete magnetic signature, similar to Gonneville
 - Feeder zones considered highly prospective for Ni-Cu-PGE sulphides
- → Airborne EM to be flown in August 2020 over entire area

Strong demand growth and lack of new sources of supply is driving the critical metal Palladium to record highs



The Platinum Group Elements (PGE):

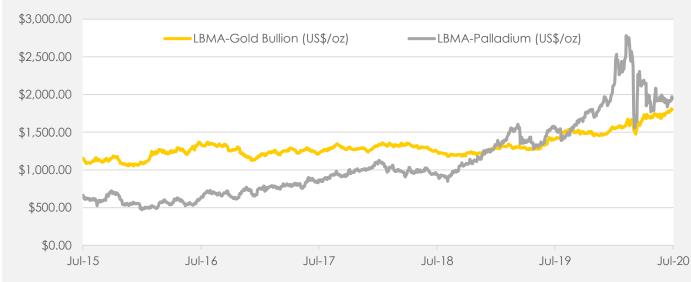


- The most dominant use of PGEs (+70%) is in automotive catalytic converters (pollution control devices)
- Future opportunities are positive in electrification of transport – hybrid and fuel cell vehicles
- Minimal PGE production in Australia a
 'critical mineral' of strategic importance

Palladium Market

- Pd in deficit for nine consecutive years recent record price of U\$\$2,856/oz reached in Feb 2020
- Demand growth (>11.5Moz in 2019) largely driven by gasoline and gasoline-hybrid vehicles
- Supply (~10.8Moz in 2019) predominantly sourced from mines in Russia and South Africa (+75%) – very few new discoveries worldwide

Gold vs Palladium Spot Price



*Source: S&P Global 10 July 2020

Accelerated drilling and metallurgical testwork program underway – aiming to define a maiden Mineral Resource by June 2021



2020	Jul A	ug Sept	•	Oct	Nov	Dec
Julimar Project, WA						
Access Approvals	Julimar State Forest CMP Stage 1					
Geophysics	DHEM	Julimar State Forest Airborne EM				
Soil Sampling				Julimar State Fo	rest (access pending)	
RC Drilling	200x80m Disseminated ~11,000m	80m x 40	80m x 40m High-grade + 100x80m Disseminated ~30,000m			
Diamond Drilling	80x80m High-grade + New E Targets ~2,250m	M	80x40m High-grade ~6,000m			
MRE / Metallurgy / Mining Studies	Prelim Rougher Floatation Testwork		Flotation testwork / optimisation			



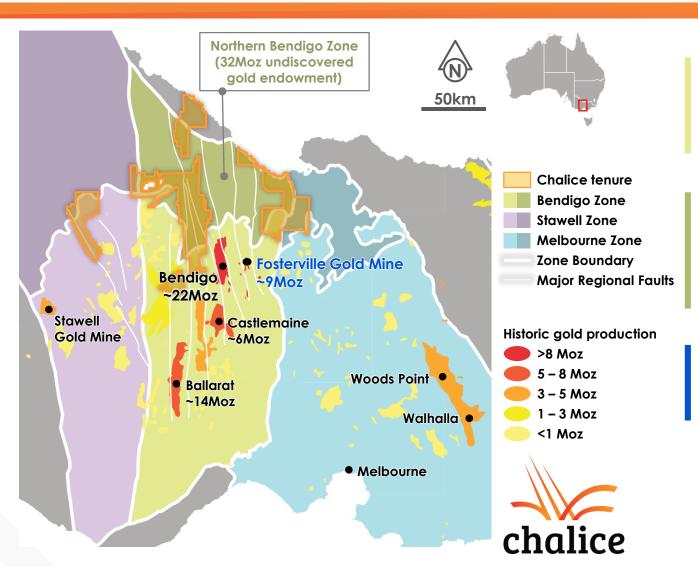
Pyramid Hill Gold Project

Victoria



Why the Bendigo gold district of 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 Undercover' estimate)

This area is essentially unexplored – the opportunity

Historic region capturing global attention again thanks to Kirkland Lake Gold's **ultra high-grade Fosterville Gold Mine**:

2019 Production

~619koz at ~40g/t Au

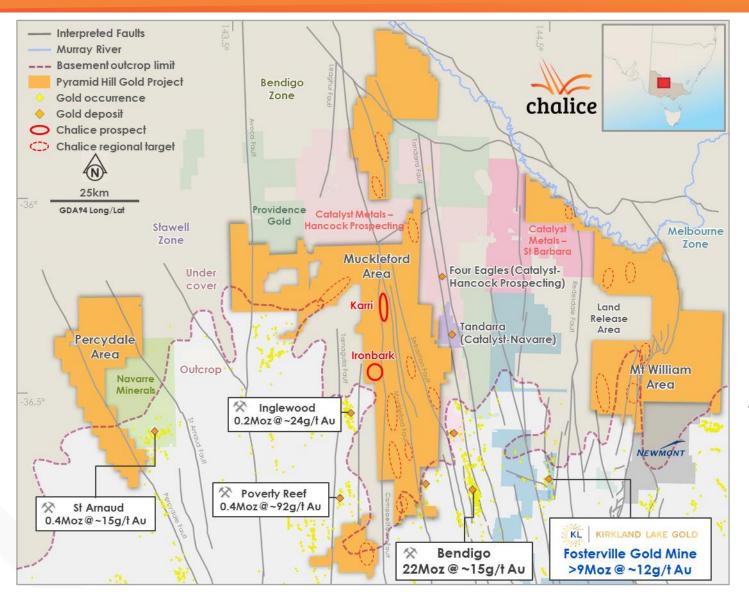
2019 operating cash costs guidance

US\$130-150/oz Dec-18 Mineral Reserve

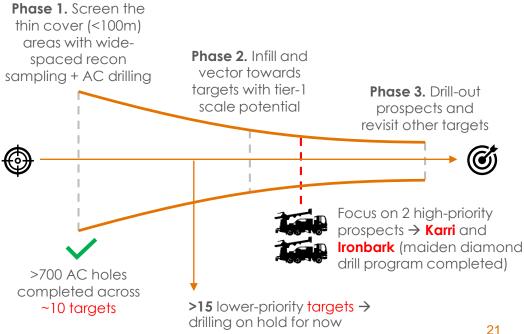
2.7Moz at 31.0g/t Au

Chalice has adopted a systematic value-add approach - 'find the big gold systems first'



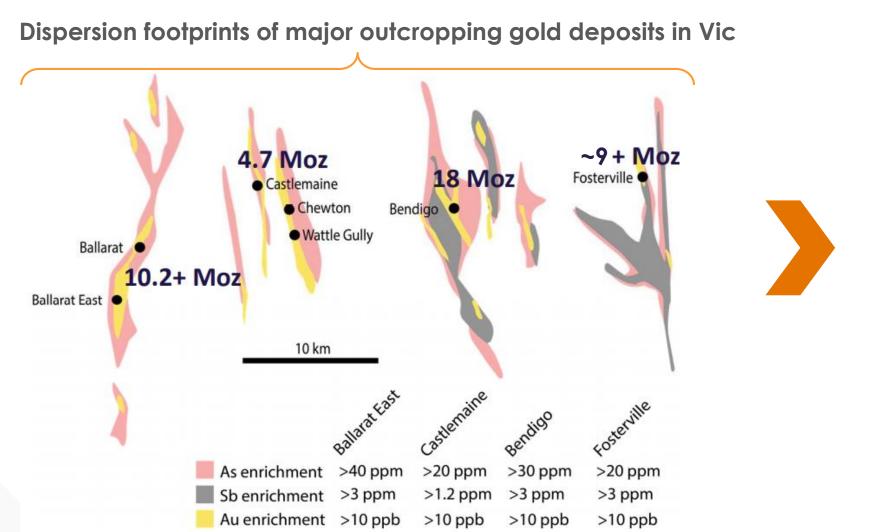


- Our Project covers hundreds of kilometres of prospective strike:
 - Muckleford (>300km)
 - Mt William (>75km)
 - Percydale (>40km)
- Prior to Chalice most areas essentially un-drilled
- Our **regional-scale** activities commenced in mid-2018:



Dispersion of gold and pathfinder metals such as arsenic and antimony is used to **vector towards gold** under cover



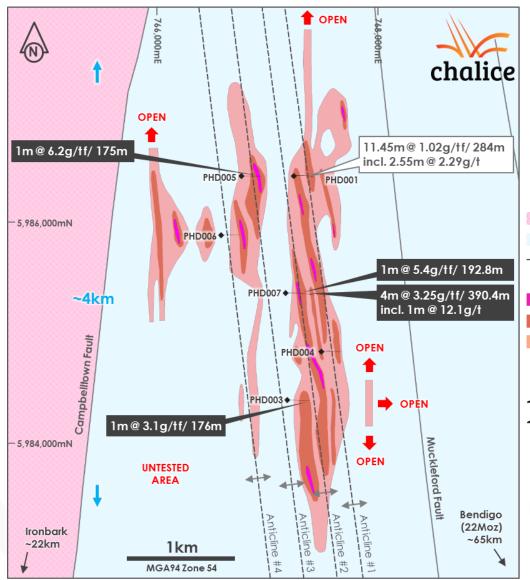




Identifying <u>continuous</u>
dispersion over <u>kilometres</u> a
good indicator of a **large gold system beneath...**

Initial geological holes have confirmed a large gold system at depth below the >4km long gold trend at the Karri Prospect





- Muckleford Area

 • Karri Ironbark

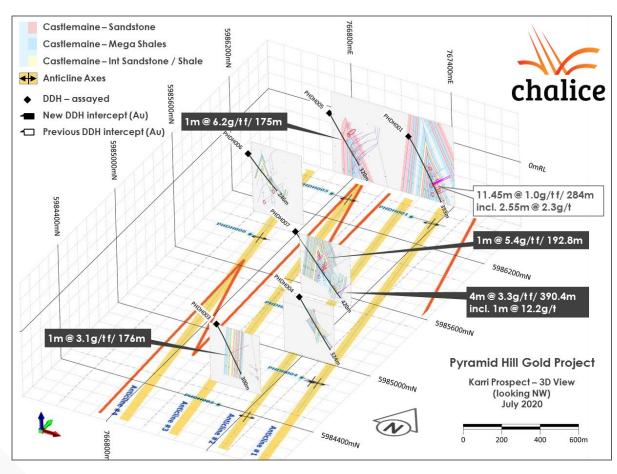
 25km
- Granitoid
 - Castlemaine Group
- ---- Anticlinal Axes
 - **AC Drilling contours**
 - >1.0g/t gold trend
 - >0.1g/t gold trend
 - >0.025g/t gold trend
- DDH assayed
- New DDH intercept (Au)
- Previous DDH intercept (Au)
- Pyramid Hill Gold Project

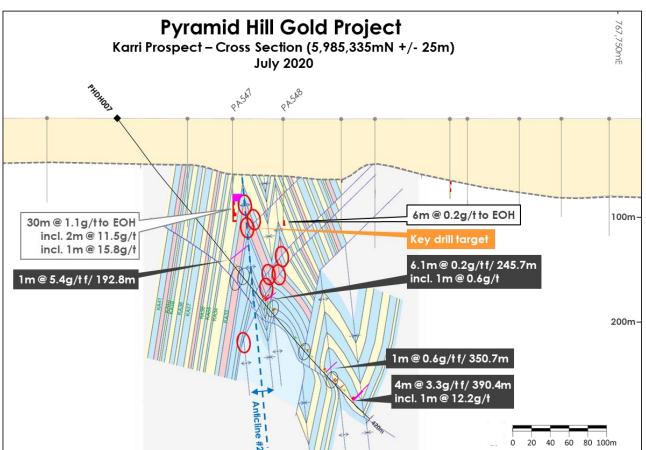
Karri Prospect – Plan View Drilling over Geology July 2020

- Maiden 6 hole diamond program for structure / geology recently completed
- First ever test at depth into a 'blind target'
- All six diamond drill holes intersected tightly folded, upright stratigraphy and primary gold mineralisation.
- Several strike extensive anticlinal structures identified (typical geological setting for highgrade gold deposits in the region)
- Anomalous gold intersected in all holes
- Several high-grade gold zones intersected
 ~1-2km apart
- Results indicate **potential for a tier-1 scale gold system**
- Diamond drilling to resume in late Q3 2020

The initial diamond holes have provided **compelling targets** for the next phase of diamond drilling







So why invest in Chalice?

The new Ni-Cu-PGE discovery at Julimar in WA has significant scale potential and has opened up a new mineral province – resource drill-out underway

Early exploration at the Pyramid Hill Gold Project in Vic has identified exceptional scale targets, close to Fosterville and along strike from world-class goldfields

>A\$110M generated from asset sales, ~A\$36M returned to shareholders to date and ~A\$54M¹ in cash and investments – an excellent track record







Thank You

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ASX: CHN | OTCQB: CGMLF



The Chalice Story

Appendix

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



\$7.5M raised in IPO on ASX to progress Chalice & Higginsville Projects

2009 Zara Gold Project in Eritrea acquired for ~A\$7M

2010

2012Zara Gold Project in Eritrea sold for ~US\$114M (pre-tax)

A\$0.10ps / ~**A\$25M** capital return to shareholders

2012

2016

2016

Cameron
Gold Project
in Ontario sold
for ~A\$25M
(pre-tax)

2018
Staked
Julimar NickelCopper-PGE
Project in
Western
Australia

2018

2020 Major Ni-Cu-PGE discovery at Julimar Project

2020
A\$30M raised
to progress
Julimar

2007Chalice &
Higginsville
Projects so

2006

Higginsville Projects sold for ~A\$12M (pre-tax)

2008

2009-2011

~A\$43M raised to progress Zara to DFS

2013
Cameron Gold
Project in Ontario
acquired for
~A\$8M

2014

2017

Acquired East Cadillac Gold Project in Quebec and staked Pyramid Hill Gold Project in Victoria 2019
Quebec Gold
Projects sold to
O3 Minina

2020

2018
A\$0.04ps /
~A\$10.6M
capital return to
shareholders

¹ As of 15 June 2020

We are a dynamic and entrepreneurial group of accomplished mine finders and disciplined commercial managers





We have people who know how to <u>find mines</u>...





People who know how to finance and commercialise them



Dr Kevin Frost GM – Exploration, BSc (Hons) PhD MAIG

 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)



Tim Goyder Executive Chairman

- 40+ year industry veteran with track record of success as an investor, entrepreneur and company director
- Founder and largest shareholder of Chalice (~12%)



Bruce Kendall GM – Development, BSc (Hons) MAIG

 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)



Alex Dorsch Managing Director, BEng (Hons), BFin

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



Supported by a significant team of staff project geologists and mining consultants



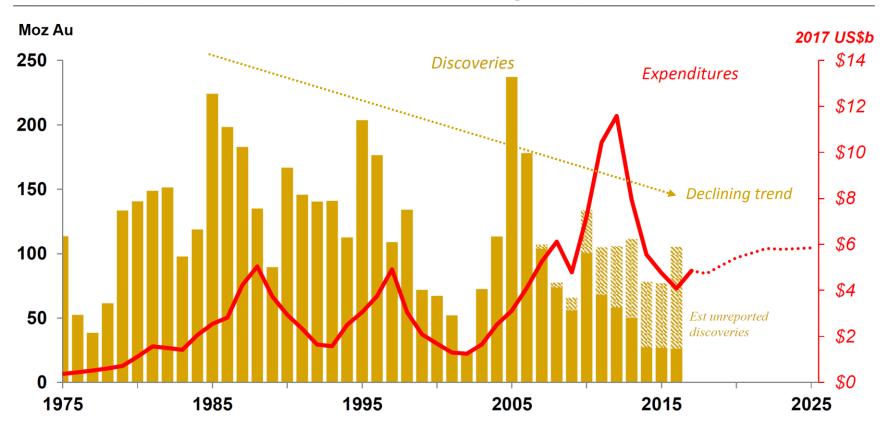
Richard Hacker Chief Financial Officer, BCom, ACA, ACIS

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

Our strategy is to systematically acquire and explore in premier terranes; aiming to address the rapid decline in tier-1 scale discoveries worldwide



Exploration Expenditures and Primary Gold discovered globally



Tier-1 scale discoveries (>US\$1bn NPV) now represent only ~2% of all discoveries worldwide; Only one in Australia in last 10 years (Swan Zone at Fosterville)

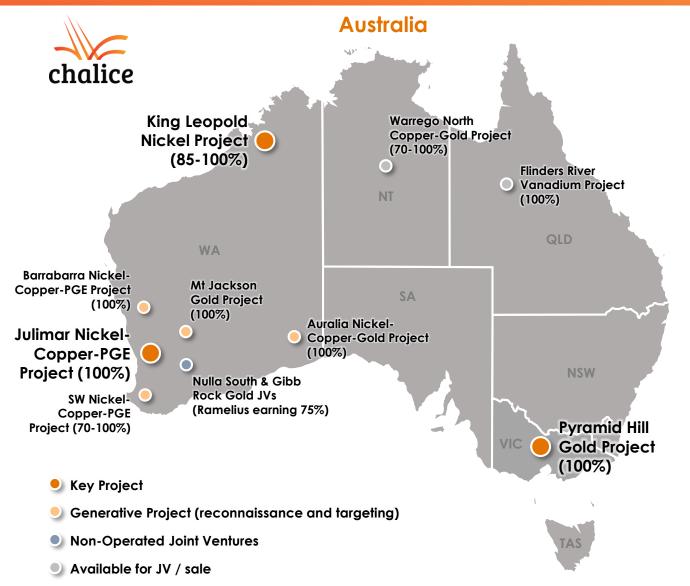
Peaks in discoveries precede the peaks in exploration spend. So the best time to get in [to explorers], is when exploration spend bottoms out and starts rising... which is now!

MinEx Consulting, Nov 2018



Chalice's portfolio includes **key district-scale gold and nickel projects** as well as several royalties, investments and non-operated JVs





Royalties

- Nyanzaga, Tanzania A\$5 million payment receivable upon commercial production from Orecorp Limited (ASX: ORR)
- East Cadillac, Quebec 1.0% NSR partial
- Kinebik, Quebec 1.0% NSR
- Ardeen, Ontario 0.12-1.0% NSR partial
- Cameron, Ontario 1.0% NSR partial
- Jericho, WA 1.0% NSR capped
- Bunjarra Well, WA 1.0% NSR capped

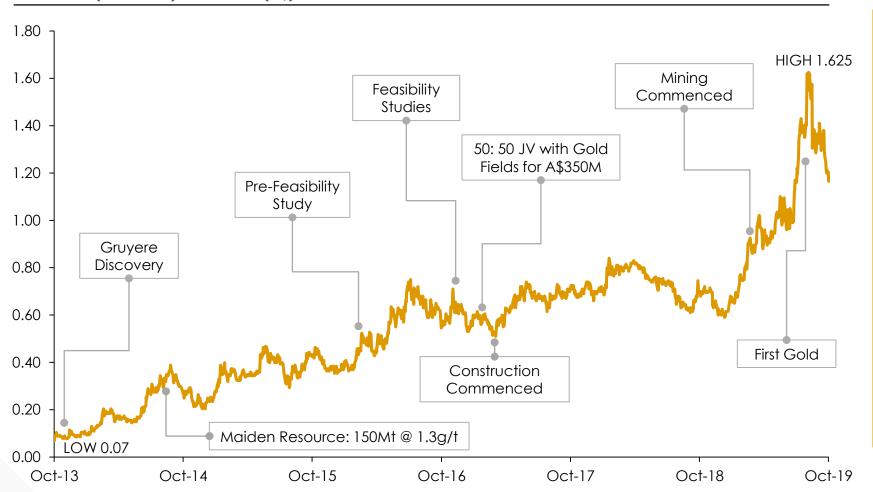
Key Investments

• ~3.1M shares (~5%) in O3 Mining Inc. (TSX-V: OIII)

Gold Road Resources (ASX: GOR) started with greenfield exploration in an underexplored belt and are now a >A\$1Bn company



Gold Road (ASX: GOR) Share Price (A\$)



- The Gruyere discovery was located in a similar underexplored yet proven mineral province
- 50:50 JV partner with Gold Fields (NYSE: GFI) – a major global miner
- Sale provided GOR with A\$350 million in cash plus a 1.5% Net Smelter Return royalty
- Gruyere has a 12yr mine life at 300koz p.a. and is cashed up for new exploration opportunities
- A recent and highly relevant example of how a junior explorer grew rapidly off the back of a single discovery

32



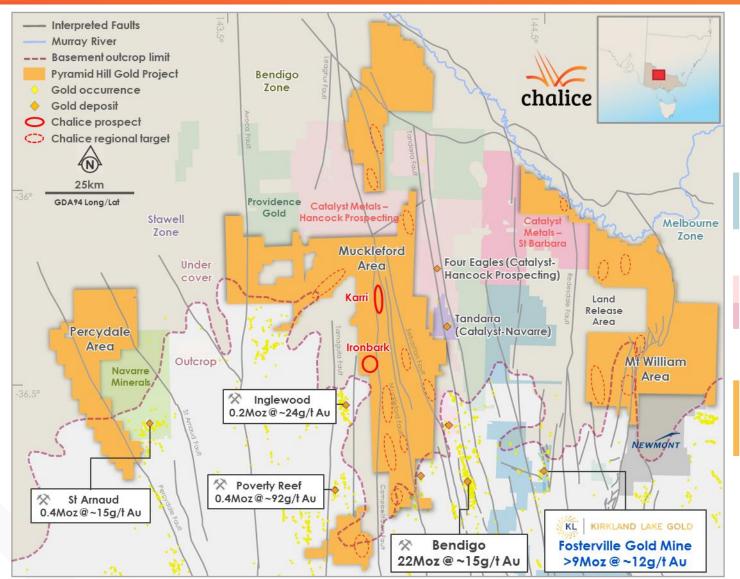
Pyramid Hill Gold Project

Appendix



Chalice has staked a >5,000km² essentially unexplored land holding surrounding two world-class gold deposits





Chalice is in good company in the district, with the entire **Northern Bendigo Zone** essentially consolidated by a handful of majors and juniors...











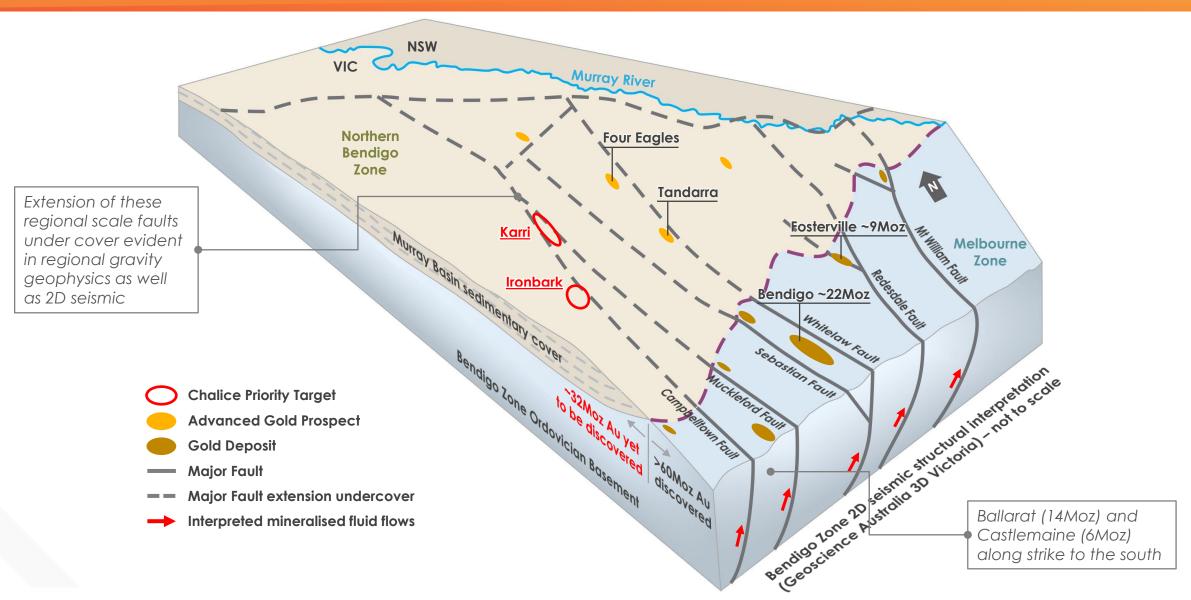




... the success of Fosterville has attracted significant new players into the district and Chalice has positioned itself early

The major gold deposits are controlled by regional scale faults, which continue to the north into Chalice's tenure → follow the strike







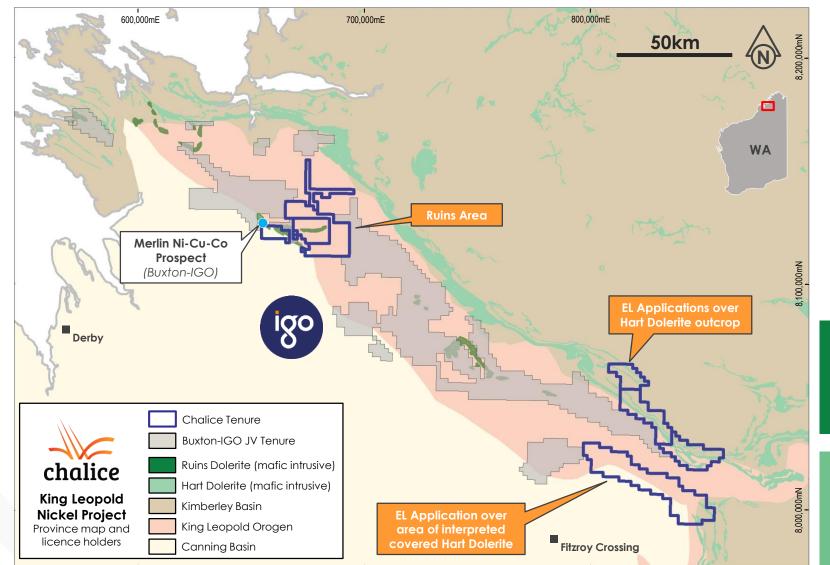
King Leopold Nickel Project

Western Australia



The King Leopold Nickel 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
- Independence Group (ASX: IGO) entered the region in late 2018 with a regional JV with Buxton
- Chalice now a significant player:

Ruins Dolerite

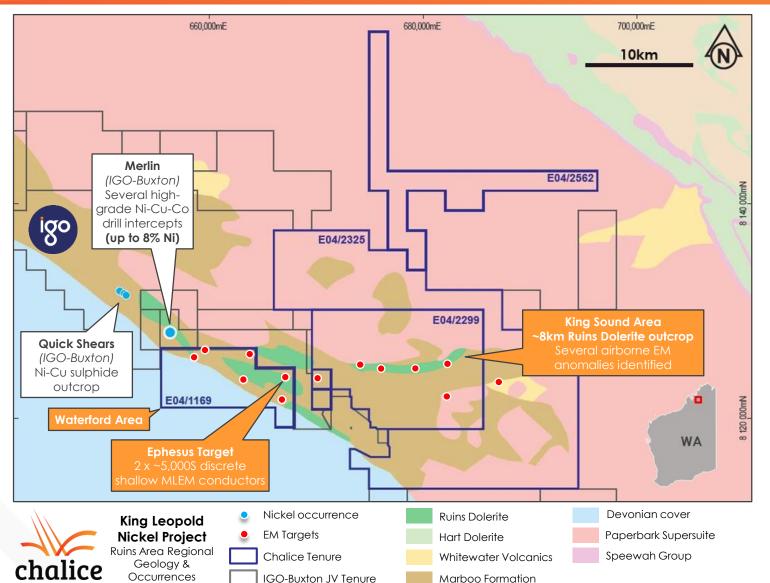
- 600km² Ruins Area acquired in June 2019
- Immediately SE of Merlin (proven host)

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% Co
- 11 airborne EM targets defined by Chalice to date along strike to SE and E of Merlin
- Ground based MLEM completed over 4 targets to date
- 7 airborne EM targets yet to be surveyed with ground EM
- 2 x ~5,000 Siemens conductors identified at Ephesus target
- Soil sampling and ground EM underway in readiness for maiden drill program in Q3 2020