

## **Cullen's Project Portfolio**

0

IRON ORE
ROYALTIES
- WEST PILBARA

Potential future cash flow:
From Wyloo, in Fortescue's Western Hub; and, from proposed West Pilbara Iron Ore Project.\*

2

DRILL READY
TARGETS: GOLD
- BASE METALS W.A.

North Tuckabianna,
Wongan Hills,
Barlee (subject to Heritage survey),
Bromus (subject to Heritage survey).

3

JOINT VENTURES AND FARM INS

Mt Eureka JV, Rox (RXL)
Killaloe JV, Liontown (LTR)
Paraburdoo JV, Fortescue (FMG)

4

PROJECT GENERATION/ EARLY STAGE

Ni, Zn, Au, Cu, Co in FINLAND, and YORNUP, S.West, W.A. \* Red Hill Iron Limited, a partner in this project, has reported (ASX:RHI, 24-11-2020) that it has received the Project Frontier Scoping Study Report which "lays out a way to move forward towards mining development."

## 6 Target Areas | Geochem Anomalies – Air Core Intersections – Major Structures

- 1 WONGAN HILLS, wheatbelt
  Air core copper sulphides VTEM
  anomalies major laterite anomaly
- 2 NORTH TUCKABIANNA, near Cue air core copper/gold anomalies, major structures and prospect trends

### **BROMUS SOUTH, Norseman**

Gold-in-soil anomaly – structural trend on untested granite / greenstone contact

### Mt. EUREKA JV, NE Goldfields

Multiple air core gold anomalies – known nickel sulphide trend (ASX: RXL)

### **BARLEE**, SE of Youanmi

5 Targeting Penny-type gold along extensive strike of sheared granite-greenstone contact

### FINLAND / YORNUP

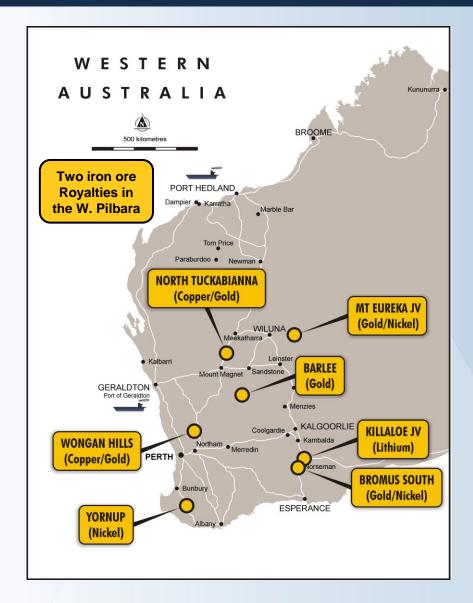
6 Pipeline projects: in Finland along strike of known copper-gold mineralisation; in Yornup, SW WA for Ni-PGE's - subject to approvals.

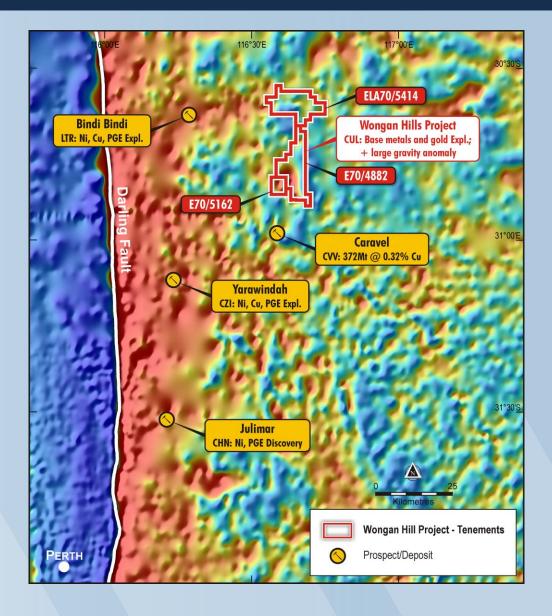




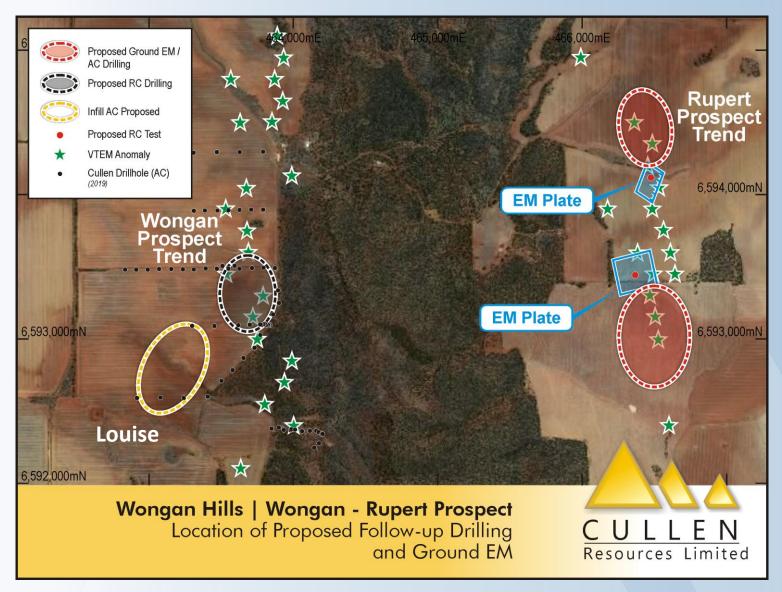


## 1. Wongan Hills Project | Location: ~200km NE of Perth, shown on gravity image





## Wongan Hills Project | Wongan, Louise and Rupert Prospects



### **WONGAN PROSPECT**

VTEM – air core geochem. corridor

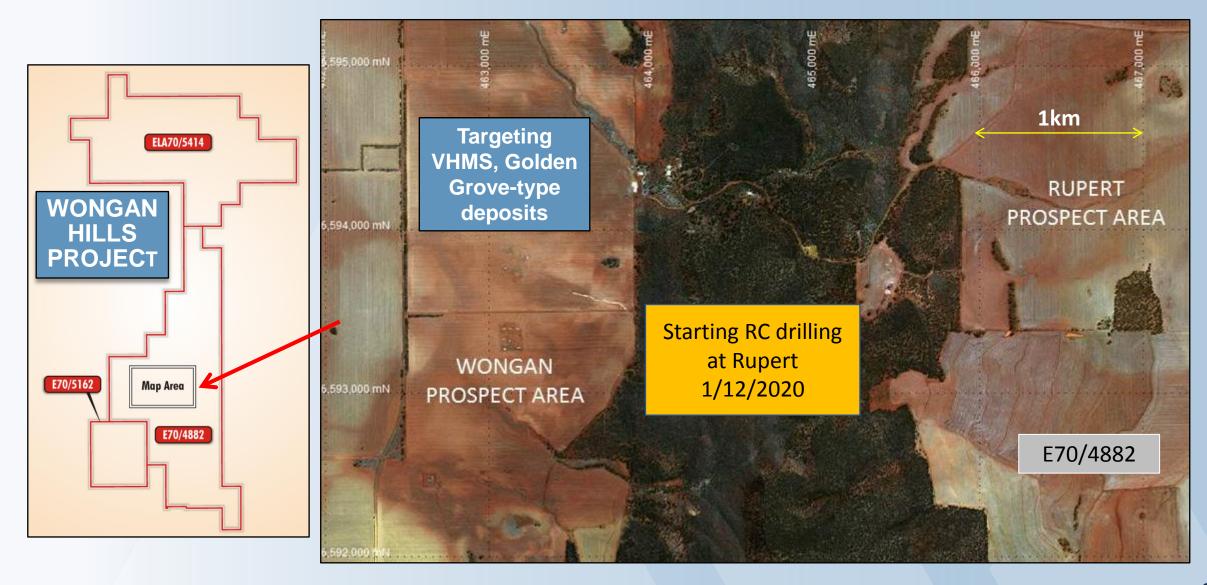
### **LOUISE PROSPECT**

Soil geochem. anomaly – lithological trend

### **RUPERT PROSPECT**

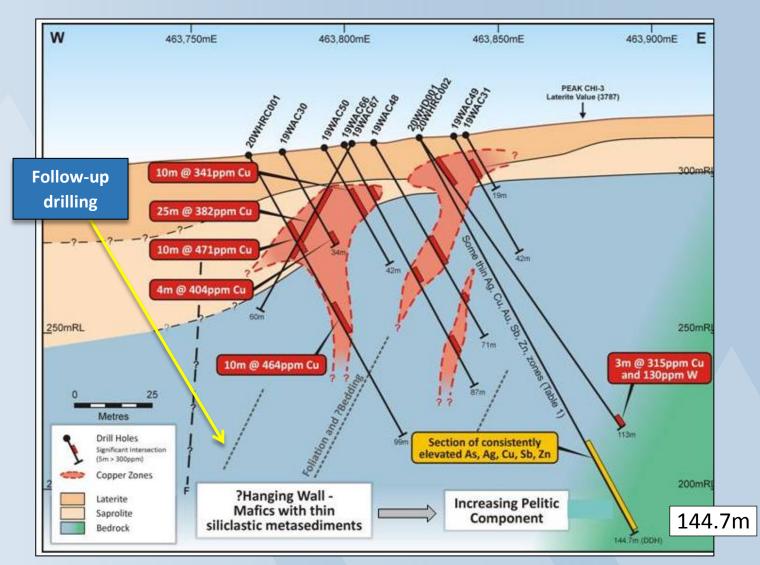
VTEM – soil geochem. trend –
modelled EM plates –
no previous drilling

## Wongan Hills Project | Next stage - drilling two Key Prospect Areas, Dec and Jan 21



## Wongan Prospect | Step-back Drilling Planned

- Anomalous bedrock copper from air core drilling has high Ag, Bi, Mo, and W levels and is clearly strongly reflecting the CHI-3 Index anomalies in overlying laterite.
- Deeper drilling (RC, DDH + DHEM) is planned to test the interpreted west dipping copper zones in drill holes around 19WAC48 (package ~75m in true thickness)
- Lithologies in DDH1 suggest increase in sedimentary component eastwards.



ASX:CUL,15-7-2020

## Wongan Prospect | 20WHD001 – Alteration and Sulphides (see ASX:CUL,15 July)



Section of foliated metapelite with quartz+albite+ pyrite±pyrrhotite± chlorite±garnet alteration zones (from ~131-135m)

20WHD001

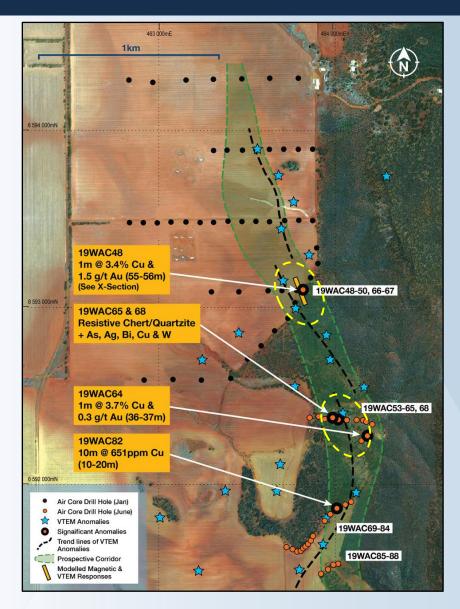
"Clast" of pyrrhotite / /chalcopyrite (125.6m)





"Clast" of pyrrhotite, veinlet with chalcopyrite (62.0m)

## Wongan Prospect | Bedrock Cu Mineralisation in Prospective, Stratigraphic Corridor



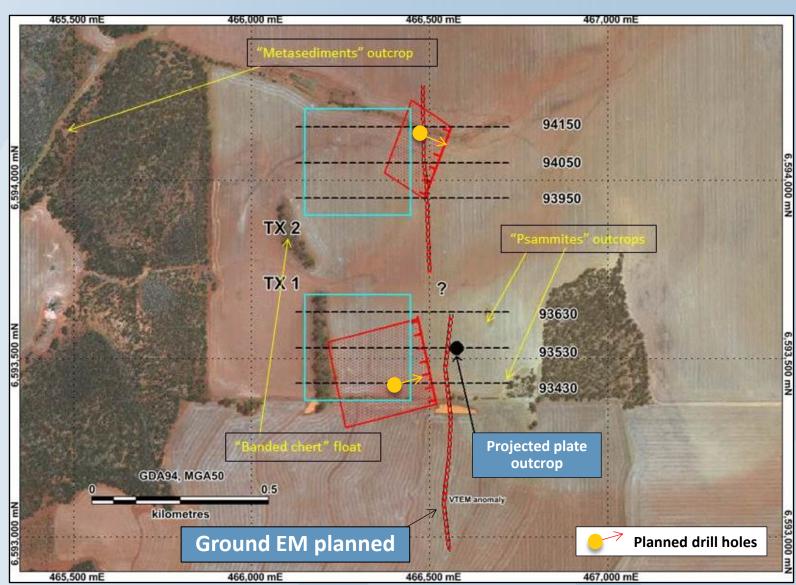
### Anomalous "Chert" and VTEM anomaly – at 19WAC56



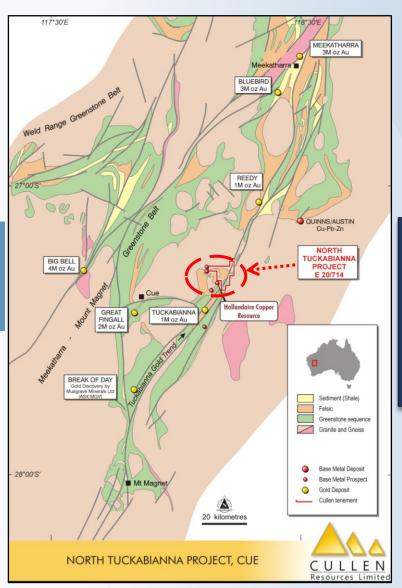
RC drill hole test and DHEM planned

## Rupert Prospect | Ground EM Conductors Confirm VTEM Responses

- Two fixed loop TEM ground EM surveys – TX1 and TX2 (ASX: CUL 22 June)
- Two modelled EM plates (red square and rectangle) dip at ~40° to the west
- No outcrop in paddocks, some float on margins – banded cherts and felsic metasedments
- RC/Diamond drill holes planned
- Ground EM at "South Rupert" in new access agreement area

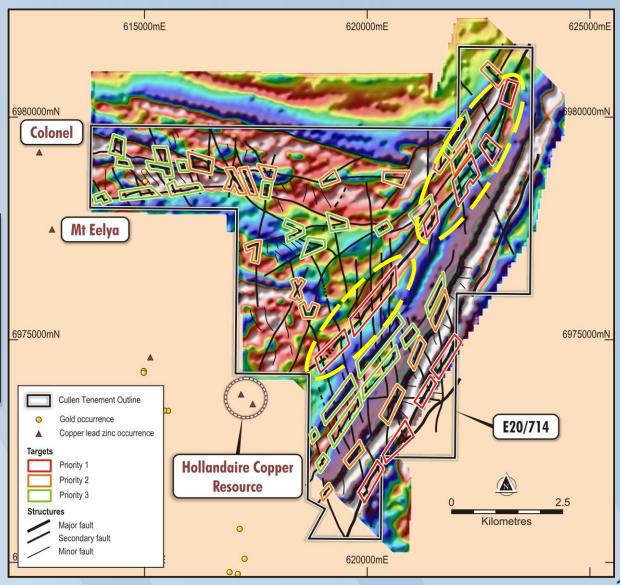


## 2. North Tuckabianna | Gold and base metals prospectivity



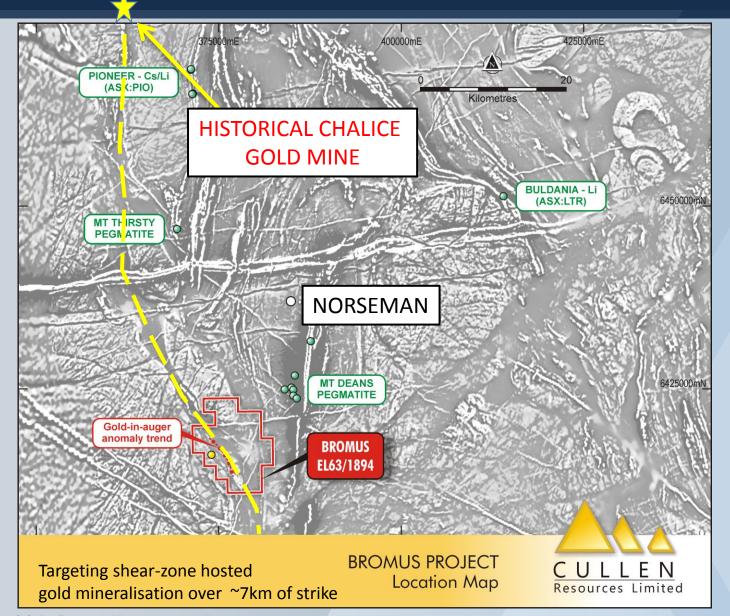
Location

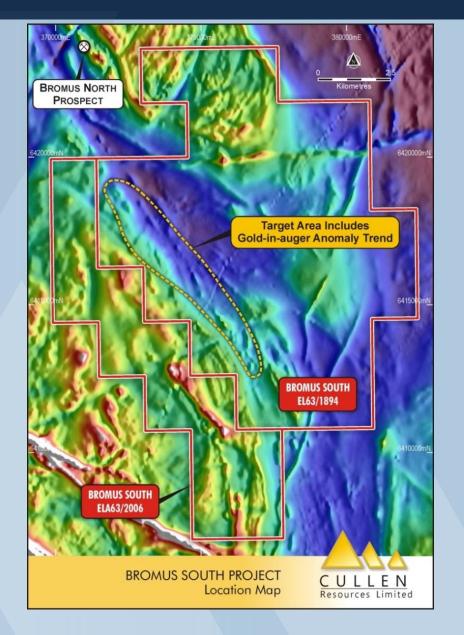
Priority focus
along major
Eelya Felsic
complex/
greenstone
boundary
striking NE-SW



## 3. Bromus | Au prospect on major structural contact (mag. images)



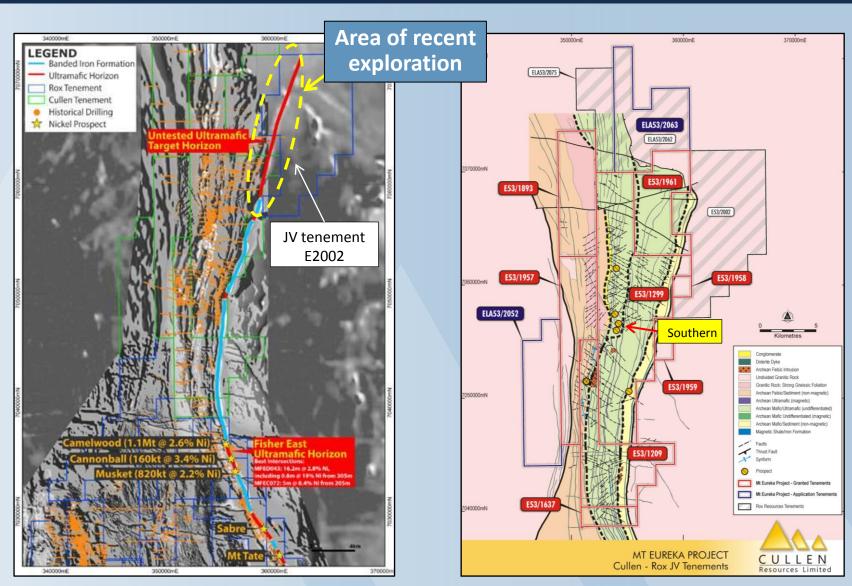




## 4. Mt Eureka Project JV | NE Goldfields, W.A. – Gold and Nickel Sulphide Prospectivity

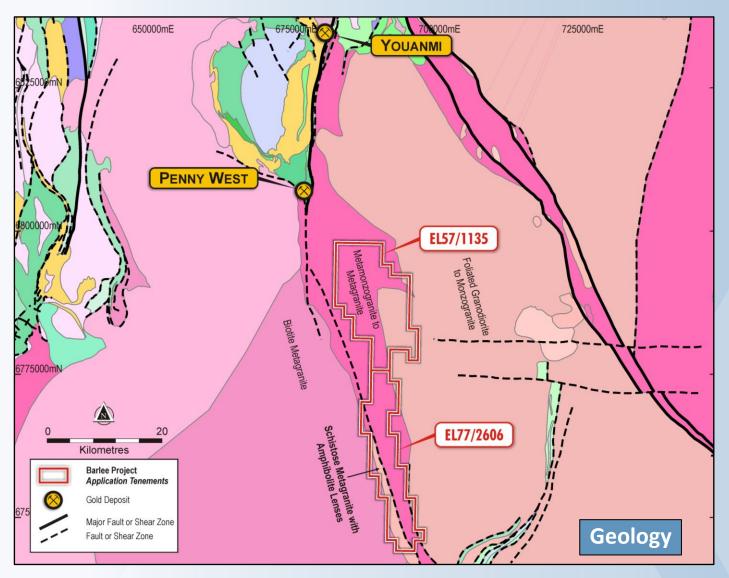
## Recently reported by Rox: ASX:RXL; 30 Oct 2020.

- RC program 30km north of the Fisher East deposits) concluded September 20 RC holes (for 3699m) in the search for nickel and gold across a variety of targets.
- No significant sulphide intersections have been returned to date with most assay results still outstanding (as at late October).
- On-going exploration of what Rox believes to be a highly nickel prospective belt.

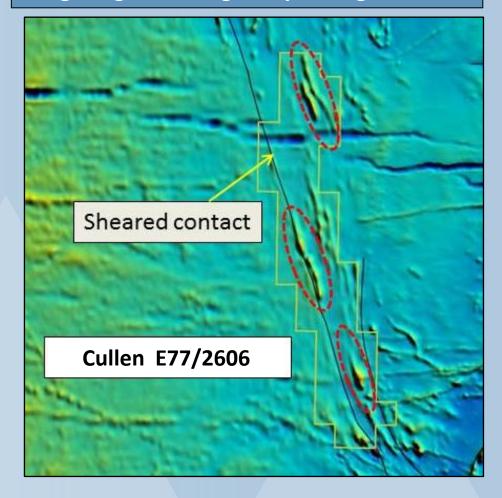


Figure/aeromag image – left, courtesy of Rox Resources Ltd)

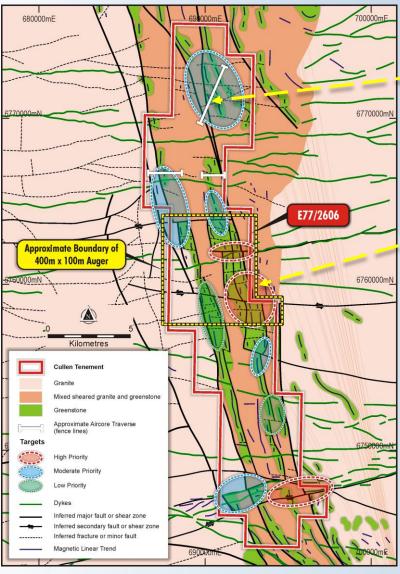
## 5. Barlee Project I Penny West (renamed "Penny") - type Gold Targets, SE of Youanmi



## Mag image. showing interpreted greenstone



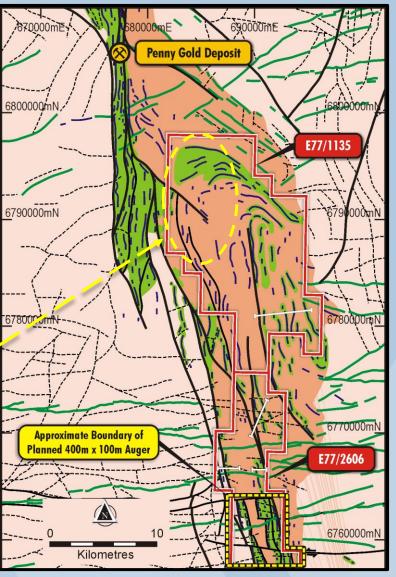
## Barlee Project | Penny - type gold targets :~50km of strike of unexplored shear zones



Air core traverses planned

Auger sampling program completed, assays pending.

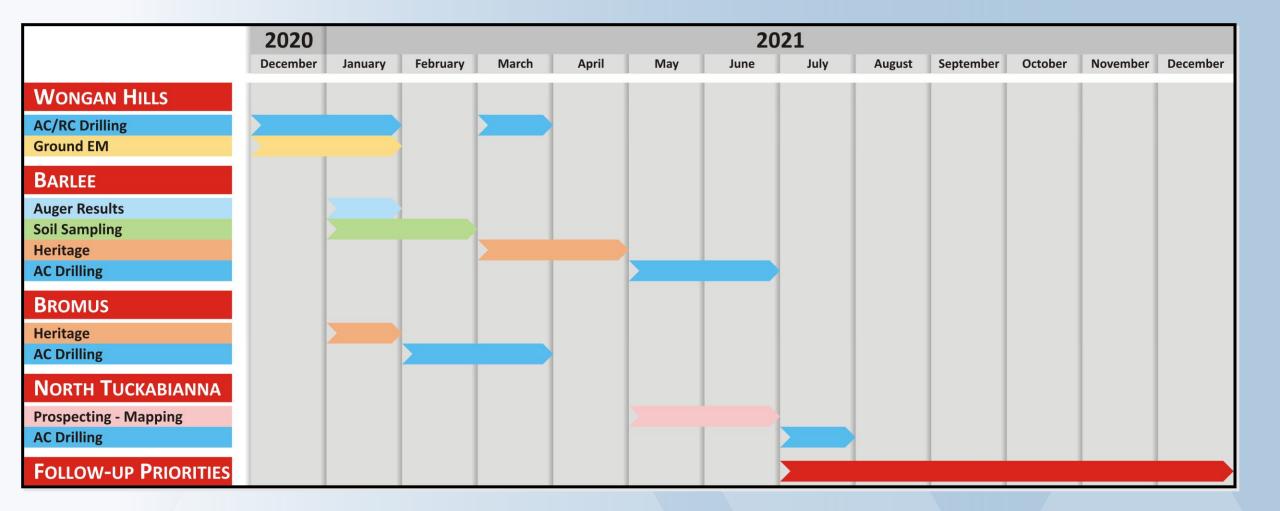
Soil sampling program planned



## Barlee Project | Auger Target area : includes quartz-veined, sheared greenstone subcrop



## **Timetable of Proposed Programs**



## **Summary and Investment Case**

### **CULLEN'S PROJECTS**

# compelling targets for base metals and gold in highly prospective terranes:

- Wongan Hills RC/diamond drilling to test: beneath shallow copper sulphides intersections at Wongan; and ground EM conductors /geochem. anomalies at Rupert.
- Barlee ~350km² of tenure in the region south-east of the Youanmi greenstone belt and the Penny gold deposit (ASX: RMS) targeting shear zones in granite-greenstone terrane for similar gold deposits.
- Mt Eureka JV Rox progressing exploration for gold and nickel via their farm-in.

- North Tuckabianna on-strike from Hollandaire copper resource (Cyprium Metals ASX:CYM) – new focus on major NE-SW striking felsic/mafic boundary.
- Iron Ore Royalties potential cash flow from major iron ore projects in the West Pilbara.
- On-going project generation in W.A. and Finland.

### STRONG INVESTMENT CASE

- · tightly held stock
- supportive shareholders
- well-positioned to generate steady news flow going forward.

### **Directors**

- Dr Chris Ringrose, MD
- Mr John Horsburgh, Chairman
- Mr Wayne Kernaghan, Comp. Sec

### **Capital**

- Number of Shares: 299M
- Cash: ~\$1.05M (30/9/20)
- Market Cap: ~\$6.5M (@ 2.2c)

### **Major Shareholders**

- Perth Capital, Wythenshawe
  - + Associates: ~20%
- Directors: ~8.9%
- Top 20: ~**50**%

### **Contact**

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