# adyton

**TSXV: ADY** 

# **Gold & Copper in World Class Jurisdictions**

### Investing in One of the World's Prolific Gold & Copper Regions Papua New Guinea

Investor Presentation – JULY 2021



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**Adyton Resources (TSXV: ADY)** is focused on the exploration and development of gold and copper resources within world class mineral jurisdictions. It has a focus in the Ring of Fire with its current projects located in Papua New Guinea's (PNG) Pacific Ring of Fire.

- Starting position of 1.15 million Oz Au Inferred Mineral resources that can grow fast within world class gold / copper mineral jurisdictions
- Optionality, trading liquidity, remaining well funded and disciplined capital management ensure progress
- Proven Management Team with ability to identify value and execute – No first timers !!
- Managing the evolution of the share register remains a focus
- ESG Principals



**Inferred Mineral Resource Estimate** 

Location	Project	Mt	Au g/t	Inferred oz Au	Cut-Off g/t
Feni	Kabang	19.0	1.0	650,000 <sup>(1)</sup>	0.8
Fergusson	Gameta	7.2	1.5	360,000 (1)	0.8
Island	Wapolu	3.1	1.4	140,000 (1)	0.8
То	tal	29.3	1.2*	1,150,000	0.8
* Weighted a	verage, round	ed to 1 decir	nal place		

# Environmental, Social and Governance (ESG) Principals

Focused on Sustainable Development & Building a Future For All

**TSXV: ADY** 



### THE ADYTON WAY

Zero / Neutral Emissions Targeted

**Contributing to PNG Nation Building** 

### **Two-Way Stakeholder Engagement**

- In Country
- Capital market

### **Developing Sustainable Projects**

### **Building Long Lasting Community Partnerships**

- Grass roots to Government

### **Reputable Counterparts**

- Suppliers
- Service providers



### **Executive Team - Proven Execution Capability with Significant International Experience**

#### Rod Watt -

### **Executive Director**

Mr. Rod Watt is a highly experienced Geologist with over 30 years experience in both major (Anglo American and Western Mining Corp) and junior resource companies. He has substantial experience within the Pacific Rim.



Frank Terranova -

### **Executive Chair & CEO**

Mr. Frank Terranova has extensive experience as a director and executive for a diverse range of resource companies across many global jurisdictions having generated substantial value for shareholders through organically growing companies and successful M&A. Stephen Kelly -

### CFO & Co Sec

Mr. Stephen Kelly is an experienced Chartered Accountant with many years overseeing mining companies across the ASX, TSX, LSE markets. He is also Company Secretary to various global mining companies.



### Non-Executive Directors - Committed to Adyton Resources Independent Success

#### Sinton Spence – Director (PNG)

Mr. Sinton Spence is a Chartered Accountant based in Port Moresby, Papua New Guinea, and the Principal of Sinton Spence Chartered Accountants, PNG's largest independent accounting firm. In 2006, he was awarded an MBE by the Queen for services to Papua New Guinea commerce and the community. He has had extensive experience in company practice in PNG and is an experienced company director. He has held positions as a director of Sierra Mining and also Shell Oil Exploration and Production PNG Ltd.

#### Nick Tintor – Director (Toronto)

Mr. Nick Tintor is a Geologist and mining executive with more than 30 year experience in the mining industry including all aspects of mineral exploration and corporate management. Since the mid 1990s, developed expertise in managing and financing junior resource companies including the transition from private to public listing. He currently serves on the Board of Benz Mining Corp and has served as a senior executive and director for companies across multiple jurisdictions.

#### Tim Crossley – Director (Australia)

Mr. Tim Crossley is a Mauyr Resources Nominee has extensive experience as a director and mining executive, having operated some of Australia's largest mining businesses including roles as Deputy CEO of ASX-listed Gloucester Coal, and President and Chief Operating Officer (COO) at BHP Billiton's West Australian Iron Ore business. Tim is also an executive director of Mayur Resources Ltd who will initially be the largest shareholder in Adyton post listing.

### Peter Du Plessis – PNG Operations

Mr du Plessis is a Mine Surveyor with over 46 years' experience in South Africa, Australia and Papua New Guinea. He has extensive experience in mining operations with more than 18 years' experience operating in Papua New Guinea. He has held senior management roles at both Tolukuma Gold Mine, Simberi Gold Mine and since 2015 has been employed by K92 Mining as the General Manager at Kainantu Gold Mine.

#### Fred Leigh Jnr – Director (Vancouver)

Mr. Leigh is and experienced company director and the principal of a private British Columbia company providing fundraising, investor relations and advisory services. He has over 10 years of experience with companies in the mining and technology sectors worldwide, acting in an investor relations and advisory role for a number of publicly listed companies. He currently is a Director of K2 Gold Corp and Golden Harp Resources Inc

### Jason Kosec – (Toronto) Geology & Markets TSX

Mr. Jason Kosec has extensive experience in all facets of mineral exploration, mine development, investor relations and corporate transactions, across a range of companies in Canada and North America. He is currently President & CEO of Millennial Precious Metals and is on the Board of GK Resources.



Major crustal structure

**Adyton Primary** 

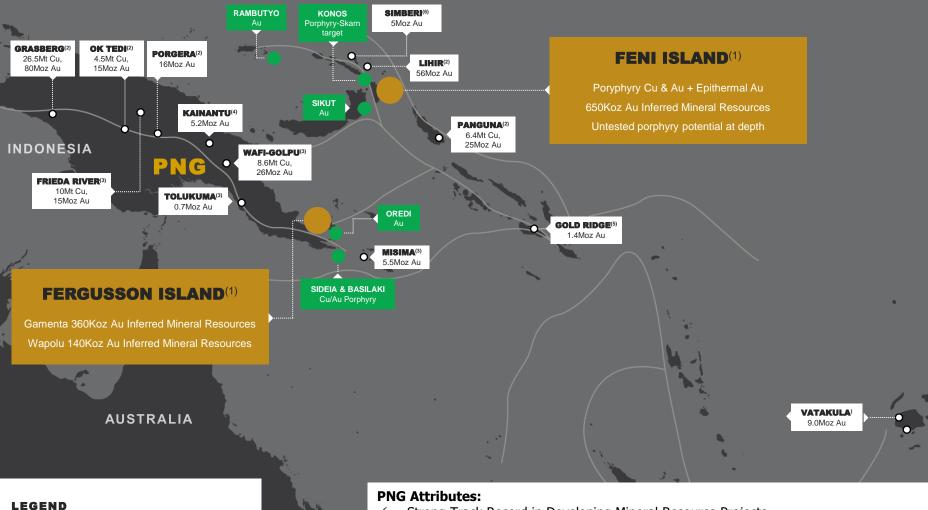
Adyton Blue Sky

 $\mathbf{C}$ 

Major gold or copper deposit

Under-explored in a prolific discovery region

### PNG — Proven Tier 1 Region Regional Setting in the Pacific Ring of Fire



- ✓ Strong Track Record in Developing Mineral Resource Projects
  - $\checkmark$  Continued large oil, gas, infrastructure, agriculture and resource investments
  - ✓ Centralized government with a Westminster system of parliamentary democracy
  - ✓ Well-regulated mining industry administered by the Mineral Resources Authority (MRA) in Port Moresby and aligned with international best practice.
  - $\checkmark$  Infrastructure continuing to develop with ample services and suppliers.





# Feni

'Prime address for epithermal Gold – Project located in a Tier 1 Region'

- 1 Lihir style geology Project located in a Tier 1 region
- 3 Located along a mineral belt containing Simberi 5 Moz, Lihir 60 Moz, Panguna (Bouganville) 19 Moz, 5 Mt Cu
- 5 USD\$20 Million Historical spend 1982 – 2007

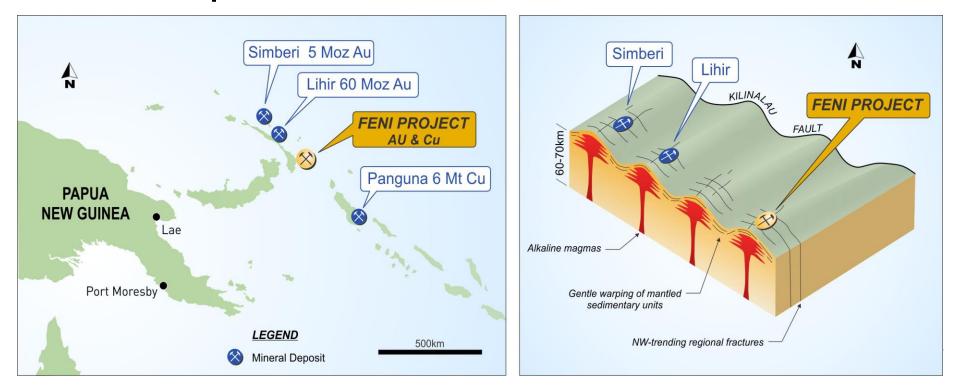
- Historic drilling of 212 holes for 18,813m (9,106m DD & 9,707 AC/RC)
- Mineral resources open in all directions with priority drill targets identified<sup>(1)</sup>
- 6 Starting position of 650,000 oz Au Inferred mineral resources with upside potential <sup>(1)</sup>



Drill program commenced June 2021

(1) Refer to Appendix 7 for technical information disclaimer

# adyton Feni – Regional Setting

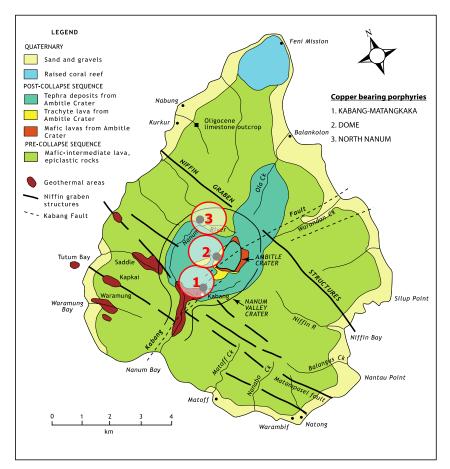


### **KEY FACTS**

- Under explored with potential upside to increase the existing Au mineral resources
- Located in the same chain as Lihir (150 Km) & Simberi (250 Km)
- Significant potential for porphyry Cu / Au mineralisation at depth
- Young geological setting (1.0M years) with geothermal potential



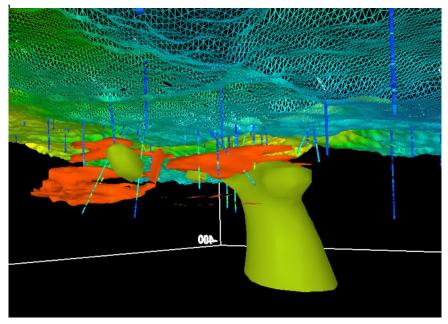
Over 30 years of historical exploration and 212 historic drill holes for 18,813m (9,707m DD & 9,106m RC+AC).



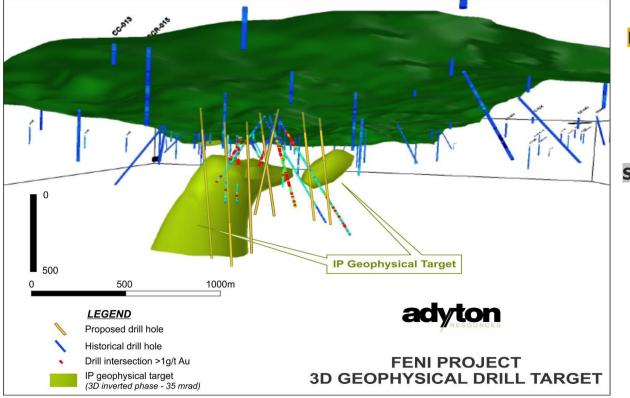
### Inferred Mineral Resources – Deposit Style

The main ore deposit types identified on Feni are;

- Low sulphidation epithermal gold mineralisation associated with active hot springs (e.g. Lihir style)<sup>(1)</sup>
- Intrusive related porphyry-style copper-gold mineralisation (e.g. Panguna style)<sup>(1)</sup>



# adyton | Feni Island – Located in a Tier 1 Region



### Focus of the Current Feni Drill Program

- Increasing the shallow Au resources and upgrading the mineral resources classification
- Exploring for a significant Cu porphyry system by drilling the IP target at depths greater than existing drilling

### KABANG IP INVERSION MODEL Copper Porphyry Target

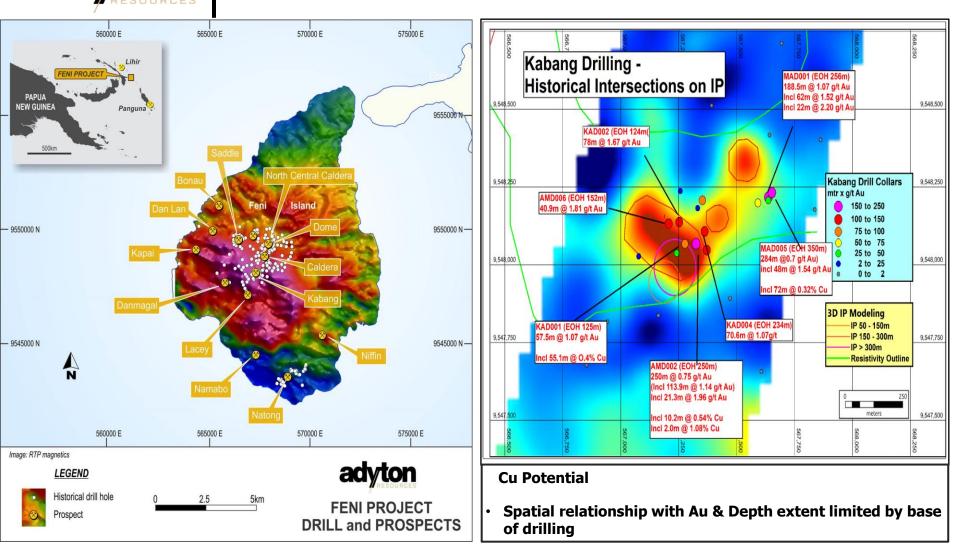
IP defined conductive zone around margin of crater complex

### Significant Potential to Increase the

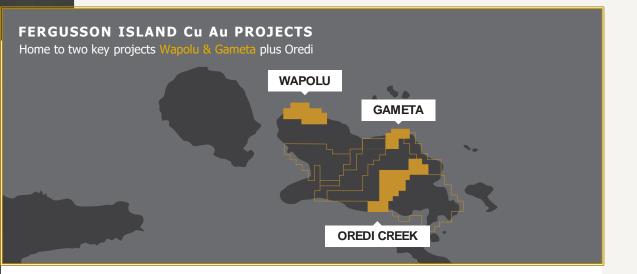
Mineral Resource Estimate

- IP targets with only limited testing clear upside
- ✤ Intervals of Cu with significant Au, assays up to 1 – 2 percent Cu
- Previous drilling shallow <150m, mostly shallow air core <100m</p>
- Significant drill intersections in drill core up to 5 g/t Au
- Visible Au in panned concentrates with range up to 120 g/t

# **adyton** Feni Island – Porphyry Copper Target







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Shallow structurally controlled epithermal style Au – low strip ratio potential

3 Gameta – Starting position of 360,000 oz Au Inferred mineral resource <sup>(1)</sup>, 195 RC holes (10,180m) & 33 DD holes (4,185m) ADY: has drilled 3,400m diamond drilling 2021 (38 holes)

**5** Upside potential with identified scope to increase and expand current resource envelope..

**Resource Statement Update** Expected from completed drilling program July 2021.

- 2 Focus on advancing towards production Leverage off previous studies <sup>(1)</sup> Commence new technical studies work
- Wapolu Starting position of 140,000 oz Au Inferred mineral resources <sup>(1)</sup>, 296 RC/AC holes (11,646m) & 97 DD holes (6,401m) ADY: completed 5 test holes July 2021

Wapolu mined for 2 years from 1995 – 1997



(1) Refer to Appendix 7 for technical information disclaimer

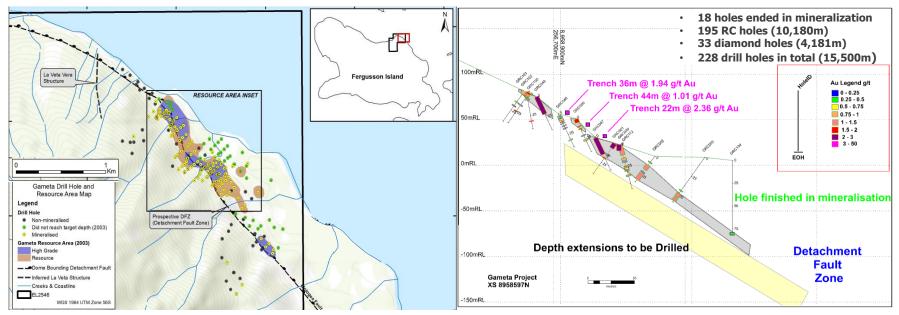
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# Fergusson Island

Focus on Advancing Towards Production

# adyton Fergusson Island, Gameta

High Grade Historical Drill Intercepts



### **DRILLING RESULTS (Selected)**<sup>(1,2)</sup>

Drill Hole	From	То	Intercept	Au Grade
GRC 191*	42	91	49 m	4.1 g/t
GRC 002	3	43	40 m	3.3 g/t
GRC 037	8	34	27 m	5.9 g/t
GRC 097*	23	33	10 m	10.5 g/t
GRC 145	46	66	20 m	1.7 g/t
GRC 180*	42	49	7 m	4.4 g/t
GDH 002	0	60	60 m	2.3 g/t
GDH 011^	42	66	24 m	2.5 g/t
GDH 017#	46	65	19 m	3.9 g/t
GDH 025	46	55	8 m	3.0 g/t

^ Diamond twin of GRC191 (EOH = 66m)

### **BASEMENT INTERSECTIONS** (3)

Hole ID	From	То	Intercept	Au Grade
GDH011	54	65.9	11.9 m	1.87 g/t
GDH013	47	80.8	33.8 m	1.24 g/t
GDH013A	68.8	102	33.2 m	1.46 g/t
GDH014	57.1	59.9	2.8 m	35.3 g/t
GDH015	144	155	11 m	1.85 g/t
GDH016	48	61	13 m	3.45 g/t
GDH017	54	76	22 m	2.89 g/t
GDH019	84.5	114	29.5 m	1.37 g/t
GDH021	172	174	2 m	3.58 g/t
GDH021	172	174	2 m	3.58 g/t

\* Ending in Mineralisation

### **TRENCHING RESULTS**<sup>(2)</sup>

Length m	Au Grade
32	6.7 g/t
25	6.0 g/t
16	4.2 g/t
28	8.5 g/t
22	4.7 g/t
48	3.1 g/t

(1) Gold Aura Ltd, ASX announcement, 12 Feb 2008 (2) Gold Aura Ltd, ASX announcement, 28 Oct 2003 (3 & Images) Refer to Appendix 7 for technical information disclaimer

### **TSXV: ADY**

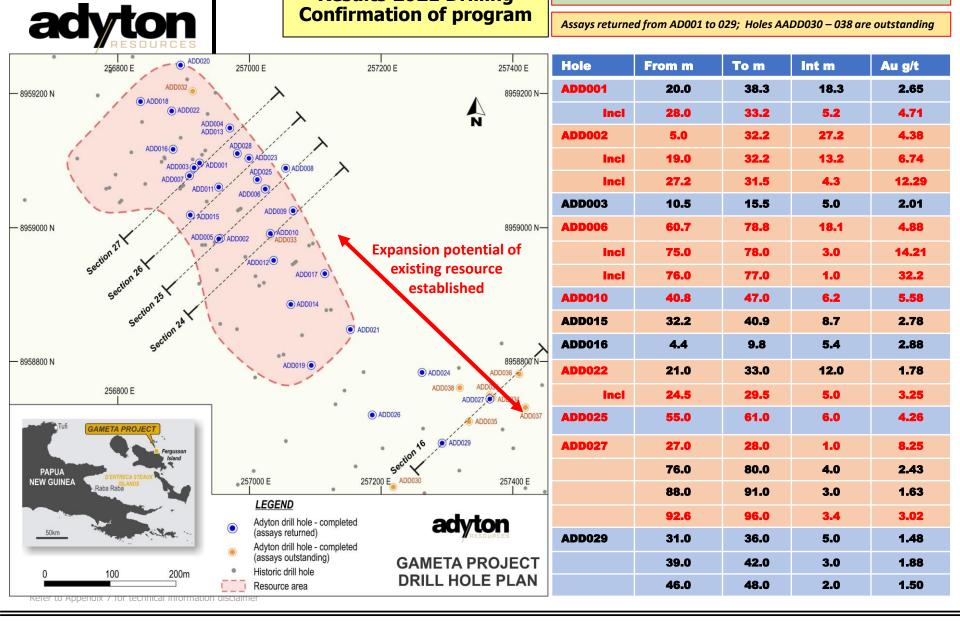
### www.adytonresources.com

# Diamond twin of GRC145 (EOH = 159.1m)

### **Results 2021 Drilling Confirmation of program**

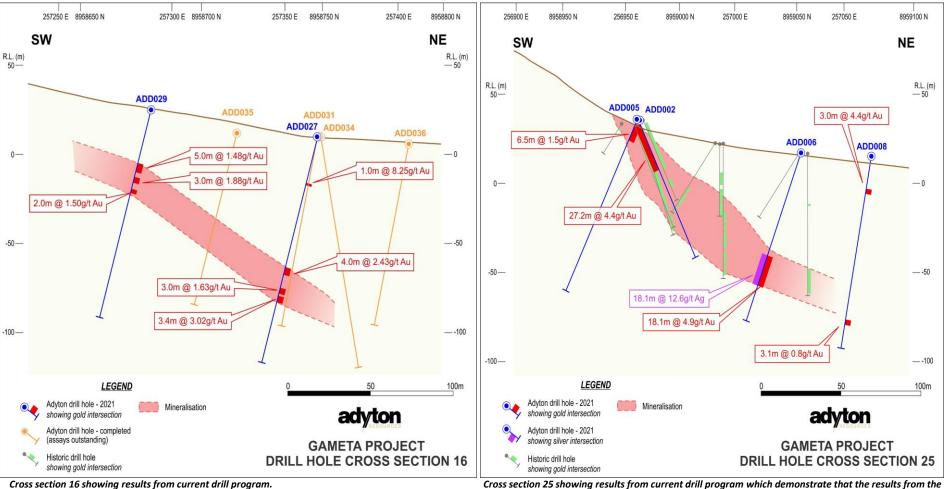
38 diamond holes completed for 3,381m drilling

Assays returned from AD001 to 029; Holes AADD030 – 038 are outstanding





### Highlights 2021 – Confirmation of Program and Results



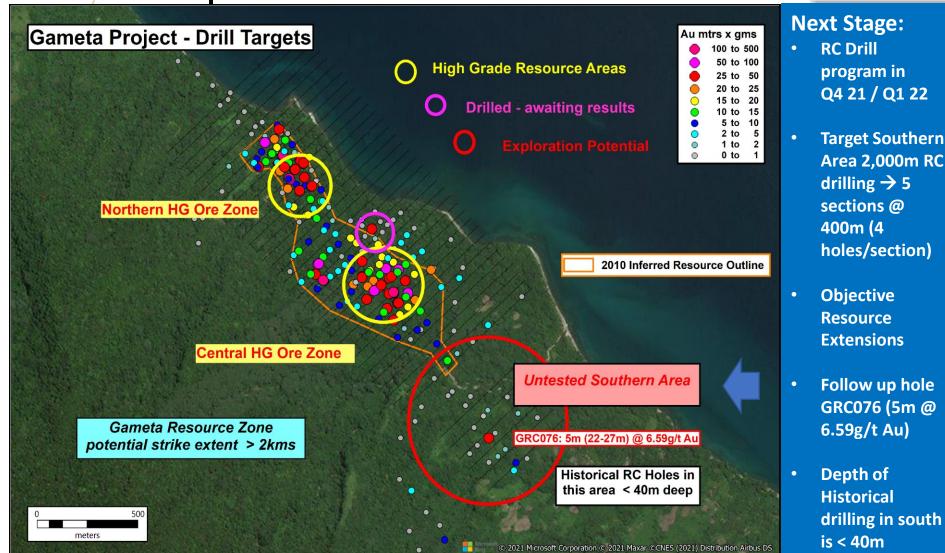
Blue trace = reported here; Orange trace = results outstanding.

Cross section 25 showing results from current drill program which demonstrate that the results from the current diamond drilling confirm and in many instances exceed the historical RC drill hole results. Unlabelled holes are historical RC drill holes.



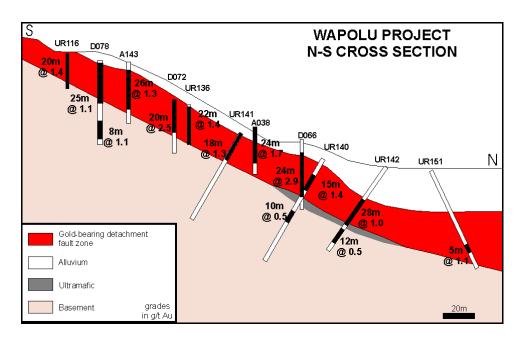
### **Gameta Project – HG Zones and Exploration Targets**





### **TSXV: ADY**

adyton Fergusson Island, Wapolu



### DRILLING INTERSECTIONS (Selected)<sup>(1)</sup>

Drill Hole	From	То	Intercept	Au Grade	Length	Au Grade
WPA 163	2	15	13 m	3.2 g/t	10 m	10 g/t
WPA 134	8	18	10 m	4.3 g/t	8 m	9.3 g/t
WPA 036	0	10	10 m	5.9 g/t	5 m	10.7 g/t
WPD 020	23	29	6 m	4.3 g/t		
WPD 072	6	14	8 m	4.3 g/t	15 m	5.5 g/t
WPD 091	9	14.6	5.6 m	4.2 g/t	10 m	6.7 g/t
LVR-101	18	122	2 m	19.8 g/t	5 m	6.3 g/t

### **Historical Drilling**

- Quartz veins within detachment fault zone
- Potential to increase mineral resources with further drilling

### **Historical Technical Studies**

- Small trial mine 1995 1997
- 2004 scoping study processing options assessed
- 2010 Inferred Au mineral resource estimate

### **Next steps**

- Infill drilling and potential mineral resource extension
- Metallurgical sampling and testing
- Update mineral resource estimate

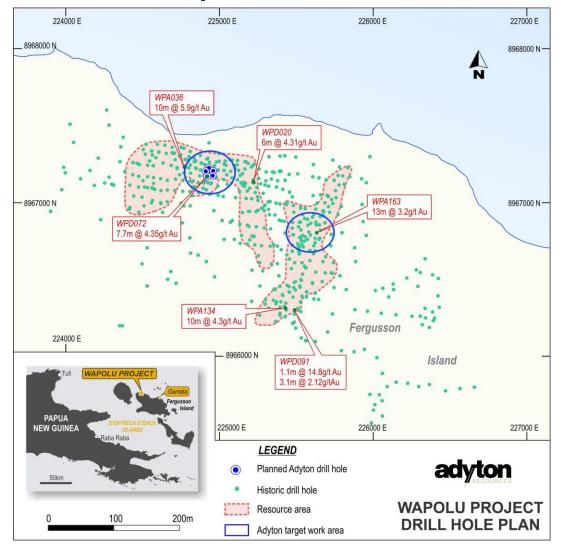
(Footnote - 1) Gold Aura Ltd, ASX announcement 30 Sep 2003 (Footnote - 2) Gold Aura Ltd, ASX announcement 03 Oct 2006 (Image Reference) Critical Technical review of Gold projects, SRK Consulting (March 2018)

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TRENCHING<sup>(2)</sup>



# Wapolu, Fergusson Island



### Wapolu Historical

- 30kms from Gameta ("sister deposit")
- The Wapolu Gold deposit consists of 3.1 million tonnes at an average grade of 1.42 g/t Au, for contained gold of 140,000 Inferred Resources ounces, aa cut-off grade of 0.8 g/t Au.
- Historical exploration and drilling 1980 / 90's - large number of shallow holes drilled

### Wapolu Current

- Short 400m diamond coring program to be drilled in June / July 2021
- Samples for confirmation for historical drilling and for metallurgical testing

Inferred Mineral Resources Estimate (1)

### Feni – Kabang Grade Tonnage Table

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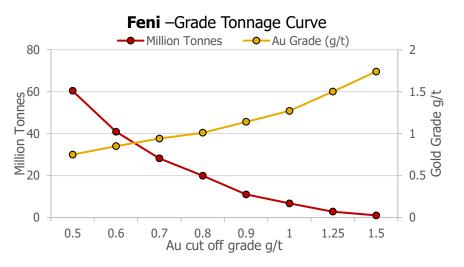
Cut – Off Criterion (g/t Au)	Tonnes (Mt)	Gold Grade (g/t)	Contained Gold (koz)
0.5	60.4	0.75	1,450
0.6	40.9	0.85	1,100
0.7	28.2	0.94	850
0.8	19.9	1.01	650
0.9	11.0	1.14	400
1.0	6.7	1.27	270
1.25	2.8	1.50	135
1.50	1.0	1.74	55

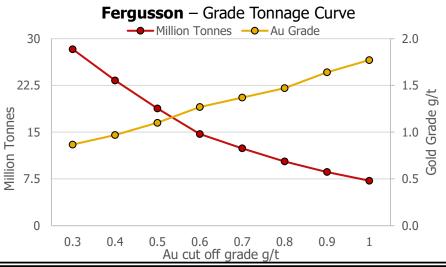
### PRE DRILLING PROGRAM

### Fergusson – Gameta + Wapolu Grade Tonnage Table

Cut - Off Criterion (g/t Au)	Tonnes (Mt)	Gold Grade (g/t)	Contained Gold (koz)
0.3	28.3	0.9	789
0.4	23.3	1.0	726
0.5	18.8	1.1	665
0.6	14.7	1.3	599
0.7	12.4	1.4	546
0.8	10.3	1.5	487
0.9	8.6	1.6	453
1.0	7.2	1.8	410

(1) Refer to Appendix 7 for technical information disclaimer

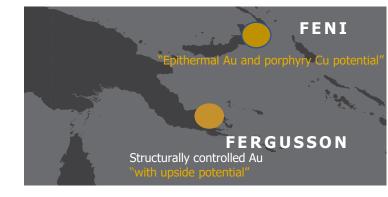


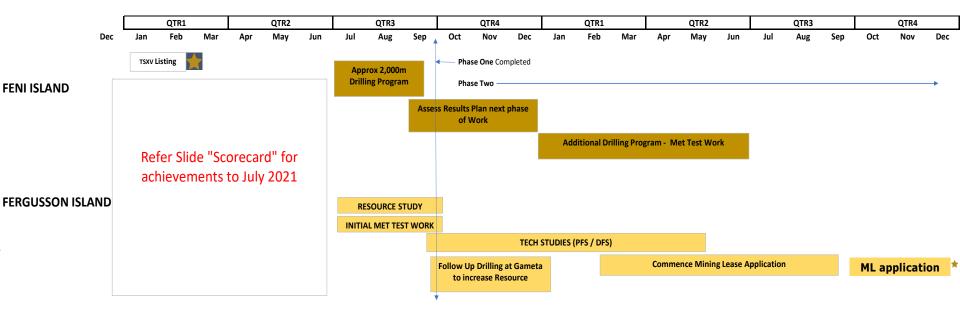




# 2021-2022 Work Program

Indicative Timeline & Budget





# adyton Scorecard to July 2021: (ADY: 5 months young)





#### CORPORATE:

- ASSEMBLED TEAM AND ACQUIRED GEOLOGICALLY PROSPECTIVE
  ASSETS WITH 1.15M OZ GOLD AND COPPER POTENTIAL
- COMPLETED TSXV LISTING IN FEB 2021 RAISING \$10M. SIMULTANEOUS LISTING ON FRANKFURT EXCHANGE
- EXPECTED JULY 2021 OTC QUOTATION AND DTC ELIGIBILITY
- COMPLETE ALL PHASE ONE WORK PROGRAMS BY SEPT QTR 2021 (AHEAD OF SCHEDULE) WITH APPROX \$3M EST CASH AT BANK

#### FERGUSSON ISLAND:

- COMPLETED 3,400M DIAMOND DRILLING ON FERGUSSON ISLAND (GAMETA DEPOSIT) 7 WEEKS AHEAD OF SCHEDULE AND UNDER BUDGET
- GAMETA EXPLORATION PROGRAM CONFIRMED AND EXCEEDED
  HISTORICAL RESULTS VALIDATING PROJECT POTENTIAL
- EARLY COMPLETION OF GAMETA DRILLING ENABLED BRINGING FORWARD OF WAPULO TEST DRILLING (INITIALLY SCHEDULED FOR 2022)
- UPDATED RESOURCE STATEMENT AND INITIAL METALLURGICAL TEST WORK RESULTS EXPECTED BY AUG/ SEPT 2021 (3 MONTHS AHEAD OF SCHEDULE)

#### FENI ISLAND:

- COMPLETED INITIAL GEOCHEM & GEOPHYSICS WORK TO IDENTIFY TARGETS
- DIAMOND DRILL PROGRAM COMMENCED ON SCHEDULE WITH RESULTS DUE AUG/ SEPT 2021







### **Metrics & Ownership**

TSXV: ADY				
Share Price (CAD)	\$0.105			
Trading Range (CAD)^^	\$0.09 to \$0.40	-		
Market Cap (CAD) current	\$13.0M	-		
Commenced Trading	24 Feb 2021	-		Λ
Shares Issued & Outstanding	124,758,886	Met	rics	
Options on Issue (CAD\$0.30)	10,237,944	Management & Board	8%	
Warrants on Issue (CAD\$0.30)	1,119,675	Public Float	25%	
	1,119,075	Top 10 Shareholders	86%	
Fully Diluted Shares Outstanding	136,116,505	EV/ Resource "USD" Range	USD\$7 - \$10	
Cash (as of June 30), 2021(CAD)	\$6.5M	EV / Resource "CAD" Range	CAD\$10 - \$12	/
				/

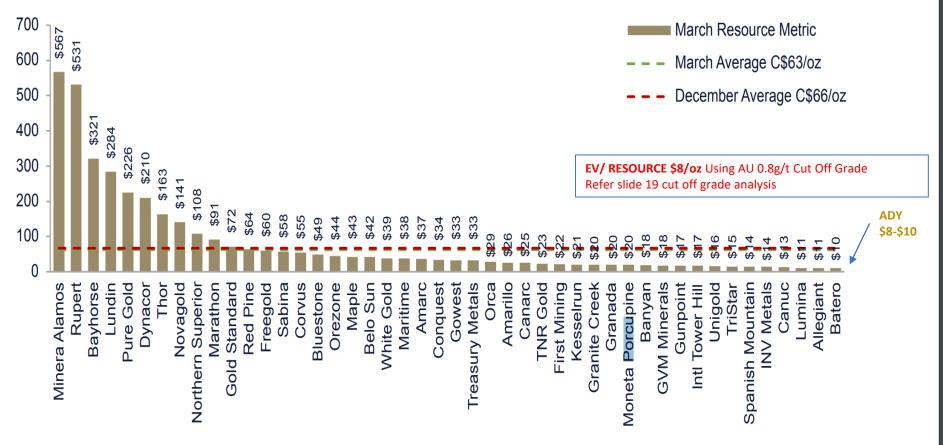
<sup>^^</sup> Data is for the period from February 24,2021 being the date of resumption of trading in ADY shares following completion of the Company's qualifying transaction.



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# **adyton** Comparisons – Market Position March 21

TSX/TSX-V EXPLORERS AND DEVELOPERS – EV / RESOURCES (C\$/oz AuEq)



Source PCF Capital 03/21 Thermometer Report

"If you want to find gold, Go where gold is found"

Frank Terranova

# Conclusions

PNG – 'Prime Address' for Epithermal Gold & Porphyry Copper'

TSXV: ADY

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**1** STARTING POSITION OF 1.15 MOZ AU INFERRED MINERAL RESOURCES <sup>(1)</sup> GROWTH POTENTIAL VERIFIED

3 PNG IS A WORLD CLASS MINERAL JURISDICTION – PACIFIC RIM OF FIRE Ok Tedi, Porgera, Lihir and Golpu **2 PEER GROUP VALUATION COMPELLING VALUE:** 

Avg: TSXV Mkt Cap/Resource at \$60/oz, ADY trading at circa \$10/oz

### **A RE-RATE POTENTIAL –**

- FERGUSSON ISLAND FAST TRACK PRODUCTION
- FENI ISLAND DISCOVER TIER
  ONE CU & AU ASSET

5 STAKEHOLDER EXPERTISE AND EXPERIENCE - EVOLVE THE SHARE REGISTER 6 PROVEN PNG MANAGEMENT TEAM – CREATING REAL OPTION VALUE FOR INVESTORS

"Emerging companies must either,

Grow or they Go"

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### **TSXV: ADY**

Gold & Copper in World Class Jurisdictions Investing in One of the World's Prolific Gold & Copper Regions Papua New Guinea CONTACT INFO

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rwatt@adytonresources.com

# Appendices

Appendix 1 – Sikut Appendix 2 – Sideia Appendix 3 – Basilaki Appendix 4 – Oredi Creek Appendix 5 – Konos Appendix 6 – Rambutyo Appendix 7 – Footnotes Appendix 8 – PNG Facts

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**TSXV: ADY** 



**`Pipeline'** 

**Summary** 

Refer to Appendix for

technical details

**Tenements:** 



### SIKUT - NEW BRITAIN

 Vein hosted Au with Cu porphyry potential, along strike from Wild Dog mine (Appendix 1)

### SIDEIA & BASALAKI

- Sideia: Numerous Cu showings, no systematic exploration (Appendix 2)
- Basilaki: Potential for deeper porphyry Cu/Au (Appendix 3)

### **OREDI – FERGUSSON**

 The large structural zone is a target for bonanza – style epithermal gold mineralisation (Appendix 4)

### **KONOS – NEW IRELAND**

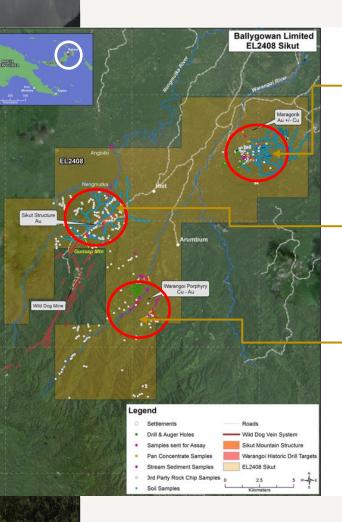
- Conceptual Cu/Au porphyry and skarn target
- Tenement surrounded by B2Gold (B2Gold pegged post tenement grant) (Appendix 5)

### RAMBUTYO

Anomalous Au was detected in a stream sediment sample of 1,070ppb (**Appendix 6**)

# Appendix 1: Sikut

'Vein hosted Au with Cu porphyry potential' 'Along strike from Wild Dog Mine'



### THREE MAIN PROSPECTS<sup>(1)</sup>

### Maragorik Gold Prospects:

- Three high sulphidation Au / Cu prospects – trenching grades of up to 21m @ 2.1g/t Au
- Limited drilling in the early 1990's (12 holes)

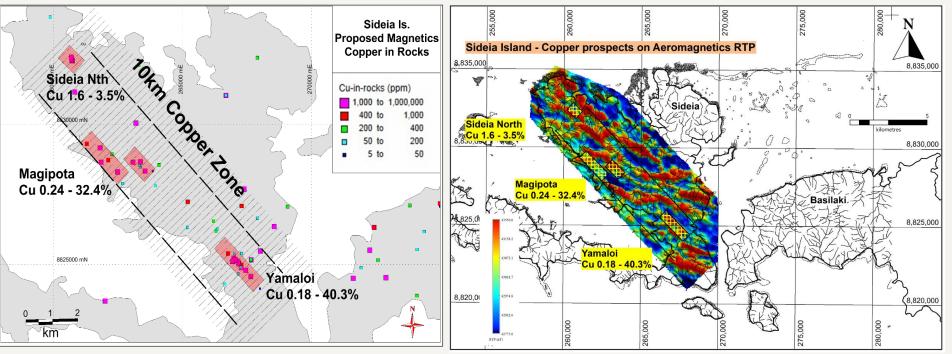
### **Gunsnap Gold Prospect:**

- 4km zone of hydrothermal alteration along strike of the Wild Dog gold deposit
- Never been drilled

### Warangoi Porphyry Copper-Gold Prospect:

- Float and chip samples of up to 10.8% Cu & 11.2g/t Au within a 6km<sup>2</sup> diorite intrusion
- Drill targets were identified in the 1980's but have yet to be drilled

# Appendix 2 – Sideia



# LOCATED ALONG PAPUAN FOLD BELT

### **'NO SYSTEMATIC MODERN EXPLORATION CARRIED OUT'**

**`POTENTIAL FOR DEEPER PORPHYRY CU + AU'** 

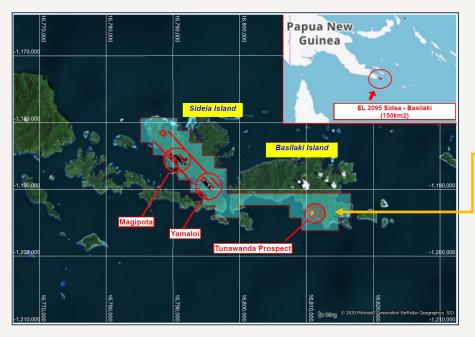
- Rock chips with up to 27.5% Cu and 3.92 g/t Au and historical results of 239 g/t Au and 40% Cu  $^{(1)}$
- An aeromagnetic and radiometric survey completed in 2018 designed to identify new prospects and drill targets and map out the major structures
- Regional infill stream sediment sampling program on the island completed, follow up required

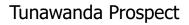
### TSXV: ADY

### www.adytonresources.com

### Refer to Appendix 7 for technical information disclaimer

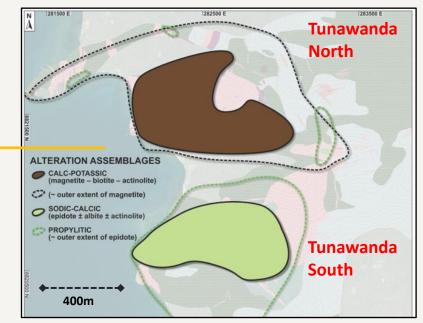
# Appendix 3 – Basilaki





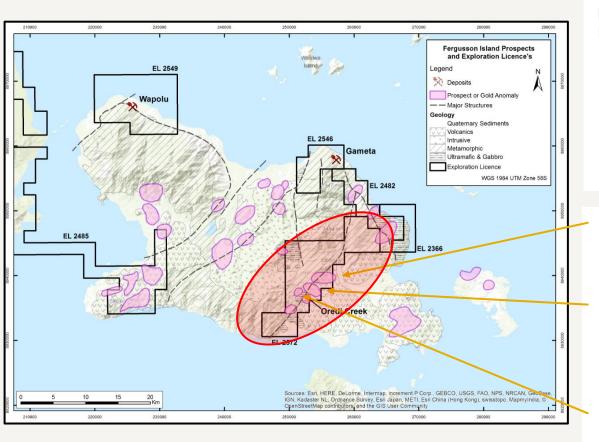
Two distinct areas of hydrothermal alteration:

- North deeper porphyry Cu target (>300m)
- South shallower epithermal Au target (to 300m)



- Alkaline mineral system with excellent geochemistry, similar to Cadia and Nth Parkes
- 2018 drilling program, 5 holes intersected alteration typical of the propylitic (outer) zone of a porphyry copper system (northern zone)
- 3 holes intersected indications of a high-level Au epithermal system (southern zone)

# **Appendix 4 – Oredi Creek**



### **`STRUCTURAL SHEAR ZONE WITH POTENTIAL FOR HIGH GRADE BONANZA STYLE EPITHERMAL AU**

- Gold mineralisation and associated widespread epithermal alteration is focused along the Oredi Fault Zone
- Only three shallow drill holes drilled

### GOMWABILA

"structural controlled Au veins"; 1.4g/t rock chip; 0.5g/t pan cons

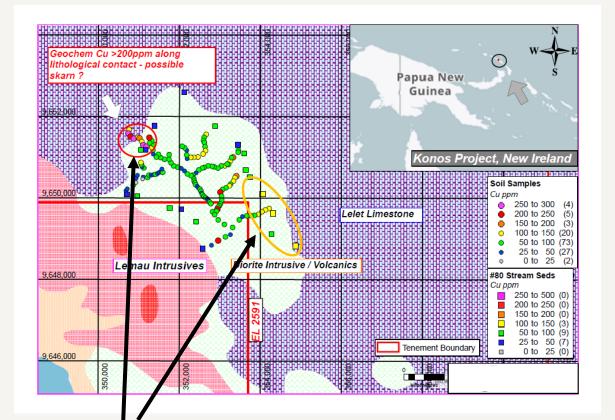
### OREDI

"ORD001 testing structurally controlled Au 70m @ 0.50g/t Au; *incl selected intervals >1g/t and a high of 3.32m g/t Au over 1.3m."* 

### MAMBOMABONA

"15 – 20m wide shear zone, silicified with rock chip sampling up to 200g/t Au; channel and floats 0.2g/t Au"

# **Appendix 5 – Konos**



### CU + AU PORPHYRY & SKARN TARGET

- New Ireland is prospective for porphyry Cu/Au Deposits
- Conceptual Target little previous fieldwork has been carried out over the area
- A limited Geochem sampling program was carried out Q4 2019 to identify the area of interest
  - 19 BLEG
  - 19 Pancon
  - 133 Soils -80#
  - 19 Rock Chip / Float

### **Q4 2019 RESULTS:**

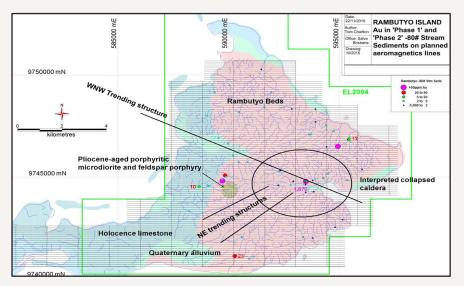
Two copper / gold geochemical anomalies that require following up on the ground, along with an area of clay and 3km<sup>2</sup> potassic alteration that has been identified



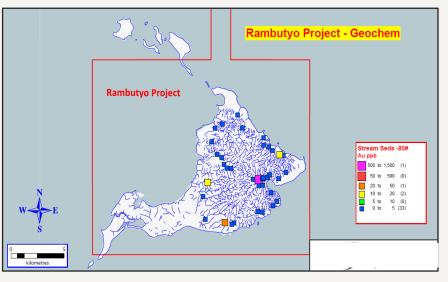
### **NEXT STAGE EXPLORATION:**

- Geological mapping
- Geochem sampling
- Ground geophysics

# Appendix 6 – Rambutyo







### COLLAPSED CALDERA GEOLOGIC SETTING TYPICAL OF MAJOR AU CU DEPOSITS IN PNG

- A highly altered porphyry intrusive is confirmed to exist in the centre of the island
- Late Miocene to Pliocene-aged intrusive porphyries are typically associated with major porphyry Cu / Au deposits in PNG
- Gold anomalism was detected within the collapsed caldera from a highly anomalous stream sediment sample of 1,070ppb Au



### **SLIDE 7 Map of PNG projects**

- (1) Refer to Appendix 7 for technical information disclaimer
- (2) A Special Issue Devoted to Porphyry Epithermal Deposits of SW Pacific, Econ Geology, No.1, Vol 113, Jan Feb 2018
- (3) Tectonics Geology and Copper Gold Metallogeny of New Guinea, Garwin S.L Pacrim, Congress, 2015
- (4) TSXv Announcement, K92 Investor Presentation, November 2020
- (5) Mining Data online (<u>www.mindat.org</u>)
- (6) PorterGeo Database (www.portergeo.com.au)

### **SLIDE 9 Picture of Feni Setting**

Top Left & Right Images Reference) Plate flexure and volcanism: Late Cenozoic tectonics of the Tabar – Lihir-Tanga – Feni alkalic province, New Ireland Basin PNG; Tectonophysics 677 – 678 (2016) 312 – 323 I.D. Lindley 2016

### SLIDE 10 Feni Island targets

Refer to Appendix 7 for technical information disclaimer
 (Right Image Reference) Feni islands IP Survey, Rob Angas, Rama Geophysics Report, October 2020
 (Left Image Reference) Australian Journal of Earth Sciences; Late Quaternary geology of Ambitle Volcano, Feni Island Group, Papua New Guinea;
 I.D. Lindley 2015

### SLIDE 11 Feni Island IP target

(Left & Right Image Reference) Feni islands IP Survey, Rob Angas, Rama Geophysics Report, October 2020



### **Technical Information - Disclaimer**

The technical information in this presentation regarding the Feni and Fergusson Island projects is derived from following reports respectively: (i) independent technical report with an effective date of September 15, 2020 and entitled "43-101 Technical Report on the Feni Gold-Copper Property, New Ireland Province, Papua New Guinea", prepared by Mark Berry (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG) of Derisk Geomining Consultants Pty Ltd.; and (ii) independent technical report with an effective date of September 15, 2020 and entitled "43-101 Technical Report on the Fergusson Gold Property, Milne Bay Province, Papua New Guinea", prepared by Mark Berry (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG), Simon Tear (MIGI PGeo), Matthew White (MAIG) and Ian Ryan Roy (MAIG) of Derisk Geomining Consultants Pty Ltd.

The Feni and Fergusson Island projects have current Inferred mineral resources which have been re-reported by the authors of the technical reports noted above using the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves at an effective date of September 15, 2020 after reviewing and reassessing the data inputs, estimation parameters and reporting criterion for historical resources in respect of the projects. Mineral resources are not mineral reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the mineral resources will be converted into mineral reserves.

The technical information in this presentation regarding the 2021 exploration results for the Gameta Project has been reviewed and approved by Rod Watt, who is a fellow of the Australian Institute of Mining and Metallurgy (AusIMM) and a Qualified Person as defined by National Instrument 43-101 - Standards of Disclosure for Mineral Projects (NI43-101). Mr Watt verified the data disclosed in this press release in accordance with standard best practices, including sampling, analytical, and test data underlying the information or opinions contained therein.

Certain information in this presentation regarding the activities of other companies and other market information has been obtained from publicly available information and industry reports. Such reports generally state that the information contained therein has been obtained from sources believed to be reliable, but the accuracy or completeness of such information is not guaranteed. We have not independently verified or cannot guarantee the accuracy or completeness of that information and investors should use caution in placing reliance on such information.

# **Appendix 8 – PNG KEY FACTS**

PNG Has a Strong Track Record in Developing Mineral Resource Projects



### PAPUA NEW GUINEA

- Proven jurisdiction for discovery and development of major mineral projects
- Long established laws and mining regulations, based on centralised government with Westminster system of democracy.
- Substantial Mining / Oil and Gas culture with an ever growing incountry skill base
- Population of 9 million, predominantly Christian with 90% of the population under the age of 54



### FINANCIALS

- GDP average growth of circa 4% since 2000 with 26% of GDP exclusively from natural resources
- In 2019 a GDP of USD\$24.97 billion was recorded
- Corporate tax rate of 30%
- PNG Mineral Resources Authority and third party royalties – 2% + 0.5% production levy



### MINING REGULATIONS

- EL Exploration lease: Initial term of up to 2 years with renewal increments of 2 years
- SML Special Mining lease: Large mines up to 40 years with specific renewal provisions
- ML Mining lease: Initial 20 year term up to 60km<sup>2</sup> and renewal in 10 year increments
- PNG Government has a one time right upon conversion from EL to ML or SML to purchase up to a 30% interest in project at sunk cost