



TIETTO MINERALS



PRECIOUS METALS SUMMIT
CONFERENCES, LLC
Where the smart money goes prospecting

RAPIDLY GROWING HIGH-GRADE GOLD AT ABUJAR



Beaver Creek Summit – Virtual (EDT) Tuesday – Thursday, September 15-17, 2020

(ASX:TIE)



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COMPETENT PERSONS STATEMENT

The information in this presentation that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Mark Strizek, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Strizek is a non-executive director of the Company. Mr Strizek has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaking to qualify as a Competent Person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Strizek consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears. Additionally, Mr Strizek confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this presentation.

The information in this presentation that relates to Mineral Resources was prepared by RPM Global and released on the ASX platform on 12 November 2019. The Company confirms that it is not aware of any new information or data that materially affects the relating to Minerals Resources in this publication. The Company confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the RPM Global’s findings are presented have not been materially modified.

The information in this report that relates to Mineral Resources is based on information evaluated by Mr Jeremy Clark who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Clark is a Director of RPM Global and he consents to the inclusion of the estimates in the report of the Mineral Resource in the form and context in which they appear.

COMPLIANCE STATEMENT

This presentation contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (“2012 JORC Code”) and available for viewing at www.tietto.com. Includes results reported previously and published on ASX platform, 16 January 2018, 27 March 2018, 23 April 2018, 8 May 2018, 7 June 2018, 4 October 2018, 1 November 2018, 28 November 2018, 31 January 2019, 26 February 2019, 12 March 2019, 19 March 2019, 9 April 2019, 9 May 2019, 30 May 2019, 9 July 2019, 26 July 2019, 2 October 2019, 24 October 2019, 12 December 2019, 23 January 2020, 20 February 2020, 10 March 2020, 24 March 2020, 2 April 2020, 9 April 2020, 23 April 2020, 3 June 2020, 9 June 2020, 25 June 2020, 2 July 2020, 21 July 2020 20 July 2020, 29 July 2020, 19 August 2020 and 9 September 2020. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous announcements.

DEVELOPMENT OF ABUJAR

GROWING 2.2MOZ OPEN PIT RESOURCE

Tietto's diamond drill rigs have delivered 61,000m+ drilling with some of the gold sector's lowest costs since Oct 2019

RESOURCE UPDATE ON TRACK FOR OCT 2020

Funded to aggressively grow resources and establish standalone gold camp of scale

Substantial exploration upside remaining – 90% of Abujar's 70km mineralised structure is untested

PRE-FEASIBILITY STUDY DUE Q1 CY2021

Updated Resource Estimate to be incorporated into Pre-Feasibility Study

Metallurgical test work demonstrating potential for simple crushing and Single Stage crusher and SAG mill (SSAG) operation

ESTABLISHING
ABUJAR AS A
STANDALONE
GOLD
OPERATION

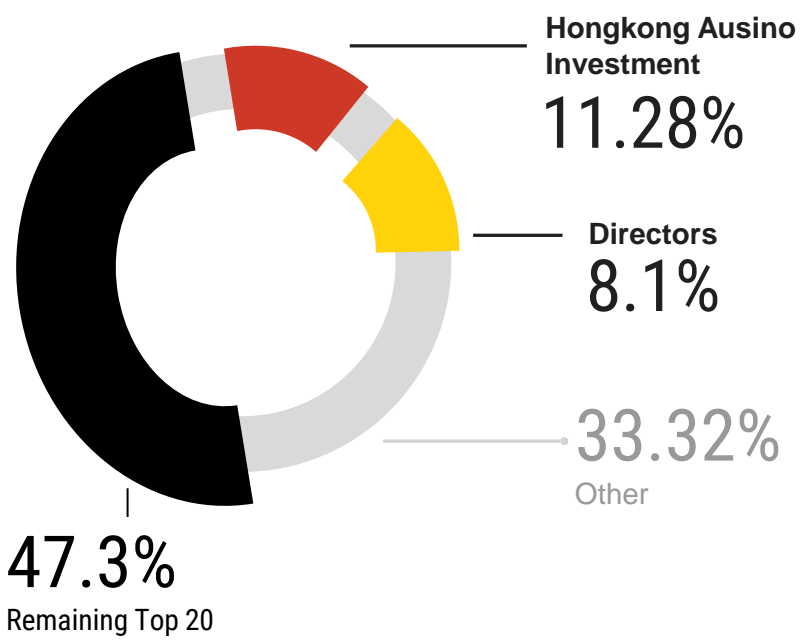


CORPORATE UPDATE

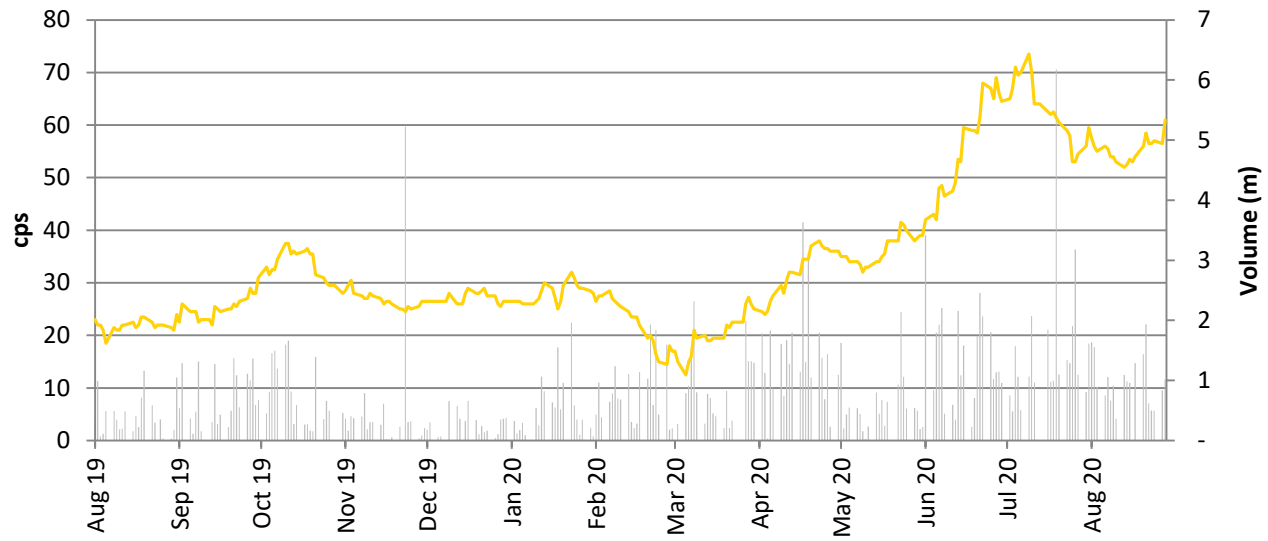
CAPITAL STRUCTURE (ASX:TIE)

A\$0.61 Share price (15 Sept 20)	394M Shares on issue	A\$240M Market Capitalisation	A\$30M Cash (Sept 20)	A\$210M Enterprise Value
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SHAREHOLDERS



SHARE PRICE MOVEMENT





DIRECTORS AND RESEARCH

DIRECTORS

FRANCIS HARPER

Non-Executive
Chairman

DR CAIGEN WANG

Managing
Director and Founder

DR PAUL KITTO

Technical
Director

MARK STRIZEK

Executive
Director

HANJING XU

Non-Executive
Director

RESEARCH

ARGONAUT

Matt Keane

CANACCORD

Paul Howard

EUROZ

Jon Bishop

FOSTER

Mark Fichera

UNLOCKING CÔTE D'IVOIRE'S GOLD

Increasing Gold Production

32.6t of gold produced from 5 mines in 2019

Extensive Greenstone Belts

Hosts West Africa's largest share of greenstone belts for prospective gold (~ 34%)

Strong Government Support

Tenements granted for 4 years with two 3-year extensions plus 2-year special extension available

Favorable Fiscal Terms

Very favourable 5-year corporate tax-free period followed by 25% corporate tax and 5% Gov't Royalty[^]

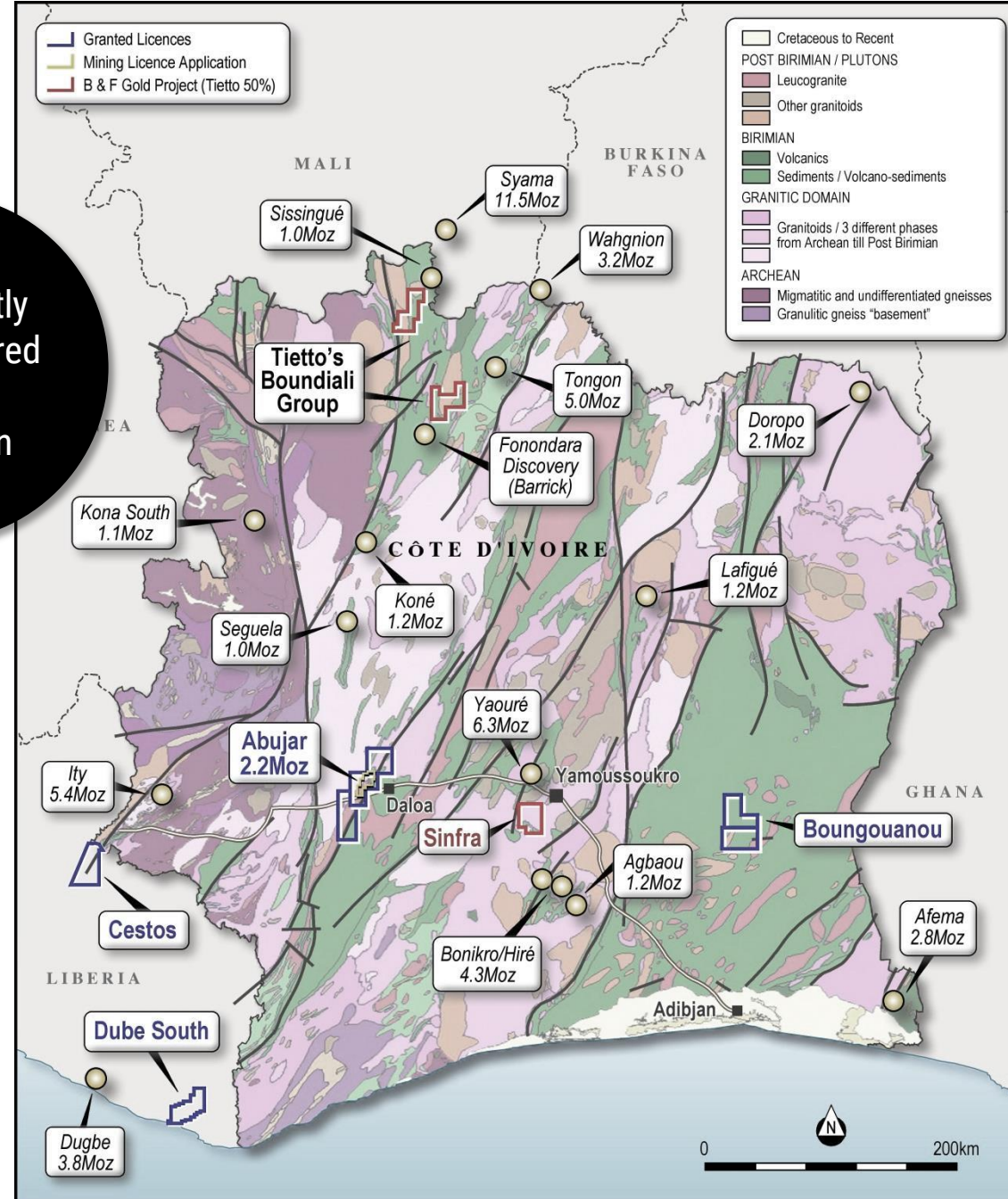
Outstanding Infrastructure

One of Africa's most well-developed nations with outstanding infrastructure

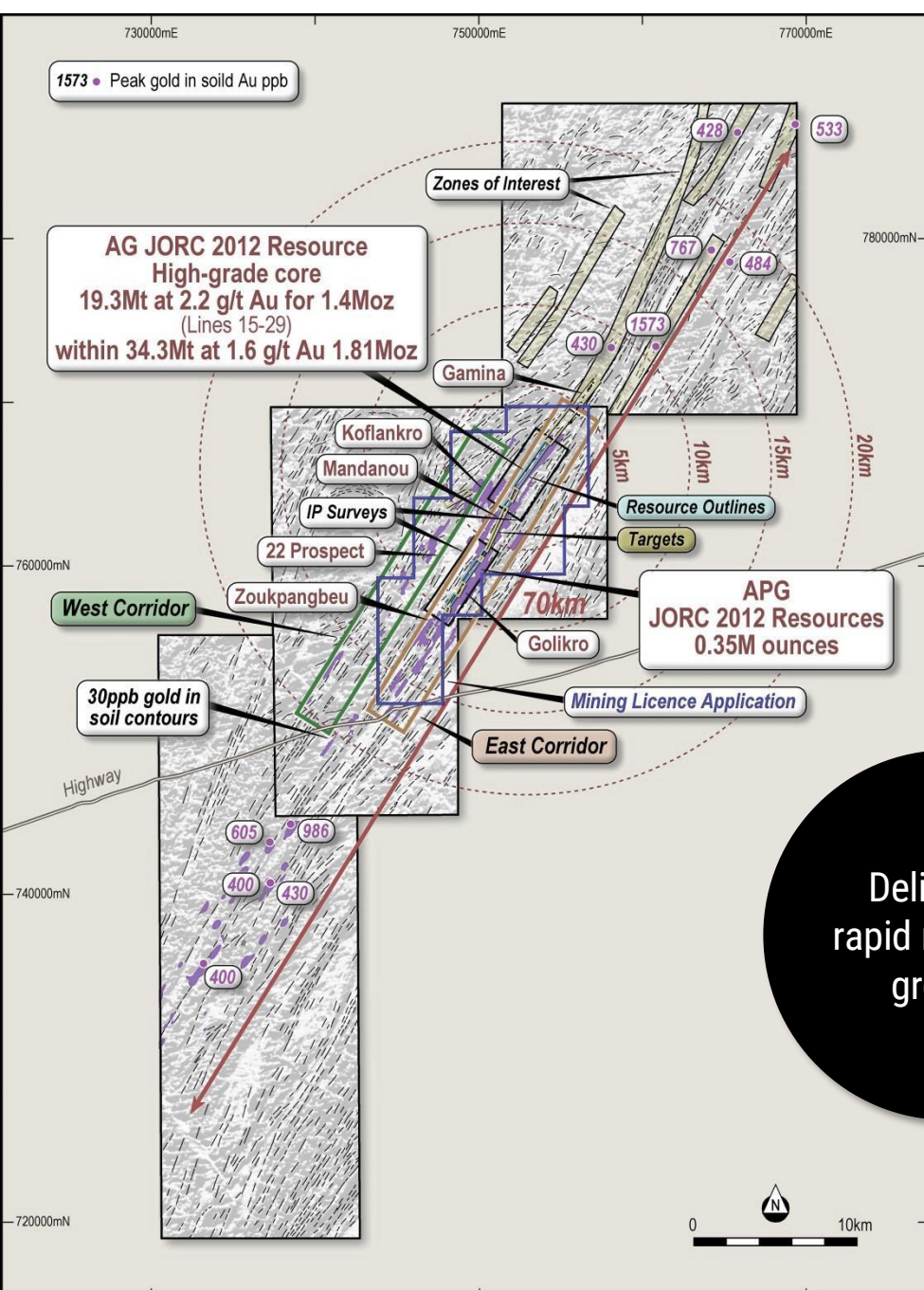
Mining Activity Ramping Up

Cote d'Ivoire gold operations include Endeavour's Ity and Agbaou mines, Barrick's Tongon mine & Perseus' Sissingué mine

Stable, vastly under-explored mining jurisdiction



[^] 5% Gov't Royalty US\$1,600 – US\$2,000



ABUJAR GOLD PROJECT

- JORC Resource of **45.5Mt at 1.5g/t Au for 2.15Moz**
- **Update on track** for Q3, CY2020
- **High-grade core** of **1.4Moz at 2.2g/t Au** at AG deposit
- 3 contiguous tenements totalling 1,114km²
- JORC 2012 Resource contained within 2 main deposits:
 - **AG** – 34.3Mt for 1.81Moz, containing 1.4Moz high-grade core
 - **APG** – 11.2Mt at 1.0 g/t for 0.35Moz
- 70km strike length, multiple targets, less than 10% explored
- Metallurgical testwork demonstrates high gold recovery (>98%)
- Adding over 61,000m diamond drilling into next resource update
- Tietto's fleet of 5 DD rigs achieving low cost drilling @ ~\$35/m
- Completing ~8,500m of diamond drilling at Abujar per month

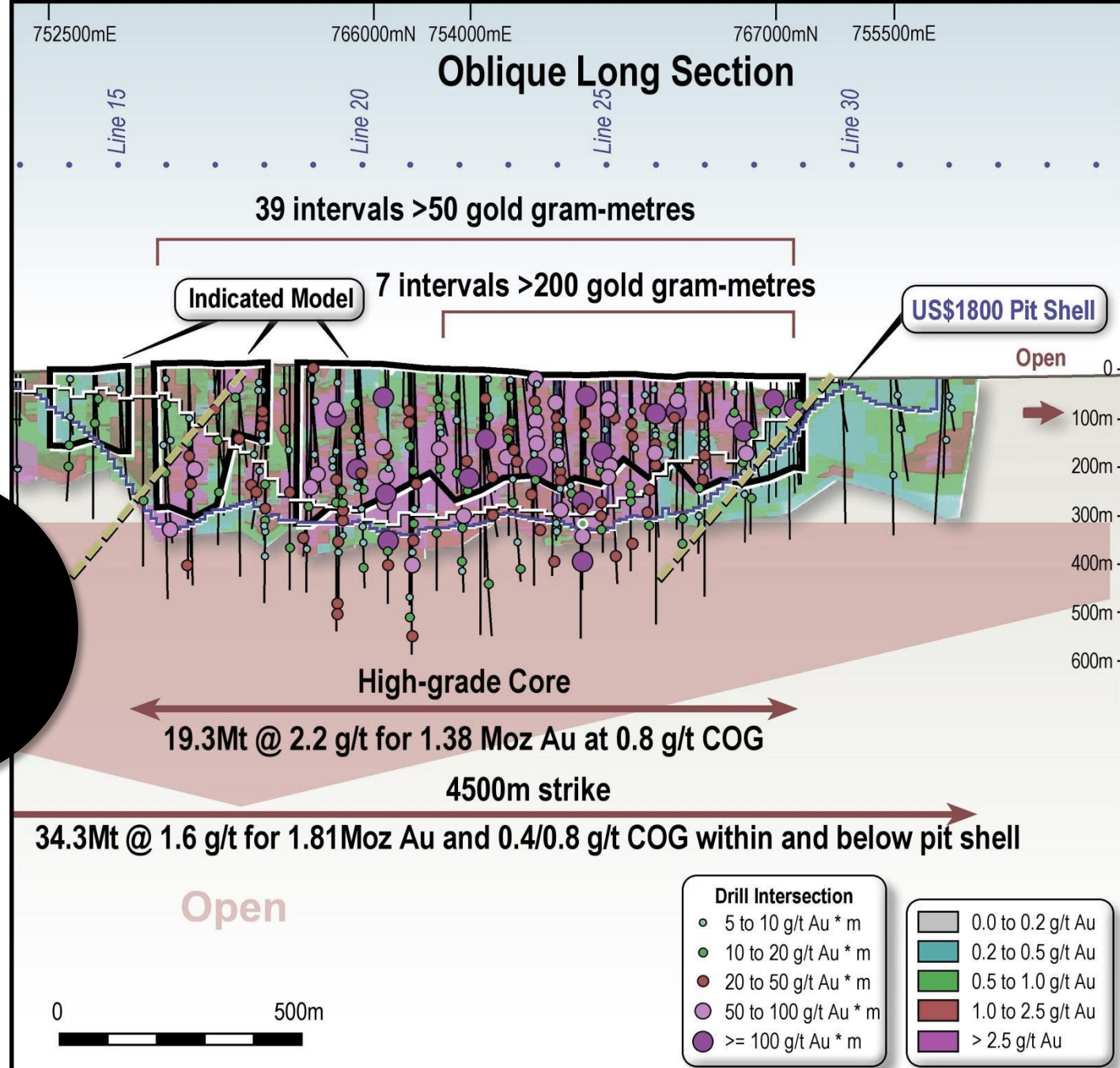
Delivering
rapid resource
growth

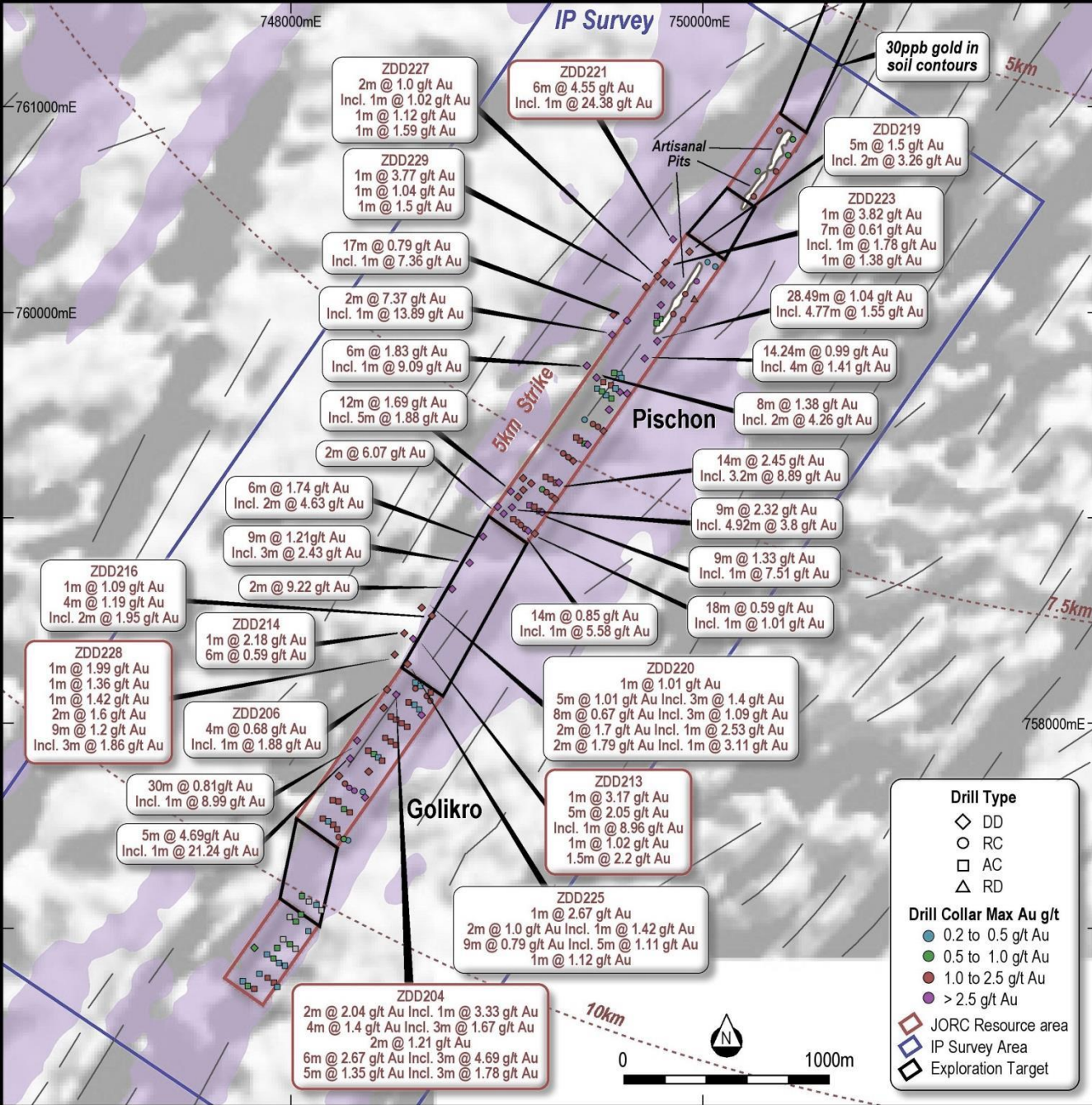


AG DEPOSIT

- Drill testing **extensions to high-grade core** at AG
- Results from AG **extend gold mineralisation 100m** below existing resource
- Notable results include:
 - **7m @ 57.79 g/t Au** from 76m
 - **7m @ 41.76 g/t Au** from 55m
 - **21m @ 13.02 g/t Au** from 215m
 - **16m @ 16.31 g/t Au** from 111m
 - **2m @ 113.3 g/t Au** from 83m
 - **18m @ 11.72 g/t Au** from 39m
 - **6m @ 9.35g/t Au** from 317m
 - **5m @ 17.22 g/t Au** from 374m
- Mineralisation open along strike, down dip
- AG resource update expected **October 2020**

High-grade gold from surface





APG DEPOSIT

TARGETING GROWTH IN 2020

- Inferred JORC 2012 Mineral Resource of 12.24Mt @ 1.0g/t Au for 350,000oz
- Gold mineralisation intersected over a 5km strike
- Drilling has defined a wide mineralised gold system
- Recent results include:
 - 9m @ 2.32g/t Au from 160m incl. 4.92m @ 3.80g/t Au
 - 14m @ 2.45g/t Au from 50m
 - 28.5m @ 1.04g/t Au from 22m
- 12,000m exploration drilling underway; 1.5km strike to test
- Potential for a satellite mining operation.

5km south of high-grade AG deposit

PRIORITY EXPLORATION TARGETS

AG Core – High-grade core extension

- Over 1km strike high grade core from Line 15 to Line 29

AG South - Mandanou

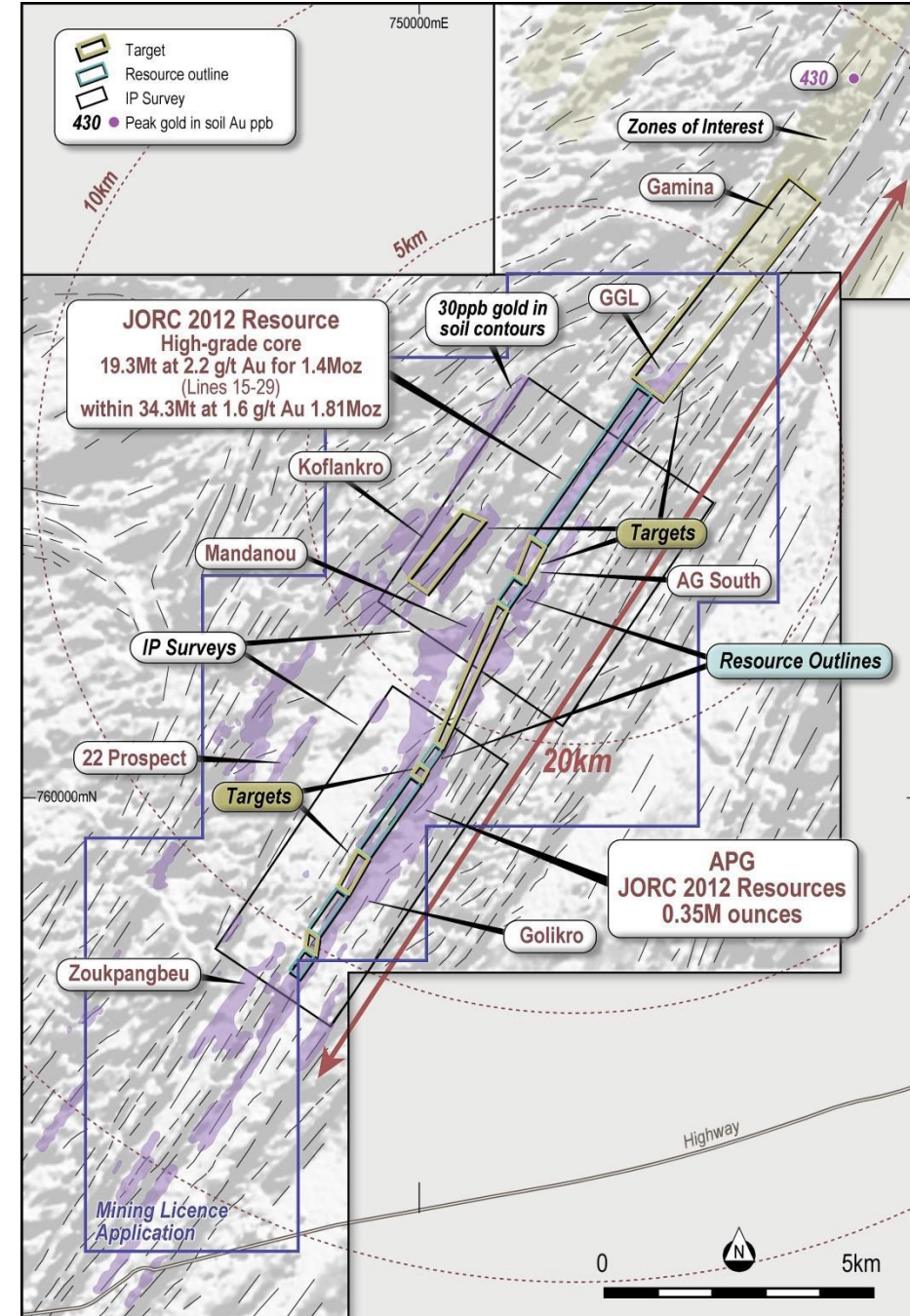
- Mineralised linkage structure connecting AG to the oxide resources at APG
- Drilling intersecting shallow high-grade quartz veins
- Extensive artisanal workings

GG Link – AG North to Gamina

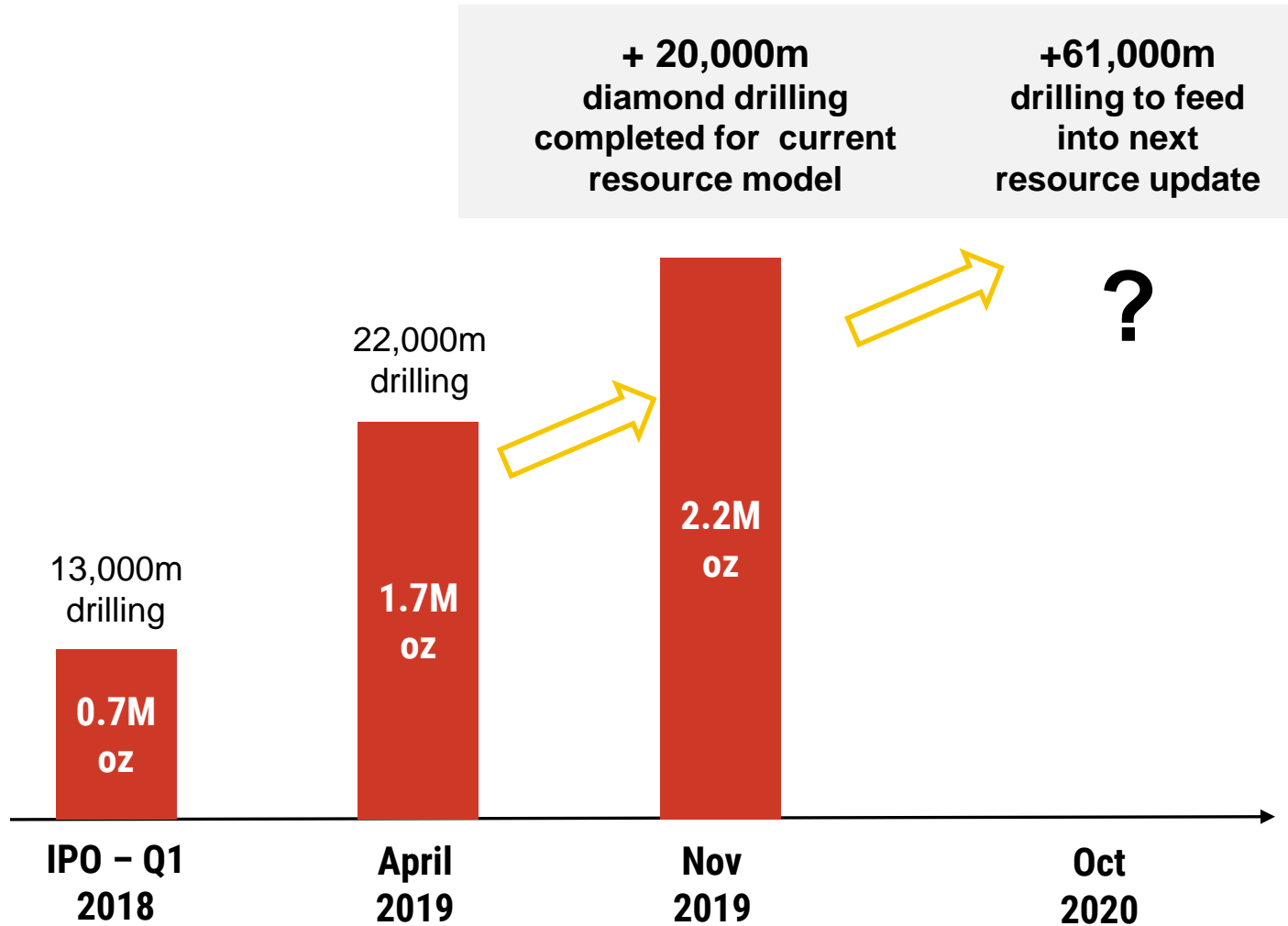
- Over 4.5km of strike north of high-grade core at AG
- Extensive artisanal workings
- Drilling planned this quarter

APG SOUTH – STEPBACK ALONG STRIKE AND DIP

Stepping out –
targeting
resource growth



RAPIDLY GROWING ABUJAR RESOURCE

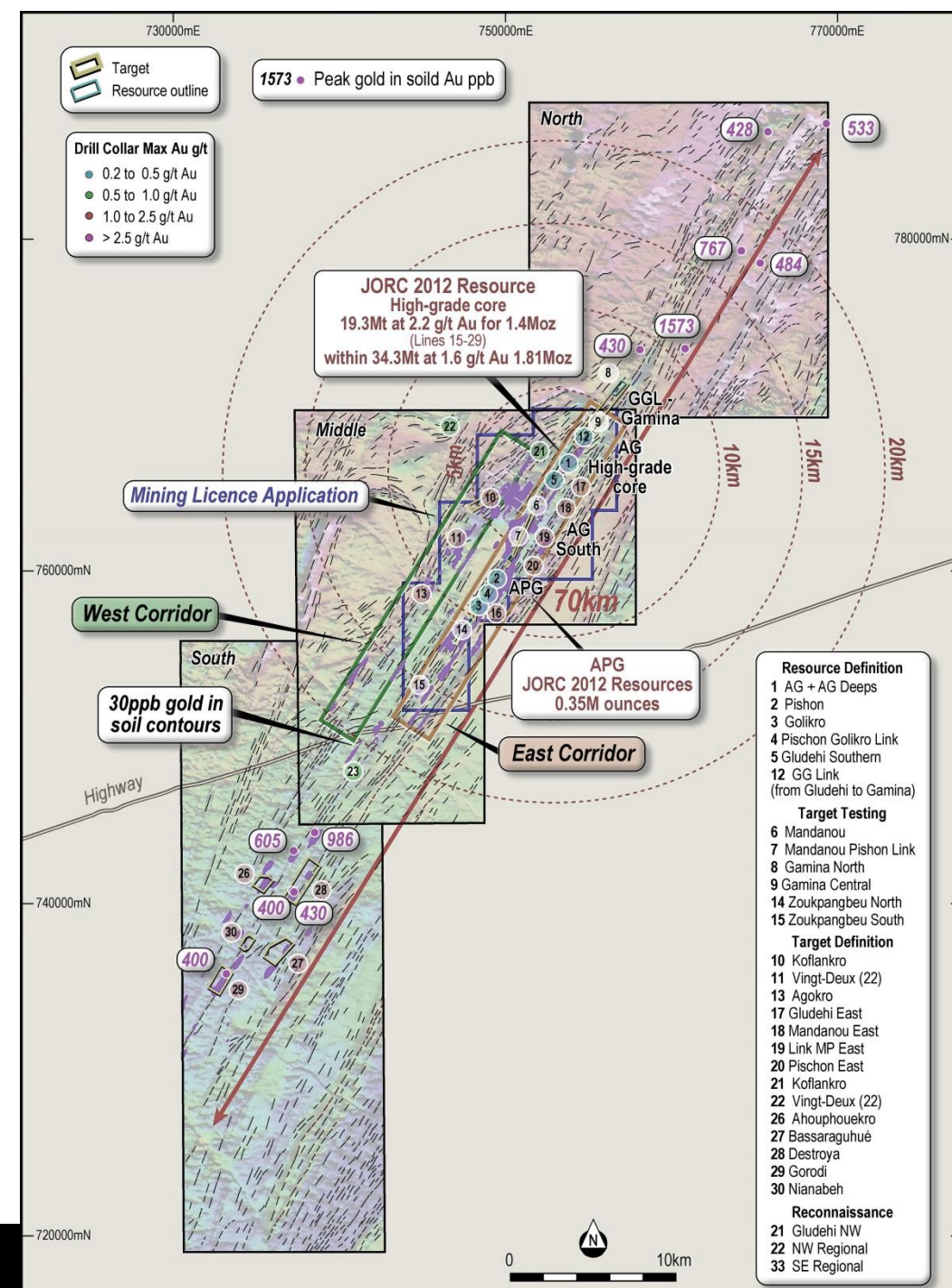


PIPELINE OF PROSPECTS

Aggressive drilling programs designed to drive continued resource growth throughout 2021

Tietto's fleet of diamond rigs deliver rapid resource growth with some of the gold sectors lowest costs

Tenement	Resource Definition	Target Testing	Target Definition	Reconnaissance
Middle	1 AG + AG Deepes	6 Mandanou	10 Koflankro	21 Gludehi NW
	2 Pischon	7 Mandanou Pischon Link	11 Vingt-Deux (22)	22 NW regional
	3 Golikro	8 Gamina North	13 Agokro	23 SE regional
	4 Pischon Golikro Link	9 Gamina Central	16 Potoco	
	5 AG South	14 Zoukpangbeu North	17 Gludehi East	
	12 GGLink (from Gludehi to Gamina)	15 Zoukpangbeu South	18 Mandanou East	
North			24 Gamina North	
			25 Gamina South	
South			26 Ahouphouekro	
			27 Bassaraguhé	
			28 Detroya	
			29 Gorodi	
			30 Nianabeh	

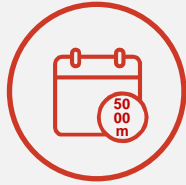


LOW COST EXPLORATION

Drilling
our
dollars
further



Low cost
drilling of
~US\$35/m



Production rate
up to 8,500m per
month*



Consumables
purchased in
bulk

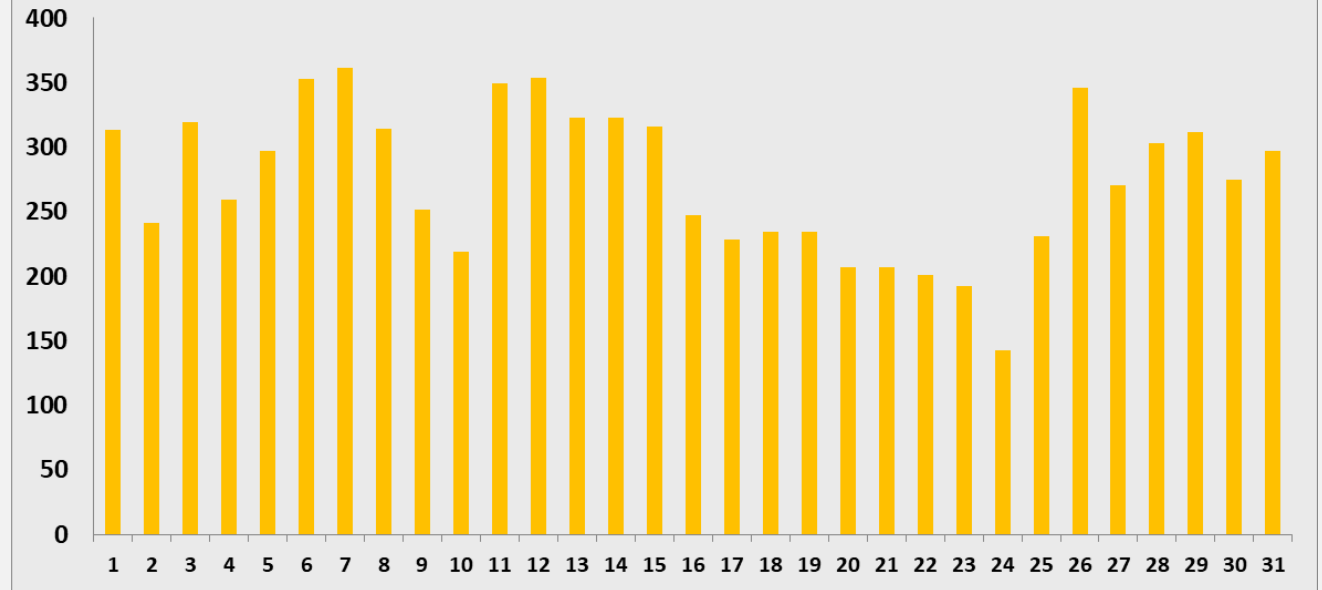


Man portable
rigs with small
footprint



Tietto owns
a fleet of 5
diamond
drill rigs

Daily drilling metres – 4DD rigs in July 2020
(Total 8520m drilled by 4 DD rigs in the month)



* 4 diamond drill rigs



ENCOURAGING TESTWORK RESULTS

- Metallurgical testwork on AG samples indicates potential low-cost processing
- Excellent gold recoveries at coarse grind sizes - 96% (180 µm) to 98% (106 µm) for fresh ore
- Optimum grind sizes between 106-150 µm - potential use of simple single-stage crusher with SAG mill circuit (SSAG)
- Coarser grind sizes (>106 µm) =
 - Reduced energy use
 - Greater throughput
 - **Lower operating cost**
- PFS work now underway

1. ASX release 9 April 2020

2. Various NI 43-101 FS 2015 – 2019 (CDV, PRU, WAF)

3. 2016 Preliminary met testwork (ALS in Perth, Australia)

Process	Material	AG Deposit ⁽¹⁾	Other Projects ⁽²⁾
Gold Recovery⁽³⁾	Gravity	Oxide	5% - 30%
		Trans	15% - 40%
		Fresh	38%
	CIL	Oxide	90% - 95%
		Trans	83% - 95%
		Fresh	90% - 95%
Bond Abrasion Index (Ai)	Oxide	0.02	0.003 - 0.08
	Trans	0.06	0.17 - 0.28
	Fresh	0.28	0.24 - 0.46
Bond Rod Mill Work Index (Rw i)	Oxide	*	3.7 – 8.63
	Trans	8.5	16.6 – 19.1
	Fresh	13.17	19.4 – 22.1
Bond Ball Mill Work Index (Bw i)	Oxide	*	5.4 – 6.1
	Trans	8.95	14.7 – 16.23
	Fresh	12.02	17.78 – 18.9

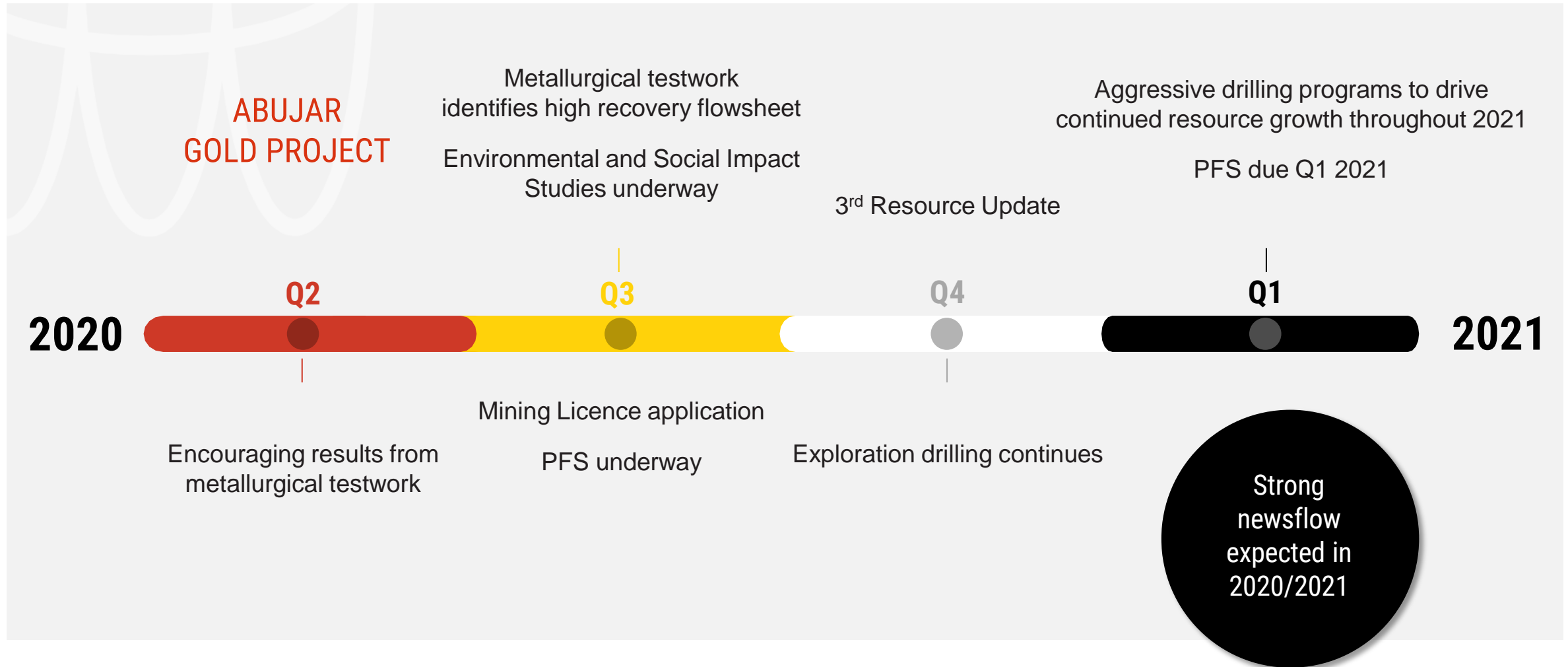
COMMITTED TO OUR COMMUNITY

- Health and safety of our people is a top priority
- Enhancing a safety culture through effective two-way communication and accountability
- Continuous development of employee knowledge of safety best practices
- Working to reduce our footprint through conservation and protection of biodiversity
- Ivoirian environmental consultancy Envitech SARL has commenced baseline ESIA field studies
- Close relationships with local communities





2020/21 CATALYSTS



REGIONAL EXPLORATION → **Geochem | Geophysical survey | Reconnaissance drilling**



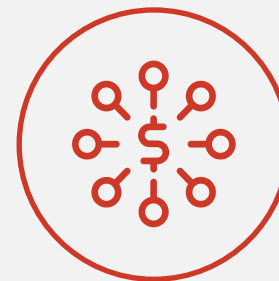
EMERGING WEST AFRICAN GOLD DEVELOPER



2.2moz high-grade
open pit gold resource



Aggressive drilling to drive continued
resource growth throughout 2021



Funded for 2020/21 work program,
strong shareholder base



High impact low-cost
diamond drilling



PFS underway - potential
for low cost processing



Continuous
newsflow



TIETTO MINERALS



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APPENDIX A

Abujar Gold Project - JORC Resources

Mineral Resource Estimates - RPM Global (November 2019)*

Area	Class	Oxide			Transition			Fresh			Total		
		Quantity (Mt)	Au (g/t)	Au (MOz)	Quantity (Mt)	Au (g/t)	Au (MOz)	Quantity (Mt)	Au (g/t)	Au (MOz)	Quantity (Mt)	Au (g/t)	Au (MOz)
AG	Indicated	0.08	2	0.01	0.3	1.6	0.02	14.19	1.8	0.84	14.58	1.8	0.86
	Inferred	0.44	1.5	0.02	1.21	1.3	0.05	18.02	1.5	0.88	19.68	1.5	0.95
	Total	0.53	1.6	0.03	1.51	1.3	0.06	32.22	1.7	1.72	34.26	1.6	1.81
APG	Inferred	1.24	0.7	0.03	3.43	0.8	0.09	6.56	1.1	0.23	11.24	1	0.35
Grand Total		1.77	1	0.06	4.95	1	0.15	38.78	1.6	1.94	45.49	1.5	2.15

Note:

1. The Mineral Resources has been compiled under the supervision of Mr. Jeremy Clark who is a full-time employee of RPM and a Registered Member of the Australian Institute of Mining and Metallurgy. Mr. Clark has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he has undertaken to qualify as a Competent Person as defined in the JORC Code.
2. All Mineral Resources figures reported in the table above represent estimates at 11 November, 2019. Mineral Resource estimates are not precise calculations, being dependent on the interpretation of limited information on the location, shape and continuity of the occurrence and on the available sampling results. The totals contained in the above table have been rounded to reflect the relative uncertainty of the estimate. Rounding may cause some computational discrepancies.
3. Mineral Resources are reported in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The Joint Ore Reserves Committee Code – JORC 2012 Edition).
4. The Mineral Resources have been reported at a 100% equity stake and not factored for ownership proportions.

*Reported at 0.4 g/t Au cut off within pit shells, and 0.8 g/t Au cut off below the shells to a depth of 400 metres for the Gludehi deposit and to 100 metres for the Pishchon deposit.

APPENDIX A

Abujar Gold Project - JORC Resources

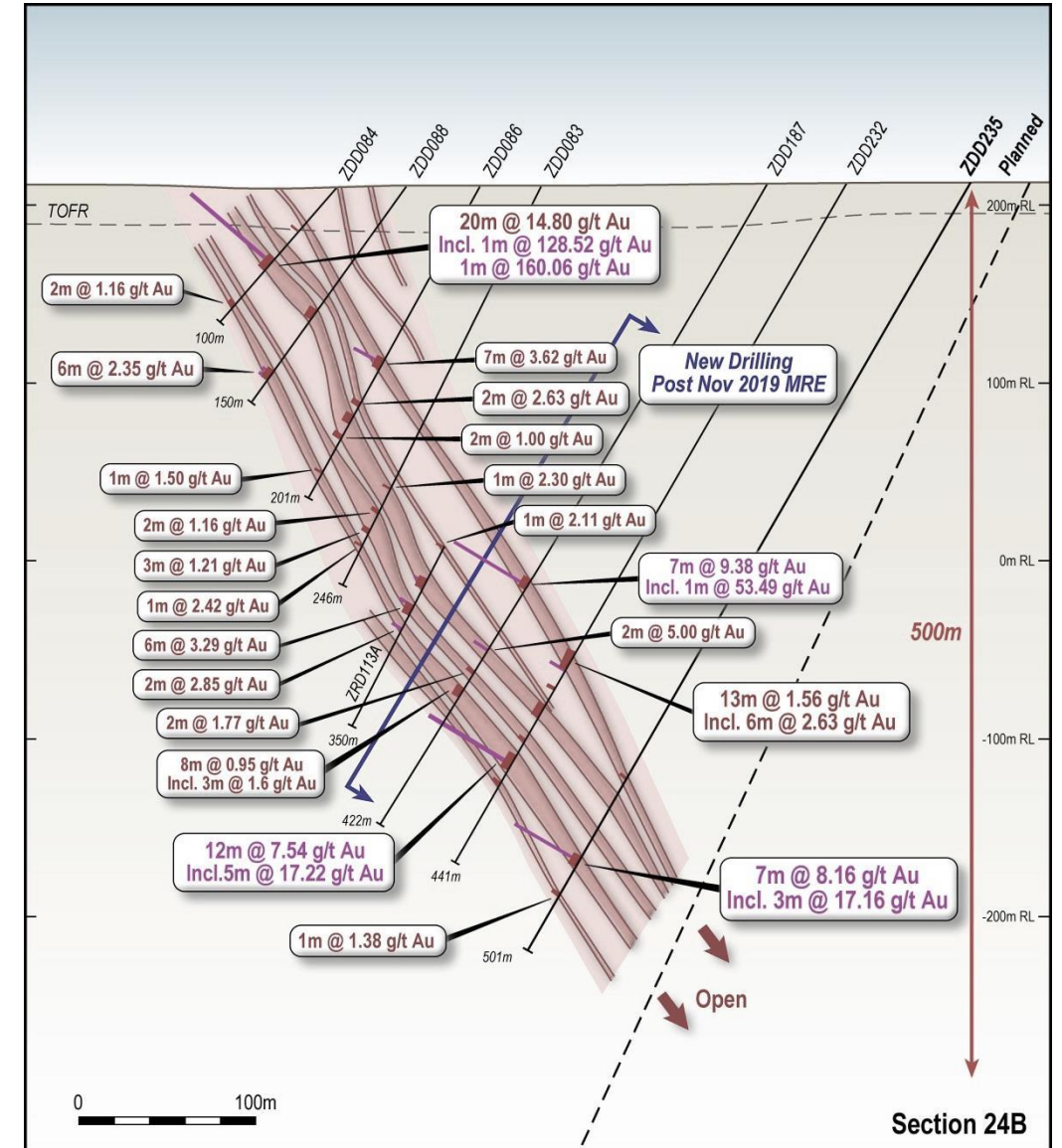
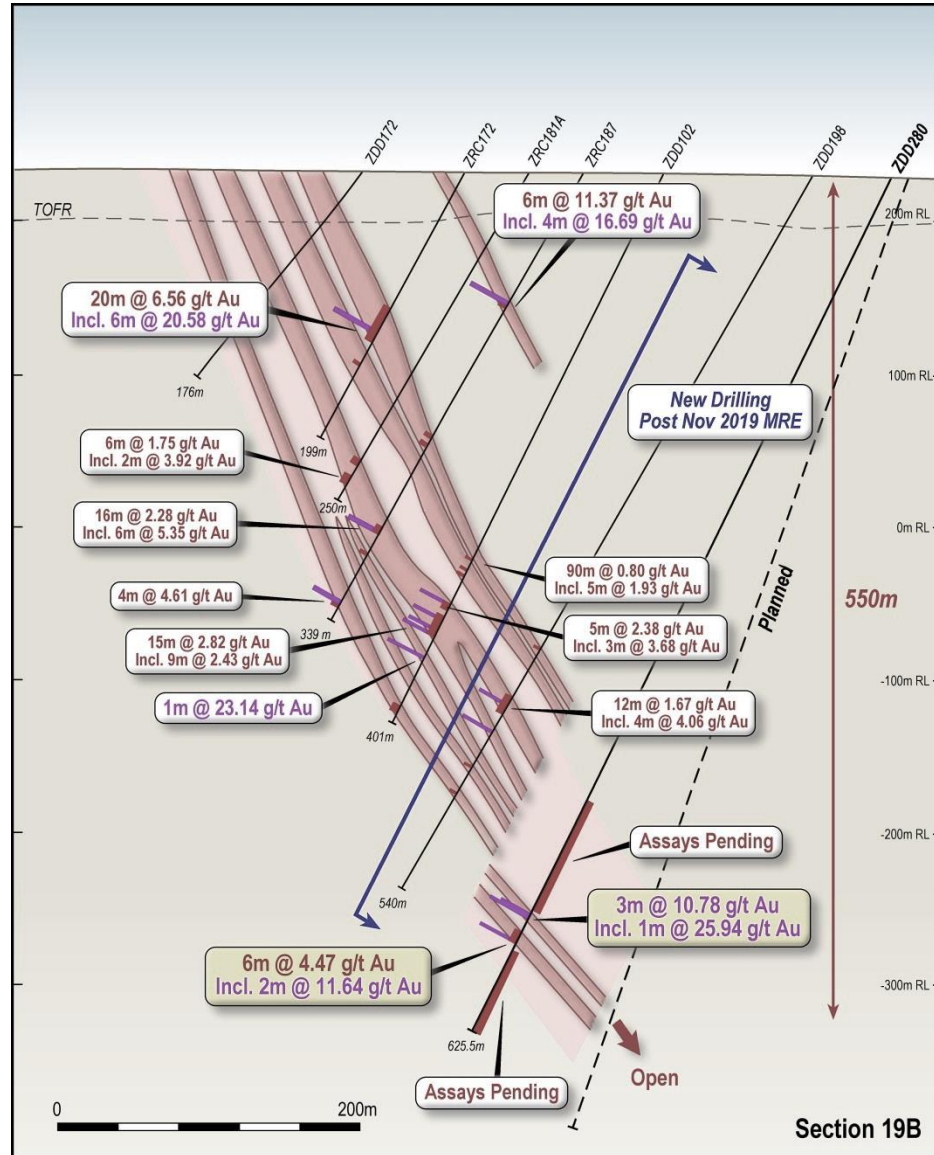
AG JORC 2012 Mineral Resource - RPM Global (November 2019)*

COG	Indicated			Inferred			Total		
	MTonnes	Au g/t	Moz	MTonnes	Au g/t	Moz	MTonnes	Au g/t	Moz
0.3	16.1	1.7	0.88	27.9	1.2	1.09	44.0	1.4	1.97
0.4	15.1	1.8	0.87	25.8	1.3	1.07	40.9	1.5	1.93
0.5	13.7	1.9	0.85	22.8	1.4	1.02	36.5	1.6	1.87
0.6	12.3	2.1	0.82	19.1	1.6	0.96	31.4	1.8	1.78
0.7	10.9	2.3	0.79	15.9	1.7	0.89	26.8	2.0	1.68
0.8	9.7	2.5	0.76	13.6	1.9	0.83	23.3	2.1	1.60
0.9	8.7	2.6	0.74	11.7	2.1	0.78	20.4	2.3	1.52
1	7.8	2.8	0.71	10.4	2.2	0.74	18.3	2.5	1.45
1.1	7.1	3.0	0.69	9.3	2.4	0.70	16.3	2.6	1.39
1.2	6.4	3.2	0.66	8.3	2.5	0.67	14.7	2.8	1.33
1.3	5.9	3.4	0.64	7.5	2.6	0.64	13.3	3.0	1.27
1.4	5.3	3.6	0.62	6.8	2.8	0.60	12.1	3.1	1.22
1.5	4.9	3.8	0.60	6.2	2.9	0.58	11.1	3.3	1.17
1.6	4.5	4.0	0.58	5.5	3.1	0.55	10.0	3.5	1.12
1.8	3.9	4.4	0.54	4.7	3.3	0.50	8.6	3.8	1.04
1.9	3.6	4.6	0.52	4.4	3.4	0.48	7.9	3.9	1.00
2	3.3	4.8	0.51	4.1	3.5	0.46	7.4	4.1	0.97
2.5	2.4	5.7	0.45	2.7	4.2	0.37	5.2	4.9	0.81
3	1.9	6.5	0.40	1.9	4.8	0.29	3.8	5.7	0.69

*AG global Mineral Resources reported at varying cut-off grades no pit shell constraint applied.



APPENDIX B: AG - CROSS SECTIONS





APPENDIX C: REGIONAL PERMITS

Highly prospective – Significant land package

- Boundiali Group (North Côte d'Ivoire)
 - ✓ Within 20Moz+ Au province
- Bongouanou (South-East Côte d'Ivoire)
 - ✓ Underexplored province
 - ✓ Fully granted permits
 - ✓ Reconnaissance geochemical survey planned
- Sinfra (Central Côte d'Ivoire)
 - ✓ Near & along same structure of the Yaouré 6.3Moz deposit
- Cestos (Central North Liberia)
 - ✓ Underexplored province
 - ✓ Near & along same structure of Ity 5Moz mine
- Dube South (South-East Liberia)
 - ✓ Underexplored province
 - ✓ Fully granted permit

