Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

9 June 2020

Tietto hits 5m @ 17.22 g/t gold at AG as high-grade core extends

Highlights:

- **Tietto intersects further high-grade gold mineralisation in step-out diamond drilling at its 2.2Moz Abujar Gold Project, Côte d'Ivoire**
- **High-grade mineralised drill intercepts below Abujar-Gludehi (AG) mineral resource include:**
  - ✓ **12m @ 7.54 g/t Au from 370m incl. 5m @ 17.22 g/t Au**
  - ✓ **6m @ 2.63 g/t Au from 312m**
- **New results, together with recent strong intersections reported from outside of the existing Minerals Resource are expected to result in a positive uplift in the next Mineral Resource Estimate, on track for Sep 2020**
- **High-grade gold mineralisation now demonstrated over 600m strike up to 460m below surface under AG high-grade core, and remains open**
- **Large high-grade gold system remains open along strike and down dip**
- **Tietto's diamond drill rigs active on multiple targets to drive resource growth:**
  - ✓ **AG – Extending high-grade core (19.3Mt @ 2.2 g/t Au for 1.38Moz)**
  - ✓ **AG South – Shallow high-grade gold mineralisation directly south of AG**
  - ✓ **APG – Extension to shallow oxide resource 7km south of AG**
  - ✓ **GGL (from AG to Gamina) – Directly north of AG with extensive artisanal workings**
- **Approximately 3,000 samples awaiting assay – more results expected soon**
- **Tietto remains well funded to deliver project milestones during 2020.**

West African gold explorer and developer **Tietto Minerals Limited (ASX: TIE)** is pleased to report further high-grade gold results from diamond drilling, demonstrating continued growth of the **Abujar-Gludehi** (**AG**) gold mineralised system, part of Tietto's **2.2Moz Abujar Gold Project**, in Côte d'Ivoire, West Africa.

Tietto Managing Director, Dr Caigen Wang, said:

*"We are pleased that our step-out drilling program continues to deliver more high-grade gold intercepts that are growing the **high-grade core** at **AG** along strike and down dip.*

*"We are pushing the envelope and haven't been able to find the limits yet as the **high-grade core** keeps expanding. Standout intercept for this batch was ZDD232, **5m @ 17.22 g/t Au** within **12m @ 7.54 g/t Au** from 370m.*

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

*"It's exciting to see intercepts of these grades and widths lighting up over a 600m strike below the **high-grade core at AG**, they have the right tenor to support a potential underground development below a proposed open pit.*

*"We have a very simple strategy to systematically test the limits of this large high-grade gold system and grow the **high-grade core at AG**. Our drilling rigs will continue to drill deeper and along strike testing the depth and strike potential of these high-grade shoots."*

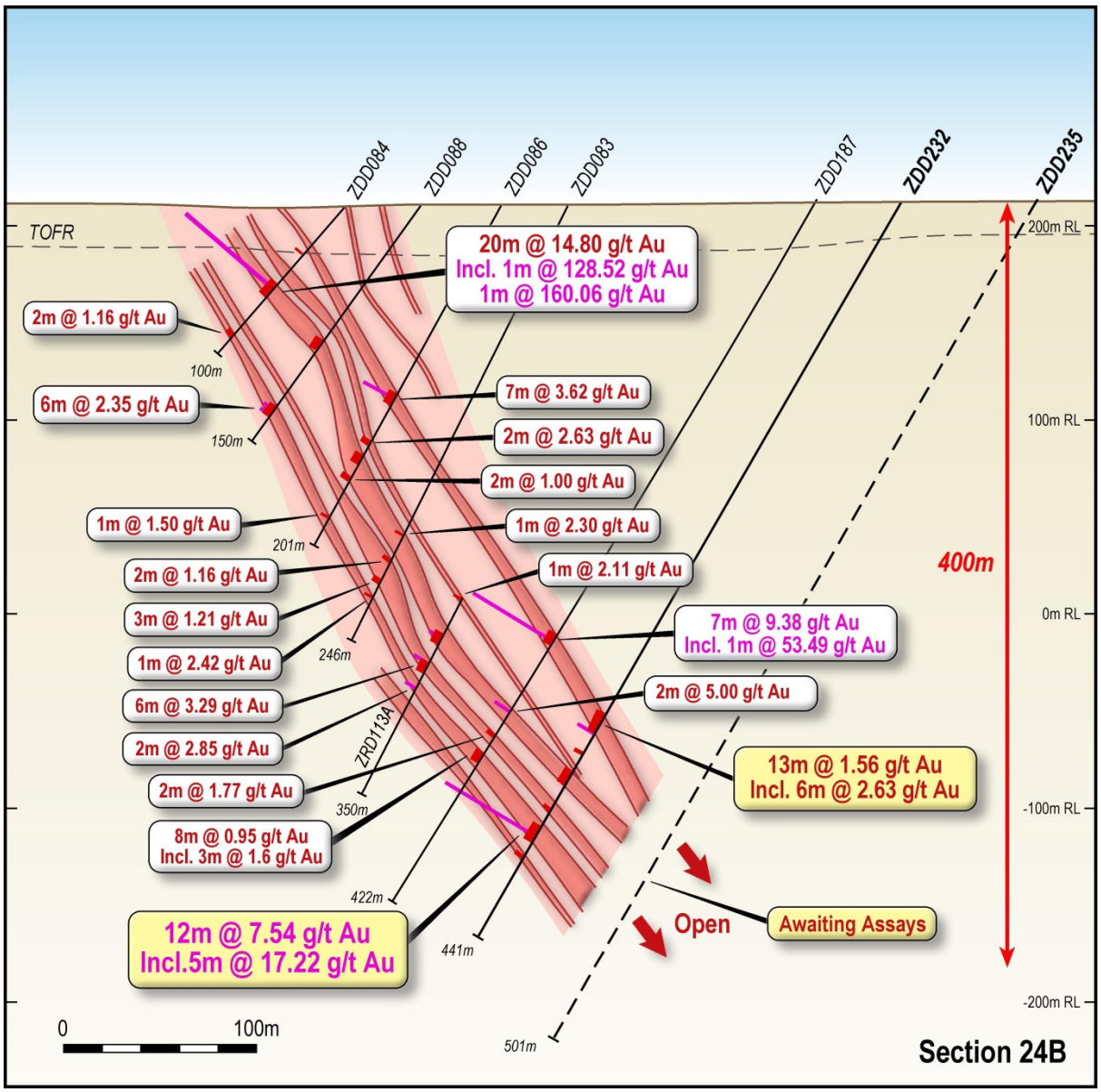

Figure 1: Oblique cross section showing latest drill results at AG

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

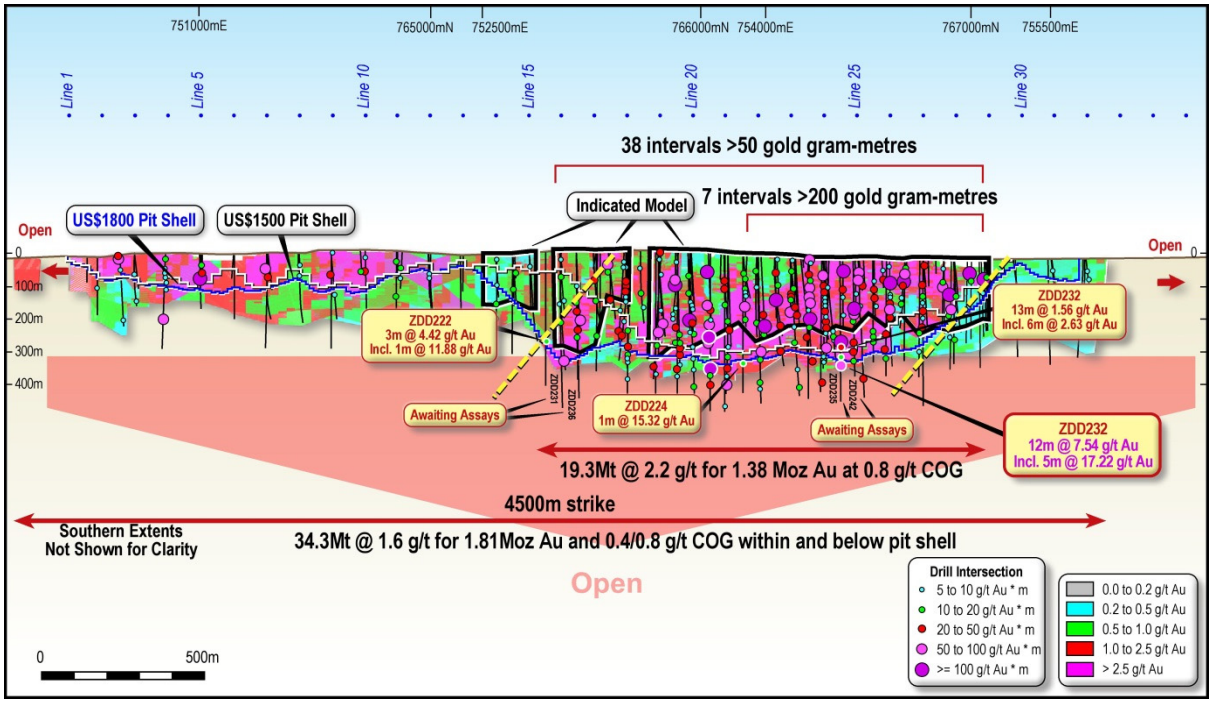

Figure 2: Oblique long section showing latest drill results at AG

Diamond Drilling Progress

Tietto's ongoing diamond drilling program at AG, as part of a 50,000m campaign, is testing the extension of the deposit's high-grade core (**19.3Mt @ 2.2 g/t Au for 1.38Moz**). This announcement relates to 12 diamond holes (5,162.5m), with results for eight holes reported here. Four holes have assays pending.

Significant intersections from 1m diamond drill samples taken from AG are summarised in the table below. A plan showing the latest drill results is presented in Figure 5. An oblique long section in Figure 2 and an oblique cross-section is shown in Figure 1. Drill collar details and assay results are in Table 3 and Table 4 respectively.

Table 1: Significant Intersections from AG

Hole id	Depth from	Depth to	Length	g/t Au	Includes
ZDD232	370.0	382.0	**12.0**	**7.54**	**5m @ 17.22 g/t Au**
ZDD232	305.0	318.0	13.0	1.56	**6m @ 2.63 g/t Au**
ZDD224	357.0	358.0	1.0	15.32	
ZDD222	299.0	302.0	3.0	4.42	**1m @ 11.88 g/t Au**

These latest results add to the growing tally of 38 high-grade gold intercepts that have reported over 50 gold gram meters within the high-grade core at AG (Table 2).

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Table 2: Previously reported assay intervals greater than 50 gold gram metres[1]

Hole id	From	To	Length	g/t Au	Includes[2]	Depth	Section
ZDD035	76.0	83.0	7.0	57.79	4.0m @ 100.73 g/t Au	66	26B
ZDD084	55.0	62.0	7.0	41.76	4.0m @ 72.87 g/t Au	43	24B
ZDD095	215.0	236.0	21.0	13.02	7.0m @ 38.08 g/t Au	195	23B
ZDD043	111.0	127.0	16.0	16.31	9.0m @ 28.67 g/t Au	103	28
ZDD082	83.0	85.0	2.0	113.30	2.0m @ 113.3 g/t Au	70	26
ZDD028	39.0	57.0	18.0	11.72	1.0m @ 194.93 g/t Au	40	28B
ZRC171	238.0	244.0	6.0	34.17	6.0m @ 34.17 g/t Au	212	20
ZDD027	70.0	88.0	18.0	8.37	4.0m @ 34.93 g/t Au	70	29
ZRC172	108.0	128.0	20.0	6.56	6.0m @ 20.58 g/t Au	103	19B
ZDD180	286.0	296.0	10.0	12.09	4.0m @ 29.65 g/t Au	253	20B
ZDD058	179.0	186.0	7.0	15.50	7.0m @ 15.5 g/t Au	158	25
ZDD061	254.0	255.0	1.0	103.90	1.0m @ 103.9 g/t Au	218	22
ZRC188	70.0	72.0	2.0	51.14	2.0m @ 51.14 g/t Au	62	20B
ZDD074	174.0	176.0	2.0	50.65	1.0m @ 100.39 g/t Au	141	22B
ZDD232	370.0	382.0	12.0	7.54	5m @ 17.22 g/t Au	325	24B
ZRC164A	268.0	286.0	18.0	4.90	12.0m @ 6.92 g/t Au	249	19
ZDD096	173.0	178.0	5.0	17.27	4.0m @ 21.45 g/t Au	144	23B
ZDD081	78.0	94.0	16.0	4.75	6.0m @ 8.44 g/t Au	71	25
ARC17	48.0	58.0	10.0	7.46	8.0m @ 9.21 g/t Au	37	17B
ZDD029	91.0	97.0	6.0	12.07	6.0m @ 12.07 g/t Au	80	27B
ZRC047A	208.0	218.0	10.0	7.16	6.0m @ 11.66 g/t Au	167	23
ZDD212	401.0	406.0	5.0	14.23	2.0m @ 34.7 g/t Au	350	20B
ZDD043	177.0	178.0	1.0	70.35	1.0m @ 70.35 g/t Au	152	28
ZDD092	147.0	153.0	6.0	11.49	6.0m @ 11.49 g/t Au	126	23B
ZRC187	100.0	106.0	6.0	11.37	4.0m @ 16.69 g/t Au	88	19B
ZDD096	122.0	124.0	2.0	33.53	2.0m @ 33.53 g/t Au	100	23B
ZDD187	259.0	267.0	8.0	8.26	7.0m @ 9.38 g/t Au	225	24B
ZRC169B	186.0	192.0	6.0	10.52	6.0m @ 10.52 g/t Au	156	21B
ZRC037	66.0	68.0	2.0	31.10	2.0m @ 31.1 g/t Au	48	25
ZDD104	364.0	370.0	6.0	9.91	1.0m @ 55.28 g/t Au	336	16
ZRC044	74.0	76.0	2.0	29.50	2.0m @ 29.5 g/t Au	56	24
ZRD104	245.0	251.0	6.0	9.60	5.0m @ 11.44 g/t Au	221	19
ZDD180	317.0	323.0	6.0	9.35	4.0m @ 13.85 g/t Au	278	20B
ZRC188	252.0	254.0	2.0	27.70	2.0m @ 27.7 g/t Au	222	20B
ZDD058	194.0	198.0	4.0	13.63	4.0m @ 13.63 g/t Au	169	25
ZDD093	0.0	2.0	2.0	26.33	1.0m @ 52.25 g/t Au	1	23B
ZDD080	54.0	56.0	2.0	26.05	2.0m @ 26.05 g/t Au	47	26B
ZRC174	240.0	250.0	10.0	5.00	10.0m @ 5.0 g/t Au	210	16B

[1] 0.4 g/t Au cut off used with max 3m internal dilution and no top cut applied
[2] 1.0 g/t Au cut off used with max 3m internal dilution and no top cut applied

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

High-grade gold mineralisation remains open along strike and at depth. Drilling has confirmed a contiguous zone of high-grade gold mineralisation over a strike length of 600m, which is open to the north and south below the high-grade core at **AG**. Tietto has intersected gold mineralisation up to 460m below surface and gold mineralisation remains open at depth. Tietto is planning to drill more holes along strike as well as further step-back drilling to test the depth limits.

COVID-19

Tietto's exploration activities continue at site and there have been no cases of COVID-19 infection reported by any of the Company's employees.

Regular shipments of supplies and fuel are being received at site. Tietto is prepared for any interruption in freight movement and maintains stockpiles of supplies, fuel and drilling consumables on site.

Next Steps

Tietto's fully funded 50,000-metre drill program continues aiming to increase the resource inventory of existing deposits as well as identifying new prospects within the Abujar Project's 70km long gold corridor, of which 90% of the strike length remains to be tested.

Tietto continues to benefit from operating with some of the lowest exploration costs in the gold sector with ever improving drill production rates driving this cost efficiency. This will ensure a steady flow of drill results which will be incorporated into an Abujar resource update scheduled for Q3 2020, building on the existing 2.2Moz gold resource.

The Company expects to report more drilling results in coming weeks.

Increase to Managing Director's Remuneration

Tietto advises that the Tietto Board has increased Managing Director Dr Caigen Wang's remuneration following a review of his outstanding performance since IPO in delivering two substantial upgrades to gold resources and implementing and managing the lowest cost diamond drilling teams that the Board is aware of. Dr Wang's total fixed remuneration has been adjusted to $400,000 (inclusive of superannuation) per annum, effective 1 June 2020. All other terms of Dr Wang's remuneration remain unchanged

ENDS

This update has been authorised by the Board of Tietto Minerals Limited. For further information contact:

Dr Caigen Wang
Managing Director
Tel: +61 8 9331 6710

Mark Strizek
Executive Director
Mob: +61 431 084 305

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Competent Person Statements

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Mark Strizek, a Competent Person who is a Member or 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 report.

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 an employee of RPMGlobal Asia Limited 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 report 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 November 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 and 3 June 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.

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Table 3: Drill Collar Information of holes reported

Hole ID	Easting	Northing	Elevation	Depth (m)	dip	Azimuth	Section	Hole type
ZDD210	754,010	766,629	208	481.5	-65	305	27	DD
ZDD215	753,147	765,708	218	250.5	-60	305	14B	DD
ZDD217	753,192	765,677	216	322.5	-60	305	14B	DD
ZDD218	753,661	766,203	228	481.5	-60	305	21B	DD
ZDD222	753,269	765,745	221	381.0	-60	305	15B	DD
ZDD224	753,796	766,352	218	500.0	-60	305	23B	DD
ZDD226	753,330	765,702	218	453.0	-60	305	15B	DD
ZDD231	753,368	765,737	219	520.5	-63	305	16	DD*
ZDD232	753,841	766,443	212	441.0	-60	305	24B	DD
ZDD235	753,899	766,403	213	501.0	-60	305	24B	DD*
ZDD236	753,393	765,778	222	500.0	-60	305	16B	DD*
ZDD242	753,755	766,564	210	330.0	-60	305	25	DD*
12 Holes				**5,162.5m**				

* Assays pending

Table 4: Assay results being reported[3]

Hole id	Depth from	Depth to	Length	g/t Au	Includes[4]
ZDD210	319.0	320.0	1.0	6.52	1.0m @ 6.52 g/t Au
ZDD210	334.0	335.0	1.0	1.81	1.0m @ 1.81 g/t Au
ZDD210	349.0	353.0	4.0	0.51	
ZDD210	358.0	359.0	1.0	0.44	
ZDD210	363.0	376.0	13.0	0.46	1.0m @ 1.48 g/t Au
ZDD210	386.0	387.0	1.0	1.04	1.0m @ 1.04 g/t Au
ZDD215	0.0	1.0	1.0	0.65	
ZDD215	41.0	42.0	1.0	0.60	
ZDD215	76.0	77.0	1.0	1.38	1.0m @ 1.38 g/t Au
ZDD215	126.0	127.0	1.0	0.49	
ZDD215	170.0	172.0	2.0	0.69	
ZDD215	200.0	201.0	1.0	0.47	
ZDD215	221.0	230.0	9.0	0.56	1.0m @ 2.34 g/t Au
ZDD217	247.0	248.0	1.0	0.75	
ZDD217	295.0	296.0	1.0	0.65	
ZDD217	304.0	305.0	1.0	0.92	

[3] 0.4 g/t Au cut off used with max 3m internal dilution and no top cut applied
[4] 1.0 g/t Au cut off used with max 3m internal dilution and no top cut applied

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

ZDD217	312.0	313.0	1.0	0.51	
ZDD218	211.0	213.0	2.0	1.45	2.0m @ 1.45 g/t Au
ZDD218	231.0	232.0	1.0	0.78	
ZDD218	344.0	345.0	1.0	0.49	
ZDD218	348.0	349.0	1.0	0.56	
ZDD218	360.0	361.0	1.0	0.42	
ZDD218	362.0	363.0	1.0	0.44	
ZDD218	382.0	394.0	12.0	0.94	**1.0m @ 5.47 g/t Au**
ZDD218	398.0	399.0	1.0	0.45	
ZDD218	407.0	410.0	3.0	1.47	3.0m @ 1.47 g/t Au
ZDD218	428.0	430.0	2.0	1.05	1.0m @ 1.66 g/t Au
ZDD218	434.0	435.0	1.0	0.91	
ZDD222	271.0	272.0	1.0	0.54	
ZDD222	283.0	284.0	1.0	2.13	1.0m @ 2.13 g/t Au
ZDD222	299.0	302.0	3.0	4.42	**1.0m @ 11.88 g/t Au**
ZDD222	312.0	313.0	1.0	0.44	
ZDD222	323.0	324.0	1.0	0.48	
ZDD222	343.0	348.0	5.0	0.47	
ZDD222	374.0	375.0	1.0	0.67	
ZDD224	287.0	288.0	1.0	2.29	1.0m @ 2.29 g/t Au
ZDD224	331.0	333.0	2.0	0.60	
ZDD224	357.0	358.0	1.0	15.32	**1.0m @ 15.32 g/t Au**
ZDD224	366.0	369.0	3.0	0.84	1.0m @ 1.18 g/t Au
ZDD224	377.0	381.0	4.0	0.53	
ZDD224	388.0	389.0	1.0	0.53	
ZDD224	391.0	392.0	1.0	0.48	
ZDD224	398.0	404.0	6.0	1.09	3.0m @ 1.8 g/t Au
ZDD226	311.0	312.0	1.0	1.04	1.0m @ 1.04 g/t Au
ZDD226	376.0	377.0	1.0	0.42	
ZDD226	390.0	391.0	1.0	1.22	1.0m @ 1.22 g/t Au
ZDD226	451.0	452.0	1.0	0.67	
ZDD232	305.0	318.0	13.0	1.56	**6m @ 2.63 g/t Au**
ZDD232	330.0	331.0	1.0	1.31	1.0m @ 1.31 g/t Au
ZDD232	335.0	336.0	1.0	0.48	
ZDD232	337.0	358.0	21.0	0.57	2.0m @ 1.1 g/t Au
ZDD232	364.0	365.0	1.0	1.71	1.0m @ 1.71 g/t Au
ZDD232	370.0	382.0	**12.0**	**7.54**	**5.0m @ 17.22 g/t Au**
ZDD232	391.0	392.0	1.0	2.17	1.0m @ 2.17 g/t Au

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

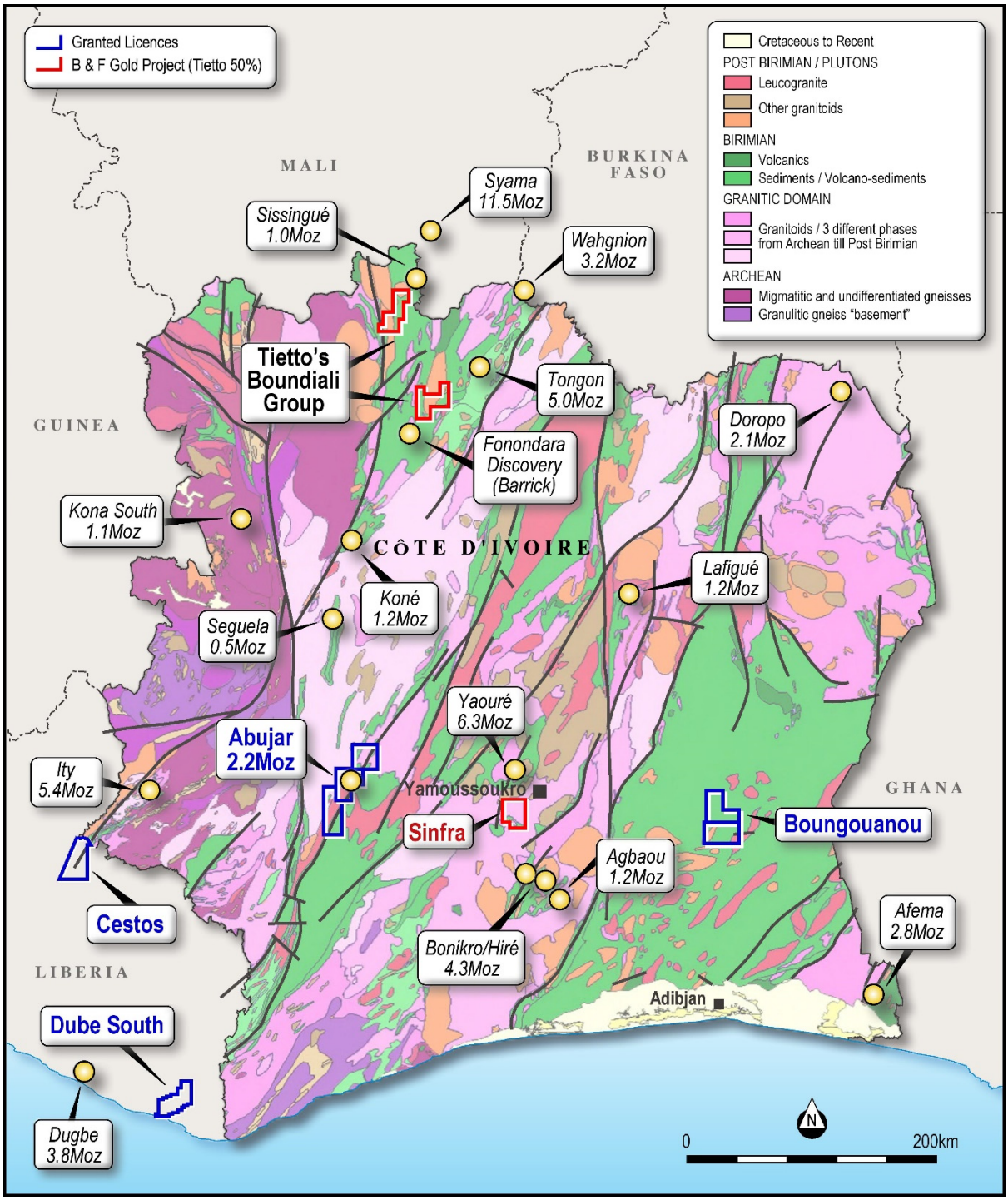

Figure 3: Plan view showing location of Tietto's Projects

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

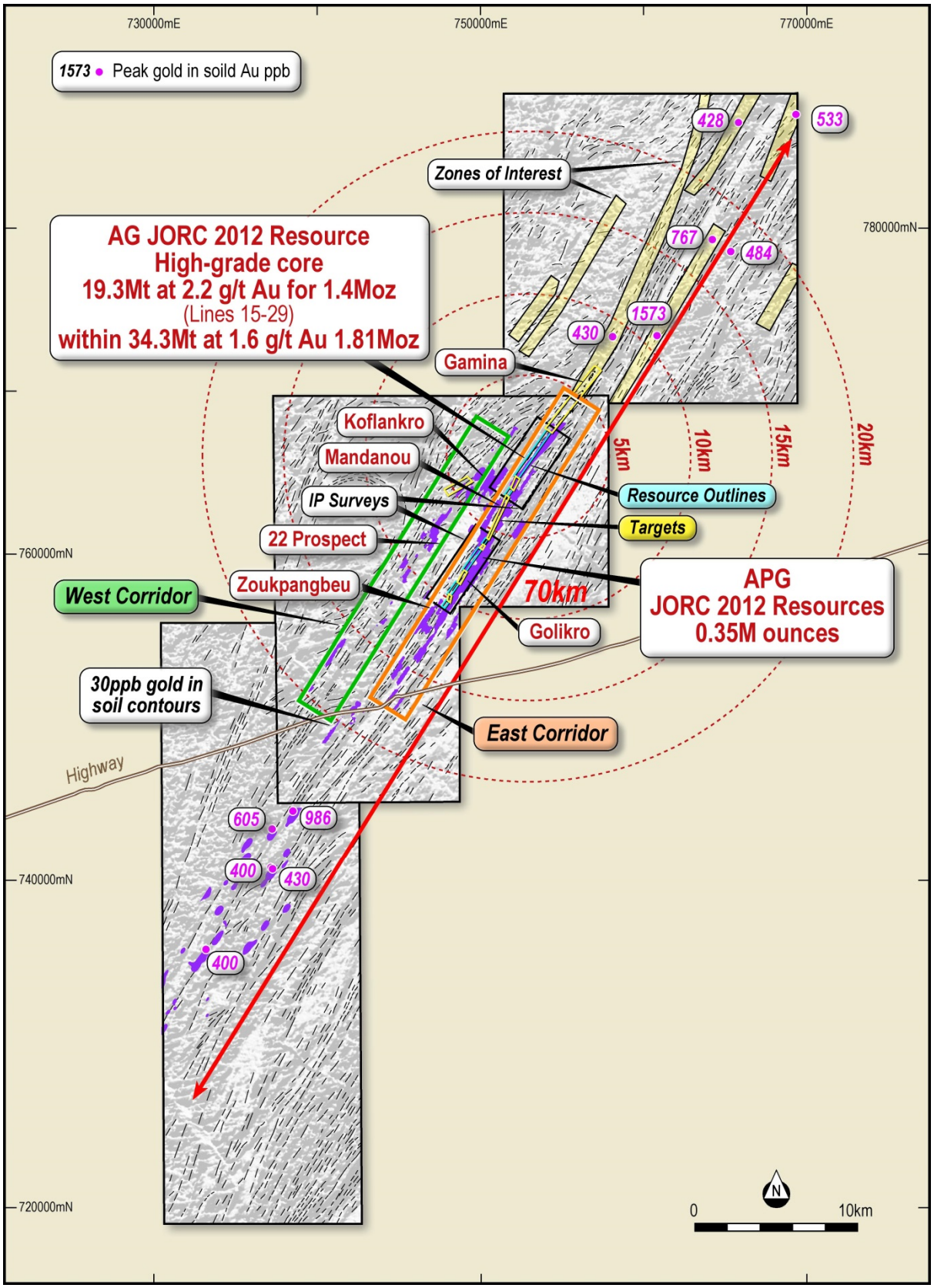

Figure 4: Abujar Gold Project

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

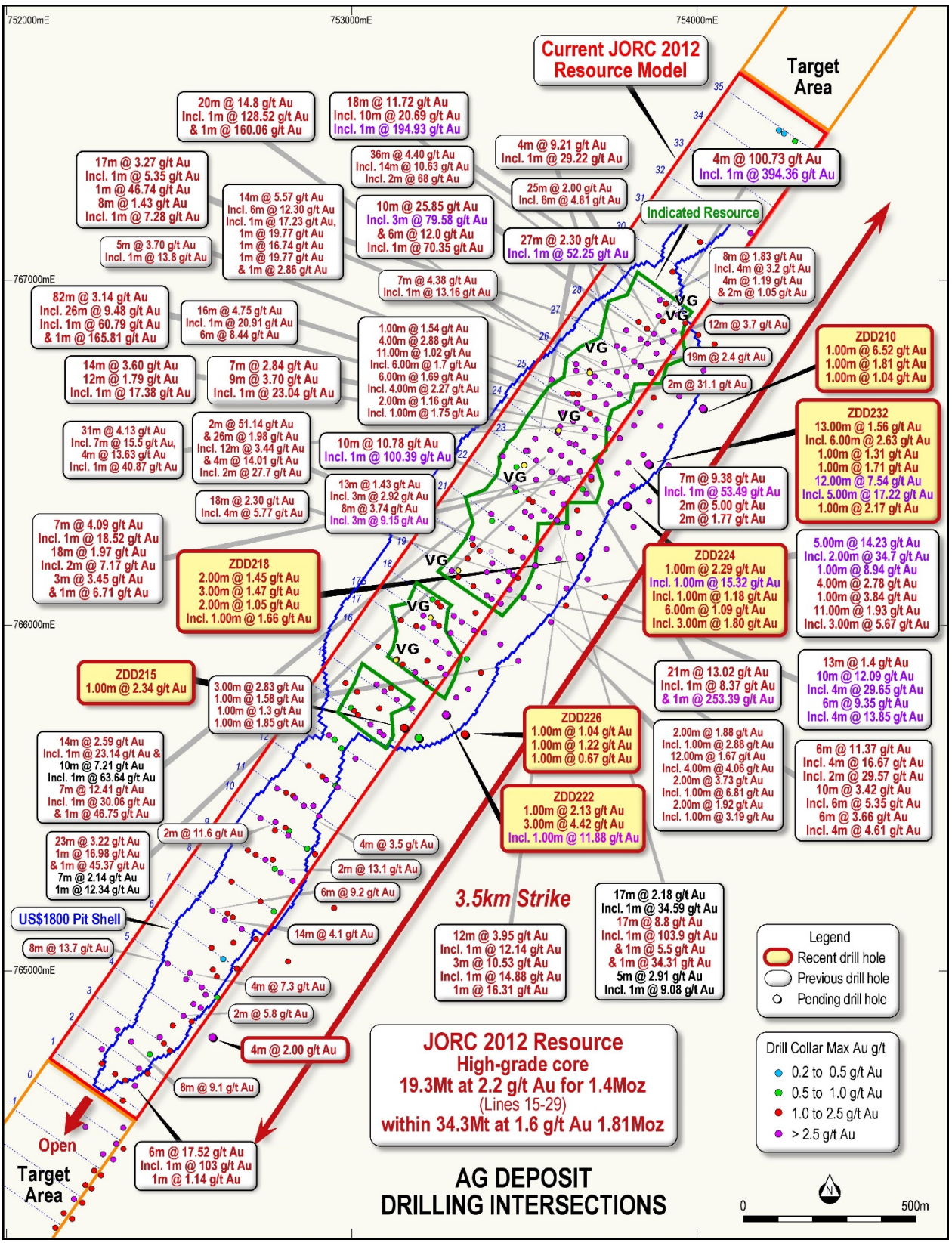

Figure 5: Plan view showing drill results at AG

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Abujar Gold Project, Côte d'Ivoire

The Abujar Gold Project is located approximately 30km from the major regional city of Daloa in central-western Côte D'Ivoire. It is close to good regional and local infrastructure to facilitate exploration and development being only 15km from nearest tarred road and grid power.

The Abujar Gold Project is comprised of three contiguous tenements, Middle, South and North tenement, with a total land area of 1,114km^2, of which less than 10% has been explored. It features an NNE-orientated gold corridor over 70km striking across three tenements.

JORC Statement of Mineral Resources

Results of the independent Mineral Resources estimate for the Project are tabulated in the Statement of Mineral Resources in below, which are reported in line with both the requirements of the 2012 JORC Code; as such the Statement of Mineral Resources is suitable for public reporting. The Statement of Mineral Resources shown in **Table 5**.

Mineral Resources are reported at a cut-off grade of 0.4 Au g/t within a pit shell based on a gold price of 1,800 USD per troy ounce, and 0.8 Au g/t below the pit shell. The cut-off grades were based on estimated mining and processing costs and recoveries factors of similar projects in the Ivory Coast.

Table 5: Statement of Mineral Resources by Deposit as at 11 November, 2019 Reported at 0.4 g/t Au cut off within pit shells; and 0.8 g/t Au cut off below the pit shells for AG, and 0.4 g/t to a depth of 40m and 0.8 g/t below 40m for APG.

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 12 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*

Tietto Minerals Ltd
Level 3, 88 William Street
Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

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.*

A high-grade core of mineralisation has been identified within the overall resource at AG of 19.4 Mt at 2.0 g/t for 1.25 Moz. The total resource at AG reported at varying cut-off grades is provided in Table 6 below and shows a significant amount of higher-grade mineralisation within the overall resource. However, RPM recommends that the Mineral Resource is reported using 0.4 g/t Au cut-off above the pit shell and 0.8 g/t Au cut-off below, as presented in Table 5.

Table 6: AG Indicated and Inferred Mineral Resource at varying cut off grades

	Indicated			Inferred			Total		
COG	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

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

JORC Code, 2012 Edition – Table1, Section 1-2

Section 1: Sampling Techniques and Data		
Criteria	**JORC Code explanation**	**Commentary**
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* *Aspects of the determination of mineralisation that are Material to the Public Report.* *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	The drilling completed prior to March 2018 has been conducted with a multiple purpose drill rig using Reverse Circulation (RC) techniques for collar of each hole and Diamond Drilling (DD) techniques for the tail of some deep hole. In general, the RC to DD switch point is at around 120-150m hole depth. Holes are angled to optimally intersect mineralised zones. All RC and DD samples were weighed to determine recoveries. All potentially mineralised zones were then split and sampled at 1m intervals using three-tier riffle splitters. DD core were cut at the camp site of the Abujar project. QA/QC procedures were completed as per industry best practice standards (certified blanks and standards and duplicate sampling). In general, 2m RC composite samples and 0.5-1.67m DD half core were despatched to ALS Lab in Yamoussoukro for sample preparation, where they were crushed, dried and pulverised to produce a sub pulps for fire assay. The pulps were then sent to ALS's assay Lab in Ouagadougou (Burkina Faso) or Kumasi (Ghana) where 50g fire assays, AAS finishes and screen fire assays have been conducted. Following a review of results for intervals where visible gold had been observed in drill core. Pulps from some of the DD holes that had been prepared at ALS Yamoussoukro Lab were sent to Intertek Ghana for check assaying which involved a re-assay of three times on each pulp. The new assay results for RC samples and AC samples reported in this announcement are from RC holes drilled by AMS's RC600 rig and AC holes drilled by AMS's truck mounted aircore rig. The new assay results for DD samples reported in this announcement are from DD holes drilled by the Company owned portable diamond drill rig. Intertek Lab's truck picked up all samples from the Abujar Project site and

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

		prepared/analysed the samples in Intertek lab in Ghana. Fire assay are used for all AC, RC and DD samples. All AC and RC samples are 2m composite.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	Reverse Circulation "RC" drilling within the exploration area comprises 5 1/8-inch diameter face sampling hammer. Diamond drilling within the exploration area prior to 31st March 2018 comprises NQ sized core. The RC-DD holes drilled prior to 31st March 2018 normally had RC to DD switch point at around 120-150m hole depth. The DD holes in the current drilling programs are being drilled by the Company's own portable hydraulic diamond drill rig. DD holes are drilled in HQ size from collar to the point where fresh rock is reached which is approximately 20-40m deep (inclined depth at -50°). In fresh rock, the DD holes are drilled in NTW size of 75.7mm with core diameter of 56.1mm. The AC holes were drilled with a drill bit of 3.5 inches.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	Diamond core was reconstructed into continuous runs; marking depths were checked against the depths marked on core blocks. RC recoveries are logged and recorded in the database. Overall recoveries are >75% for the RC; there are no significant sample recovery problems. A technician is always present at the rig to monitor and record recovery. A cyclone and splitter were used to provide a uniform sample and were routinely cleaned. Tietto employees managed sampling to ensure correct sampling practices. RC samples were visually checked for recovery, moisture and contamination. A booster was used when drilling wet holes, to maintain dry samples each wet hole was purged after a rod change and before the commencement of drilling the next rod. Core recoveries were generally good with above 90% average recovery. As the mineralised zone is generally silicified and competent, core loss was not observed to be an issue over the mineralised zones. No significant bias is expected, and any potential bias is not considered material.

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* *The total length and percentage of the relevant intersections logged.*	Tietto uses specifically designed log sheets to capture all geological data. During logging, part of the RC sample is washed, logged and placed (using glue) to chip boards meter by meter, which are stored on site. Geotechnical logging was carried out on all diamond drill holes for recovery, RQD and number of defects (per interval). Information on structure type, dip, dip direction, alpha angle, beta angle, texture, shape, roughness and fill material are stored in the structure/Geotech table of the database. Logging of diamond core and RC samples recorded lithology, mineralogy, mineralisation, structural (DDH only), weathering, alteration, colour and other features of the samples. Core was photographed in both dry and wet form. All drilling has been logged to a standard that is appropriate for inclusion in any future Mineral Resource estimation or mining studies and metallurgical studies.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	Diamond core sampling intervals were based on lithological or alteration boundary contacts, with a minimum down hole length of 0.5 and maximum of 1.55m. The core was photographed, logged, cut and half core was sent for assay. Sampling of RC holes was completed on 1-metre downhole intervals, but 2-metre composite samples were created and assayed; bulk samples were taken from the cyclone meter by meter by Tietto field assistants and split through a three-tier Jones riffle splitter to collect two 6.5kg samples. Every attempt was made to ensure that the splitter that was used was in good condition, level and that the splitter was cleaned with compressed air after each sample was passed through it to minimise contamination. Every effort was made to ensure that samples were sampled dry. Field QAQC procedures included the insertion of field duplicates and commercial standards. Field duplicates were inserted at 15m intervals or where mineralisation was anticipated, and Standards were inserted at 30m intervals (every 15 RC samples for 2m composite RC samples). Approximately 1:15 RC field duplicates were taken from 1m riffle split samples at the rig. Sample sizes are considered to be appropriate to accurately represent the gold mineralisation at

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

		Abujar based on the intersections, the sampling methodologies, observed gold particle size and assay values.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	All samples from drilling prior to the end of March 2018 were assayed at ALS laboratories either in Ouagadougou or Kumasi depending on LAS lab's working loads using 50g fire assay and an atomic absorption spectrometer (AAS) finish which is considered a near total assaying technique if completed properly. This method is appropriate and returns accurate and precise values for gold. Field QAQC procedures included the insertion of field duplicates and commercial standards. The laboratory inserted feldspar flushes, standards, repeats and duplicates. Repeat or duplicate analysis for samples (assayed in the past three years) showed that the precision of samples is within acceptable limits. However, pulps from DD core samples with visible gold were re-assayed in Intertek Ghana with three repeats and the average results for these samples were reported. All samples from drilling after March 2018 are assayed at Intertek Lab in Ghana.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	Several independent personnel visually verified intersections in diamond core and RC chips as well as trenches and outcrops. Primary data was collected using a set of company standard Excel templates on Toughbook laptop computers using lookup codes. The geo-information was validated on-site by the Company's database technicians and then validated and merged into a final database by the company's database manager.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	Drill hole collar locations as reported have been picked-up using a Garmin GPS. Final locations will come from a pickup by a surveyor using a total station. Downhole surveying was completed by the drilling contractor using a Reflex EZ-shot Downhole Survey instrument prior to the end of March 2018. All drill holes have been located using UTM grid WGS84 Z31N.
Data spacing and	*Data spacing for reporting of Exploration Results.*	The DD holes being reported are spaced on sections of between 50m and

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

distribution	*Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* *Whether sample compositing has been applied.*	100m. Further drilling will be required and is planned to bring the section spacing to a uniform 50m. This drilling will be incorporated into a future update of the current 2012 JORC classified Mineral Resource. Mineralised intervals are reported as a weighted average across zones of mineralisation.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	Drill sections are approximately orientated West to East with respect to grid North. This orientation allows for the delineation of North-South structures internal to the shear zone as well as the overall NS trend. Holes are drilled at -65° to -50°
Sample security	*The measures taken to ensure sample security.*	Chain of custody is managed by Tietto until the samples were despatched to ALS Lab in Yamoussoukro (for drilling prior to the end of March 2018) and Intertek Lab in Ghana for drilling after March 2018. Samples are stored on site and delivered by Tietto personnel to ALS Lab in Yamoussoukro for sample preparation for drilling prior to the end of March 2018 and picked up by Intertek truck for drilling after March 2018. Whilst in storage, they remain under guard in a locked yard. Tracking sheets are used to track the progress of batches of samples.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Tietto personnel and consultants working on the Abujar project site conducted data reviews as their routine work. No material issues have been noted.

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

Section 2: Reporting of Exploration Results		
Criteria	**JORC Code explanation**	**Commentary**
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	The Abujar Project hosts three exploration licences, the Abujar South Exploration License ("Issia Licence", 390.5 $km^{2,}$, to which Tietto holds a 100% interest), the Abujar Middle Exploration License ("Zoukougbeu Licence", 383.5 km^2, to which Tietto holds a 90% interest through the licence holding company Tiebaya Gold Sarl) and the Abujar North Exploration License ("Zahibo Licence", 340 km^2, to which Tietto holds a 15% interest through the licence holding company Gail Exploration Sarl, with the right to acquire a further 65% interest. Currently, Tietto and Gail are in the process of legalizing Tietto's 50% interest in this tenement.), which together, cover an area of 1,114 km^2. The Issia Licence was granted on 22 March 2017. The Zoukougbeu Licence was granted on 15 September 2014 and is at the final approval process stage of 3-year extension. The Zahibo Licence was granted on 6 May 2015 All exploration licences have an initial tenure of 4 years with two entitled extension of 3 years each plus a special extension of 2 years, for a total of up to 12-year tenure. All licences are granted for gold. All fees have been paid, and the permits are valid. The ownership of mineral lease rights in Côte d'Ivoire is governed primarily by the Law n°2014-138 dated on March 24 2014 (**Côte d'Ivoire Mining Code**). If the exploration licences were to be subsequently converted into Mining Licences, the Government of Cote d'Ivoire would hold a 10% share of the permit and Tietto would hold 90%, 85% and 80% for the Abujar South, Abujar Middle and Abujar North, respectively.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	There were no historical exploration activities on any of the three licences comprising the Abujar project. Tietto started systematic exploration as soon as the licences were granted on each of the three licenced areas.
Geology	*Deposit type, geological setting and style of mineralisation.*	The Abujar Project is located within the Proterozoic Birimian rocks of the Man shield, as situated on the Daloa 1:200,000 geologic sheet, 30km west of city of Daloa. It is located in the Hana-Lobo belt, east of the Sassandra fault that marks the

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

		boundary between the Man shield (Archean) and Eburnean domain. The regional trend is north-northeast to northeast. Formations which have been structured by the Eburnean cycle are Birimian. 17 volcano sedimentary belts have been recorded in this domain, and reported to hold 95% of the gold mineralisation in the country. Within the Project, outcrops are very uncommon, only laterite cover is mainly spread with hardpans and duricrust spots occurring. The Abujar Deposit is located in NNE SSW orientated body of granitoid migmatite and is hosted within in an interpreted regional shear structure. This is enclosed in two mica granite bodies of similar interpreted orientation which are regionally referred to as granodiorites.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* *easting and northing of the drill hole collar* *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* *dip and azimuth of the hole* *down hole length and interception depth hole length.* *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	Included in the body of the announcement.
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of*	Intervals are shown in detail

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

	low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	Drill hole angles of 50~65° on varying azimuths are adequate for the mineralisation intercepted. All exploration drilling results to date have been reported as down hole lengths.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	Refer to diagrams in text
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	All grades, high and low, are reported accurately with "from" and "to" depths and "hole identification" shown.
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results;*	The project has a JORC 2012 Indicated and Inferred Mineral Resource of 45.49mt at 1.51 g/t Au containing 2.15Moz gold in November 2019. Preliminary metallurgical study was also carried out at ALS Perth in 2015. Details about the above report are available within the Company. No work has been carried out on geotechnical, hydrogeological or environmental

Tietto Minerals Ltd
Level 3, 88 William Street Perth, WA 6000
Tel: +61 8 9331 6710
Fax: +61 8 6316 1428
Web: www.tietto.com

	bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	issues etc.
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Further infill and extensional drilling is planned and is in the process of being executed. Extensive geophysical study of the project area is currently being conducted.