

9<sup>th</sup> May 2025 - ASX Announcement

# Further results from Dadjan extend gold-in-soil anomaly to 3.6km

Ongoing rock chip and dump sampling programs at Dadjan have extended a gold-in-soil anomaly to 3.6km

Further encouraging high-grade gold results from Timbakouna with three gold mineralised zones emerging

5,000m of power auger drilling continues - first results imminent

## Highlights

### Dadjan Gold Project

- Assay results from 31 rock chip and 287 dump samples from the Dadjan Gold Project have extended the NNE striking zone of gold anomalism to 3.6km, with better rock chip and dump results including:
  - 2.51 g/t Au (RK10232)
  - 943 ppb Au (DU10562)
- Power auger drilling now underway (Fig.1) with two rigs working to effectively sample the regolith for follow-up deeper drilling.
- Further assay results pending as sampling progresses north with expedited lab turnaround times.

### Timbakouna Gold Project

- Assay results from 47 rock chips and 79 dump samples from Timbakouna Gold Project have returned encouraging gold rock chip results including:
  - 8.47 g/t Au (RK20142)
  - 2.92 g/t Au (RK20150)
  - 2.47 g/t Au (RK20122)
  - 1.97 g/t Au (RK20135a)
  - 1.15 g/t Au (RK20129)
  - 1.06 g/t Au (RK20143)
- Rock chip and dump sampling continues southward at Timbakouna with the Company awaiting approval from the Ministry of Mines to commence power auger drilling.



## Next Steps

- Auger drilling, rock chip and dump sampling continues at Dadjan and with rock chip and dump sampling continuing at Tole.
- BLEG stream sediment sampling has commenced at Moiko and Alamankono.
- Early stage targeting generation continues across the Company's 14 Projects, with three teams working across the SE Siguiri Basin.
- DeSoto is currently one of the largest landholders in the Siguiri Basin with a number of project acquisitions currently being accessed.
- All target generation work guided by the mineral systems approach developed by Chairman Paul Roberts and Non-Executive Director Dr Barry Murphy, which has been deployed successfully across West Africa.



Figure 1 – Power auger drilling being completed at the Dadjan Gold Project, located in the Siguiri Basin, Guinea.

## Commenting on the new results, Managing Director Chris Swallow:

*“The Company is completing target generation work across key Projects in the SE Siguiri Basin in Guinea. Led by Exploration Manager Aimé NGanare, three teams are working at the Dadjan, Tole and Timbakouna Gold Projects.*”



Dadjan now has more than 3.6km of gold strike and a comprehensive power auger program underway to generate further targets for AC/RC drilling.

Basin-scale targeting work recently undertaken by Chairman Paul Roberts and Non-Executive Director Dr Barry Murphy continues to deliver terrain-scale targets for the Company, which, when combined with low-cost geochemical surveys and power auger drilling, were instrumental in making the 5.4Moz Bankan Discovery, and continue to drive exploration decision making in DeSoto.

It speaks to the strongly mineralised nature of the Siguiri Basin, that the Company, from a standing start and in less than a month, has been able to uncover a 3.6km-long target, which remains open to the North and with results pending.

The Company continues to work its way methodically through its ground position, with BLEG stream sediment sampling commenced at Moiko and Alamankono, the Company has also identified a number of acquisition targets which it is currently accessing."

**DeSoto Resources Limited (ASX:DES) ("DES" or the "Company")** is pleased to announce further exploration results from Dadjan and Timbakouna Gold Projects, located in the Siguiri Basin, Guinea (Figure 2).

DeSoto has three teams completing rock chip, dump and soil sampling programs at Dadjan, Tole and Timbakouna with power auger drilling now underway at Dadjan and BLEG soil sampling commencing at Moiko and Alamankono.

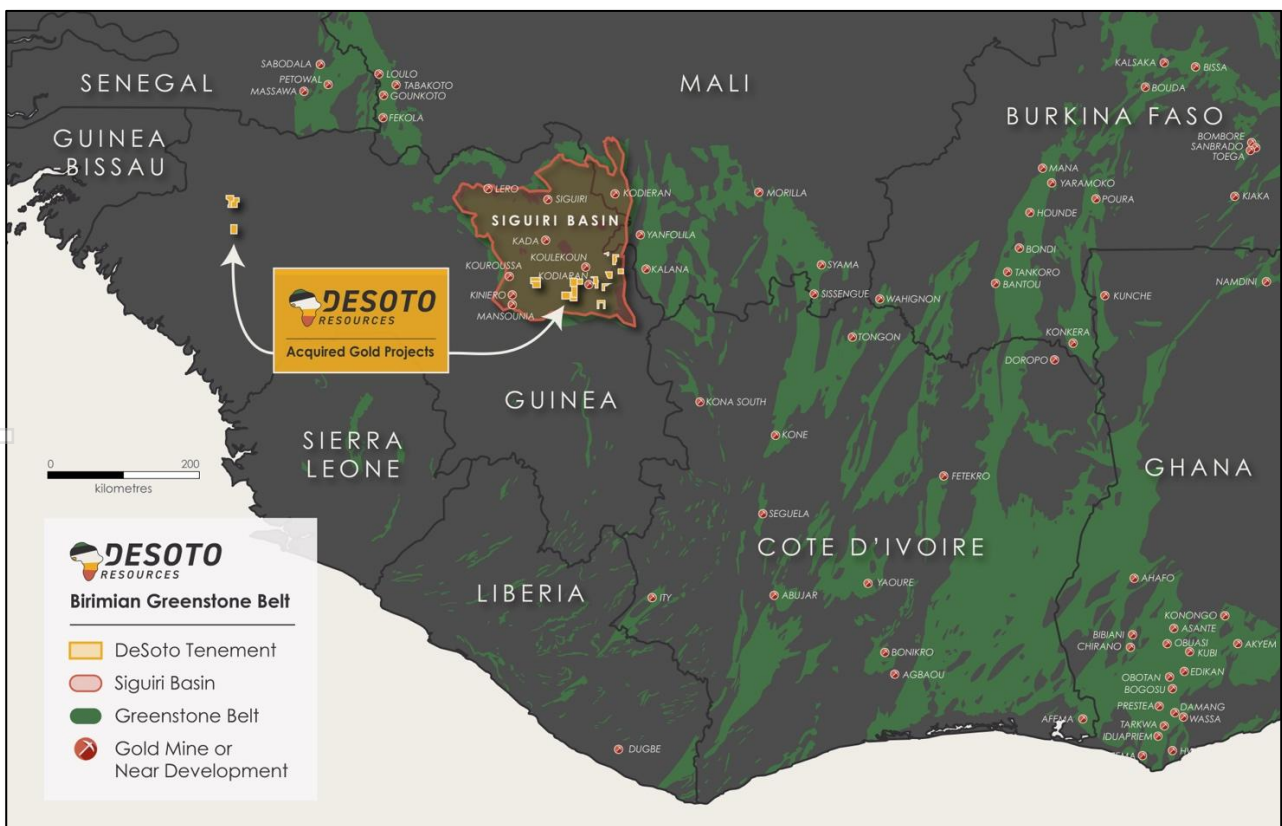


Figure 2: Stylised geological map of the West African Birimian, highlighting the prospective greenstone belts which cover Guinea and the Siguiri Basin.



## Siguiroi Projects Background

The Company recently acquired the 1,234km<sup>2</sup> land package comprising 14 prospective gold projects, located in Guinea's Siguiroi Basin and 3 gold projects in the Gaoual Gold Belt, Guinea, West Africa (Fig. 3.).

The Company's acquisition has delivered it the 5<sup>th</sup> biggest land package km<sup>2</sup> area in the Siguiroi Basin with more target areas being screened using the minerals systems approach developed by Chairman Paul Roberts and Non-Executive Director Dr Barry Murphy. This targeting process is ongoing.

The Siguiroi Basin is both strongly gold-mineralised and very underexplored. The Company is taking a strategic approach in developing a broad scale structural architecture to support its ongoing ground selection and exploration efforts. The Siguiroi Basin forms part of the Birimian Gold Belt, itself part of the West African Craton. This craton extends across 14 countries in West Africa<sup>1</sup> and its gold endowment is world-class<sup>2</sup>. Gold deposits reflect a large range of orogenic and intrusion-related styles, reflecting the wide range of host rocks – from sediments, mafic intrusions, volcanic rocks to granitoids.

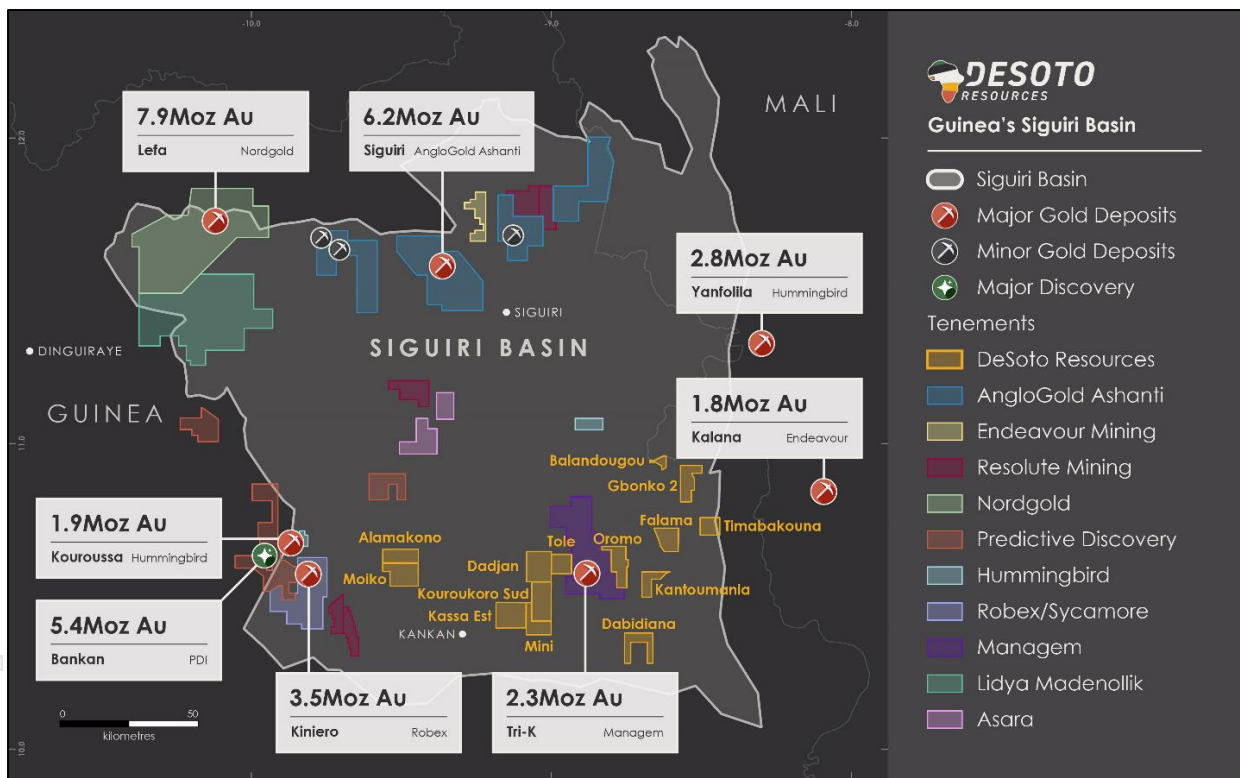


Figure 3: DeSoto's portfolio of Applications, Reconnaissance and Exploration Authorisations, located in the Siguiroi Basin, Guinea

## Dadjan Results

The program has identified +3.6km-long zone of elevated gold anomalism (Figure. 4) with power auger drilling now underway to effectively sample the regolith for follow-up deeper drilling.

<sup>1</sup>Jessell, M. W., Begg, G. C. and Miller, M. S. 2016. The geophysical signatures of the West African Craton. *Precambrian Research* 274, 3-24.

<sup>2</sup>Markwitz, V. Hein, K. A. A. and Miller, J. 2016. Compilation of West African mineral deposits: Spatial distribution and mineral endowment. *Precambrian Research* 274, 61-81.



The Company is currently undertaking a comprehensive rock chip and dump sampling program, with 944 samples covering all the gold-anomalous areas in the Main Zone and Grand Plateau Prospects (Figure. 4) taken to date.

North-east trending gold mineralisation as indicated by the rock chip and dump sample results is present over a width of between 150m to 250m and strike of 3,600m which is still open to the north.

A second north-east trending gold mineralised is emerging to the east of the main trend over a width of 100m and a strike of 800m and is still open to the north. Gold mineralisation is hosted within sheet quartz veins, stockwork quartz veins and quartz-hematite breccias suggesting a braided shear zone system. Dump sampling has been conducted on a regular 100m x 50m grid with east-west trending sampling lines.

The dump samples are taken from artisanal working spoils which are extensive within the permit with a 2kg composite sample taken. The samples are sieved to -2mm to remove any rock fragments and to sample the soil and clay.

Rock chip samples are taken from outcropping in-situ material or from quartz veining evident within the workings. The auger sampling is being conducted on a 100m x 50m grid over the initial areas of higher gold grades with 2m composite samples being taken. The auger drill holes are generally 10-16m in depth.

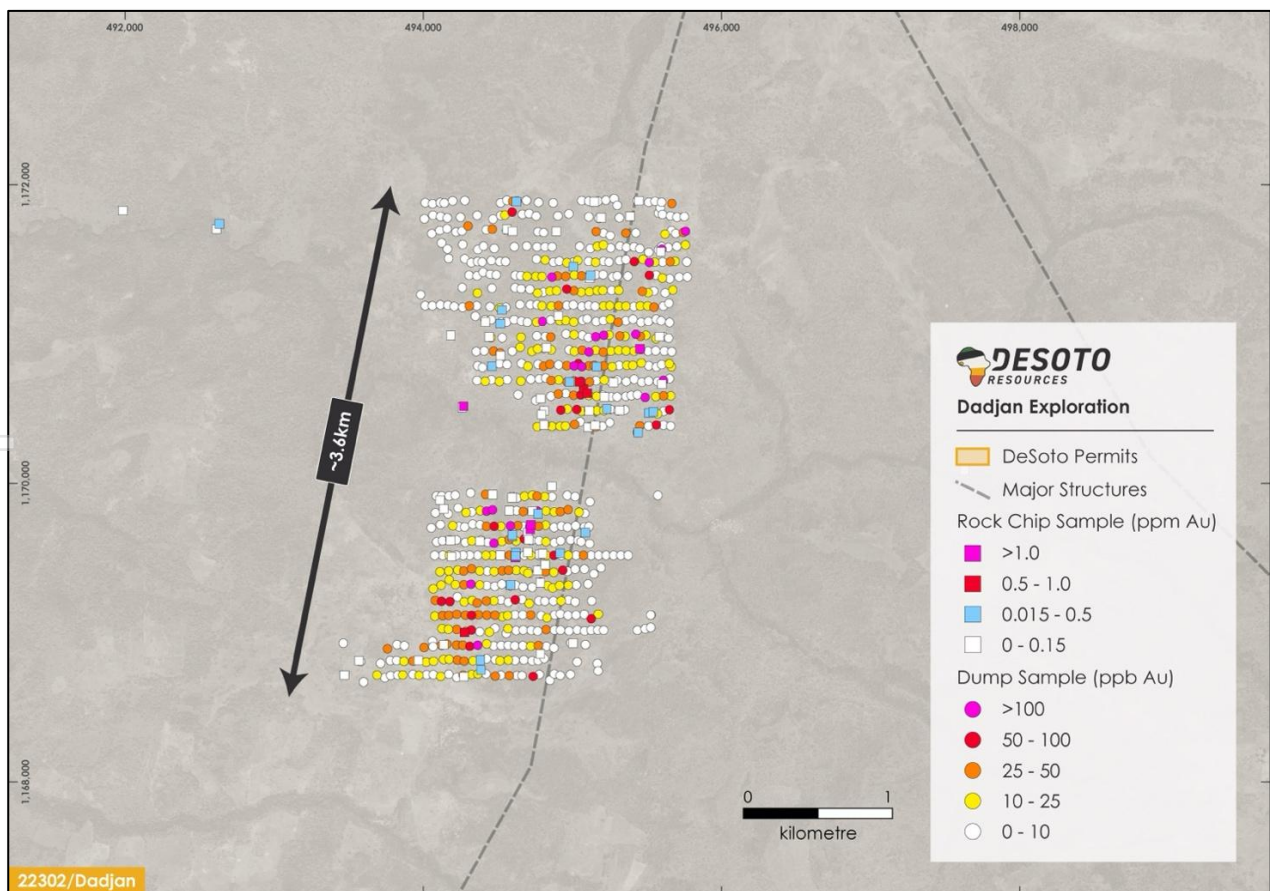


Figure 4 – Dadjan Project with dump and rock chip samples collected across major structures.



## Timbakouna Results

The rock chip and dump sampling program has so far identified three coherent zones of north striking gold mineralisation sitting within major shear zones with the three zones being between 2800m and 1500m long and 100m to 200m in width (Figure 5). Sampling is continuing to the south along the structures.

A total of 404 samples have been taken to date. Gold mineralisation is hosted within sheet quartz veins, stockwork quartz veins and quartz-hematite breccias suggesting a braided shear zone system and appears similar to the Dadjan gold mineralisation. At Timbakouna, weathered metasedimentary rocks (pelites, siltstones and greywackes) with dolerite outcrops were observed, with floats of fresh greywacke and granite porphyry also observed in the Project.

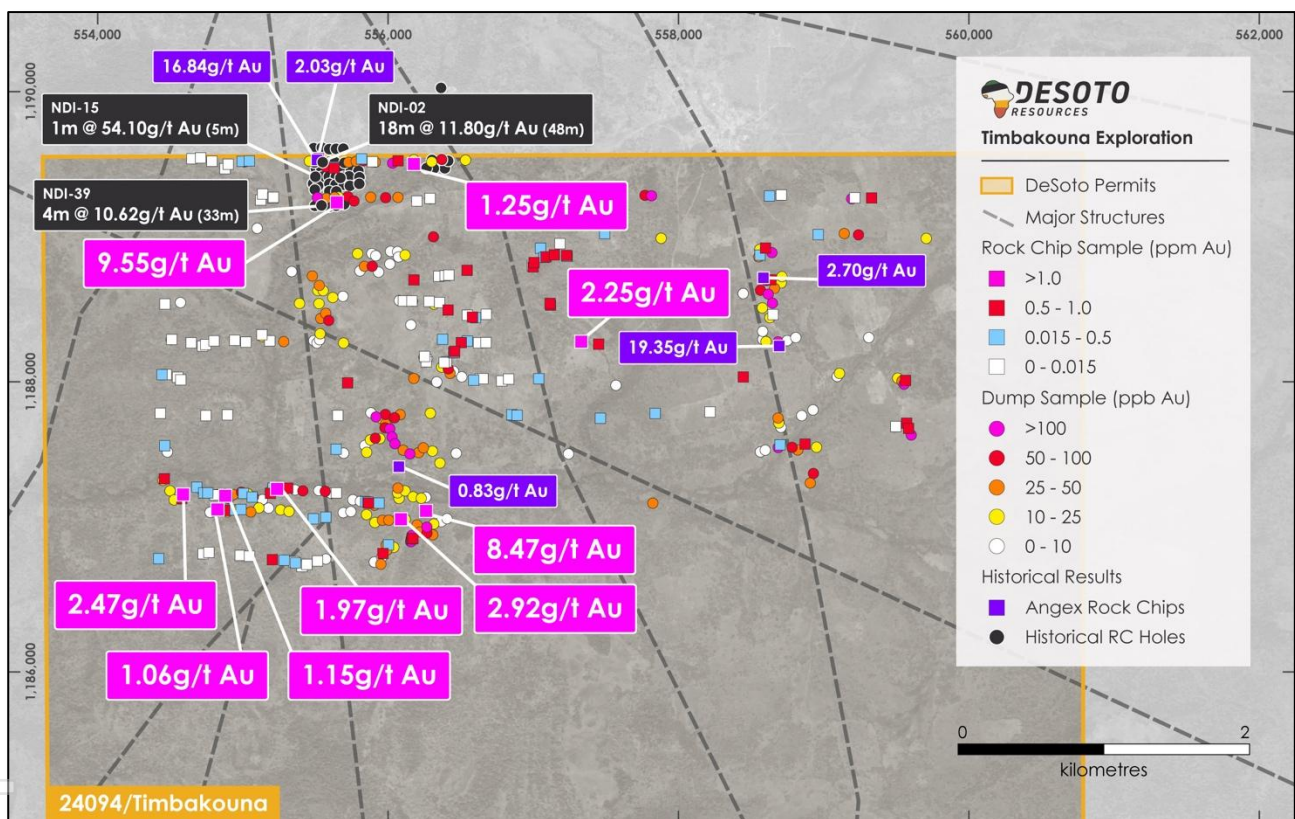


Figure 5: Sampling results and locations from Timbakouna, overlain major structures. Previously reported results are also shown.<sup>3</sup>

Figures 6-7 below shows an example of dominant rock-types in Timbakouna permit.

Please refer to DES announcement dated 5<sup>th</sup> May 2025 (Drilling Commences Over 2.7km-long Gold in Soil Anomaly). The Company notes that the announcement included pictures of rock-chip samples on page 7 (Figures 6-7 below) for which assay results were marked as pending (the relevant samples were not cross-referenced in the tables). The Company has now provided these results in the tables below.

<sup>3</sup>DES ASX Announcement: Desoto acquires high-grade gold projects in Guinea's Siguiri Basin – 20 February 2025



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Figure. 6: Photographs of rocks collected/observed at Timbakouna with quartz veined metasedimentary rocks noted over extensive areas. Reported here are sample RK20161 which did not return a significant gold result (<0.01 g/t) and sample RK20150 returned a gold result of 2.92 g/t – see Table 3 and 4.



Fig. 7: Rock photographs from Timbakouna. fresh greywacke (left) & granitic porphyry (right)



Tables of results and their locations can be found in Tables 1-4, with the Company expecting a stream of results to continue in the coming weeks.

**-END-**

This release is authorised by the Board of Directors of DeSoto Resources Limited

For further information visit our website at [Desotoresources.com](http://Desotoresources.com) or contact:

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### **COMPETENT PERSONS STATEMENT**

The information in this report that relates to exploration results is based on and fairly represents information and supporting documentation prepared by Mr Nick Payne. Mr Payne is an employee of the company, is a member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Payne consents to the inclusion in this report of the matters based on this information in the form and context in which they appear.



**Table 1. Rock chip assay results from Dadjan Gold Project**

Sample ID	East	North	Prospect	Au ppm	As ppm
RK10208	494954	1171349	Grand Plateau	0.02	1169
RK10209	495202	1171379	Grand Plateau	0.03	1028
RK10210	495315	1171369	Grand Plateau	0.04	720
RK10211	495369	1171359	Grand Plateau	0.01	439
RK10212	495259	1171434	Grand Plateau	0.38	751
RK10213	495734	1171492	Grand Plateau	0.06	920
RK10214	495116	1171578	Grand Plateau	0.03	439
RK10215	495779	1171520	Grand Plateau	0.02	351
RK10216	495845	1171535	Grand Plateau	0.01	593
RK10217	494813	1171687	Grand Plateau	0.01	249
RK10218	494852	1171673	Grand Plateau	0.01	331
RK10219	495145	1171671	Grand Plateau	0.01	1094
RK10220	491225	1173287	Grand Plateau	0.01	65
RK10221	492865	1171686	Grand Plateau	0.01	77
RK10222	492884	1171721	Grand Plateau	0.20	2086
RK10223	494864	1171848	Grand Plateau	0.04	1332
RK10224	495445	1171763	Grand Plateau	0.01	1248
RK10225	495641	1171773	Grand Plateau	0.01	906
RK10226	492275	1167690	Grand Plateau	0.06	180
RK10227	492307	1167720	Grand Plateau	0.07	45
RK10228	491386	1170146	Grand Plateau	0.02	180
RK10229	491242	1170145	Grand Plateau	0.02	162
RK10230	491439	1170198	Grand Plateau	0.02	877
RK10231	494513	1170491	Grand Plateau	0.01	65
RK10232	494522	1170500	Grand Plateau	<b>2.51</b>	101
RK10233	494840	1171878	Grand Plateau	0.10	405
RK10234	494877	1171870	Grand Plateau	0.33	1680
RK10235	494941	1171882	Grand Plateau	0.05	534
RK10236	495399	1171870	Grand Plateau	0.01	1326
RK10237	495553	1171839	Grand Plateau	0.02	556
RK10238	495699	1171877	Grand Plateau	0.01	236

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**Table 2. Dump results from Dadjan Gold Project**

Sample ID	East	North	Au ppb	As ppb	Comment
DU10420	494607	1170867	6	96,675	
DU10421	494660	1170871	7	73,217	
DU10422	494724	1170869	31	100,798	
DU10423	494768	1170857	21	60,623	
DU10424	494849	1170869	4	49,763	
DU10425	494902	1170895	18	64,373	
DU10426	494981	1170868	10	28,869	
DU10427	495019	1170884	13	32,404	
DU10428	495061	1170888	8	69,556	
DU10429	495111	1170878	11	139,030	
DU10430	495231	1170878	8	165,389	
DU10431	495266	1170868	12	154,453	
DU10432	495318	1170875	36	96,144	
DU10433	495364	1170864	136	363,087	
DU10434	495408	1170875	18	138,623	
DU10435	495459	1170863	41	103,492	
DU10436	495511	1170870	16	91,337	
DU10437	495563	1170874	12	231,272	
DU10438	495613	1170872	12	253,401	
DU10439	495666	1170869	15	403,073	
DU10440	495710	1170880	35	135,004	
DU10441	495760	1170869	7	54,088	
DU10442	495811	1170872	6	79,593	
DU10443	495869	1170870	8	75,490	
DU10444	495919	1170866	9	68,662	
DU10445	494705	1170960	12	46,278	
DU10446	494782	1170959	9	106,645	
DU10447	494908	1170962	11	135,740	
DU10448	495014	1170971	8	29,612	
DU10449	495071	1170967	8	61,470	
DU10450	495108	1170963	37	45,401	
DU10451	495108	1170963	23	44,237	Duplicate of DU10450
DU10452	495210	1170984	7	129,747	
DU10453	495264	1170979	16	106,160	
DU10454	495319	1170975	7	89,722	
DU10455	495360	1170960	9	137,209	
DU10456	495409	1170965	<b>141</b>	132,516	
DU10457	495463	1170975	<b>117</b>	93,598	
DU10458	495500	1170977	16	237,689	
DU10459	495571	1170970	24	203,025	
DU10460	495606	1170968	17	152,167	
DU10461	495678	1170982	<b>149</b>	106,050	

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Sample ID	East	North	Au ppb	As ppb	Comment
DU10462	495709	1170968	21	126,189	
DU10463	495746	1170975	13	158,945	
DU10464	495814	1170954	14	69,902	
DU10465	495865	1170965	7	74,749	
DU10466	495898	1170957	9	100,297	
DU10467	494601	1171103	9	83,084	
DU10468	494666	1171078	7	112,563	
DU10469	494708	1171079	9	76,811	
DU10470	494777	1171064	5	37,365	
DU10471	494811	1171065	7	94,985	
DU10472	494862	1171079	9	34,981	
DU10473	494910	1171070	7	112,313	
DU10474	494950	1171063	8	129,389	
DU10475	495013	1171063	18	148,509	
DU10476	495052	1171068	<b>248</b>	158,312	
DU10477	495107	1171077	7	234,414	
DU10478	495169	1171072	16	61,892	
DU10479	495208	1171074	10	119,487	
DU10480	495262	1171064	15	89,954	
DU10481	495321	1171076	9	113,261	
DU10482	495352	1171085	5	115,317	
DU10483	495412	1171067	10	73,153	
DU10484	495460	1171074	10	63,751	
DU10485	495507	1171082	12	134,882	
DU10486	495560	1171063	23	54,442	
DU10487	495611	1171072	6	107,801	
DU10488	495659	1171082	9	139,231	
DU10489	495713	1171062	7	70,429	
DU10490	495762	1171068	8	103,987	
DU10491	495814	1171082	3	139,470	
DU10492	495848	1171072	6	99,471	
DU10493	495904	1171061	8	46,501	
DU10494	494265	1171173	7	89,784	
DU10495	494313	1171172	7	151,082	
DU10496	494367	1171178	5	138,233	
DU10497	494416	1171176	6	162,250	
DU10498	494459	1171168	7	126,215	
DU10499	494516	1171162	8	143,914	
DU10500	494561	1171171	31	48,246	
DU10501	494561	1171171	13	40,969	Duplicate of DU10500
DU10502	494610	1171172	9	131,235	
DU10503	494700	1171166	9	69,853	
DU10504	494766	1171158	10	70,291	
DU10505	494806	1171162	9	77,775	



Sample ID	East	North	Au ppb	As ppb	Comment
DU10506	494901	1171180	6	153,768	
DU10507	494970	1171179	7	119,114	
DU10508	495015	1171179	7	147,835	
DU10509	495048	1171172	11	212,878	
DU10510	495112	1171170	15	81,061	
DU10511	495160	1171173	48	151,327	
DU10512	495216	1171174	8	314,927	
DU10513	495259	1171178	8	126,233	
DU10514	495316	1171168	6	131,573	
DU10515	495362	1171174	8	86,989	
DU10516	495405	1171169	6	71,712	
DU10517	495462	1171171	16	74,798	
DU10518	495504	1171173	12	73,173	
DU10519	495565	1171170	17	95,048	
DU10520	495612	1171170	10	30,483	
DU10521	495665	1171167	9	66,686	
DU10522	495708	1171171	15	205,589	
DU10523	495757	1171171	13	71,125	
DU10524	495800	1171163	24	128,809	
DU10525	495862	1171170	9	179,149	
DU10526	495900	1171190	5	77,263	
DU10527	494235	1171247	9	111,467	
DU10528	494513	1171295	5	135,715	
DU10529	494615	1171258	13	127,361	
DU10530	494713	1171291	7	116,691	
DU10531	494868	1171294	9	186,313	
DU10532	494908	1171287	3	159,621	
DU10533	494967	1171284	9	145,054	
DU10534	495019	1171258	10	171,844	
DU10535	495056	1171264	7	150,829	
DU10536	495103	1171271	11	273,820	
DU10537	495147	1171274	15	475,363	
DU10538	495215	1171285	51	242,852	
DU10539	495263	1171274	50	474,283	
DU10540	495312	1171264	18	225,540	
DU10541	495366	1171267	12	140,087	
DU10542	495419	1171275	11	99,287	
DU10543	495456	1171276	10	85,736	
DU10544	495516	1171277	6	58,837	
DU10545	495564	1171277	11	79,977	
DU10546	495722	1171269	21	42,326	
DU10547	495761	1171260	13	153,257	
DU10548	495798	1171272	5	219,564	
DU10549	495875	1171259	3	97,775	

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Sample ID	East	North	Au ppb	As ppb	Comment
DU10550	495927	1171279	16	50,585	
DU10551	495927	1171279	14	40,665	Duplicate of DU10550
DU10552	494559	1171377	3	132,042	
DU10553	494612	1171373	3	96,365	
DU10554	494653	1171398	1	97,603	
DU10555	494702	1171384	1	85,839	
DU10556	494742	1171380	2	106,737	
DU10557	494869	1171376	5	113,611	
DU10558	494906	1171374	5	129,972	
DU10559	494948	1171370	12	56,826	
DU10560	495007	1171370	11	284,942	
DU10561	495049	1171369	14	203,334	
DU10562	495116	1171365	<b>943</b>	327,008	
DU10563	495152	1171372	20	258,066	
DU10564	495208	1171370	23	199,621	
DU10565	495265	1171378	18	178,825	
DU10566	495315	1171373	35	185,387	
DU10567	495364	1171373	12	237,651	
DU10568	495411	1171381	5	169,923	
DU10569	495458	1171381	7	113,196	
DU10570	495524	1171366	6	93,392	
DU10571	495554	1171373	6	66,766	
DU10572	495625	1171371	6	71,659	
DU10573	495769	1171377	82	60,921	
DU10574	495813	1171378	4	141,013	
DU10575	495856	1171359	15	199,914	
DU10576	495906	1171355	6	203,557	
DU10577	495970	1171365	5	99,658	
DU10578	496024	1171366	9	56,745	
DU10579	494422	1171490	1	128,454	
DU10580	494530	1171488	1	113,527	
DU10581	494574	1171462	2	74,464	
DU10582	494616	1171469	5	80,024	
DU10583	494647	1171466	2	88,466	
DU10584	494709	1171476	3	55,240	
DU10585	494766	1171469	4	37,864	
DU10586	494804	1171469	4	43,865	
DU10587	495012	1171486	10	60,301	
DU10588	495070	1171479	14	59,639	
DU10589	495126	1171465	7	60,950	
DU10590	495165	1171472	8	91,221	
DU10591	495216	1171462	16	61,180	
DU10592	495258	1171464	9	176,902	
DU10593	495288	1171476	14	71,829	

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Sample ID	East	North	Au ppb	As ppb	Comment
DU10594	495361	1171470	8	236,704	
DU10595	495408	1171464	13	306,962	
DU10596	495461	1171471	5	122,471	
DU10597	495498	1171466	7	80,489	
DU10598	495569	1171475	9	42,977	
DU10599	495612	1171483	5	60,805	
DU10600	495668	1171469	67	26,869	
DU10601	495668	1171469	10	20,896	Duplicate of DU10600
DU10602	495726	1171484	15	78,056	
DU10603	495769	1171463	<b>153</b>	113,860	
DU10604	495805	1171465	16	25,073	
DU10605	495857	1171466	9	102,702	
DU10606	495909	1171468	26	46,354	
DU10607	495942	1171471	15	121,105	
DU10608	496021	1171467	4	111,294	
DU10609	494375	1171594	9	177,595	
DU10610	494414	1171553	7	126,530	
DU10611	494516	1171583	9	697,869	
DU10612	494618	1171550	2	110,796	
DU10613	494656	1171572	4	37,001	
DU10614	494729	1171557	8	45,819	
DU10615	494863	1171568	4	89,891	
DU10616	494946	1171572	3	77,591	
DU10617	495015	1171567	4	21,494	
DU10618	495069	1171567	1	129,878	
DU10619	495117	1171567	4	84,774	
DU10620	495302	1171570	4	96,565	
DU10621	495372	1171557	4	212,500	
DU10622	495420	1171570	16	41,825	
DU10623	495460	1171580	19	51,852	
DU10624	495510	1171560	7	34,810	
DU10625	495572	1171572	1	23,569	
DU10626	495615	1171564	1	24,090	
DU10627	495666	1171567	3	62,162	
DU10628	495705	1171556	9	106,123	
DU10629	495765	1171531	5	56,446	
DU10630	495830	1171547	6	115,102	
DU10631	495851	1171569	7	111,201	
DU10632	495853	1171552	<b>106</b>	146,818	
DU10633	495896	1171563	9	186,654	
DU10634	495954	1171570	6	146,776	
DU10635	496011	1171580	16	82,012	
DU10636	494309	1171656	0	197,996	
DU10637	494363	1171678	4	67,807	

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Sample ID	East	North	Au ppb	As ppb	Comment
DU10638	494411	1171690	1	43,502	
DU10639	494472	1171667	0	56,878	
DU10640	494511	1171673	0	58,918	
DU10641	494552	1171708	21	59,681	
DU10642	494675	1171682	7	129,552	
DU10643	494715	1171686	21	262,004	
DU10644	494811	1171678	0	122,001	
DU10645	495021	1171668	0	105,663	
DU10646	495060	1171663	0	318,576	
DU10647	495412	1171670	25	176,150	
DU10648	495460	1171660	1	124,659	
DU10649	495507	1171643	6	75,985	
DU10650	495612	1171660	26	26,042	
DU10651	495612	1171660	24	20,877	Duplicate of DU10650
DU10652	495678	1171661	1	63,920	
DU10653	495874	1171653	10	138,182	
DU10654	495918	1171678	7	57,737	
DU10655	495946	1171657	7	234,617	
DU10656	495997	1171664	29	80,760	
DU10657	496012	1171672	111	101,967	
DU10658	494260	1171756	1	181,090	
DU10659	494317	1171780	0	129,895	
DU10660	494368	1171771	5	82,889	
DU10661	494413	1171762	1	37,150	
DU10662	494501	1171766	1	34,672	
DU10663	494613	1171779	1	47,288	
DU10664	494720	1171754	5	107,910	
DU10665	494772	1171778	6	248	
DU10666	494799	1171781	19	530,529	
DU10667	494848	1171801	59	401,300	
DU10668	494917	1171786	0	431,264	
DU10669	494962	1171791	0	189,496	
DU10670	495009	1171774	0	155,922	
DU10671	495156	1171775	0	164,104	
DU10672	495229	1171789	0	156,043	
DU10673	495363	1171769	4	155,548	
DU10674	495431	1171759	0	140,526	
DU10675	495568	1171763	3	58,871	
DU10676	495831	1171794	2	240,669	
DU10677	495842	1171829	4	126,090	
DU10678	495856	1171785	2	143,010	
DU10679	495910	1171775	2	98,793	
DU10680	495955	1171767	4	61,248	
DU10681	496004	1171770	4	3,759	

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Sample ID	East	North	Au ppb	As ppb	Comment
DU10682	494266	1171863	0	92,574	
DU10683	494314	1171856	0	47,927	
DU10684	494366	1171864	0	56,431	
DU10685	494393	1171861	0	30,082	
DU10686	494449	1171876	1	31,340	
DU10687	494531	1171878	1	23,079	
DU10688	494771	1171862	4	36,492	
DU10689	494813	1171880	2	109,101	
DU10690	494852	1171873	22	215,721	
DU10691	494881	1171876	3	486,022	
DU10692	494944	1171879	5	275,119	
DU10693	495025	1171865	5	148,663	
DU10694	495124	1171862	0	120,301	
DU10695	495315	1171878	4	62,500	
DU10696	495363	1171874	0	150,468	
DU10697	495424	1171874	1	142,974	
DU10698	495477	1171881	5	78,869	
DU10699	495533	1171891	0	126,769	
DU10700	495554	1171846	2	37,199	
DU10701	495554	1171846	4	29,366	Duplicate of DU10700
DU10702	495689	1171877	2	130,531	
DU10703	495764	1171866	0	110,011	
DU10704	495807	1171873	8	143,779	
DU10705	495851	1171867	1	103,762	
DU10706	495920	1171858	24	102,067	

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Table 3. Rock Chip sample results from Timbakouna Gold Project

Sample ID	East	North	Au ppm	As ppm
RK20120	558467	1187775	0.01	25
RK20121	554710	1187315	0.46	43
RK20122	554839	1187207	<b>2.47</b>	27
RK20123	554832	1187196	0.37	21
RK20124	554830	1187180	0.81	31
RK20125	554934	1187257	0.02	22
RK20126	554981	1187218	0.02	13
RK20127	555009	1187218	0.05	24
RK20128	555058	1187204	0.01	24
RK20129	555130	1187198	<b>1.15</b>	32
RK20130	555143	1187183	0.49	23
RK20131	555255	1187215	0.03	11
RK20132	555315	1187189	0.03	29
RK20133	555441	1187215	0.21	23
RK20134	555458	1187251	0.05	36
RK20135	555486	1187245	<b>1.97</b>	32
RK20136	555560	1187250	0.19	26
RK20137	555894	1187218	0.01	20
RK20138	556097	1187158	0.02	11
RK20139	556113	1187155	0.03	18
RK20140	556116	1187148	0.98	26
RK20141	556188	1187148	0.03	16
RK20142	556512	1187094	<b>8.47</b>	2,484
RK20143	555076	1187104	<b>1.06</b>	89
RK20144	555125	1187096	0.06	51
RK20145	555158	1187100	0.02	72
RK20146	555238	1187104	0.03	13
RK20147	555737	1187039	0.03	24
RK20148	555822	1187050	0.03	11
RK20149	556338	1187043	0.77	478
RK20150	556339	1187036	<b>2.92</b>	1,369
RK20151	554671	1186765	0.05	96
RK20152	554977	1186799	0.01	26
RK20153	555017	1186808	0.01	18
RK20154	555233	1186787	0.01	17
RK20155	555296	1186782	0.01	12
RK20156	555454	1186758	0.46	31
RK20157	555535	1186754	0.02	8
RK20158	555603	1186744	0.01	35
RK20159	555614	1186735	0.02	32
RK20160	555658	1186710	0.01	23
RK20161	555691	1186725	0.01	14

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Sample ID	East	North	Au ppm	As ppm
RK20162	555765	1186749	0.01	22
RK20163	556215	1186800	0.57	523
RK20164	556253	1186860	0.03	92
RK20165	556415	1186901	0.19	353
RK20166	556422	1186904	0.10	396

**Table 4. Dump sample results from Timbakouna Gold Project**

Sample ID	East	North	Au ppb
DU20160	554701	1187306	11.25
DU20161	554750	1187234	10.14
DU20162	554844	1187201	1.97
DU20163	554822	1187177	7.83
DU20164	554778	1187171	18.02
DU20165	554936	1187259	29.2
DU20166	554980	1187218	91.69
DU20167	555078	1187207	23.33
DU20168	555129	1187212	7.69
DU20169	555153	1187182	9.07
DU20170	555187	1187208	42.23
DU20171	555242	1187224	65.03
DU20172	555284	1187214	12.37
DU20173	555324	1187192	88.34
DU20174	555387	1187173	7.06
DU20175	555441	1187230	21.15
DU20176	555489	1187241	11.59
DU20177	555540	1187244	4.52
DU20178	555611	1187240	8.36
DU20179	555665	1187233	85.86
DU20180	555774	1187236	5.64
DU20181	555819	1187230	81.96
DU20182	555859	1187216	6.25
DU20183	556009	1187172	8.42
DU20184	556061	1187161	8.52
DU20185	556097	1187157	23.68
DU20186	556119	1187147	36.95
DU20187	556158	1187135	28.63
DU20188	556327	1187181	11.31
DU20189	556318	1187220	11.08
DU20190	556320	1187252	26.23
DU20191	556369	1187233	10.86
DU20192	556424	1187192	22.77
DU20193	556480	1187182	13.43

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Sample ID	East	North	Au ppb
DU20194	556511	1187189	9.54
DU20195	556512	1187094	<b>2595</b>
DU20196	558075	1187148	32.66
DU20197	559159	1187287	41.9
DU20198	559181	1187353	69.28
DU20199	555026	1187086	3.23
DU20200	555072	1187091	4.46
DU20201	555072	1187091	4.24
DU20202	555146	1187089	13.48
DU20203	555211	1187102	10.26
DU20204	555306	1187088	28.2
DU20205	555363	1187116	12.96
DU20206	555429	1187114	3.51
DU20207	555511	1187102	13
DU20208	555569	1187092	11.09
DU20209	555943	1187083	7.35
DU20210	555995	1187091	5.82
DU20211	556103	1187069	19.55
DU20212	556161	1187015	12.84
DU20213	556213	1187031	43.05
DU20214	556256	1187031	31.62
DU20215	556319	1187040	13.82
DU20216	556370	1187037	10.65
DU20217	556451	1186999	35.84
DU20218	556472	1186950	27.75
DU20219	556519	1186984	<b>135.99</b>
DU20220	556519	1186942	63.37
DU20221	556560	1186930	30.19
DU20222	556566	1187005	16.98
DU20223	556618	1187021	8.4
DU20224	556657	1187042	9.54
DU20225	555823	1186763	7.73
DU20226	556157	1186743	9.71
DU20227	556202	1186728	25.48
DU20228	556208	1186774	6.82
DU20229	556215	1186800	16.13
DU20230	556243	1186825	26.09
DU20231	556239	1186859	28.98
DU20232	556291	1186844	10.65
DU20233	556415	1186901	<b>569.41</b>
DU20234	556410	1186904	56.57
DU20235	556407	1186884	73.82
DU20236	556409	1186883	<b>980.35</b>
DU20237	556422	1186904	34.76



Sample ID	East	North	Au ppb
DU20238	556416	1186926	<b>229.68</b>

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## JORC 2012 Table 1 Section 1 and Section 2

### Section 1: Sampling Techniques and Data – Exploration Results

Criteria	JORC Code Explanation	Commentary
<b>Sampling Technique</b>	<p>Nature and quality of sampling (eg 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.</p> <p>In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.</p>	<p>Rock Chip Samples Rock chip samples were taken from in-situ representative material and are generally 2 to 3 kg in size.</p> <p>Dump Samples A composite 4 to 5kg sample was taken from artisanal gold mining spoils and sieved to -2mm to remove any rock fragments. Dump samples are taken on a regular 100 x 50m grid.</p>
<b>Drilling</b>	<p>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).</p>	<p>There is no drilling results reported in this announcement.</p>
<b>Drill Sample Recovery</b>	<p>Method of recording and assessing core and chip sample recoveries and results assessed.</p> <p>Measures taken to maximise sample recovery and ensure representative nature of the samples.</p> <p>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.</p>	<p>There is no drilling results reported in this announcement.</p>
<b>Logging</b>	<p>Whether core and chip samples have been geologically and geotechnical logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</p> <p>Whether logging is qualitative or quantitative in nature. Core (or costean/Trench, channel, etc) photography.</p> <p>The total length and percentage of the relevant intersections logged.</p>	<p>Rock chip and dump samples were geologically logged with rock type, veining and any sulphide mineralogy noted.</p> <p>Logging is both qualitative and quantitative in nature.</p>
<b>Sub-Sampling Technique and Sample Preparation</b>	<p>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.</p> <p>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</p> <p>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</p> <p>Measures taken to ensure that the sampling is representative of the in-situ material collected.</p>	<p>Rock Chip and Dump samples</p> <p>A 3 to 4 kg in-situ representative sample was taken for assay. These samples were whole crushed and a 50g sub sample taken for analysis</p>

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	including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	
<b>Quality of Assay Data and Laboratory Tests</b>	<p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</p> <p>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.</p> <p>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</p>	<p><b>Rock Chip Samples</b> Analysis was conducted by Proslabs in Kouroussa, Guinea, using a standard Fire-Assay 50 method for gold. Results are reported to 10 ppb accuracy. Analysis for As was conducted using 10g sample with a 2 acid digest followed by ICP-MS and is reported to a 1.4 ppb As lower detection limit.</p> <p><b>Dump Samples</b> Analysis was conducted by Proslabs in Kouroussa, Guinea, using a standard Fire-Assay 50 followed by ICP-MS method for gold. Results are reported to 3 ppb accuracy. Analysis for As was conducted using 10g sample with a 2 acid digest followed by ICP-MS and is reported to a 1.4 ppb As lower detection limit.</p>
<b>Verification of Sampling and Assaying</b>	<p>The verification of significant intersections by either independent or alternative company personnel.</p> <p>The use of twinned holes.</p> <p>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</p> <p>Discuss any adjustment to assay data</p>	<p><b>Rock Chip Samples</b> 1 in 20 samples where repeated by the laboratory.</p> <p><b>Dump Samples</b> 1 in 20 samples where repeated by the laboratory. Duplicate samples were taken and submitted at a rate of 1 in 50. The laboratory also used a range of internal standards at a rate of 1 standard per 20 samples.</p> <p>All assay results in the database have been checked against the original laboratory assay certificates (PDF's)</p> <p>All laboratory QAQC results were acceptable.</p> <p>There has been no adjustment to assay data.</p>
<b>Location of Data points</b>	<p>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.</p> <p>Specification of the grid system used Quality and adequacy of topographic control</p>	<p>The coordinate system used is Conakry 1905/UTM zone 28N grid for Gauoul and Conakry 1905/UTM zone 29N for the Siguiri Basin.</p> <p>A handheld Garmin GPS was used for rock chip and dump samples.</p>
<b>Data Spacing and Distribution</b>	<p>Data spacing for reporting of Exploration Results</p> <p>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.</p> <p>Whether sample compositing has been applied</p>	<p><b>Rock Chip</b> There is no specific spacing for rock chip samples</p> <p><b>Dump Samples</b> The dump sampling was taken on an approximately 100 x 50m grid where the grid location was close to an artisanal working.</p> <p>There is no Mineral Resource and Ore Reserve estimation reported here.</p>
<b>Orientation of Data in Relation to Geological Structure</b>	<p>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</p> <p>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.</p>	<p><b>Rock Chip Samples</b> It is no known if the orientation of the sampling has created a sample bias at this stage.</p> <p><b>Dump Samples</b> It is no known if the orientation of the sampling has created a sample bias at this stage.</p>
<b>Sample Security</b>	The measures taken to ensure sample security	All samples taken were hand delivered to the laboratory in Kouroussa. The laboratory checked the samples delivered against the sample dispatch sheet and verified this was correct before commencing analysis.



## Section 2 Reporting of Exploration Results

<b>Mineral Tenement and Land Tenure Status</b>	<p>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.</p> <p>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.</p>	<p>The Siguirí Project comprises 14 tenements which range from reconnaissance applications, granted reconnaissance permits and granted exploration permits (see Table 1). Reconnaissance permits allow prospecting and non-ground disturbing activity such as surface sampling. Exploration permits allow ground disturbing activity such as auger or RC drilling.</p> <p>Reconnaissance permits can be converted to exploration permits upon justification of results. All permits are valid and registered in the Guinea mining cadastre system.</p> <p>The Angex agreement with Wassolon Mining Group is detailed in previous reports</p>
<b>Exploration Done by Other Parties</b>	<p>Acknowledgment and appraisal of exploration by other parties.</p>	<p>There has been very little exploration conducted within the tenement areas. The only historic exploration of note is RC drilling in the Timbakouna tenement and soil sampling in the Kantoumanina. The results of this are discussed in previous reports.</p> <p>There is no known exploration in the Dadjan permit.</p>
<b>Geology</b>	<p>Deposit type, geological setting and style of mineralisation.</p>	<p>The Siguirí Basin projects are situated in rocks of the Birimian Supergroup which consists of meta-sediments (shale, greywacke, cherts) and mafic to intermediate volcanics variably intruded by felsic intrusives such as granite and tonalite.</p> <p>The basin has been multiply deformed with basin wide NW and NE trending faults/shears. Orogenic gold mineralisation is typically hosted within these structural corridors, generally in close proximity to the felsic intrusives which are postulated to be the heat and fluid source for gold mineralisation.</p> <p>Gold mineralisation is typically quartz vein hosted with pyrite, pyrrhotite and hematite and associated sericite and chlorite alteration the main accessory minerals.</p> <p>The Siguirí Basin is deeply weathered with a strong laterite surface developed with nodular to pisolitic hard cap which is a host to remobilised gold mineralisation and the target for artisanal gold miners.</p>
<b>Drill Hole Information</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• easting and northing of the drill hole collar</li> <li>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>• dip and azimuth of the hole</li> <li>• down hole length and interception depth</li> <li>• hole length</li> <li>• 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.</li> </ul>	<p>There is no drilling results reported in this announcement.</p>

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<p><b>Data Aggregation Methods</b></p>	<p>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</p> <p>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</p> <p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	<p>No data aggregation methods have been applied. All results received have been reported as is.</p>
<p><b>Relationship Between Mineralisation Widths and Intercept Lengths</b></p>	<p>These relationships are particularly important in the reporting of Exploration Results</p> <p>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 (eg 'down hole length, true width not known').</p>	<p>There is no drilling results reported in this announcement.</p>
<p><b>Diagrams</b></p>	<p>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.</p>	<p>Diagrams including plan maps with sample results are provided with this report.</p>
<p><b>Balanced Reporting</b></p>	<p>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.</p>	<p>The company believes this announcement is a balanced report, and that all material information has been reported.</p>
<p><b>Other Substantive Exploration Data</b></p>	<p>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; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</p>	<p>All substantive historical exploration data has been discussed in previous reports by the company.</p>
<p><b>Further Work</b></p>	<p>The nature and scale of planned further work (eg tests for lateral 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.</p>	<p>Planned further work includes further surface sampling, mapping, auger drilling, air-core and RC drilling of gold targets that have identified.</p>