MARVELGOLD

ASX ANNOUNCEMENT ASX:MVL

22 June 2022

AUGER DRILLING AT KOLONDIEBA INTERCEPTS SIGNIFICANT BEDROCK MINERALISATION

HIGHLIGHTS

- Auger drilling at the Kolondieba Gold Project (**Kolondieba**) returns significant bedrock anomalism in all targets tested, with many targets remaining open along strike.
- Three standout targets each yield gold over 1km of strike length and several hundred metres across, with numerous **≥0.5g/t** intercepts in 5 of the 11 targets tested.
- Ten auger holes returned over **1g/t** with a peak value of **2.35g/t**.

Marvel Gold Limited (**ASX: MVL**) (**Marvel** or the **Company**) is pleased to announce the results of reconnaissance auger drilling at Kolondieba, located in south-east Mali. The Project is held under a joint venture with Oklo Resources (**ASX: OKU**) in which Marvel holds an 80% interest (**Oklo JV**).

Kolondieba Auger Results

Four targets at Kolondieba were tested, each of which exhibited strong and spatially extensive bedrock gold anomalism.

The general stratigraphy trends northeast-southwest, however the mineralisation at Target One appears to trend approximately north-south, giving it a strike length of over 2km and a width of up to 700m. At Target One, six holes returned intercepts greater than **1 g/t gold**, with a peak value of **2.35 g/t gold** in auger hole 22KDBAG1337.

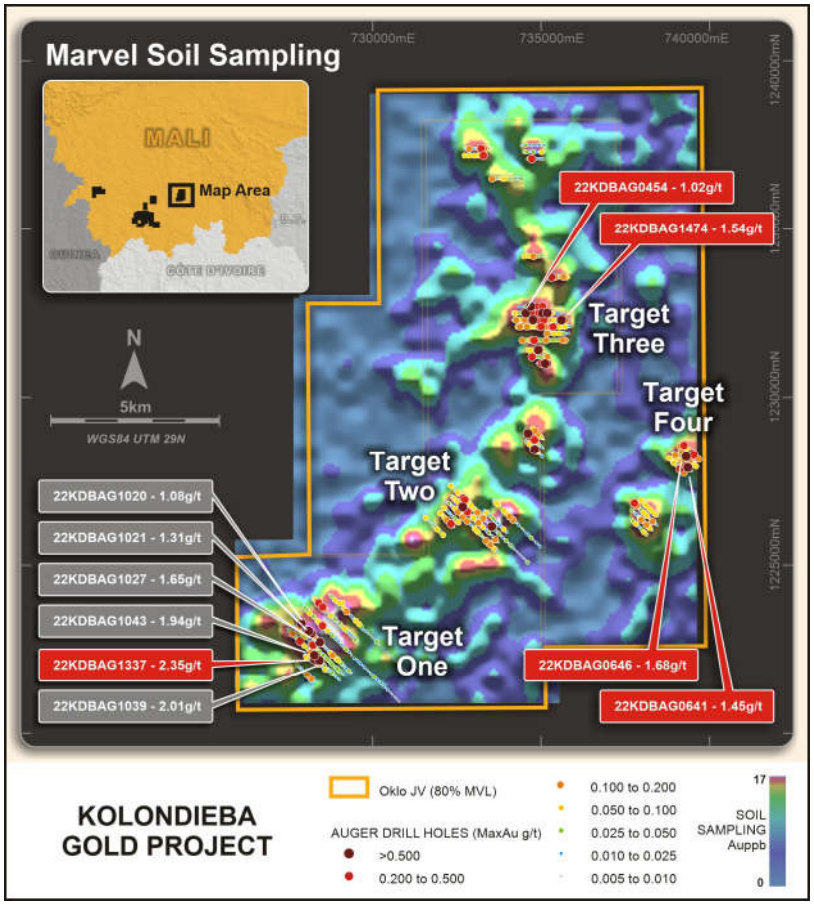
Mineralisation at Target Two is slightly disjointed, with an approximate strike length of 1km and a peak value of **0.74 g/t gold** reported. Anomalism remains open along strike to both the north and south.

Target Three has a strike length of approximately 1.6km and a width of almost 800m. It remains open along strike to both the north and south. Eight holes returned intercepts greater than **0.5 g/t gold**, with a peak value of **1.54 g/t gold** in auger hole 22KDBAG1474.

Target Four is located to the east of Kolondieba and is interpreted to be the strike extension of mineralisation found in the neighbouring Kalaka licence of London-listed Panthera Resources. Historical drilling in the Kalaka licence has returned 249.3m at 0.54 g/t (from 52m to end of hole), including 8m at 3.17 g/t. Target Four has a strike length of approximately 650m and a width of 350m. It remains open along strike to both the north and south. Nine holes returned intercepts greater than **0.2 g/t gold**, with a peak value of **1.68 g/t gold** in hole 22KDBAG0646.

Managing Director, Chris van Wijk commented:
"We are extremely pleased with the results of our recent auger drilling campaign at Kolondieba which has multiple holes carrying over 1g/t gold – exceptional results for auger drilling. We have been systematically de-risking Kolondieba over successive phases of exploration, with this latest phase of auger drilling pointing to multiple areas of in-situ bedrock mineralisation present across the project area. Kolondieba has all the right ingredients for the next major discovery in the area."

Figure 1: Kolondieba auger drilling results[1]



Auger reconnaissance drilling

At Kolondieba, a total of 1,354 holes were drilled across 11 targets, all of which returned significant bedrock gold anomalism. Three standout targets each yielded **≥0.1g/t** gold anomalism over 1km of strike length and several hundred metres across, with numerous **≥0.5g/t** intercepts encountered in 5 of the 11 targets tested.

Auger drilling is a rapid and cost-effective reconnaissance drilling technique used to test the bedrock in order to confirm that gold-in-soil anomalies are sourced from the underlying geology and that they have not been transported.

The auger drilling was conducted as follow-up to a previous soil sampling program which defined strong and largely coherent gold anomalism passing through the centre of the Kolondieba permit. Auger drilling has confirmed that these soil anomalies are not transported but are derived from the underlying bedrock. The strongest gold-in-soil anomalies were drill tested, however several other soil anomalies remain untested. Of the targets drilled, many remain open along strike.

[1] See Appendix 1 for further information on the location of Kolondieba.

Kolondieba Geology

Kolondieba straddles the Bannifin Shear-Zone (**BSZ**) which is a major geological structure in the south of Mali. It appears to (indirectly) control gold mineralisation at the 7.5 million ounce Morila gold mine, and Marvel's one million ounce Tabakorole gold deposit.

Mineralisation at Kolondieba appears to be associated with a lithological contact between felsic intrusives and metasediments, and a major adjacent structure parallel with the BSZ. Mafic and ultramafic lithologies also appear to have some control over gold mineralisation. This is a very similar geological setting to the nearby Morila deposit, where gold mineralisation is thought to be partly controlled by the emplacement of Birimian age granitic intrusives into the overlying sediments.

Next steps

The Kolondieba auger samples will now be analysed in-house by the Company's portable X-ray fluorescence (pXRF) machine. This will provide multi-element geochemical data which will enhance the understanding of the geology at Kolondieba, the results of which will inform the drill targeting process.

A high-resolution Gradient Array Induced Polarisation survey is planned over Targets One to Four covering a combined area of approximately 13km^2. The results of this survey, in conjunction with the auger drilling assay data, will help to better define follow-up targets for reverse circulation drilling.

This announcement has been approved for release by the Marvel board of directors.

CHRIS VAN WIJK

Managing Director

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For more information, visit www.marvelgold.com.au.

Competent Person's Statement

The information in this announcement that relates to exploration results at Kolondieba is based on information compiled by Company geologists and reviewed by Mr Chris van Wijk, in his capacity as Managing Director and Exploration Manager of Marvel Gold Limited. Mr. van Wijk is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience which is 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 (**2012 JORC Code**). Mr. van Wijk consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears.

Reference to previous ASX announcements

In relation to the announcement of the Tabakorole Mineral Resource estimate on 5 October 2021, the Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement and that all material assumptions and technical parameters underpinning the Mineral Resource in that announcement continue to apply and have not materially changed.

About Marvel Gold

Marvel Gold Limited is an Australian resources company listed on the Australian Securities Exchange under stock code MVL. Marvel is a Mali-focused gold explorer with advanced gold exploration projects and extensive landholdings in South Mali.

The Tabakorole Gold Project has a JORC Mineral Resource of **1.025Moz grading 1.2 g/t gold** (see ASX announcement dated 5 October 2021), with strong growth prospects along strike and via near-deposit prospectivity over an extensive landholding in excess of 800km^2. Tabakorole is held through 100%-owned licences as well as two separate joint ventures, with Oklo Resources Limited (ASX: OKU) (**Oklo JV)**, in which the Company holds an 80% interest) and with Altus Strategies plc (**Altus JV)**, in which the Company currently holds a 70% interest which is moving towards 75% through committed expenditure.

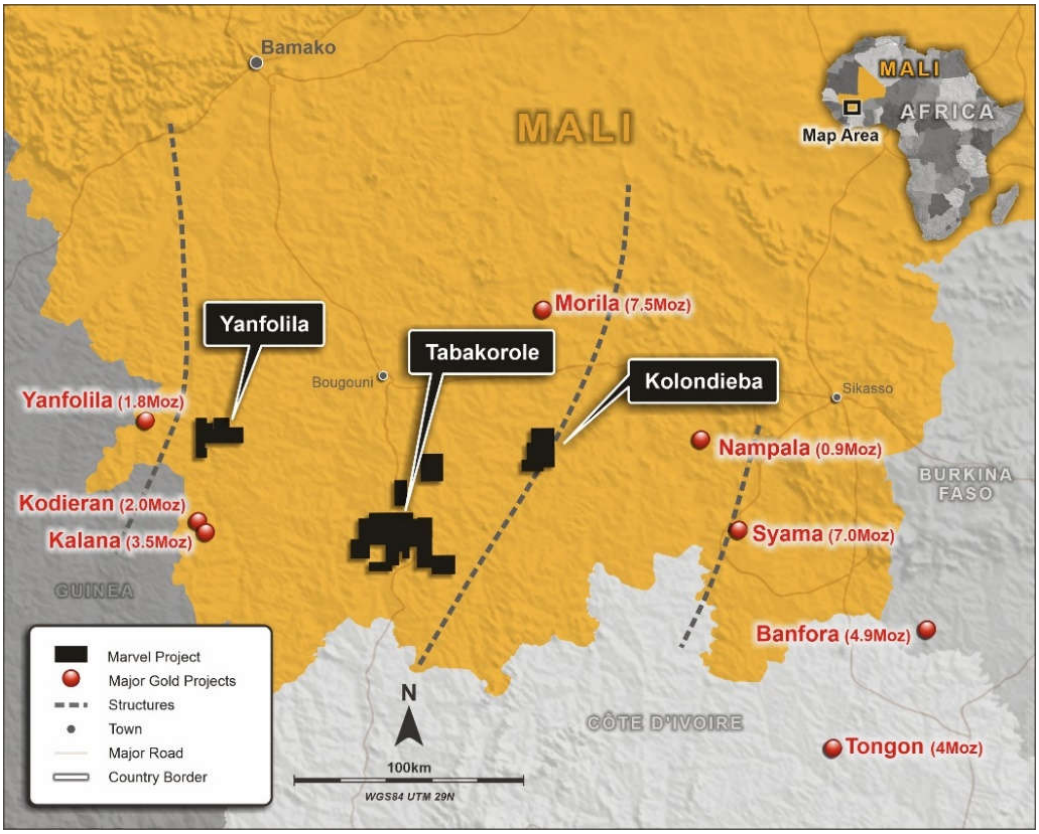
Marvel has an experienced board and management team with specific skills, and extensive experience, in African based exploration, project development and mining.

Tabakorole Mineral Resource Estimate as at 5 October 2021 (JORC 2012)

	Indicated			Inferred			Total		
	Mt	Au (g/t)	koz (Au)	Mt	Au (g/t)	koz (Au)	Mt	Au (g/t)	koz (Au)
Oxide	1.4	1.2	50	1.3	1.3	55	2.7	1.3	110
Fresh	7.8	1.2	310	16.0	1.2	610	23.8	1.2	915
Total	**9.2**	**1.2**	**360**	**17.3**	**1.2**	**665**	**26.5**	**1.2**	**1,025**

Note: Reported at a cut-off grade of 0.6 g/t Au, differences may occur due to rounding.

Appendix 1: Marvel Gold project location map



Appendix 2: Drillhole details

Maximum gold values per hole ≥ 0.1 g/t Au.

Prospect	Hole ID	East (WGS84)	North (WGS84)	RL	Dip	Azi	EOH (m)	From	To	Width	Max Au g/t
Target One	22KDBAG0014	728163	1222430	328	-90	0	9	4	5	1	0.1
Target One	22KDBAG0019	728101	1223050	322	-90	0	5	4	5	1	0.99
Target One	22KDBAG0022	728250	1222902	318	-90	0	7	6	7	1	0.12
Target One	22KDBAG0036	728464	1222125	319	-90	0	9	6	7	1	0.1
Target One	22KDBAG0047	728510	1223208	341	-90	0	6	3	4	1	0.23
Target One	22KDBAG0092	728593	1223689	341	-90	0	5	4	5	1	0.16
Target One	22KDBAG0093	728567	1223715	341	-90	0	5	4	5	1	0.13
Target Two	22KDBAG0162	732624	1226773	329	-90	0	13	6	7	1	0.18
Target Two	22KDBAG0164	732674	1226728	328	-90	0	13	12	13	1	0.55
Target Two	22KDBAG0167	732749	1226651	320	-90	0	13	4	5	1	0.33
Target Two	22KDBAG0172	733209	1226469	358	-90	0	23	22	23	1	0.17
No Name	22KDBAG0244	737975	1226354	320	-90	0	15	14	15	1	0.16
No Name	22KDBAG0278	734765	1228496	316	-90	0	15	14	15	1	0.18
No Name	22KDBAG0279	734789	1228472	318	-90	0	13	6	7	1	0.11
No Name	22KDBAG0280	734810	1228450	320	-90	0	13	12	13	1	0.96
No Name	22KDBAG0289	734831	1228712	329	-90	0	11	10	11	1	0.1
No Name	22KDBAG0293	734609	1228934	324	-90	0	13	12	13	1	0.76
Target One	22KDBAG0295	728179	1221619	334	-90	0	11	10	11	1	0.14
Target One	22KDBAG0299	728057	1221743	328	-90	0	11	5	6	1	0.13
Target One	22KDBAG0310	728393	1222078	334	-90	0	13	12	13	1	0.11
Target One	22KDBAG0350	727783	1223085	321	-90	0	7	3	4	1	0.14

Prospect	Hole ID	East (WGS84)	North (WGS84)	RL	Dip	Azi	EOH (m)	From	To	Width	Max Au g/t
Target One	22KDBAG0362	728357	1223926	354	-90	0	21	10	11	1	0.1
Target Three	22KDBAG0376	735119	1231004	329	-90	0	17	16	17	1	0.55
Target Three	22KDBAG0379	735189	1231204	333	-90	0	15	14	15	1	0.15
Target Three	22KDBAG0398	735148	1231694	317	-90	0	9	8	9	1	0.1
Target Three	22KDBAG0409	735178	1231894	319	-90	0	17	10	11	1	0.1
Target Three	22KDBAG0415	735002	1232097	328	-90	0	11	7	8	1	0.2
Target Three	22KDBAG0419	735320	1232096	329	-90	0	15	6	7	1	0.27
Target Three	22KDBAG0429	735741	1232297	334	-90	0	11	4	5	1	0.16
Target Three	22KDBAG0430	735634	1232294	336	-90	0	11	4	5	1	0.15
Target Three	22KDBAG0440	734935	1232297	331	-90	0	17	16	17	1	0.42
Target Three	22KDBAG0442	734760	1232297	323	-90	0	13	9	10	1	0.65
Target Three	22KDBAG0443	734690	1232297	320	-90	0	15	9	10	1	0.17
Target Three	22KDBAG0445	734550	1232301	328	-90	0	17	9	10	1	0.16
Target Three	22KDBAG0454	734550	1232497	319	-90	0	15	6	7	1	1.02
Target Three	22KDBAG0456	734686	1232501	324	-90	0	17	16	17	1	0.1
Target Three	22KDBAG0457	734725	1232500	332	-90	0	15	14	15	1	0.22
Target Three	22KDBAG0458	734795	1232499	334	-90	0	17	16	17	1	0.15
Target Three	22KDBAG0459	734863	1232499	333	-90	0	15	14	15	1	0.11
Target Three	22KDBAG0461	735005	1232496	331	-90	0	13	12	13	1	0.1
Target Three	22KDBAG0463	735143	1232497	321	-90	0	15	14	15	1	0.17
Target Three	22KDBAG0468	735040	1232697	335	-90	0	15	14	15	1	0.2
Target Three	22KDBAG0469	734900	1232696	330	-90	0	13	6	7	1	0.45
Target Three	22KDBAG0470	734691	1232697	327	-90	0	11	6	7	1	0.63
No Name	22KDBAG0474	735420	1233569	343	-90	0	9	4	5	1	0.1
No Name	22KDBAG0478	735666	1233568	342	-90	0	11	10	11	1	0.14
No Name	22KDBAG0481	734775	1234188	340	-90	0	11	10	11	1	0.1
No Name	22KDBAG0519	733362	1237402	327	-90	0	19	4	5	1	0.15
No Name	22KDBAG0521	733218	1237402	358	-90	0	13	7	8	1	0.3
No Name	22KDBAG0526	732870	1237400	340	-90	0	15	4	5	1	0.11
No Name	22KDBAG0539	733549	1236510	356	-90	0	19	18	19	1	0.1
Target Two	22KDBAG0560	732805	1226309	332	-90	0	11	10	11	1	0.12
Target Two	22KDBAG0564	732740	1226942	317	-90	0	13	6	7	1	0.26
Target Two	22KDBAG0581	733370	1225735	334	-90	0	17	16	17	1	0.13
Target Two	22KDBAG0599	732769	1226917	323	-90	0	13	12	13	1	0.13
Target Four	22KDBAG0609	739540	1228280	320	-90	0	13	12	13	1	0.25
Target Four	22KDBAG0610	739490	1228334	317	-90	0	11	10	11	1	0.3
Target Four	22KDBAG0611	739468	1228356	318	-90	0	13	12	13	1	0.31
Target Four	22KDBAG0629	738985	1228270	313	-90	0	9	8	9	1	0.19
Target Four	22KDBAG0633	739118	1227857	313	-90	0	11	10	11	1	0.42
Target Four	22KDBAG0641	739356	1227900	319	-90	0	15	14	15	1	1.45
Target Four	22KDBAG0646	739304	1228235	316	-90	0	7	6	7	1	1.68
Target Four	22KDBAG0647	739350	1228193	311	-90	0	13	12	13	1	0.26
Target Four	22KDBAG0648	739379	1228165	317	-90	0	13	12	13	1	0.12
Target Four	22KDBAG0649	739424	1228113	319	-90	0	15	14	15	1	0.12
Target One	22KDBAG1004	727622	1222968	334	-90	0	7	6	7	1	0.15
Target One	22KDBAG1009	727842	1222751	334	-90	0	7	4	5	1	0.22
Target One	22KDBAG1020	727883	1223276	331	-90	0	5	2	3	1	1.08
Target One	22KDBAG1021	728173	1222975	324	-90	0	3	1	2	1	1.31

Prospect	Hole ID	East (WGS84)	North (WGS84)	RL	Dip	Azi	EOH (m)	From	To	Width	Max Au g/t
Target One	22KDBAG1027	728426	1222726	325	-90	0	7	4	5	1	1.65
Target One	22KDBAG1028	728447	1222701	323	-90	0	7	4	5	1	0.13
Target One	22KDBAG1036	728816	1222335	338	-90	0	9	6	7	1	0.17
Target One	22KDBAG1038	728439	1222156	320	-90	0	12	9	10	1	0.26
Target One	22KDBAG1039	728417	1222177	322	-90	0	13	12	13	1	2.01
Target One	22KDBAG1040	728389	1222201	317	-90	0	15	14	15	1	0.29
Target One	22KDBAG1043	728270	1222336	320	-90	0	9	6	7	1	1.94
Target One	22KDBAG1108	728516	1223763	348	-90	0	4	1	2	1	0.2
Target One	22KDBAG1121	729228	1223629	333	-90	0	5	4	5	1	0.14
Target Two	22KDBAG1155	732346	1226206	342	-90	0	11	10	11	1	0.13
Target Two	22KDBAG1156	732325	1226229	333	-90	0	9	8	9	1	0.36
Target Two	22KDBAG1158	732206	1226348	327	-90	0	11	7	8	1	0.11
Target Two	22KDBAG1169	732529	1226585	331	-90	0	11	5	6	1	0.11
Target Two	22KDBAG1179	732601	1226797	328	-90	0	15	10	11	1	0.1
Target Two	22KDBAG1180	732770	1226628	326	-90	0	9	8	9	1	0.4
Target Two	22KDBAG1182	732817	1226579	327	-90	0	9	8	9	1	0.26
Target Two	22KDBAG1186	733142	1226264	353	-90	0	19	18	19	1	0.1
Target Two	22KDBAG1190	733261	1226422	350	-90	0	25	12	13	1	0.13
Target Two	22KDBAG1191	733286	1226395	348	-90	0	23	22	23	1	0.1
Target Two	22KDBAG1204	733641	1225760	320	-90	0	15	14	15	1	0.15
Target Two	22KDBAG1220	733533	1226151	326	-90	0	9	2	3	1	0.74
Target Two	22KDBAG1243	734167	1226348	318	-90	0	5	4	5	1	0.18
Target Two	22KDBAG1245	734068	1226445	323	-90	0	13	12	13	1	0.13
No Name	22KDBAG1271	738131	1226202	322	-90	0	11	2	3	1	0.11
No Name	22KDBAG1276	738316	1226293	324	-90	0	11	10	11	1	0.11
No Name	22KDBAG1286	737847	1226767	315	-90	0	13	12	13	1	0.12
No Name	22KDBAG1288	737772	1226842	312	-90	0	13	12	13	1	0.42
No Name	22KDBAG1315	734807	1228737	328	-90	0	13	12	13	1	0.23
No Name	22KDBAG1316	734731	1228807	315	-90	0	11	10	11	1	0.24
No Name	22KDBAG1317	734709	1228837	323	-90	0	13	4	5	1	0.1
No Name	22KDBAG1318	734684	1228858	328	-90	0	9	8	9	1	0.1
Target One	22KDBAG1337	728274	1222207	323	-90	0	13	12	13	1	2.35
Target One	22KDBAG1385	728183	1222683	322	-90	0	7	6	7	1	0.11
Target One	22KDBAG1387	728232	1222633	318	-90	0	7	6	7	1	0.42
Target One	22KDBAG1406	728396	1223888	339	-90	0	13	12	13	1	0.25
No Name	22KDBAG1412	734824	1229008	320	-90	0	13	12	13	1	0.1
No Name	22KDBAG1414	734895	1228928	330	-90	0	13	4	5	1	0.17
Target Three	22KDBAG1420	735015	1231009	335	-90	0	15	14	15	1	0.38
Target Three	22KDBAG1422	735189	1231008	329	-90	0	9	4	5	1	0.38
Target Three	22KDBAG1431	734734	1231205	338	-90	0	11	5	6	1	0.27
Target Three	22KDBAG1437	734914	1231407	337	-90	0	13	4	5	1	0.55
Target Three	22KDBAG1439	734443	1231695	339	-90	0	11	10	11	1	0.12
Target Three	22KDBAG1441	734719	1231704	319	-90	0	11	10	11	1	0.1
Target Three	22KDBAG1442	734796	1231695	325	-90	0	9	4	5	1	0.28
Target Three	22KDBAG1445	735711	1231699	326	-90	0	15	7	8	1	0.19
Target Three	22KDBAG1446	735633	1231697	326	-90	0	15	7	8	1	0.17
Target Three	22KDBAG1454	734373	1232097	336	-90	0	13	12	13	1	0.17
Target Three	22KDBAG1455	734582	1232097	333	-90	0	15	14	15	1	0.17

Prospect	Hole ID	East (WGS84)	North (WGS84)	RL	Dip	Azi	EOH (m)	From	To	Width	Max Au g/t
Target Three	22KDBAG1457	734931	1232097	323	-90	0	9	8	9	1	0.12
Target Three	22KDBAG1459	735142	1232099	325	-90	0	13	6	7	1	0.17
Target Three	22KDBAG1461	735250	1232095	331	-90	0	13	12	13	1	0.18
Target Three	22KDBAG1462	735357	1232096	327	-90	0	13	12	13	1	0.21
Target Three	22KDBAG1474	735599	1232296	333	-90	0	9	8	9	1	1.54
Target Three	22KDBAG1480	735214	1232301	327	-90	0	19	8	9	1	0.19
Target Three	22KDBAG1481	735145	1232297	331	-90	0	19	6	7	1	0.19
Target Three	22KDBAG1482	735076	1232295	328	-90	0	19	18	19	1	0.29
Target Three	22KDBAG1484	734901	1232295	335	-90	0	13	12	13	1	0.14
Target Three	22KDBAG1485	734865	1232298	322	-90	0	13	12	13	1	0.11
Target Three	22KDBAG1487	734728	1232290	323	-90	0	15	6	7	1	0.16
Target Three	22KDBAG1489	734622	1232299	325	-90	0	9	8	9	1	0.12
Target Three	22KDBAG1490	734513	1232298	331	-90	0	13	12	13	1	0.11
Target Three	22KDBAG1494	734269	1232297	331	-90	0	11	4	5	1	0.17
Target Three	22KDBAG1504	734758	1232501	333	-90	0	17	9	10	1	0.12
Target Three	22KDBAG1505	734827	1232499	328	-90	0	17	16	17	1	0.16
Target Three	22KDBAG1506	734894	1232499	332	-90	0	19	18	19	1	0.18
Target Three	22KDBAG1507	734933	1232499	330	-90	0	15	14	15	1	0.22
Target Three	22KDBAG1508	735039	1232498	328	-90	0	13	7	8	1	0.63
Target Three	22KDBAG1510	735180	1232504	326	-90	0	13	6	7	1	0.57
Target Three	22KDBAG1517	734967	1232698	326	-90	0	15	14	15	1	0.19
Target Three	22KDBAG1518	734826	1232699	325	-90	0	15	14	15	1	0.11
No Name	22KDBAG1524	735273	1233574	347	-90	0	15	5	6	1	0.47
No Name	22KDBAG1525	735313	1233571	344	-90	0	15	4	5	1	0.31
No Name	22KDBAG1526	735387	1233565	341	-90	0	9	4	5	1	0.13
No Name	22KDBAG1561	734727	1237102	357	-90	0	11	10	11	1	0.35
No Name	22KDBAG1573	733325	1237403	360	-90	0	15	14	15	1	0.12
No Name	22KDBAG1576	733254	1237401	366	-90	0	17	16	17	1	0.17
No Name	22KDBAG1591	733289	1237204	358	-90	0	13	12	13	1	0.2
Target Two	22KDBAG1612	732684	1226429	315	-90	0	11	4	5	1	0.12
Target Two	22KDBAG1620	732689	1226990	320	-90	0	13	6	7	1	0.47
Target Two	22KDBAG1636	733446	1225664	330	-90	0	19	18	19	1	0.15
Target Two	22KDBAG1637	733493	1225614	336	-90	0	19	18	19	1	0.13
Target Two	22KDBAG1644	733113	1226568	334	-90	0	9	8	9	1	0.14
Target Four	22KDBAG1657	739667	1228157	308	-90	0	15	14	15	1	0.12
Target Four	22KDBAG1664	739245	1228579	314	-90	0	9	8	9	1	0.41
Target Four	22KDBAG1667	739129	1228557	310	-90	0	7	6	7	1	0.11
Target Four	22KDBAG1682	739242	1227736	310	-90	0	13	12	13	1	0.14
Target Four	22KDBAG1686	739182	1228067	319	-90	0	9	8	9	1	0.11
Target Four	22KDBAG1688	739307	1227946	320	-90	0	13	12	13	1	0.27
Target Four	22KDBAG1693	739179	1228364	312	-90	0	7	6	7	1	0.13
Target Four	22KDBAG1695	739272	1228260	314	-90	0	7	6	7	1	0.13
Target Four	22KDBAG1696	739326	1228212	313	-90	0	9	8	9	1	0.1

Appendix 3. 2012 JORC Code Table 1 Reporting

Section 1 - Sampling Techniques and Data

Criteria	Explanation	Commentary
Sampling Techniques	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 down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	Auger samples were collected by spear sampling. Two samples were taken per hole: one at the cover-saprolite interface (mottled zone) and one sample 2 metres into *in situ* saprolite.
	Aspects of the determination of mineralisation that are Material to the Public Report.	All samples are prepared by an independent laboratory: samples are crushed to -2mm and a 1000g sub-sample is pulverised to 85% passing 75 microns. Gold has been determined by fire assay/AAS based on a 50g charge.
Drilling techniques	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).	Auger drilling was used for reconnaissance purposes. Holes were drilled vertically until the hole had reached at least 2 metres into *in situ* saprolite.
Drill Sample Recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Not applicable – reconnaissance drilling is a geochemical technique not used for resource estimation.
	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.	Spear samples are collected by sampling across the sample pile to try and get as representative a sample as possible. The drilling reported herein is reconnaissance in nature designed to test shallow subsurface anomalies. Grade/recovery relationship is not assessed.
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.	Auger drilling data is logged with lithology, alteration and geological observations recorded, however reconnaissance drilling is not deemed suitable for use in Resource Estimation.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging is qualitative as above.
	The total length and percentage of the relevant intersections logged.	All samples are geologically logged.
Sub-Sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Not applicable – no core drilling reported.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Reconnaissance samples are spear sampled.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample preparation consisted of jaw crushing to -2mm, splitting 1000 grams and pulverizing to 85% passing 75µ. A sub-sample of 150-200g (pulp sample) is retained for analysis. The sample preparation procedures carried out are considered industry standard.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Field duplicates, certified standards and Bblanks have been used to monitor laboratory QAQC.
	Measures taken to ensure that the sampling is representative of the in-situ material collected, including for	Field duplicates are the primary means of ensuring representativeness of sampling. Standards and blanks have been used to ensure assay quality.

Criteria	Explanation	Commentary
	instance results for field duplicate/second-half sampling.	
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.	All samples were assayed for gold by fire-assay with AAS finish by SGS Laboratories in Bamako, Mali. This is considered to be a total analysis for Gold.
	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.	Not Applicable – no geophysical data reported.
	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.	Field duplicates and Blanks were used for laboratory quality control.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Samples have been verified by Rocksolid Data Consultants who are independent Database adminstrators.
	The use of twinned holes.	Not applicable – no twin drilling reported.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All sample details are recorded on paper in the field before being transferred to spreadsheets which are then validated and imported into a Datashed database, administered in Perth, Western Australia.
	Discuss any adjustment to assay data.	No assay data was adjusted, and no averaging was employed
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.	Final sample locations and drillhole collars were recorded using a handheld GPS with 3-5m accuracy.
	Specification of the grid system used	All results reported use WGS84 UTM Zone 29.
	Quality and adequacy of topographic control	Not applicable.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Reconnaissance drill spacing is variable. Generally first pass hole spacing is on the order of 30m between holes and 200m – 400m between lines of holes.
	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.	Reconnaissance drilling is not considered appropriate for inclusion in Mineral Resource reporting.
	Whether sample compositing has been applied.	Samples have not been composited in this program.
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.	Reconnaissance drilling is generally oriented perpendicular to structure as interpreted in the magnetic data to try and eliminate bias.
	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.	Not applicable – no bias known.

Criteria	Explanation	Commentary
Sample Security	The measures taken to ensure sample security.	Samples were stored on site in the field camp until their despatch on a weekly basis. Samples were bagged and consolidated into sacks secured with zip ties. Samples were delivered to the laboratory by Marvel Gold vehicles and employees. A chain of custody was maintained at all times.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits have been conducted.

Section 2 - Reporting of Exploration Results

Criteria	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 Kolondieba and Kolondieba North licences are held under JV with Oklo Resources. • The Kolondieba license was renewed under Arrêté N°2021-4448 on the 28th October 2021 and is valid for 3 years. • The Kolondieba North license is currently under renewal.
	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.	There are no known impediments to operating on any of the licences.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Historical termite mound sampling and limited auger drilling was undertaken by Randgold Resources.
Geology	Deposit type, geological setting and style of mineralisation	Kolondieba is thought to have potential to host an orogenic, hydrothermal gold deposit with much in common with other volcano-sedimentary hosted Birimian style orogenic gold deposits throughout the region.
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: o easting and northing of the drill hole collar o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar o dip and azimuth of the hole o down hole length and interception depth o hole length.	All relevant summary information is reported.
Data aggregation methods	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.	For reconnaissance drilling, all samples reporting above 0.1g/t Au are reported.
	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.	As above.

Criteria	Explanation	Commentary
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are reported.
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 only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	Not applicable – relationship cannot be established through reconnaissance drilling.
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.	See body of announcement for diagrams.
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 soil results from the current program have been reported. All anomalous drill samples have been reported.
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; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All applicable geological observations have been reported at this time.
Further work	The nature and scale of planned further work (eg 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 work is to consist of a gradient array IP survey. Following this, shallow RC drilling would be considered depending upon the results of the IP survey.