# Citigold Corporation Limited



### **ASX ANNOUNCEMENT**

15 March 2021

# **Exploration Program March 2021**

Citigold Corporation Limited ("Citigold" or "Company") (ASX:CTO) hereby announces ongoing results of it's latest broad regional exploration program.

Further sample results have been returned from the stream sediment and rock chip exploration sampling program across Citigold's land holdings. Of the 84 sites sampled, twelve (14%) have returned anomalies in the -2mm sand fraction of stream sediments.

Based on log-probability statistical analysis, gold values above 0.1 g/t Au, copper, lead and zinc values above 100ppm and arsenic values above 20 ppm are considered anomalous for this area.

Gold was analysed by commercial laboratories in Townsville and Perth using 50g fire assay with atomic absorption spectrometry finish on sub-samples from 2-5 kg screened sand samples. Base metals were analysed by Inductively Couple Plasma Atomic Emission Spectrometry (ICP-AES).

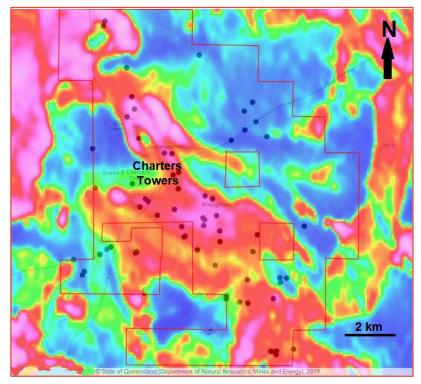


Figure 1. Sample site locations in the exploration program commenced in late 2020.

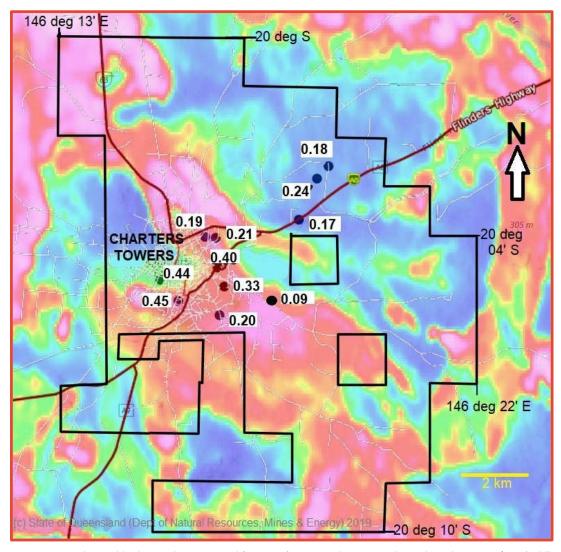


Figure 2. Anomalous gold values in the -2mm sand fraction of stream sediment samples. Values above 0.1 g/t Au (gold) are considered anomalous. The majority of the anomalies are downstream of known old gold mine workings, mills or stamper batteries.

The majority of the anomalous samples are in and around the Charters Towers urban and suburban areas and are predominantly downstream of known old gold mines and their associated processing mills and stamper batteries. Four of the samples are in Gladstone Creek, downstream of the Venus gold battery and processing works which operated from 1872 until 1975 when it was acquired by the Qld National Trust for preservation as a tourist attraction. Anomalous gold in the -2mm sand fraction was detected in the current sampling program up to nine kilometres downstream of the battery. The anomalous results in this set of samples are unlikely to identify new mineralisation but have been useful in determining how far gold particles can be traced downstream away from their source.

The anomalous samples with their coordinates and assay results are tabled below. All base metal anomalies were associated with anomalous gold values and are typical of the Charters Towers style of mesothermal mineralisation, with gold above 0.1 g/t Au showing a strong association with lead and zinc above 100ppm but low copper and arsenic values.

Sampling is planned to resume in late March or early April following the end of the Wet Season which has delayed the commencement of work in 2021.

Sample No.	Latitude	Longitude	Au g/t	Ag g/t	As ppm	Cu ppm	Pb ppm	Zn ppm	Comment
1	- 20.08210	146.27694	0.33	<0.2	20	14	83	105	Adjacent to Central Decline.
4	- 20.08665	146.29417	0.09	<0.2	6	2	15	28	Venus Gold Battery in Gladstone Creek.
11	- 20.09170	146.27515	0.20	<0.2	6	14	98	258	Downstream of Ruby mine.
22	- 20.07567	146.27433	0.40	0.3	9	23	148	284	Downstream of Queen & Queen Cross mines.
23	- 20.06557	146.27367	0.21	0.3	41	38	434	636	1.4 km downstream of Defiance Mill site.
24	- 20.06522	146.27008	0.19	0.3	74	34	289	363	900m downstream of Defiance Mill site.
25	- 20.07968	146.25387	0.44	0.5	79	45	490	661	Downstream of North Australian lode.
26	- 20.08693	146.26045	0.45	1.5	82	86	957	912	Downstream of Rainbow Wyndham mine.
56	- 20.05938	146.30350	0.17	0.2	10	13	80	145	Gladstone Creek - 3km from Venus Battery.
59	- 20.04567	146.31012	0.24	<0.2	7	6	51	86	Gladstone Creek Flinders Highway - 5 km from Venus Battery.
									Tributary of Gladstone Ck - no known gold occurrences
61	- 20.04142	146.31420	0.18	<0.2	11	7	67	104	upstream.
									Possible alluvial flat with contamination from Gladstone Ck.
62	- 20.01373	146.33782	0.13	<0.2	9	6	80	114	Gladstone Creek - 9 km downstream of Venus Battery.

#### CHARTERS TOWERS PROJECT OVERVIEW

Citigold is an Australian gold mining and exploration company, operating on the core highgrade Charters Towers goldfield in north-east Australia, 1,000 kilometres north of Brisbane, Queensland, and 130 kilometres south-west by sealed highway from the major coastal port of Townsville.

The Gold Project is one of Australia's largest high-grade pure gold deposits.

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Authorised for release by Mark Lynch, Chairman.

Cautionary Note: This release may contain forward-looking statements that are based upon management's expectations and beliefs in regard to future events. These statements are subject to risk and uncertainties that might be out of the control of Citigold Corporation Limited and may cause actual results to differ from the release. Citigold Corporation Limited takes no responsibility to make changes to these statements to reflect change of events or circumstances after the release.

Competent Person Statement: The following statements apply in respect of the information in this report that relates to Exploration Results: The information is based on, and accurately reflects, information compiled by Mr Christopher Alan John Towsey, who is a Corporate Member and Fellow of the Australasian Institute of Mining and Metallurgy. Mr Towsey is a Chartered Professional (Geology) and currently independent of Citigold Corporation Limited, having previously been a Director of the Company from 2014-June 2016. He has the relevant experience in relation to the mineralisation being reported on to qualify as a Competent Person as defined in the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Identified Mineral Resources and Ore Reserves 2012. Mr Towsey has consented in writing to the inclusion in this report of the matters based on the information in the form and context in which it appears. For full details see Technical Report on the Mineral Resources and Reserves at www.citigold.com click Mining >Technical Reports >Mineral Resources and Ore Reserves 2020.



# **JORC CHECKLIST**

#### **SECTION 1 SAMPLING TECHNIQUES AND DATA**

(Criteria in this section apply to all succeeding sections)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Sampling techniques	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 fireassay'). 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.	unaware of which samples were duplicated.  At each site 3-5kg of -2mm sediment was collected for Bulk Cyanide Leach assaying;  A further 2-5kg of -2mm sediment was collected for gold assay by 50g fire assay and a 35 element scan.  At each site 1-2 kg of rock chips from either outcrop or creek-bed float was taken.  This report refers to analysis results received from the -2mm sediment fraction assayed for gold by fire assay and the 35 element scan.
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.).	No drilling was undertaken for this report
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.	
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.) photo-graphy.  The total length and percentage of the relevant intersections logged.	
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 propagation technique.	where they are dried at 105°C; weighed; crushed to –6mm; and pulverised to 90% passing 75um where a 200g sub- sample is taken. 5% of samples are dual sub-sampled (second split) for sizing and analytical quality control purposes.  Fire assay: 50g of sample is added to a combustion flux and fired at 1000°C; the resultant lead button is separated from the slag and muffled at 950°C to produce a gold/silver prill; the prill is digested in aqua regia and the liquid read on an AAS.  ICP-AES: A0.2g sub-sample is digested using nitric/hydrochloric/ perchloric/hydrofluoric acids; the diluted digestion product is then presented to a Perkin Elmer 7300 ICP AES for analysis. Quality Control: second splits (5% of total); 2 in 45 sample repeats; and 2 CRM standards for each rack of 50 samples are analysed in all methods.



## SECTION 1 SAMPLING TECHNIQUES AND DATA (CONT)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
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.	A blank sample and/or a standard sample and/or a duplicate sample are randomly inserted in approximately every 30 samples that are submitted.  NATA accredited laboratories in Townsville have their own rigorous 'in lab' QA/QC procedures and are accredited for precious metal and base metal analyses.  A complete discussion on assay techniques, sample sizes, assay variance and sample bias can be found in the Citi gold 2020 Mineral Resources and Ore Reserves report at: <a href="http://www.citigold.com/mining/technical-reports">http://www.citigold.com/mining/technical-reports</a>
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.	No check sampling was undertaken for this program with other laboratories. The laboratory conducted its own QA/QC procedure and the results reported back to Citigold, and found to be acceptable. Assay data is not adjusted prior to entry into the database. Repeat or duplicate assays are recorded in separate columns.
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.	
Data spacing and distribution	Data spacing for reporting of Exploration Results. 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.	for BCL sampling
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.	oriented roughly northwest-southeast and northeast-southwest. Intruded mineralization has been injected along the pre-existing fracture set in a series of crack-seal events.  • Sampling the creeks therefore will give a reasonable chance of sampling material shedding from lode systems that may also follow the pre-existing fracture set.
Sample security	The measures taken to ensure sample security.	Samples were delivered by Citigold staff to the NATA accredited laboratory.     Standards are retained within the office of the chief geologist and only released under strict control. The chain of sample custody is managed and closely monitored by Citigold (management and senior staff).
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>A full Mineral Resources and Ore Reserves report was completed in May 2012, written in compliance with the then-current 2004 JORC Code. The report contains a comprehensive review and assessment of all sampling techniques and methodologies, sub-sampling techniques, data acquisition and storage, and reporting of results. Statements on QA and QC can be found on page 48 of the 2012 report. The report can be found on Citigold's websiteat: <a href="http://www.citigold.com/mining/technical-reports">http://www.citigold.com/mining/technical-reports</a>.</li> <li>This 2012 report was audited by Snowden in 2012 and updated in December 2020 with no chance to the sampling technique or resource estimation methodology.</li> <li>Citigold's database has been audited by several independent consultants since 1998 and most recently by Snowden in 2011.</li> <li>There have been no material changes to this report since Dec 2020.</li> </ul>



### **SECTION 2 REPORTING OF EXPLORATION RESULTS**

(Criteria listed in the preceding section also apply to this section)

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.	Exploration Permit Minerals (EPM's), Mineral Development Licenses (MDL') and Mining Leases (ML's). Citigold currently holds five (5) EPM's, three (3) MDL's and thirty (30) ML's:- EPM15964, EPM15966, EPM18465, EPM18813 & EPMa27287 MDL118, MDL119, MDL252, ML1343, ML1344, ML1347, ML1348, ML1385, ML1398, ML1424, ML1430, ML1472, ML1488, ML1490, ML1491, ML1499, ML1521, ML1545, ML1585, ML10005, ML10032, ML10042, ML10091, ML10093, ML10193, ML10196, ML10208, ML10222, ML10281, ML10282, ML10283, ML10284, ML10335 Citigold holds current Environmental Authorities over the tenements, and has already produced over 100,000 ounces of gold. There are no known impediments to continuing operations in the area.
Exploration done by other parties	Deposit type, geological setting and style of mineralisation.	Charters Towers is one of Australia's richest gold deposits that was discovered in 1871. A plethora of historical data from the Charters Towers area has been collected, collated and is included within the Citigold geological database. Previous exploration was summarised in the 2020 Mineral Resources and Reserves Report which can be found at:  (http://www.citigold.com/mining/technical-reports). Citigold's drill hole database includes historical drilling including: 1993 - Mt Leyshon Gold Mines Ltd extensions to CRA diamond drill holes in the areas. 1991 - Diamond and RC drilling by PosGold in a joint venture with Charters Towers Mines NL that covered parts of the Central area areas. 1981-84 - Diamond-drilling by the Homestake/BHP joint venture in the Central area. 1975, 1981-82, and 1987 - Diamond and RC drilling in central by A.O.G., CRA and Orion respectively. Citigold retains all diamond core and a collection of core drilled by other companies is its on-site core-yard.
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>Mineralisation at Charters Towers is referred to as "orogenic" style vein mesothermal gold deposit. See the 2020 Mineral Resources and Reserves Report which can be found at: <a href="http://www.citigold.com/mining/technical-reports">http://www.citigold.com/mining/technical-reports</a></li> <li>The many reefs are hosted within a series of variably-oriented fractures in granite and granodioritic host rocks. Mineralisation does occur in adjacent metasedimentary rocks.</li> <li>The gold-bearing reefs at Charters Towersare typically 0.3 metres to 1.5 meters tick, comprising hydrothermal quartz reefs in granite, tonalite and granodiorite host rocks. There are some 80 major reefs in and around Charters Towers city.</li> <li>The majority of the ore mined in the past was concentrated within a set of fractures over 5 km long East-West, and 500 meters to 1600 meters down dipin a North-South direction. The mineralised reefs lie in two predominant directions dipping at moderate to shallow angles to the north (main production), and the cross-reefs, which dip to the ENE.</li> <li>The reefs are hydrothermal quartz-gold systems with a gangue of pyrite, galena, sphalerite, carbonate, chlorite and clays. The reefs occur within sericitic hydrothermal alteration, historically known as "Formation".</li> <li>The goldfield was first discovered in December 1871 and produced some 6.6 million ounces of gold from 6 million tons of ore from 1872 to 1920, with up to 40 companies operating many individual mining leases on the same ore bodies. There were 206 mining leases covering 127 mines working 80 lines of reef and 95 mills, cyaniding and chlorination plants. The field produced over 200,000 ounces per year for 20 consecutive years, and its largest production year was 1899 when it produced some 320 000 ounces</li> </ul>
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.	
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 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.	No drilling was undertaken in this report.  Stream sediment sampling reports anomalous samples with an explanation of the statistical method used to identify anomalies.  Assay results for Ag, Pb and Au are presented as ppm (equivalent to grams of metal per tonne of rock, written as g/t). In addition, Au (gold) whensampled over an inteval such as a channel sample is presented as metal accumulations (grade x width), inmetre-gramspertonne(m.g/t), particularly whereintervalsarelessthan one metre, to put the results into perspective as the minimum mining width is one metre.  No aggregation of sections have been used.  Metal equivalents are not used.



#### **SECTION 2 REPORTING OF EXPLORATION RESULTS (CONT)**

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
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').	
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.	Sample locations and anomalous ample sample location maps are presented in the report together with a table of latitude and longitude of anomalous samples.
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.	<ul> <li>The percentage of sediment samples regarded as anomalous is recorded in the report together with an explanation of the method used to determine anomalies.</li> <li>Maps showing all sample locations and the locations of anomalous samples are provided in the report so the reader can visually see what proportion of the samples are anomalous and where they lie in relation to all samples.</li> </ul>
	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.	The Project has produced over 100,000 ounces of gold. Details such as bulk density, metallurgical characteristics, groundwater and geotechnical data are covered in the 2020 Mineral Resources and Ore Reserves Report which can be found at: <a href="http://www.citigold.com/mining/technical-reports">http://www.citigold.com/mining/technical-reports</a> .
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.	, i

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