



23 October 2023

## CONTINUING HIGH GRADE GOLD & COPPER ASSAYS FROM EL PILAR OXIDE DEPOSIT, CUBA

Antilles Gold Limited ("Antilles Gold" or the "Company") (ASX: AAU, OTCQB: ANTMF) advises that the high grade gold, and copper assays from the five latest diamond drill holes into the El Pilar oxide deposit in central Cuba will be included in geological modelling for the establishment of a maiden MRE for the proposed Nueva Sabana mine.

## HIGHLIGHTS

## **Gold Domain**

HOLE PDH-033	3.0m @ 37.54g/t Au from 20.0m
HOLE PDH-032	6.0m @ 9.99g/t Au from surface,
	2.0m @ 2.86g/t Au from 12.0m,
	3.0m @ 6.05g/t Au from 26.0m
HOLE PDH-031	2.0m @ 4.0g/t Au from 18.0m
	2.0m @ 3.69g/t Au from 95.0m

## **Copper Domain**

HOLE PDH-031	25.0m @ 3.35% Cu from 53m, including 9.0m @7.86% Cu
HOLE PDH-032	32.0m @ 0.89% Cu from 30.0m
	5.0m @ 1.14% Cu from 97.0m
HOLE PDH-033	10.0m @ 0.55% Cu from 44.0m
	8.0m @ 0.61% Cu from 69.0m
HOLE PDH-034	2.0m @ 0.87% Cu from 82.0m
	4.0m @ 0.84% Cu from 102.0m
	3.0m @ 0.84% Cu from 115.0m
HOLE PDH-035	14.0m @ 0.65% Cu from 60.0m

Sampling Techniques and Data are set out in the JORC Code 2012 Edition Template attached.

• These results, together with those advised to ASX on 4, 17, and 27 July 2023, 8 August 2023, and 21 September 2023, reinforce the prospect of near term development of the proposed low CAPEX Nueva Sabana mine at El Pilar.

- The outstanding grades in the gold domain extend from surface to a depth of 40m to 50m, and robust grades in the underlying copper domain continue for a further 50m to 70m.
- The gold zone within the oxide deposit is well defined, and the copper zone is increasing in volume both laterally and vertically with continuing exploration, and projects into the underlying porphyry sulphide and breccia- hosted mineralisation.
- The current 7,000m drilling program will be completed next month, and a Mineral Resource Estimate ("MRE") for the proposed Nueva Sabana mine is expected to be established in January 2024.
- The El Pilar oxide deposit is metallurgically simple, and the Nueva Sabana mine is being planned as a copper project which would benefit from the high grade gold cap during initial operations.
- Preliminary metallurgical test work by Blue Coast Research Laboratories in Canada has indicated a gold recovery of 85% from a simple rougher flotation circuit with a concentrate of 53.1 g/t Au produced from an ore sample grading 2.11 g/t Au.
- Test work is continuing on copper recoveries and concentrate grades, and early indications are that the copper concentrate will exceed 25% Cu.
- Antilles Gold's 50:50 joint venture with the Cuban Government's mining company, GeoMinera, intends to develop the Nueva Sabana mine as soon as possible, and commencement of the 10 month mine construction is planned for May/June 2024.
- With confidence in near term development derived from drilling results to date, the planning and permitting for the proposed mine is well advanced.
- A detailed capital cost estimate of ~US\$20 million has been completed for the proposed mine, at a mining rate of between 500,000tpa and 650,000tpa of ore.
- The low capital cost reflects the availability of HT power, rail and highway links to a container port, water supply, and skilled labour being close to the unoccupied flat mine site, together with low pre-stripping costs, and the ability to dry-hire all necessary mining equipment rather than purchasing a new fleet.

# • Negotiations have commenced to arrange an advance on sales of the gold concentrate for a similar amount to an international commodities trader, in order to fund the project.

Mr Brian Johnson, Executive Chairman of Antilles Gold commented "that the Nueva Sabana mine is expected to have low operating costs as well as low development costs due to its location, terrain, very low waste to ore ratio, and simple metallurgy.

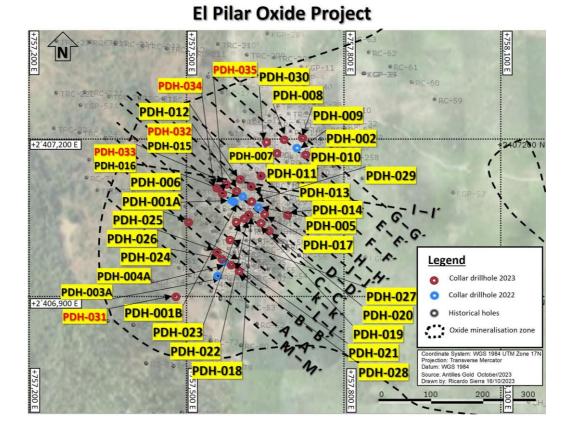
The Company has already contributed its equity for a 50% interest in the Nueva Sabana mine, and financial projections indicate very high returns, and a significant NPV for the project which will be confirmed soon after receipt of the MRE and mine plan early next year.

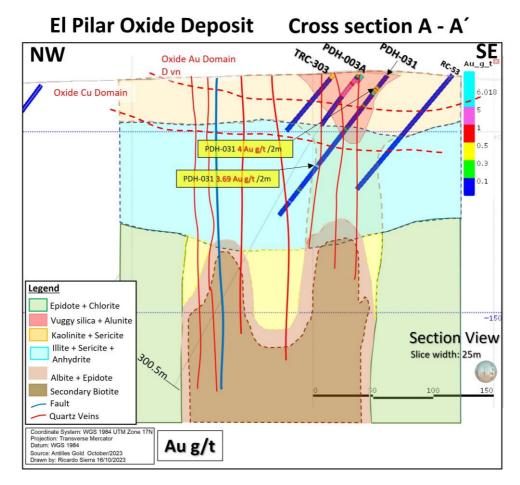
Even though only a small project, the commencement of a reasonable cash flow around Q2 2025 would be most welcome."

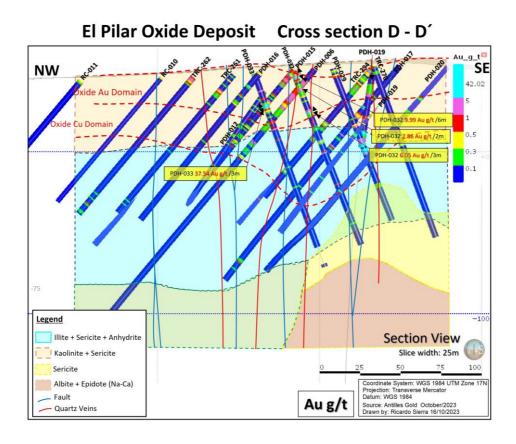
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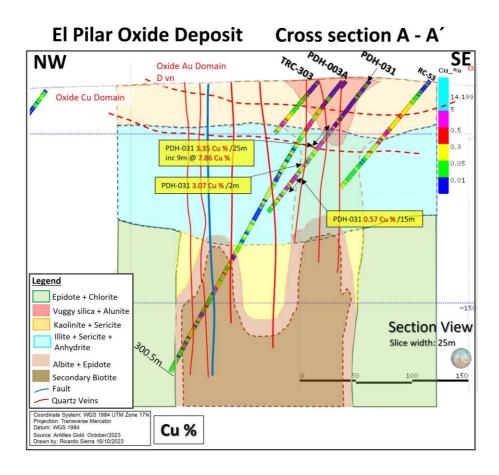
This announcement has been authorised by the Chairman of Antilles Gold Limited. For further information, please contact:

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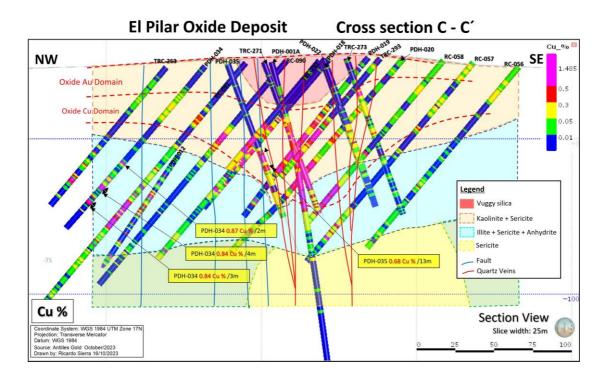


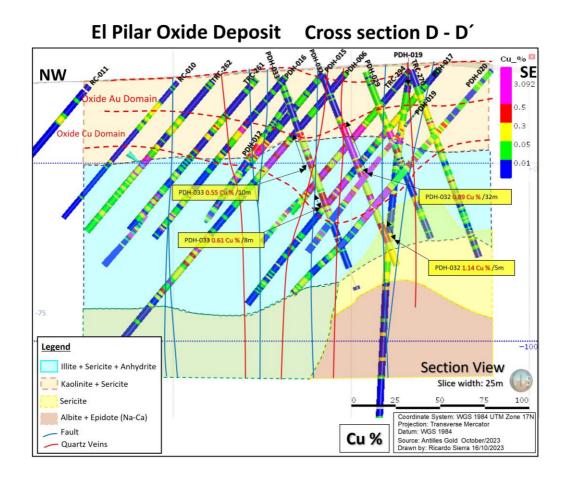


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Table 2: Drill Hole Coordinates						
Hole ID	Northing	Easting	RL(m)	Dip	Azimuth	Hole Length
PDH-031	757,577	2,406,919	47.38	-50	312	148
PDH-032	757,596	2,407,098	50.2	-70	132	115.5
PDH-033	757,577	2,407,113	48.17	-70	132	127
PDH-034	757,559	2,407,105	47.83	-50	312	139
PDH-035	757,569	2,407,097	48.43	-70	132	133

# Table 3: Raw Data +0.5 g/t Au +0.3% Cu

Sample ID	Hole ID	Depth From	Depth To	Sample Interval	Au g/t	Cu%
PEL-5824	PDH-031	15	16	1	0.609	
PEL-5827	PDH-031	18	19	1	2.975	
PEL-5828	PDH-031	19	20	1	5.03	
PEL-5843	PDH-031	33	34	1	0.59	
PEL-5865	PDH-031	53	54	1		0.52
PEL-5866	PDH-031	54	55	1		1.21
PEL-5867	PDH-031	55	56	1		1.55
PEL-5868	PDH-031	56	57	1		5.34
PEL-5869	PDH-031	57	58	1		14.20
PEL-5870	PDH-031	58	59	1		5.04
PEL-5871	PDH-031	59	60	1		2.29
PEL-5872	PDH-031	60	61	1		4.82
PEL-5874	PDH-031	61	62	1		6.21
PEL-5876	PDH-031	62	63	1		12.05
PEL-5877	PDH-031	63	64	1		15.34
PEL-5878	PDH-031	64	65	1		5.46
PEL-5879	PDH-031	65	66	1		0.89
PEL-5881	PDH-031	67	68	1		1.47
PEL-5882	PDH-031	68	69	1		0.52
PEL-5883	PDH-031	69	70	1		0.34
PEL-5884	PDH-031	70	71	1		0.36
PEL-5885	PDH-031	71	72	1		0.59
PEL-5886	PDH-031	72	73	1		1.59
PEL-5887	PDH-031	73	74	1		1.00
PEL-5889	PDH-031	74	75	1		0.89
PEL-5890	PDH-031	75	76	1		0.50
PEL-5891	PDH-031	76	77	1		0.83
PEL-5892	PDH-031	77	78	1		0.43
PEL-5905	PDH-031	88	89	1		0.61
PEL-5912	PDH-031	95	96	1	1.488	1.96
PEL-5913	PDH-031	96	97	1	5.901	4.19
PEL-5920	PDH-031	102	103	1		0.53

PEL-5924	PDH-031	106	107	1		0.33
PEL-5925	PDH-031	107	109	2		0.53
PEL-5926	PDH-031	109	110	1		0.33
PEL-5929	PDH-031	111	112	1		1.37
PEL-5930	PDH-031	112	113	1		1.24
PEL-5931	PDH-031	113	115	2		0.37
PEL-5934	PDH-031	117	113	1		0.32
PEL-5937	PDH-031	119	120	1	0.724	0.62
PEL-5938	PDH-031	120	120	1	0.721	0.49
PEL-5939	PDH-031	120	122	1		1.19
PEL-5940	PDH-031	122	123	1		0.78
PEL-5946	PDH-031	122	129	1		2.99
PEL-5952	PDH-031	133	134	1	3.233	0.32
TLL-5552	1011-031	155	134	±	5.255	0.52
PEL-5969	PDH-032	0	1	1	10.58	
PEL-5970	PDH-032	1	2	1	0.535	
PEL-5972	PDH-032	3	4	1	1.524	
PEL-5974	PDH-032	4	5	1	5.039	
PEL-5976	PDH-032	5	6	1	42.02	
PEL-5977	PDH-032	6	7	1	0.786	
PEL-5983	PDH-032	12	13	1	2.895	
PEL-5984	PDH-032	13	14	1	2.828	
PEL-5999	PDH-032	26	27	1	1.841	
PEL-6000	PDH-032	27	28	1	11.2	
PEL-6001	PDH-032	28	29	1	5.105	
PEL-6003	PDH-032	30	31	1		1.74
PEL-6004	PDH-032	31	32	1		0.81
PEL-6005	PDH-032	32	33	1		0.34
PEL-6006	PDH-032	33	34	1		0.77
PEL-6007	PDH-032	34	35	1		1.27
PEL-6009	PDH-032	35	36	1		0.87
PEL-6010	PDH-032	36	37	1		0.48
PEL-6011	PDH-032	37	38	1		0.84
PEL-6012	PDH-032	38	39	1		2.16
PEL-6013	PDH-032	39	40	1		1.83
PEL-6014	PDH-032	40	41	1		0.59
PEL-6016	PDH-032	41	42	1		0.51
PEL-6017	PDH-032	42	43	1		1.23
PEL-6018	PDH-032	43	44	1		0.71
PEL-6019	PDH-032	44	45	1		1.74
PEL-6020	PDH-032	45	46	1		0.65
PEL-6021	PDH-032	46	47	1	4.957	2.15
PEL-6022	PDH-032	47	48	1		1.58
PEL-6024	PDH-032	48	49	1		1.30
PEL-6024	PDH-032	49	50	1		0.67
PEL-6025	PDH-032	50	50	1		0.60
PEL-6028	PDH-032	52	53	-		0.00

PEL-6029	PDH-032	53	54	1	0.516	0.97
PEL-6030	PDH-032	54	55	1	1.673	1.22
PEL-6031	PDH-032	55	56	1		0.41
PEL-6032	PDH-032	56	57	1		0.39
PEL-6036	PDH-032	59	60	1		0.72
PEL-6037	PDH-032	60	61	1		0.33
PEL-6038	PDH-032	61	62	1		0.52
PEL-6051	PDH-032	73	74	1		0.40
PEL-6052	PDH-032	74	75	1		0.68
PEL-6053	PDH-032	75	76	1	0.626	0.89
PEL-6069	PDH-032	90	91	1	0.020	0.36
PEL-6070	PDH-032	91	92	1		0.33
PEL-6071	PDH-032	92	93	1		0.32
PEL-6072	PDH-032	93	94	1		0.31
PEL-6074	PDH-032	94	95	1		0.91
PEL-6074	PDH-032	95	96	1		0.44
PEL-6070	PDH-032	96	97	1		0.40
PEL-6078	PDH-032	97	98	1		1.26
PEL-6078	PDH-032	98	99	1		0.48
PEL-6080	PDH-032	99	100	1		0.40
PEL-6081	PDH-032	100	100	1		0.40
PEL-6082	PDH-032	100	101	1		3.09
FLL-0002	FDII-032	101	102	<b>⊥</b>		5.05
PEL-6110	PDH-033	11	12	1	2.015	
PEL-6116	PDH-033	16	17	1	0.616	
PEL-6120	PDH-033	20	21	1	9.978	
PEL-6121	PDH-033	21	22	1	88.85	
PEL-6122	PDH-033	22	23	1	13.8	
PEL-6124	PDH-033	23	24	1	0.644	
PEL-6133	PDH-033	31	32	1	0.618	
PEL-6134	PDH-033	32	33	1	0.731	
PEL-6136	PDH-033	33	34	1		0.66
PEL-6137	PDH-033	34	35	1		0.34
PEL-6139	PDH-033	36	37	1	1.229	0.51
PEL-6146	PDH-033	43	44	1	0.567	2.48
PEL-6151	PDH-033	47	48	1		0.31
PEL-6152	PDH-033	48	49	1		0.33
PEL-6154	PDH-033	50	52	2		0.73
PEL-6156	PDH-033	52	53	1		0.43
PEL-6157	PDH-033	53	54	1		0.35
PEL-6176	PDH-033	69	70	1		0.32
PEL-6177	PDH-033	70	70	1		0.32
PEL-6178	PDH-033	70	72	1		0.43
PEL-6179	PDH-033	72	73	1		0.43
PEL-6180	PDH-033	72	73	1		0.42
PEL-6180	PDH-033	73	74	1		2.02
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PEL-6183	PDH-033	76	77	1		0.33
PEL-6186	PDH-033	79	80	1		0.51
PEL-6204	PDH-033	95	96	1	0.938	
PEL-6209	PDH-033	99	100	1		0.56
PEL-6227	PDH-033	117	118	1	2.558	
PEL-6241	PDH-034	5	6	1	0.878	
PEL-6327	PDH-034	82	83	1		1.11
PEL-6329	PDH-034	83	84	1		0.64
PEL-6342	PDH-034	95	96	1		0.74
PEL-6345	PDH-034	98	99	1		0.56
PEL-6350	PDH-034	102	103	1		0.53
PEL-6351	PDH-034	103	104	1		0.59
PEL-6352	PDH-034	104	105	1		0.77
PEL-6353	PDH-034	105	106	1		1.49
PEL-6361	PDH-034	112	113	1		0.34
PEL-6364	PDH-034	115	116	1		1.27
PEL-6365	PDH-034	116	117	1		0.89
PEL-6366	PDH-034	117	118	1		0.36
PEL-6400	PDH-035	7	8	1	3.392	
PEL-6409	PDH-035	15	16	1	0.71	
PEL-6458	PDH-035	60	61	1		0.46
PEL-6459	PDH-035	61	62	1		1.09
PEL-6460	PDH-035	62	63	1		0.42
PEL-6461	PDH-035	63	64	1		0.51
PEL-6462	PDH-035	64	65	1		0.60
PEL-6463	PDH-035	65	66	1		1.30
PEL-6464	PDH-035	66	67	1		0.61
PEL-6465	PDH-035	67	68	1		1.02
PEL-6468	PDH-035	70	71	1		0.46
PEL-6469	PDH-035	71	72	1		0.43
PEL-6470	PDH-035	72	73	1		1.62
PEL-6471	PDH-035	73	74	1		0.31
PEL-6472	PDH-035	74	75	1		0.30
PEL-6502	PDH-035	99	100	1		1.16
PEL-6531	PDH-035	125	126	1		0.38

# JORC Code, 2012 Edition – Table 1

# **Section 1 Sampling Techniques and Data**

#### (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul> <li><u>Historic Drilling (pre 2022)</u></li> <li>Historic drilling (pre-2021) was completed using open hole (reverse Circulation) and diamond core.</li> <li>Sample intervals were variable based on geological features however the majority range from 1m to 2m in length</li> <li><u>Recent Drilling (2022 onwards)</u></li> <li>Recent drilling has been completed using diamond drilling at HQ and NQ core size. Samples were collected at 2m intervals in 2022 and are collected at 1m intervals from April 2023 although adjusted for geological features as required.</li> </ul>
Drilling techniques	<ul> <li>Drill type (eg core, reverse circulation, openhole 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).</li> </ul>	<ul> <li><u>Historic Drilling (pre 2022)</u></li> <li>Historical drilling was undertaken utilising both Reverse Circulation and Diamond drilling. It is not known the diameter of either the RC or diamond holes that were drilled.</li> <li><u>Recent Drilling (2022 onwards)</u></li> <li>Recent drilling was completed exclusively using diamond drilling methods using HQ triple tube techniques (HQ3) with a core diameter of ~61mm, and NQ3 with a core diameter of 45mm.</li> </ul>

Criteria	JORC Code explanation	Commentary
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul> <li><u>Historic Drilling (pre 2022)</u></li> <li>Detailed records on drill core and chip recovery are not available.</li> <li><u>Recent Drilling (2022 onwards)</u></li> <li>Core recoveries were measured after each drill run, comparing length of core recovered vs. drill depth. Core recoveries were generally better than 96% however core recoveries as low as 80% have been recorded in some vein zones. There is no relationship between core recovery and grade.</li> <li>* Diamond drill core was not oriented due to technological limitations in-country for holes PDH-001 to 006, but all subsequent holes have been orientated Reflex ACTIII.</li> </ul>
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li><u>Historic Drilling (pre 2022)</u></li> <li>No drill logs have been seen for the historical drilling.</li> <li><u>Recent Drilling (2022 onwards)</u></li> <li>All core has been geologically logged by qualified geologists under the direct supervision of a consulting geologist to a level to support reporting of Mineral Resources.</li> <li>Core logging is qualitative and all core trays have been digitally photographed and will be stored to a server.</li> </ul>

Criteria	JORC Code explanation	Commentary
Sub- sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li><u>Historic Drilling (pre 2022)</u></li> <li>Records on the nature of sub-sampling techniques associated with the historical drilling are not available for review.</li> <li>Information available from historic reports regarding the sample preparation techniques are that 1m core intervals were course ground, homogenised and screened at 1mm. Cuttings from RC drilling were similarly homogenised, pulverised and screened at 1mm.</li> <li>It is not known what sample size was sent for analysis.</li> <li><u>Recent Drilling (2022 onwards)</u></li> <li>Core is cut using diamond saw, with half core selected for sample analysis.</li> <li>Samples submitted for preparation at LACEMI in Havana are dried at a temperature between 80 and 100 deg C for a minimum 24hrs. Sample is then crushed to 75% passing 2mm, with two 250g subsamples collected through a Jones riffle splitter.</li> <li>Subsample is pulverised to 104 microns.</li> </ul>

- One 250g sample is sent to SGS Peru for Au, and 49 element 2 acid digest analysis.
- Duplicates are being collected from quartered ½ core at an average rate of 1 in every 20 samples.

Quality of assay data	• The nature, quality and appropriateness of	
and laboratory tests	<ul> <li>the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> </ul>	<ul> <li>Historic Drilling (pre 2022)</li> <li>Soil samples were sent to Chemex Labs Ltd. in Vancouver through CIMTEC, where they were analyzed by means of Fire Assay with AA finish (Au – AA) for gold, determining another 32 elements (Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Ti, Tl, U, V, W, Zn) via ICP.</li> </ul>
	<ul> <li>their derivation, etc.</li> <li>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.</li> </ul>	<ul> <li>The trench and drill samples were sent to the XRAL laboratory in Canada where the determination of the gold was carried out via fire assay with instrumental finish (FA – DCP, ppb), the results higher than1000 ppb were verified with Fire Assay (FA) reporting their values in g / t. The rest of the elements (Be, Na, Mg, Al, P, K, Ca, Sc, Tl, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Sr, Y, Zr, Mo, Ag, Cd, Sn, Sb, Ba, La, W, Pb and Bi), were determined by ICP</li> </ul>
		Recent Drilling (2022)
		<ul> <li>Preliminary analysis was undertaken at LACEMI in Havana Cuba, which is not a certified laboratory for the purposes of JORC. The LACEMI facilities have however been inspected by Competent Persons and it is the intention to work through the process of having the laboratory certified.</li> <li>Analysis for gold is via 30g fire assay with AA finish. Over range gold assays (+30g/t) are repeated with Fire Assay and a gravimetric finish.</li> <li>Cu is analysed by 2 acids HNO3 -HCL, and measurement by ICP</li> <li>Both Fire Assay and 2 acid digest are considered total assay methods for the elements of interest.</li> <li>Certified reference materials from OREAS (21f, 907, 506, 503d, 254b and 258) are inserted at a rate of one every 20 samples, with a blank inserted every 40 samples. Coarse field duplicates are submitted at a rate of 1 in every 33 samples.</li> <li>The corresponding duplicate pulp samples were analysed at the SGS laboratory in Burnaby Vancouver, utilising 30g Fire Assay AAS for Au, with 30g Fire Assay gravimetric for overrange analysis.</li> <li>49 element 4 acid digest ICP-AAs/ICP-MS is being utilised for other elements including Cu.</li> </ul>
		Analysis is being undertaken at SGS laboratories in
		<ul> <li>Lima Peru.</li> <li>Analysis for gold is via 30g fire assay with AA</li> </ul>

REGISTERED OFFICE: 55 Kirkham Road PO Box 846

Criteria	JORC Code explanation	Commentary
		finish. Over range gold assays (+30g/t) are repeated with Fire Assay and a gravimetric finish.
		<ul> <li>Cu is analysed by 2 acids HNO3 -HCL, and measurement by ICP</li> </ul>
		• Both Fire Assay and 2 acid digest are considered total assay methods for the elements of interest.
		• Certified reference materials from OREAS (908, 907, 506, 503e, 254b and 258) are inserted at a rate of one every 25 samples, with a blank inserted every 40 samples. Coarse field duplicates are submitted at a rate of 1 in every 20 samples.
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>Significant intersections are reviewed by multiple personnel.</li> <li>2023 drilling has been designed to twin historic drilling as part of a sample verification process in generation of the Mineral Resource to include historic results, as well as extend further into the mineralisation at depth.</li> </ul>
Location of data points	<ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Two datum points have been established on the site using high precision GPS.</li> <li>All drill collars were surveyed by total station utilizing the local survey datum, on the WGS 84 UTM 17N grid.</li> <li>A total Station has be utilised to survey completed hole collars.</li> <li>Natural surface topography is developed from 1m contours across the project area and is sufficient for use in Mineral Resources.</li> </ul>

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>The holes drilled were aimed at verifying data from historical drilling, rather than being on a specific spacing.</li> <li>Approximately 25,000m of historical drilling exists in a database, and the 6 holes drilled in 2022 were aimed at verifying historical intercepts.</li> <li>Additional holes are being drilled to twin historic holes for validation of the historical drilling, as well as develop a Mineral Resource Estimate for the El Pilar oxide zone.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul> <li>Given the oxide zones are sub-horizontal and elongated, based on the level of oxidation, the drilling has been oriented to cut both the oxide gold and copper zones at optimal angles from previous drilling. However, given there are multiple subvertical structures, along with the oxidation boundaries, this has to be taken in mind also in the optimum orientation of drillholes. The underlying sulphide mineralization has been shown to be largely sub-vertical in nature and drilling has cut these zones at more optimal angles.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>All core is securely stored in a warehouse in Ciego de Avila where it is logged and sampled. Samples are transported to the sample preparation laboratory in Havana in a company vehicle with Company driver.</li> <li>For transport of pulp samples to SGS Peru, the prepared samples are collected by company personnel in a company vehicle, and driven directly to the Jose Marti International airport, where the waybill is prepared by Cubana . The samples are flown to Lima via Cubana airfreight for customs clearance prior to transport to the SGS Lima laboratory.</li> </ul>
Audits or reviews	<ul> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	No audits have been conducted to date

# **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	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The El Pilar Reconnaissance Permit is registered to the Los Llanos International economic Association, which is an agreement between Antilles Gold Inc (a 100% subsidiary of Antilles Gold Limited) and Gold Caribbean Mining SA, which is a subsidiary of the Cuban State owned mining company Geominera SA. The Reconnaissance Permit encompasses 17,839 Ha and is located in the topographic sheets at scale 1: 50 000 Ceballos (4481-I), Gaspar (4481-II), Corojo (4581-III) and Primero de Enero (4581-IV), 25 km east- southeast of the city of Ciego de Ávila, central</li> </ul>

Criteria	JORC Code explanation	Commentary
		Cuba.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>The El Pilar prospect was explored most recently by Canadian company KWG, who undertook airborne geophysics, trenching (22 trenches totalling 4640m) and RC and Diamond drilling.</li> <li>Drilling was undertaken between 1994 and 1997, with 159 RC holes drilled for a total of 20,799m and 29 diamond holes drilled for a total of 3,611m.</li> <li>Chemical analysis for Au, Cu and other elements undertaken at Chemex laboratories in Canada. No core samples remain.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>The El Pilar copper-gold porphyry system is hosted within a Cretaceous age volcanic island arc setting that is composed of mafic to intermediate composition tuffs, ash and volcanoclastic rocks that are intruded by similar age granodiorite and diorite intrusive stocks.</li> <li>The geological setting is very similar to the many prospective volcanic island arc geological environments that are related to porphyry style mineralization, and associated vein systems.</li> <li>The El Pilar system has shown to date both overlapping hydrothermal alteration styles, and complex multiple veining events that is common with the emplacement of a mineralized porphyry copper-gold system.</li> </ul>

Criteria	JORC Code explanation	Commentary
Drill hole Information	<ul> <li>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: <ul> <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> </ul> </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>	All relevant data is listed in Table 2
Data aggregation methods	<ul> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Length weighted averaging for Au and Cu has been used to determine intercepts, with no top cut.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul> <li>All intercept lengths are down the hole intercepts.</li> </ul>
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• Refer sections within this release. Relevant plans were included in previous releases dated 8 November 2022, 17 November 2022, 1 December 2022, 15 December 2022, 20 January 2023, 3 march 2023, 21 June 2023, 4 July 2023, 17 July 2023, 20 July 2023, 27 July 2023, 9 august 2023 and 21 September 2023.
Balanced reporting	<ul> <li>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.</li> </ul>	<ul> <li>Raw data +0,5g/t Au and +0.3% Cu is included in Table 3. All previous raw data as per releases noted above.</li> </ul>

Criteria	JORC Code explanation	Commentary
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.	<ul> <li>Refer attached memo: El Pilar – Gold Concentrate Produced from a Gold Oxide Sample, dated 17 August 2023, by Antilles Gold Limited Technical Director Dr Jinxing Ji, JJ Metallurgical Services inc</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	• The oxide domain drilling is to comprise approximately 7,000m of HQ3 diamond drilling, to further delineate the oxide domain Au and Cu mineralisation. The location of remaining holes will be determined as soon as the twinned holes have been assessed and a determination as to what historical drill data can be utilised for resource estimation purposes has been completed.

# **Section 3 Estimation and Reporting of Mineral Resources**

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Database integrity	<ul> <li>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</li> <li>Data validation procedures used.</li> </ul>	• N/A •
Site visits	<ul> <li>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</li> <li>If no site visits have been undertaken indicate why this is the case.</li> </ul>	• N/A •
Geological interpretation	<ul> <li>Confidence in (or conversely, the uncertainty of ) the geological interpretation of the mineral deposit.</li> <li>Nature of the data used and of any assumptions made.</li> <li>The effect, if any, of alternative interpretations on Mineral Resource estimation.</li> <li>The use of geology in guiding and controlling</li> </ul>	• N/A

Criteria	JORC Code explanation	Commentary
	<ul> <li>Mineral Resource estimation.</li> <li>The factors affecting continuity both of grade and geology.</li> </ul>	
Dimensions	• The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	• N/A •
Estimation and modelling techniques	<ul> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> <li>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</li> </ul>	• N/A.
Moisture	<ul> <li>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</li> </ul>	• N/A.
Cut-off parameters	<ul> <li>The basis of the adopted cut-off grade(s) or quality parameters applied.</li> </ul>	• N/A

Criteria	JORC Code explanation	Commentary
Mining factors or assumptions	• Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	• N/A
Metallurgical factors or assumptions	• The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	• N/A
Environmen- tal factors or assumptions	<ul> <li>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</li> </ul>	• N/A
Bulk density	<ul> <li>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</li> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</li> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>	• N/A
Classification	<ul> <li>The basis for the classification of the Mineral Resources into varying confidence categories.</li> <li>Whether appropriate account has been taken</li> </ul>	• N/A

Criteria	JORC Code explanation	Commentary
Audits or reviews	<ul> <li>of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> <li>The results of any audits or reviews of Mineral Resource estimates.</li> </ul>	• N/A
Discussion of relative accuracy/ confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	• N/A •

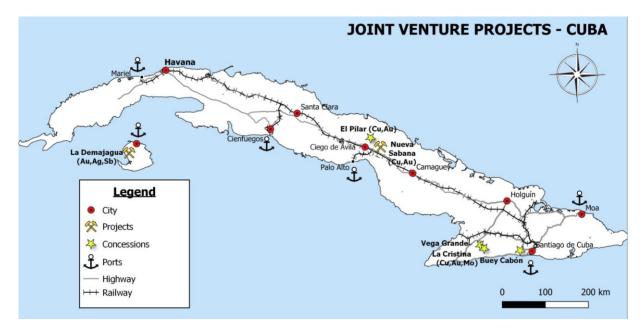
#### Competent Person – Christian Grainger PhD. AIG

The information in this report that relates to Exploration Results and observations is based on information reviewed by Dr Christian Grainger, a Competent Person who is a member of the Australian Institute of Geoscientists (AIG). Dr Grainger is a Consultant to the Company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken, 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'. Dr Grainger consents to the inclusion of the Exploration Results based on the information and in the form and context in which it appears.

# **ABOUT ANTILLES GOLD LIMITED:**

Antilles Gold's strategy is to participate in the successive development of previously explored gold, silver, and copper deposits in mineral rich Cuba.

- The Company is at the forefront of the emerging mining sector in Cuba and expects to be involved in the development of several projects through its joint venture with the Cuban Government's mining company, GeoMinera SA.
- The first project expected to be developed by the 50:50 joint venture company, Minera La Victoria SA, is the proposed Nueva Sabana mine based on the El Pilar gold-copper oxide deposit which overlays a large copper-gold porphyry system in central Cuba.



- The second project is expected to be the development of the La Demajagua open pit mine on the Isle of Youth in south-west Cuba to produce gold arsenopyrite, and gold antimony concentrates.
- The joint venture partners intend to invest part of the expected surplus cash flow from early mine developments to fund exploration of major copper targets, including the El Pilar copper-gold porphyry system, and three highly prospective properties within the Sierra Maestra copper belt in south east Cuba.
- Antilles Gold is comfortable operating under the applicable law on Foreign Investment in Cuba, and the realistic Mining and Environmental regulations, and has been granted a generous fiscal regime by the Government which is supportive of its objectives.

• The existing joint venture agreement includes the requirement for all funds to be held in a foreign Bank account with the only transfers to Cuba being for local expenses, which will obviate country credit risk for foreign lenders and suppliers.





Drilling - El Pilar