



27 July 2023

# OUTSTANDING GOLD GRADES FROM ADDITIONAL DRILLING OF EL PILAR OXIDE DEPOSIT, CUBA

Antilles Gold Limited ("Antilles Gold" or the "Company") (ASX: AAU, OTCQB: ANTMF) advises that the two latest drill holes in the current program at El Pilar in central Cuba have again intersected outstanding gold grades, and solid copper grades in the oxide deposit.

#### **HIGHLIGHTS**

#### **Gold Domain**

HOLE PDH-024 12.0m at 4.8 g/t Au from surface HOLE PDH-023 24.0m at 2.0 g/t Au from 5.0m

### **Copper Domain**

HOLE PDH-024 98.0m at 0.73% Cu from 29.0m HOLE PDH-023 7.0m at 1.82% Cu from 55.0m 3.0m at 0.69% Cu from 68.0m 5.0m at 0.98% Cu from 138.0m

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 and 17 July 2023, reinforce the prospect of near term development of the proposed low cap-ex Nueva Sabana mine at El Pilar.
- The outstanding gold grades in the gold domain extend from surface to a depth of 40m to 50m, and solid copper grades in the underlying copper domain continue for a further 50m to 70m.
- The gold zones within the oxide deposit are well defined, and the copper zones are increasing in volume both laterally and vertically with continuing exploration, and are expected to project into the underlying porphyry sulphides.
- A Mineral Resource Estimate ("MRE") for the proposed Nueva Sabana mine is expected to be established around the end of 2023, after additional holes have been drilled.

- The El Pilar oxide deposit is not metallurgically complex, and the Nueva Sabana mine is being planned as a copper project which could benefit from high grade gold in the upper domain 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.
- 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, subject to the results of the MRE, and a successful Feasibility Study.
- With confidence derived from drilling results to date, MLV has commenced the planning and permitting for a potential mine development.
- MLV has advised their preliminary estimated capital cost of ~US\$20 million for the proposed mine, at a mining rate of 500,000tpa of ore.
- Negotiations have commenced to arrange an advance on sales of gold concentrate for a similar amount in order to fund the project.
- Commencement of a planned 10 month mine construction period is targeted for 02 2024.

END.

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

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## **EL PILAR OXIDE DEPOSIT, CENTRAL CUBA SUMMARY OF HIGHLIGHTS FROM CORED HOLES DRILLED AFTER SEPTEMBER 2022**

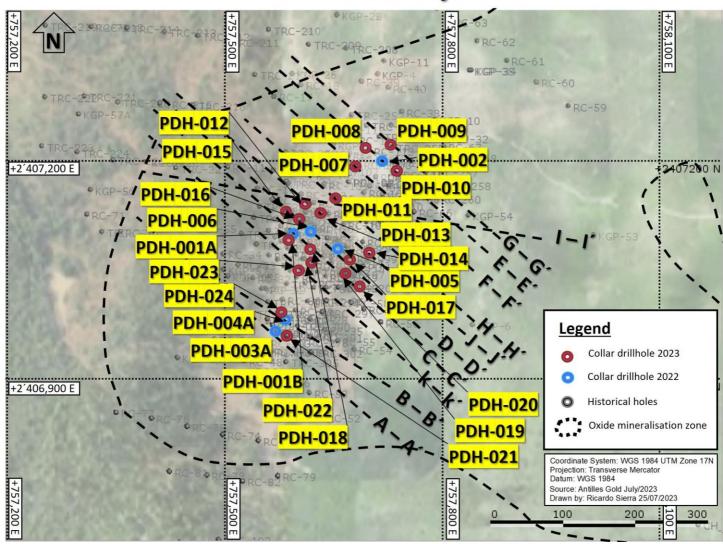
## **Gold Domain**

PDH-001	13.0m at 45.17 g/t Au from surface, including 3.0m at 194 g/t Au
PDH-002	53.5m at 19.06 g/t Au from 10.0m, including 16.4m at 41.64 g/t Au
PDH-003	8.0m at 5.88 g/t Au from surface
PDH-003A	18.0m at 2.23 g/t Au from 4.0m
PDH-007	7.0m at 5.27 g/t Au from 1.0m, including 3.0m at 10.87 g/t Au
PDH-009	24.0m 1.48 g/t Au from 2.0m
PDH-012	16.0, at 6.30 g/t Au from 2.0m, including 4.0m at 11.75 g/t Au
PDH-014	9.0m at 17.28 g/t Au from 63.0m, including 2.0m at 74.01 g/t Au
PDH-015	6.0m at 4.8 g/t Au from 24.0m
PDH-017	2.0m at 8.41 g/t Au from 33.0m
PDH-018	13.0 m at 2.41 g/t Au from 11.0m
PDH-019	11.0 m at 28.3 g/t Au from 30.0m including 2.0m at 112.6 g/t Au
PDH-021	19.0 m at 11.56 g/t Au from 13.0m including 3.0m at 59.44 g/t Au
PDH-022	11.0m at 5.37 g/t Au from 1.0m including 1.0m at 40.72 g/t Au
PDH-023	24.0m at 2.0 g/t Au from 5.0m
PDH-024	12.0m at 4.8 g/t Au from surface

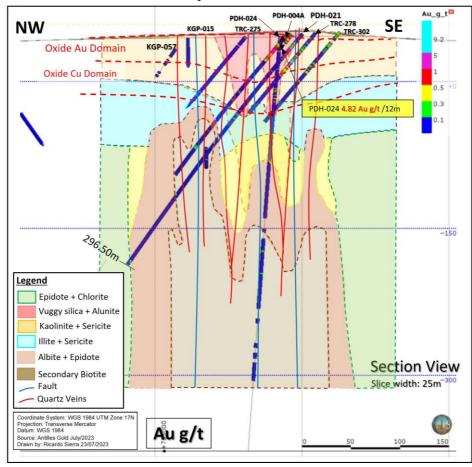
## **Copper Domain**

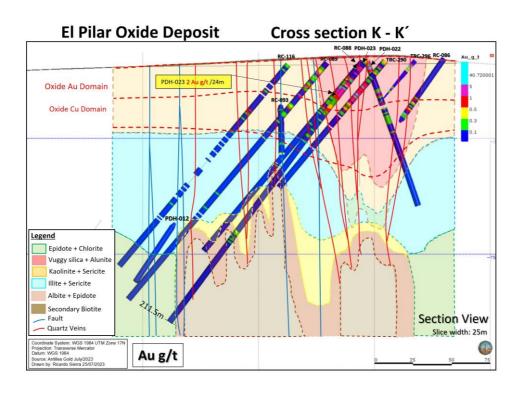
PDH-001A	72.4m at 0.58% Cu from 36.6m, including 26.2m at 0.79% Cu
PDH-001B	56.0m at 0.79% Cu from 43.0m, including 6.0m at 1.72% Cu
PDH-002	30.5m at 0.51% Cu from 49.5m, including 8.0m at 1.27% Cu
PDH-004A	134.5m at 1.13% Cu from 49.85m, including 18.5m at 4.84% Cu
PDH-005	18.0m at 1.1% Cu from 32.7m, including 3.8m at 3.92% Cu
PDH-008	24.0m at 0.71% Cu from 14.0m, including 10.0m at 1.4% Cu
PDH-013	22.0m at 1.17% Cu from 44.0m, including 5.0m at 2.2% Cu
PDH-015	11.0m at 0.75% Cu from 50.0m, including 3.0m at 1.56% Cu
PDH-016	3.0m at 0.96% Cu from 37.0m
PDH-017	21.0m at 0.72% Cu from 81.0m
PDH-018	14.0m at 1.32% Cu from 76.0 m including 4.0 m at 3.16% Cu
PDH-019	48.0m at 0.73% Cu from 47.0m including 13.0 m at 1.17% Cu
PDH-020	23.0m at 1.2% Cu from 89.0m
PDH-021	62.0m at 1.55% Cu from 38.0m including 12.0m at 3.18% Cu, and 14.0m at 2.75% Cu
PDH-023	7.0m at 1.82% Cu from 55.0m, 3.0m at 0.69% Cu from 68.0m, 5.0m at 0.98%
	Cu from 138.0m
PDH-024	98.0m at 73% Cu from 29.0m

# **El Pilar Oxide Project**



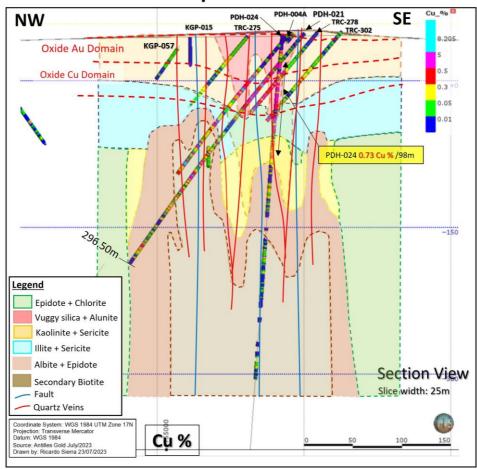
**El Pilar Oxide Deposit** Cross section B - B'

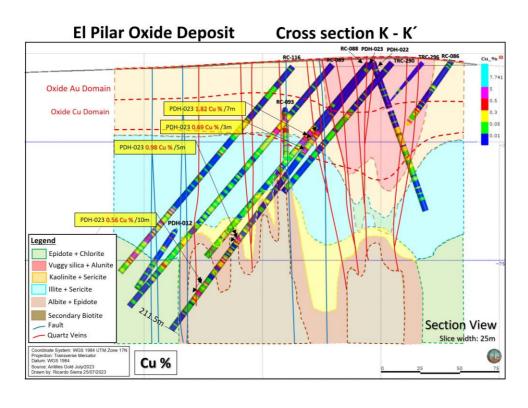




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#### **El Pilar Oxide Deposit** Cross section B - B'





## Table 2

Hole ID	Northing	Easting	RL(m)	Dip	Azimuth	Hole Length
PDH-023	757,600	2,407,038	50.09	-50	312	211.5
PDH-024	757,568	2,406,971	47.06	-85	310	425.5

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

Table 3: Naw Data 10:3 g/t Au		010 /0 04				
Sample ID	Hole ID	Depth From	Depth To	Sample Interval	Au g/t	Cu%
PEL-3558	PDH-023	5	6	1	1.15	
PEL-3559	PDH-023	6	7	1	4.87	
PEL-3560	PDH-023	7	8	1	1.43	
PEL-3563	PDH-023	10	11	1	2.39	
PEL-3567	PDH-023	14	15	1	0.60	
PEL-3569	PDH-023	15	16	1	10.29	
PEL-3572	PDH-023	18	19	1	1.25	
PEL-3574	PDH-023	19	20	1	2.93	
PEL-3578	PDH-023	22	23	1	6.43	
PEL-3579	PDH-023	23	24	1	2.37	
PEL-3580	PDH-023	24	25	1	2.06	
PEL-3581	PDH-023	25	26	1	4.75	
PEL-3582	PDH-023	26	27	1	3.41	
PEL-3583	PDH-023	27	28	1	1.44	
PEL-3584	PDH-023	28	29	1	1.74	
PEL-3585	PDH-023	29	30	1	0.55	
PEL-3586	PDH-023	30	31	1	0.96	
PEL-3596	PDH-023	39	40	1	1.23	
PEL-3597	PDH-023	40	41	1	0.70	
PEL-3614	PDH-023	55	56	1		0.49
PEL-3616	PDH-023	56	57	1		0.98
PEL-3617	PDH-023	57	58	1		0.31
PEL-3619	PDH-023	59	60	1		0.41
PEL-3620	PDH-023	60	61	1		7.74
PEL-3621	PDH-023	61	62	1		2.65
PEL-3629	PDH-023	68	69	1		0.45
PEL-3630	PDH-023	69	70	1		1.14
PEL-3631	PDH-023	70	71	1		0.50
PEL-3699	PDH-023	131	132	1		0.73
PEL-3706	PDH-023	138	139	1		1.11
PEL-3707	PDH-023	139	140	1		2.23
PEL-3708	PDH-023	140	141	1		1.06
PEL-3710	PDH-023	142	143	1		0.34
PEL-3725	PDH-023	155	156	1		0.79
PEL-3727	PDH-023	157	158	1		0.44
PEL-3732	PDH-023	161	162	1		0.31
PEL-3746	PDH-023	174	175	1		1.42

PEL-3754	PDH-023	181	182	1		0.31
PEL-3756	PDH-023	182	183	1		1.82
PEL-3757	PDH-023	183	184	1		1.83
PEL-3761	PDH-023	187	188	1		0.47
DEL 270E	DDU 034	0	1	1	2.65	
PEL-3785	PDH-024	0	1	1	2.65	
PEL-3786	PDH-024	1	2	1	0.75	
PEL-3787	PDH-024	2	3	1	10.76	
PEL-3789	PDH-024	4	5 7	1	0.82	
PEL-3791	PDH-024	6		1	22.10	
PEL-3792	PDH-024	7	8	1	2.42	
PEL-3793	PDH-024	8	9	1	1.76	
PEL-3794	PDH-024	9	10	1	7.01	
PEL-3796	PDH-024	10	11	1	8.32	
PEL-3797	PDH-024	11	12	1	0.86	
PEL-3802	PDH-024	15	16	1	0.51	0.00
PEL-3804	PDH-024	17	18	1		0.36
PEL-3805	PDH-024	18	19	1		0.56
PEL-3817	PDH-024	28	29	1		0.32
PEL-3818	PDH-024	29	30	1		1.38
PEL-3819	PDH-024	30	31	1		1.00
PEL-3820	PDH-024	31	32	1		0.95
PEL-3821	PDH-024	32	33	1		1.41
PEL-3822	PDH-024	33	34	1		0.63
PEL-3828	PDH-024	38	39	1		0.60
PEL-3829	PDH-024	39	40	1		0.89
PEL-3833	PDH-024	43	44	1		0.92
PEL-3836	PDH-024	45	46	1		0.51
PEL-3840	PDH-024	49	50	1		1.39
PEL-3841	PDH-024	50	51	1		1.71
PEL-3842	PDH-024	51	52	1		1.49
PEL-3844	PDH-024	53	54	1		2.29
PEL-3845	PDH-024	54	55	1		1.67
PEL-3846	PDH-024	55	56	1	0.61	1.97
PEL-3847	PDH-024	56	57	1		2.98
PEL-3849	PDH-024	57	58	1		0.70
PEL-3852	PDH-024	60	61	1		1.01
PEL-3853	PDH-024	61	62	1		0.78
PEL-3854	PDH-024	62	63	1		0.52
PEL-3856	PDH-024	63	64	1		0.61
PEL-3857	PDH-024	64	65	1		0.86
PEL-3858	PDH-024	65	66	1		1.03
PEL-3859	PDH-024	66	67	1		1.43
PEL-3860	PDH-024	67	68	1		1.24
PEL-3861	PDH-024	68	69	1		1.06
PEL-3862	PDH-024	69	70	1		0.41
PEL-3863	PDH-024	70	71	1		0.66
5555	. 5 02 1		72	1	-	0.00

PEL-3865	PDH-024	72	73	1	0.70
PEL-3866	PDH-024	73	74	1	0.36
PEL-3867	PDH-024	74	75	1	0.57
PEL-3868	PDH-024	75	76	1	0.49
PEL-3869	PDH-024	76	77	1	0.62
PEL-3878	PDH-024	83	84	1	0.59
PEL-3879	PDH-024	84	85	1	1.43
PEL-3880	PDH-024	85	86	1	0.96
PEL-3881	PDH-024	86	87	1	0.63
PEL-3882	PDH-024	87	88	1	4.94
PEL-3883	PDH-024	88	89	1	3.10
PEL-3884	PDH-024	89	90	1	2.64
PEL-3885	PDH-024	90	91	1	1.02
PEL-3889	PDH-024	93	94	1	0.31
PEL-3890	PDH-024	94	95	1	1.49
PEL-3891	PDH-024	95	96	1	0.91
PEL-3892	PDH-024	96	97	1	1.40
PEL-3893	PDH-024	97	98	1	0.44
PEL-3894	PDH-024	98	99	1	0.51
PEL-3896	PDH-024	99	100	1	0.46
PEL-3897	PDH-024	100	101	1	0.49
PEL-3899	PDH-024	101	102	1	0.56
PEL-3909	PDH-024	111	112	1	0.79
PEL-3910	PDH-024	112	113	1	1.26
PEL-3911	PDH-024	113	114	1	0.33
PEL-3912	PDH-024	114	115	1	0.46
PEL-3914	PDH-024	116	117	1	0.35
PEL-3917	PDH-024	118	119	1	0.96
PEL-3920	PDH-024	121	122	1	0.49
PEL-3922	PDH-024	123	124	1	1.30
PEL-3924	PDH-024	124	125	1	3.28
PEL-3925	PDH-024	125	126	1	1.53
PEL-3926	PDH-024	126	127	1	0.41
PEL-3939	PDH-024	138	139	1	0.46
PEL-3959	PDH-024	156	157	1	0.45
PEL-4013	PDH-024	227	228	1	0.54

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# **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>Historic Drilling (pre 2022)</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>Recent Drilling (2022 onwards)</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	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).	<ul> <li>Historic Drilling (pre 2022)</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>Recent Drilling (2022 onwards)</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>Historic Drilling (pre 2022)</li> <li>Detailed records on drill core and chip recovery are not available.</li> <li>Recent Drilling (2022 onwards)</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.         <ul> <li>Diamond drill core was not oriented due to technological limitations in-country.</li> </ul> </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>Historic Drilling (pre 2022)</li> <li>No drill logs have been seen for the historical drilling.</li> <li>Recent Drilling (2022 onwards)</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>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>Recent Drilling (2022 onwards)</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>One 250g sample is sent to SGS Peru for Au, and 49 element 2 acid digest analysis.</li> <li>Duplicates are being collected from quartered ½ core at an average rate of 1 in every 20 samples.</li> </ul>

#### Criteria **JORC Code explanation Commentary** Historic Drilling (pre 2022) Quality of The nature, quality and appropriateness of the assaying and laboratory procedures used assay data Soil samples were sent to Chemex Labs Ltd. and whether the technique is considered and in Vancouver through CIMTEC, where they partial or total. laboratory were analyzed by means of Fire Assay with For geophysical tools, spectrometers, AA finish (Au – AA) for gold, determining tests handheld XRF instruments, etc, the another 32 elements (Ag, Al, As, Ba, Be, Bi, parameters used in determining the analysis Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, including instrument make and model, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Ti, Tl, U, V, reading times, calibrations factors applied and W, Zn) via ICP. their derivation, etc. Nature of quality control procedures adopted The trench and drill samples were sent to the (eg standards, blanks, duplicates, external XRAL laboratory in Canada where the laboratory checks) and whether acceptable determination of the gold was carried out via levels of accuracy (ie lack of bias) and fire assay with instrumental finish (FA – DCP, precision have been established. ppb), the results higher than 1000 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 Recent Drilling (2022) 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. 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. Cu is analysed by 2 acids HNO3 -HCL, and measurement by ICP Both Fire Assay and 2 acid digest are considered total assay methods for the elements of interest. 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. 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 49 element 4 acid digest ICP-AAs/ICP-MS is being utilised for other elements including Cu. Recent Drilling (2023)

Lima Peru.

Analysis is being undertaken at SGS laboratories in

Analysis for gold is via 30g fire assay with AA

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>
		<ul> <li>Both Fire Assay and 2 acid digest are considered total assay methods for the elements of interest.</li> </ul>
		• 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>An additional 19 holes are being drilled to twin historic holes for validation of the historical drilling.</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>	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.
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	The results of any audits or reviews of sampling techniques and data.	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>	• The EI 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			

Criteria	JORC Code explanation	Commentary
Exploration	Acknowledgment and appraisal of exploration	<ul> <li>Cuba.</li> <li>The El Pilar prospect was explored most</li> </ul>
done by other parties	by other parties.	recently by Canadian company KWG, who undertook airborne geophysics, trenching (22 trenches totalling 4640m) and RC and Diamond drilling.  • 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.  • Chemical analysis for Au, Cu and other elements undertaken at Chemex laboratories in Canada. No core samples remain.
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>	Length weighted averaging for Au and Cu has been used to determine intercepts, with no top cut.
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>	All intercept lengths are down the hole intercepts.
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.	<ul> <li>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 and 20 July 2023.</li> </ul>
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>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.	No other significant unreported exploration data for El Pilar is available at this time.
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>	<ul> <li>The initial drilling into the El Pilar porphyry intrusive will involve up to 6 deep holes, for a combined meterage of ~3000m. The location of remaining holes will be determined as holes are drilled and mineralisation and vein orientation is assessed.</li> </ul>

## **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 Mineral Resource estimation.</li> <li>The factors affecting continuity both of grade</li> </ul>	• N/A

Criteria	JORC Code explanation	Commentary
	and geology.	
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 behind modelling of selective mining units.</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	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	• 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
Environmental factors or assumptions	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.	• 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 •

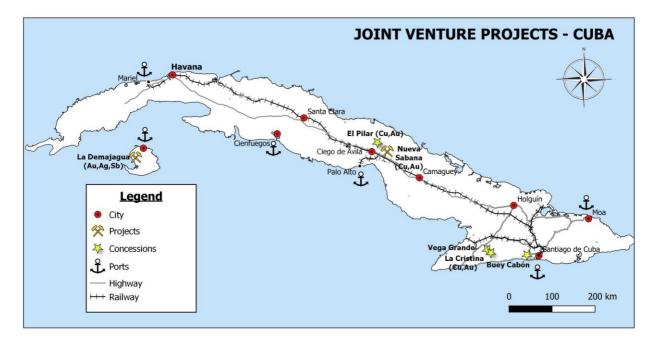
### Competent Person - Christian Grainger PhD. AIG

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.
- A proposed near-term project of the joint venture company, Minera La Victoria SA, is the
  development of the La Demajagua open pit mine on the Isle of Youth in south-west Cuba
  which, based on geological modelling and metallurgical test work, is planned to produce
  concentrates containing gold, silver, and antimony.



- An additional project with near-term development potential is the proposed Nueva Sabana mine on the El Pilar gold-copper oxide deposit which caps a large copper-gold porphyry system in central Cuba.
- 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.
- 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. Also, Antilles Gold nominates all senior management.
- The 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.
- o Importantly, GeoMinera's current 51% shareholding in the joint venture company reflects ownership, and does not provide control of decisions at Board or Shareholder Meetings, where the two shareholders have equal votes. Documentation is in progress to increase Antilles Gold's shareholding from 49% to 50% to better reflect the partnership with GeoMinera.



Exploration Director, Dr Christian Grainger Examining Drill Core – El Pilar