

Quarterly Activities Report

For the period ended 31 December 2021



MEDUSA

HIGHLIGHTS:

CASH BALANCE

Total cash and cash equivalent on metal account at Quarter end of:

US\$74.0M

PRODUCTION

Unhedged gold production for the Quarter of:

20,391 ozs

COSTS

All-In-Sustaining-Costs for the Quarter of:

US\$1,448/oz

Snapshot of Medusa:

- ❑ Unhedged, high-grade gold producer operating in the Philippines
- ❑ Focused on growth in the Asia Pacific Region
- ❑ No long-term debt

Board of Directors:

Jeffery McGlinn
(Non-Executive Chairman)

Andrew Teo
(Managing Director)

Roy Daniel
(Non-Executive Director)

Simon Mottram
(Non-Executive Director)

Company Secretary:

Peter Alphonso

Executive Management:

Raul C. Villanueva
(President, Philippine Subsidiaries)

Patrick Warr
(Chief Financial Officer)

James P. Llorca
(General Manager, Geology & Resources)

Capital Structure:

Ordinary shares: 207,956,301

Performance Rights 8,017,000

ASX Listing:

Code: MML



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Co-O Mine Operations

- **Production:** 20,391 ounces at an average head grade of 5.52 g/t gold (Sep 2021 Qtr: 23,223 ounces at 5.38 g/t gold).
- **All-In-Sustaining-Costs ("AISC"):** US\$1,448 per ounce (Sep 2021 Qtr: US\$1,242 per ounce). The increase to the previous quarter is primarily a result from lower production due to planned maintenance during the holiday season. There is no change to the FY22 Cost Guidance (refer pg 3).
- **Mill performance:** Gold recovery averaged 95.2% (Sep 2021 Qtr: 95.0%).
- **Mine development:** Total underground advance of 4,643 metres of horizontal and vertical development (Sep 2021 Qtr: 5,730 metres). Tigerway Decline Project portal excavation and support progressing well with a total advance of 131 metres.
- **COVID-19:** Preventive measures to reduce the health risk to personnel while at work continue to be followed. A general community quarantine directive remained in place at the end of the Quarter.

Co-O Mine Exploration

- **Underground resource drilling:**
Total drilling for the Quarter was 8,043 metres (Sep 2021 Qtr: 11,868 metres). Key areas and highlights are as follows:
 - Reserve drilling at Levels 9 & 11 totalled 3,682 metres from 18 drill holes;
 - Resource drilling at Levels 10 & 12 totalled 4,361 metres from 8 drill holes; and
 - High-grade results returned from the drilling include **2.6 metres @ 27.4 g/t gold; 2.4 metres @ 37.8 g/t gold; 2.0 metres @ 22.3 g/t gold; 1.0 metre @ 92.8 g/t gold; and 0.2 metres @ 217.0 g/t gold.**

Regional and Near Mine Exploration

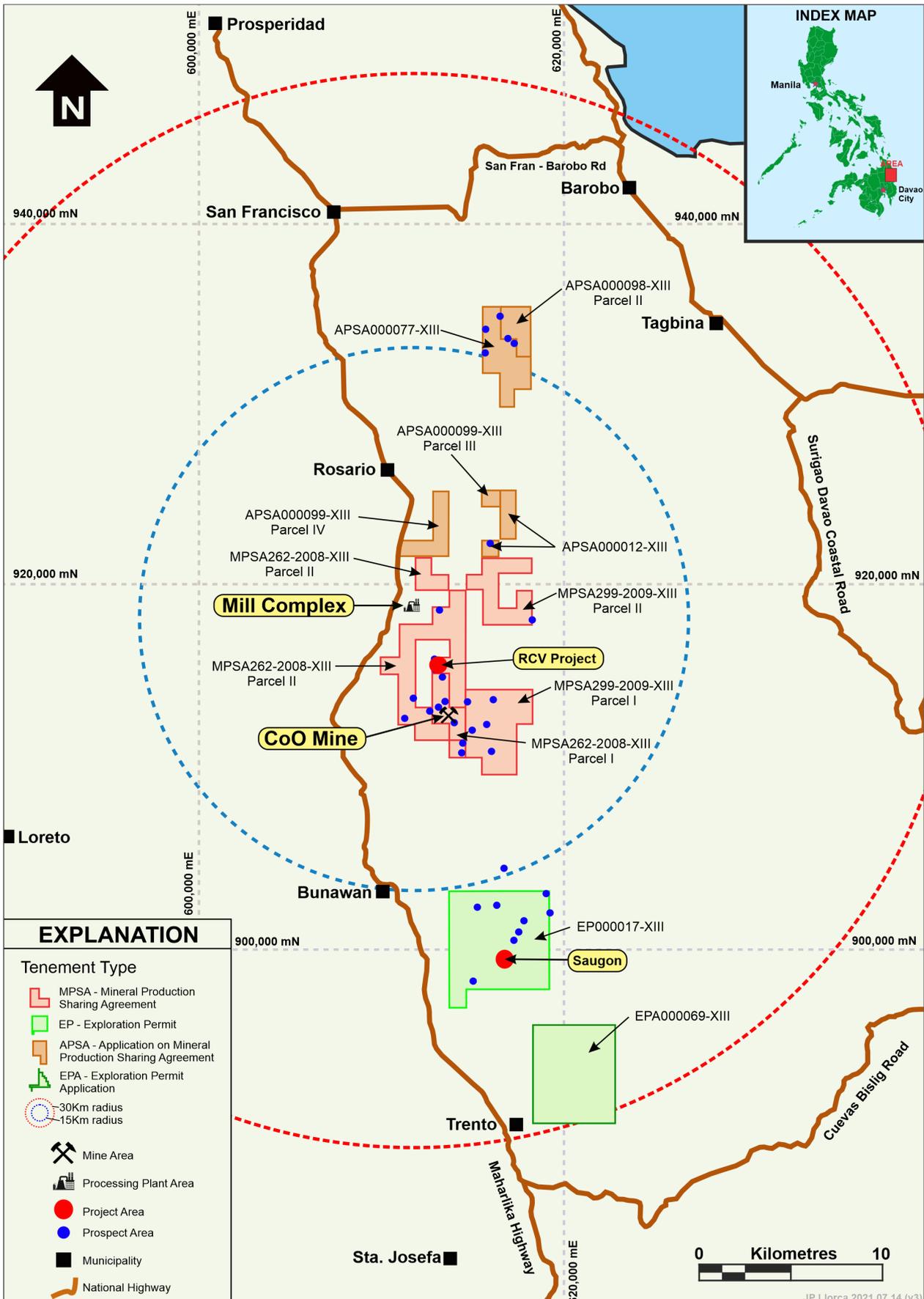
- **Co-O near-mine exploration:**
 - **Royal Crowne Vein:** approval of 3 Year Development and Utilisation Work Program by the Mines and Geosciences Bureau facilitates resource extension drill program in January 2022.
 - **Tagabaka Prospect:** Results from scout drill program of 5 holes for 1,374 metres do not support the next phase of work on the prospect.

Corporate and Financial

- A dividend of A\$0.02 per share was declared on 28 October 2021.
- Total cash and cash equivalent on metal account was US\$74.0 million at Quarter end (Sep 2021 Qtr: US\$75.5 million) following the disbursement of US\$3.0 million for dividends to shareholders on 19 November 2021.

Tenement project overview:

The location of the Company's Philippines Tenements is shown in Figure 1.



At the end of the December 2021 Quarter, the Company's tenement holdings remained the same at 8 with a combined area of approximately 122 km² (Figure 1 & Appendix B).

The tenement holdings EPA 087, which covers an area of about 85 hectares, is scheduled to be relinquished following a technical review concluding the area as non-prospective and of no strategic geographic value to Co-O mine.

The Company has 3 granted tenements and 5 tenements under the application. 3 are currently in the exploration stage of the granted tenements and 2 covering the Co-O Mine are in the operation stage.

All tenements are current and in good statutory standing.

Co-O Mine:

Production

The production statistics for the December 2021 quarter and comparatives for the previous four quarters are summarised in Table I below.

Table I: Gold production statistics

Description	Unit	Dec 2020 Quarter	Mar 2021 Quarter	Jun 2021 Quarter	Sep 2021 Quarter	Dec 2021 Quarter	FY2022 Half-year
Ore mined	WMT	128,126	107,080	139,731	157,712	150,617	308,329
Ore milled	DMT	117,723	96,476	124,090	140,662	121,197	261,859
Head grade	g/t	7.12	6.21	5.89	5.38	5.52	5.45
Recovery	%	96.1	95.8	95.4	95.0	95.2	95.1
Gold produced	ounces	26,075	18,359	22,396	23,223	20,391	43,614
Gold sold	ounces	28,453	17,691	21,457	22,182	19,620	41,802
Underground development	metres	6,106	5,813	5,942	5,730	4,643	10,373
All-In-Sustaining-Costs *	US\$/oz	1,033	1,304	1,594	1,242	1,448	1,312
Average gold price received	US\$/oz	1,866	1,753	1,836	1,760	1,812	1,784
Cash & cash equivalent	US\$M	79.3	72.2	72.2	75.5	74.0	74.0

* June 2021 quarter AISC includes Tigerway Decline costs of US\$230 per ounce. Costs associated with Tigerway have since been excluded from reported AISC.

The Company produced 20,391 ounces of gold from 121,197 tonnes of ore at an average grade of 5.52 g/t gold, a decrease in tonnage of 12% due to repair and maintenance of the L8 Shaft and the planned holiday season.

Total underground development of 4,643 metres was achieved for the Quarter which was also impacted by the holiday season. Much of the vertical and horizontal development was completed at Levels 8, 9 and 10, while focused horizontal development continues at Levels 10 and 12.

FY2022 Production and Cost Guidance

Production guidance for the Co-O Mine for Financial Year 2022 ("FY22") remains at 90,000 ounces to 95,000 ounces at an AISC of US\$1,250 to US\$1,300 per ounce of gold produced.

The FY22 AISC guidance excludes expenditure for the construction of the Tigerway Decline Project, and the Company expects to incur approximately US\$15 million in FY22. The total construction cost for Tigerway is estimated at US\$54 million.

Production shafts

Overall ore material hoisted from all shafts (i.e. Level 8 Shaft, Agsao Shaft, and Baguio Shaft) for the period was 150,617 wet tonnes (WMT) 12% above budget. Waste material hoisted amounted to 3,886 WMT.

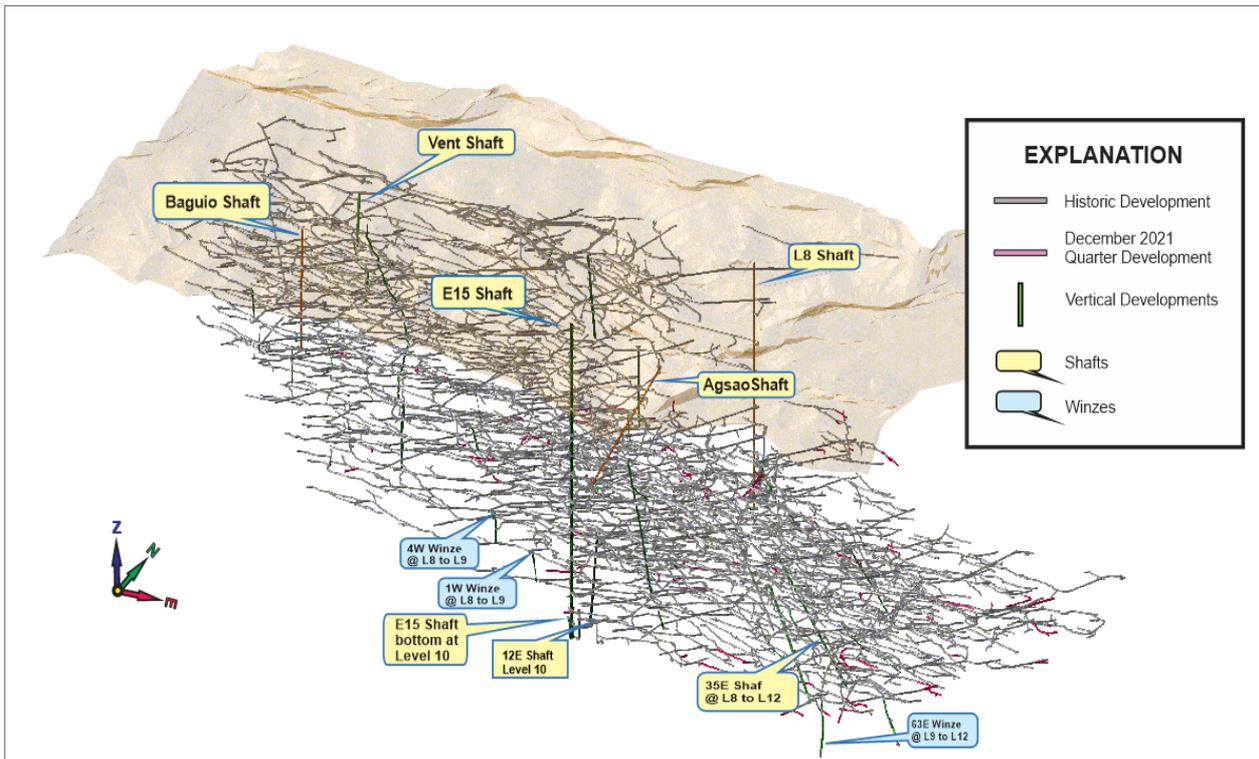


Figure 2: 3D Isometric view of Co-O mine showing all historic mine development, plus the December Quarter's horizontal development in Pink, also showing the primary vertical developments.

Processing plant

Plant throughput for the Quarter was 121,197 dry tonnes at a 5.52 g/t gold grade. Throughput tonnage decreased by 14% compared to the previous quarter due to lower mined volumes (Sep 2021 Qtr: 140,662 dry tonnes at 5.38 g/t gold).

Beneficial gold recoveries continued to be achieved with 95.2% recorded for the Quarter.

Tigerway Decline Project Update

The Tigerway Decline Project is making significant progress with a total advance of ~131 metres and no adverse health and safety incidents.

The current heading-face is past the expected shallow surface poor ground conditions and is now on fairground that is expected to ramp up the development meterage (*Refer ASX announcement 19 Jan 2022*).

The Tigerway construction will provide the best option to access ore below Level 12 to underpin the longevity and enhance operational flexibility at Co-O, which is expected to complete in September 2024.

Other major and essential surface infrastructures have been completed. Project progression continues according to schedule.

The total expenditure to date for the Tigerway Decline Project is approximately US\$10.4 million.



Photo 1: **Decline Development Cycle** - Face drilling & blasting, mucking, scaling, initial shotcrete spraying (batching), survey & mapping, rockbolt installation, final shotcrete spraying, and QAQC activities (Pull-out and thickness testing).

Health, safety, environment

Safety performance continued to improve this Quarter and will remain a key focus.

There were no significant environmental issues reported for the Quarter.

COVID-19 update

As the largest employer in the Caraga region, the Company has implemented and continues to maintain several health and safety protocols to prevent the spread of COVID-19 in the workplace and assist with the community response. These protocols are expected to remain in place and modified when required for the foreseeable future.

During the Quarter, the Company experienced minor disruptions to employee movement undergoing quarantine due to COVID-19 related precautions. As such, the Company has had some minor interruptions to the supply of goods and services, however, there as been no material impact on gold production.

Co-O Mine geology

Co-O Mine drilling

Total drilling for the Quarter was 8,043 metres, a 32% decrease from the previous Quarter (Sep 2021 Qtr: 11,868 metres) due to access issues to drill cuddies in deeper levels of the mine and the seasonal holidays. Ore Reserve drilling at Levels 9 and 11 totalled 3,682 metres from 18 drill holes, while Resource drilling at Levels 10 and 12 totalled 4,361 metres from 8 drill holes.

Significant high-grade results returned from the drilling include 2.60 metres @ 27.4 g/t gold; 2.45 metres @ 37.8 g/t gold; 2.00 metres @ 22.3 g/t gold; 1.00 metre @ 92.8 g/t gold; and 0.20 metres @ 217.0 g/t gold.

The underground drilling campaign from Level 10 and 12, targeting resource definition below Level 12 (Figure 3) returned good results. This program aims to increase and upgrade the current Mineral Resource through depth and strike extensions of the mineralised vein system between Levels 10 and 16 (-300m to -600m RL). Drilling at Level 12 continued to deliver excellent grades, proving the extension of the Mineral Resource to Level 16 (Figure 3).

Significant results obtained during the Quarter are reported in Table II, and relative positions are shown in the longitudinal section (Figure 3 & 4).

Table II: Co-O Mine underground drill hole results from ≥ 3 gram-metre/tonne gold
(refer Appendix A for JORC Code, 2012 Edition - Table 1 Report)

Hole Number	East	North	RL	Depth (metres)	Azim (°)	Dip (°)	From (metres)	To (metres)	Width (metres)	Gold (g/t)	Accumulations (gm*m)
UNDERGROUND RESOURCE DRILLING - LEVEL 6											
L6-14W-002	613864	912929	-97	85.90	13	-2	83.15	84.15	1.00	3.39	3.39
L6-1E-002	614011	912983	-95	175.00	23	-2	83.00	83.75	0.75	4.08	3.06
							154.50	155.50	1.00	6.97	6.97
UNDERGROUND RESOURCE DRILLING - LEVEL 9											
L9-54E-001	614562	913047	-239	65.00	189	2	14.75	15.25	0.50	6.07	3.04
L9-54E-002	614564	913049	-239	115.80	123	0	102.40	103.40	1.00	8.53	8.53
L9-87E-001	614889	913061	-236	108.40	33	3	4.90	5.10	0.20	19.33	3.87
L9-87E-002	614887	913061	-236	105.20	3	2	9.20	9.75	0.55	15.00	8.25
L9-87E-003	614901	913052	-236	250.00	136	2	4.80	5.45	0.65	8.50	5.53
							8.10	10.10	2.00	22.32	44.64
							including		1.00	8.97	8.97
									1.00	35.67	35.67
							14.75	17.35	2.60	27.40	71.24
							including		0.95	40.97	38.92
		0.65	42.63	27.71							
		1.00	4.60	4.60							
UNDERGROUND RESOURCE DRILLING - LEVEL 10											
L10-7E-044	613987	912949	-291	551.10	186	-26	31.25	31.50	0.25	41.27	10.32
							159.25	159.80	0.55	19.03	10.47
L10-7E-045	613987	912949	-291	552.60	177	-16	438.85	439.85	1.00	14.20	14.20
L10-7E-047	613985	912950	-290	365.10	222	-16	14.10	14.65	0.55	18.67	10.27
L10-7E-048	613987	912957	-290	551.70	1	0	117.10	118.10	1.00	82.27	82.27
							223.00	224.00	1.00	3.26	3.26
UNDERGROUND RESOURCE DRILLING - LEVEL 11											
L11-45E-001	614455	912989	-340	400.00	7	0	99.95	100.50	0.55	6.67	3.67
							191.10	192.10	1.00	3.24	3.24
L11-45E-003	614456	912988	-340	401.50	35	1	76.25	76.65	0.40	25.50	10.20
							80.40	80.85	0.45	11.83	5.32
L11-45E-004	614452	912986	-339	350.70	316	-2	74.55	75.55	1.00	3.59	3.59
L11-60E-001	614593	912919	-340	293.80	43	1	62.95	63.95	1.00	3.94	3.94
							146.30	146.50	0.20	19.67	3.93
L11-60E-002	614592	912919	-340	401.60	13	2	78.75	79.40	0.65	7.17	4.66
L11-61E-004	614605	912896	-340	310.20	57	1	11.45	13.90	2.45	37.83	92.68
									1.00	11.07	11.07
							including		0.20	217.40	43.48
									0.25	96.17	24.04
									1.00	14.10	14.10
							65.05	66.05	1.00	10.87	10.87
296.50	297.30	0.80	17.43	13.94							

Hole Number	East	North	RL	Depth (metres)	Azim (°)	Dip (°)	From (metres)	To (metres)	Width (metres)	Gold (g/t)	Accumulations (gm*m)
UNDERGROUND RESOURCE DRILLING - LEVEL 12											
L12-35E-011	614371	913066	-391	550.10	201	-30	230.10	230.95	0.85	17.80	15.13
							240.40	240.65	0.25	16.93	4.23
L12-35E-012	614374	913066	-391	550.90	156	-30	185.10	185.45	0.35	49.97	17.49
L12-35E-015	614372	913066	-391	550.60	185	-44	252.40	253.40	1.00	3.80	3.80
L12-35E-017	614371	913066	-391	550.60	206	-44	105.20	106.20	1.00	6.67	6.67
L12-35E-018	614372	913067	-391	551.10	199	-55	9.70	10.40	0.70	8.40	5.88

Notes:

- Composited intercepts' 'Accumulations' calculated by using the following parameters:
 - accumulations = grade x width;
 - no upper gold grade cut-off applied;
 - lower cut-off grade of 3.0 g/t gold.
- Widths and depths are down-hole measurements, not true widths.
- Philsaga Mining Corporation's in-house laboratory carries out the analysis; Inter-laboratory check assays are regularly carried out with an independent accredited commercial laboratory (Intertek Philippines, Manila) during the Quarter.
- Grid coordinates are rounded and based on the Co-O Mine Grid. RL is elevation, rounded in metres relative to Mine Datum.

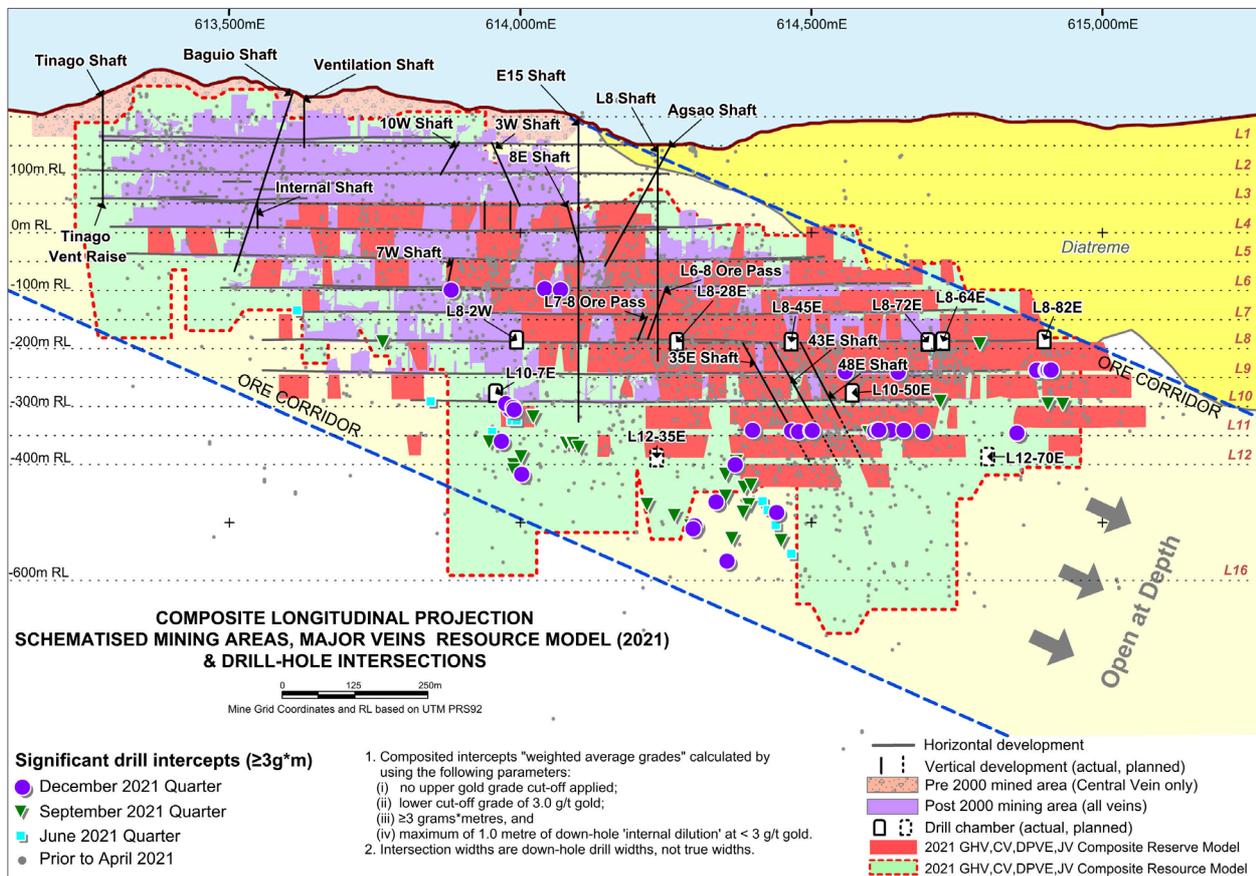


Figure 3: Co-O Mine Longitudinal Projection showing composited mining depletion, vertical development, Mineral Resource limits and significant drill intercept locations (including previously reported).

A more detailed representation of the significant results is provided in Figure 4. The numbers represent grade x metres (far right column on Table II).

Drilling in the Quarter continued to return encouraging high-grade assay results.

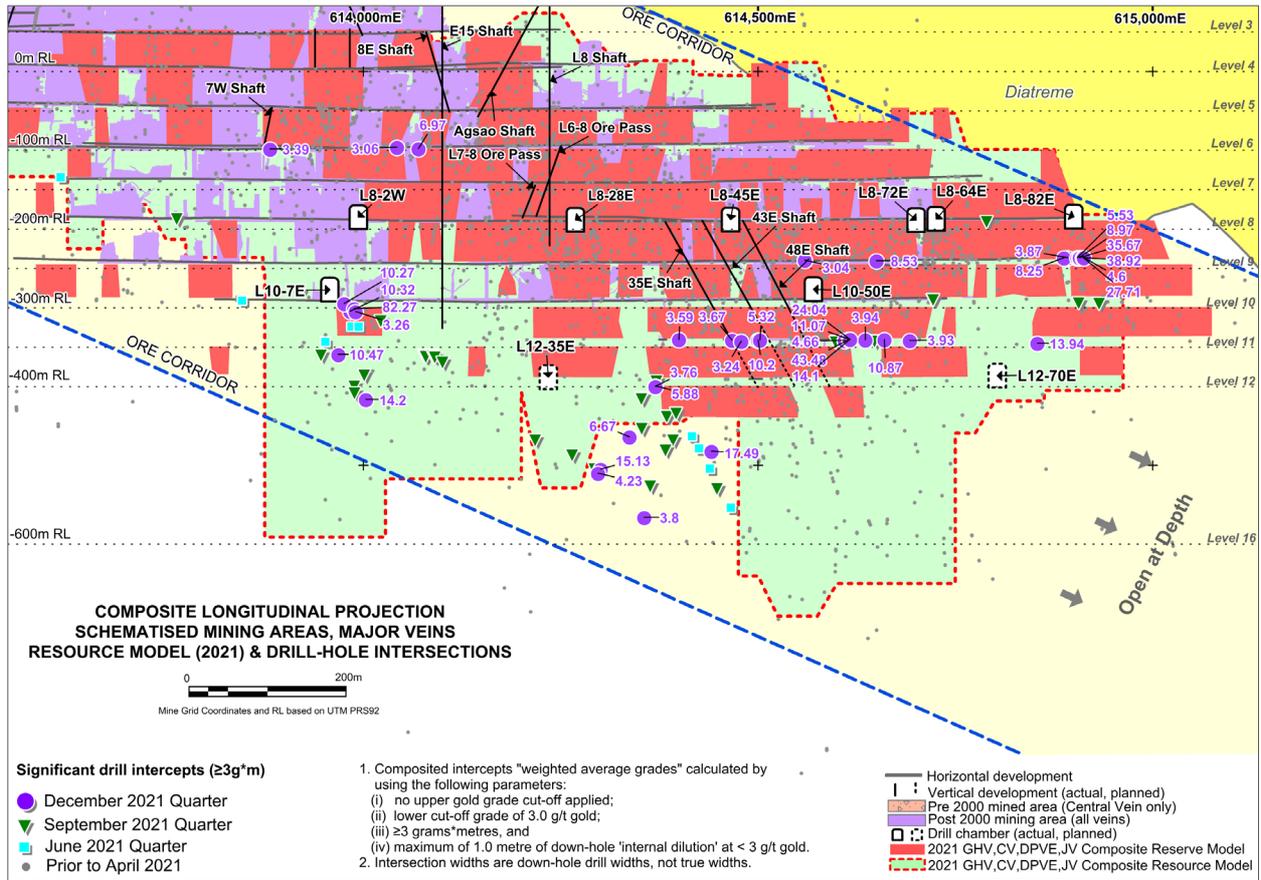


Figure 4: Co-O Mine Longitudinal Projection showing details of the significant drill intercept's accumulation values in Table II.

Co-O surface exploration

Near mine surface exploration

Exploration activities within MPSA 262-2008-XIII Parcel 2 remain focused on the Royal Crown Vein and Gamuton Projects.

Prospects within the tenement area are shown in Figure 5.

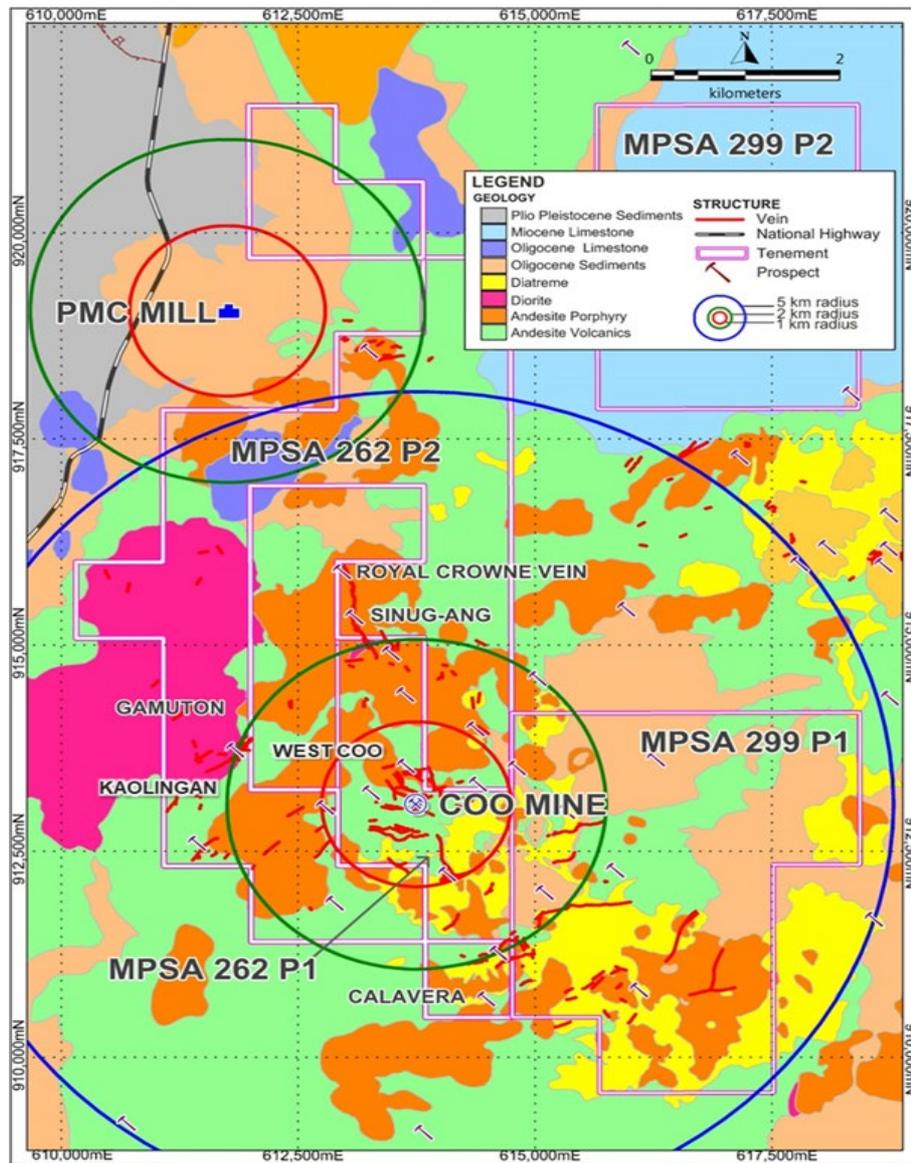


Figure 5: Geological map of the Co-O Mine District showing the location of Royal Crowne Vein and other projects within the Co-O Mine District.

Tagabaka Prospect (MPSA 299-2009-XIII Parcel 1)

The Tagabaka Scout Drilling Program was completed on 21 October 2021 with 5 holes drilled for a total meterage of 1,373 metres (Figure 6). The final 3 drill holes of the program were completed during the Quarter.

All drill holes successfully intercepted the targeted mineralised zones and 316 drill core samples were collected and sent for assay. Results returned a peak grade of 1.26 g/t gold including 2 samples with grades above 1.0 g/t gold from within the Laila-Brenda Vein system.

Based on the results of this campaign, future exploration activities in the Tagabaka prospect have ceased.

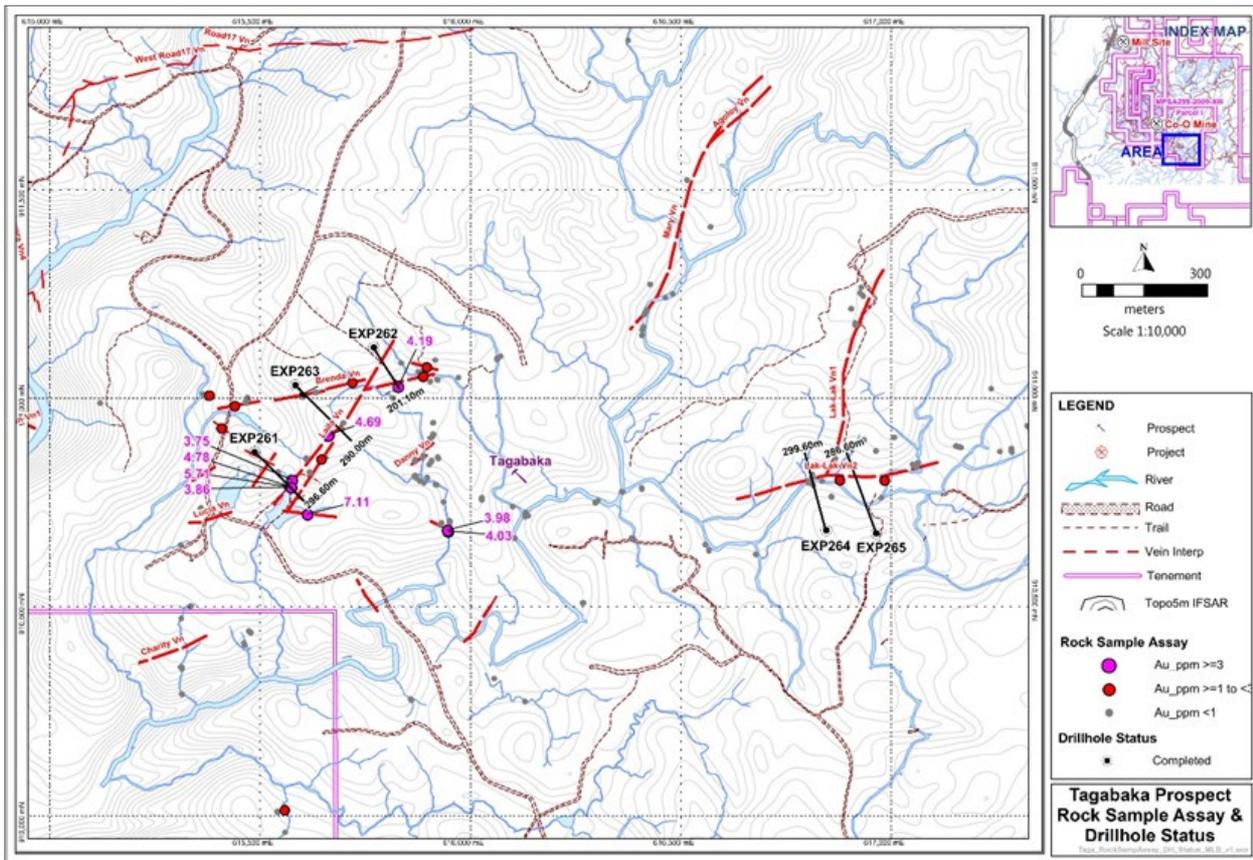


Figure 6. Map showing the location of the Laila-Brenda and Lakkak vein systems, samples and assay results above 3.0 g/t gold and completed drill holes in the Tagabaka prospect.

Royal Crowne Vein (RCV) Project (MPSA 262-2008-XIII PARCEL 2)

The Mines and Geosciences Bureau approved Co-O Mines amended 3 Year Development and Utilisation Work Program on 8 November 2021.

As a result, field exploration activities were resumed, and a 2-hole 1,000 metres Phase 5 drilling program will be undertaken to establish strike and dip continuity between the North and Central RCV vein segments. Drilling is to increase further and improve the resource category of the RCV Deposit.

Subsequent exploration activities during the period mainly focused on surface activities in preparation for implementing the drilling campaign scheduled to commence in the third week of January 2022.

Gamuton Prospect (MPSA 262-2008-XIII Parcel 2)

Like the RCV Project, exploration activities in the Gamuton Prospect focused on ground preparation for implementing a 2-hole 600 metres Scout Drilling Program (Figure 7) aimed at validating the strike, down-dip and grade continuity of the Gamuton Vein System (GVS). This scout drilling program includes 3 contingent holes to test further the continuity of veins (i.e. GP03 to GP05) in the prospect.

A total of 1,944 metres of transect section lines were completed along the trace of the proposed drill holes. 21 rock samples were collected this Quarter. Preliminary assay results of 5 samples returned assay results ranging from 0.26 g/t gold to 1.61 g/t gold. 3 of these samples were collected outside of the tenement but lie along with the projected strike continuity of the GVS.

Assays include the peak grade of 1.61 g/t gold collected from muck-out materials associated with a fault vein comprising gouge material with white to greyish quartz fragments. The assay results of the remaining 16 samples are still pending from the laboratory.

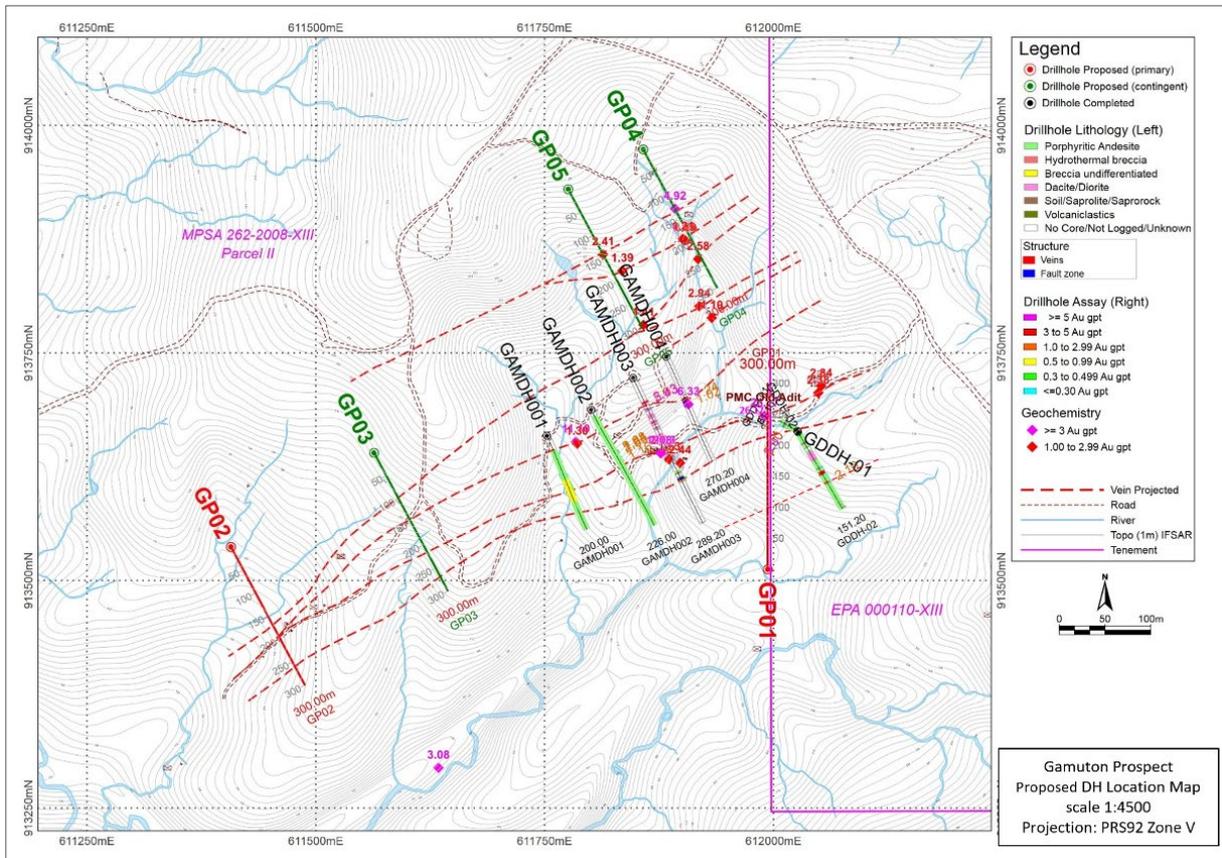


Figure 7. Map of the Gamuton prospect showing location of mapped veins, adits, significant rock sample assay results and proposed drill holes.

CORPORATE:

- The Company's Annual General Meeting was held on Thursday, 28 October 2021, with all resolutions passed by shareholders.
- Non-Executive Director, Mr. Roy Daniel, gave notice of his intention to retire from the Medusa Board on 28 February 2022. Mr. Daniel has agreed to assist the Company in an advisory capacity.
- On 28 October 2021 the Company declared an unfranked dividend of A\$0.02 per fully paid share which was paid to all eligible shareholders on 19 November 2021.

FINANCIALS:

As at 31 December 2021, the Company had total cash and cash equivalent in gold on metal account of approximately US\$74.0 million (Sep 2021: US\$75.5M).

The Company sold 19,620 ounces of gold at an average price of US\$1,812 per ounce in the December 2021 Quarter (Sep 2021 Qtr: 22,182 ounces sold at an average price of US\$1,760 per ounce).

During the December 2021 quarter, the Company incurred:

- Exploration expenditure (inclusive of underground exploration) of US\$1.1 million (Sep 2021 Qtr: US\$1.6M);
- US\$2.7 million on capital works and associated sustaining capital at the mine and mill (Sep 2021 Qtr: US\$1.4M);
- US\$2.0 million on the Tigerway Decline Project (Sep 2021 Qtr: US\$1.8M);
- US\$6.8 million on continued mine development (Sep 2021 Qtr: US\$6.9M); and
- Corporate overheads of US\$2.0 million (Sep 2021 Qtr: US\$1.4M).

In addition to the expenses highlighted above, which form part of the AISC of US\$1,448 per ounce for the Quarter (excluding the Tigerway Decline Project) (Sep 2021 Qtr: AISC of US\$1,242 per ounce), the Company also expended cash in the following areas during the Quarter:

- Net decrease in creditors/borrowings of approximately US\$0.7 million;
- Net increase in warehouse inventory, prepayments and receivables of approximately US\$1.1 million;
- Net decrease of indirect value added tax of approximately US\$2.6 million;
- Tax and interest charges totalling approximately US\$2.4 million; and
- Dividend payment of approximately US\$3.0 million.

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JORC Code 2012 Compliance - Consent of Competent Person

Medusa Mining Limited

Information in this report relating to Exploration Results has been directed and reviewed by Mr James P Llorca and is based on information compiled by Philsaga Mining Corporation's technical personnel. Mr Llorca is a Fellow of the Australian Institute of Geoscientists (AIG), a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Chartered Professional in Geology of the AusIMM.

Mr Llorca is General Manager, Geology and Resources, a full-time employee of Medusa Mining Limited, and is entitled to participate in the Company's incentive plans, details of which are included in Medusa's 2021 Remuneration Report. Mr Llorca has sufficient experience which is relevant to the styles of mineralisation and type of deposits under consideration and to the activities for which he is undertaking to qualify as a "Competent Person" as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC)." Mr Llorca consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Except where explicitly stated, this Quarterly Report contains references to prior Exploration Targets and Exploration Results, all of which have been cross-referenced to previous ASX announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant ASX announcements.

DISCLAIMER

This report contains certain forward-looking statements. The words 'anticipate', 'believe', 'expect', 'project', 'forecast', 'estimate', 'likely', 'intend', 'should', 'could', 'may', 'target', 'plan' and other similar expressions are intended to identify forward-looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements.

Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Medusa, and its officers, employees, agents and associates, that may cause actual results to differ materially from those expressed or implied in such statements.

Actual results, performance or outcomes may differ materially from any projections and forward-looking statements and the assumptions on which those assumptions are based.

You should not place undue reliance on forward-looking statements and neither Medusa nor any of its directors, employees, servants or agents assume any obligation to update such information.

APPENDIX A

Co-O Mine - JORC Code, 2012 Edition - Table 1 report

Section 1. Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>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 (eg 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g 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.</i> 	<ul style="list-style-type: none"> Diamond (DD) core and stope face channel samples are the two main sample types. Diamond (DD) core samples: Half core samples for DD core sizes, NQ and HQ. Stope and Development samples: Stope face channel samples are taken over stope widths of 1.5 to 3m for waste and mineralised material. DD drilling is carried out to industry standard to obtain drill core samples, split longitudinally in half along the core axis using a diamond saw. Half core samples are then taken at 1m intervals or at lithological boundary contacts (if >20cm), whichever is least. The sample is crushed with a 1kg split for pulverisation to obtain four (4) 250g pulp samples. A 30g charge is taken from one of the 250g pulp packets for fire assay gold analysis. The remaining pulp samples are retained in secure storage for future reference.
Drilling techniques	<ul style="list-style-type: none"> <i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i> 	<ul style="list-style-type: none"> For underground drilling, larger rigs (i.e. LM-55 and Diamec U6, U6DH-APC), collar holes using HQ/HQ3 drill bits (core Ø 61mm/63mm) until ground conditions require casing off, then reduce to NQ/NQ3 drill bits (core Ø 45mm/47mm). For the smaller portable rigs (Diamec 232, TDM-30, and GD-55), drill holes are collared using NTW (core diameter Ø 56mm), NQ/NQ3 (core Ø 45mm/47mm) and HQ/HQ3 (core Ø 61mm/63mm) until hole termination. Previous small rigs were Ingetrol and XU-200, with the holes collared using TT46 or LTK60 drill bits (core diameters 35mm and 44mm respectively) and continued coring to target depth. Drill core orientation is measured using the Ezy-Mark™ (single magnetic shot) and DeviFlex (non-magnetic multi-shot) front end core orientation tool. For surface holes, drill holes are collared using PQ3 drill bits (core Ø 83mm) until competent bedrock. The holes are then completed using either HQ3 or NQ3 drill bits depending on ground conditions.
Drill sample recovery	<ul style="list-style-type: none"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measure taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>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.</i> 	<ul style="list-style-type: none"> For each core run, total core length is measured with the recovery calculated against drilled length. Recovery averaged better than 95%, which is considered acceptable by industry standards. Sample recovery is maximised by monitoring and adjusting drilling parameters (e.g. mud mix, drill bit series, rotation speed). Core sample integrity is maintained using a triple tube coring system. No known relationship has been observed to date between sample recovery and grade. Core recovery is high being >95%. No sampling bias has been observed.

Criteria	JORC Code explanation	Commentary
Logging	<ul style="list-style-type: none"> • <i>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.</i> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> • Core samples have been logged geologically and geotechnically to a level of sufficient detail to support appropriate mineral resource estimation, mining and metallurgical studies. Lithology, mineralisation, alteration, oxidation, sulphide mineralogy, RQD, fracture density, core recovery is recorded by geologists, then entered into a digital database and validated. • Qualitative logging is carried out on all drill cores. More detailed quantitative logging is carried out for all zones of interest, such as in mineralised zones. Since July 2010, all drill core has been photographed. The drill core obtained prior to July 2010 has a limited photographic record.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or call core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>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.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> • Except for TT46 drill core, all drill core is sawn longitudinally in half along the core axis using a diamond saw to predetermined intervals for sampling. Cutting is carried out using a diamond saw with the core resting in a specifically designed cradle to ensure straight and accurate cutting. • No non-core drill hole sampling has been carried out for the purposes of this report. • Development and stope samples are taken as rock chips by channel sampling of the mining face according to geological boundaries. • The sample preparation techniques are to industry standards. • The sample preparation procedure employed follows volume and grain size reduction protocols (-200 mesh) to ensure that a representative aliquot sample is taken for analysis. Grain-size checks for crushing and pulverising are undertaken routinely. • For PQ/PQ3, HQ/HQ3, NQ/NQ3 and LTK60 core, the remaining half core is retained for reference. The TT46 drill core is whole core sampled. • Core sample submission sizes vary between 2-5kg depending on core size, sampling interval, and recovery. The assay sample sizes are considered to be appropriate for the style of mineralisation.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> • <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> • <i>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.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • All drill core and stope face samples from the mine are submitted to Philsaga Mining Corporation's (PMC) Assay Laboratory, located at the mill site. Samples are prepared and assayed in the laboratory. Gold is assayed by the fire assay method, an industry-standard commonly employed for gold deposits. It is a total-extraction method and of ore-grade category. Two assay variants are used based on gold content: the FA30-AAS for Au grades < 5g/t, and FA30-GRAV for Au grades > 5g/t. Both sample preparation and analytical procedures are of industry standards applicable to gold deposits. • A QAQC system has been put in place in the PMC Assay Laboratory since 2006. It has been maintained and continually improved up to the present. The quality control system essentially utilises certified reference materials (CRMs) for accuracy determination at a frequency of 1:60 to 1:25. For precision, duplicate assays are undertaken at 1:20 to 1:10 frequency. Blanks are determined at 1:50 or 1 per batch. Samples assayed with lead button weights outside the accepted range of >25 to <35 grams, are re-assayed after adjustment of the flux. • Inter-laboratory check assays with an independent accredited commercial laboratory (Intertek Philippines, Manila) are undertaken at a frequency of 1 per quarter. Compatibility of assay methods with the external laboratory is ensured to minimise variances due to method differences.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> The QAQC assessment showed that the CRMs inserted for each batch of samples generally had accuracy within the acceptable tolerance levels. Duplicate assays generally returned assays within $\pm 20\%$ MPRD for FY2016. Replicate assays of CRMs, showed good precision within $< 10\%$ at 95% confidence level, which is within acceptable limits for gold analysis. Intermittent analytical biases were shown but were well within the accepted tolerance limits.
Verification of sampling and assaying	<ul style="list-style-type: none"> <i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> Visual inspections to validate mineralisation with assay results has occurred regularly. In addition, independent and alternative company personnel regularly verify significant mineralised intersections. All drilling is a diamond drilling, and no twinning of holes has been undertaken. The majority of drilling is proximal to mine development, and intersections are continually validated by the advancing mine workings. Geological logging of drill core and drilling statistics are handwritten and transferred to a digital database. Original logs are filed and stored in a secure office. Laboratory results are received as hardcopy and in digital form. Hardcopies are kept onsite. Digital data is imported into dedicated mining software programs and validated. The digital database is backed up on a regular basis with copies kept onsite.
Location of data points	<ul style="list-style-type: none"> <i>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.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i> 	<ul style="list-style-type: none"> Suitably qualified surveyors or experienced personnel, using total station survey equipment, locate all drill hole collars. Coordinates are located to Survey Control Stations (SCS) established within the project area and underground. A local mine grid system is used, which has been adapted from the Philippine Reference System of 1992 (PRS92). Topographic and underground survey control is maintained using located SCS, which are located relative to the national network of geodetic control points within 10km of the project area. The Company's SCS were audited by independent licensed surveyors (Land Surveys of Perth, Western Australia) in April 2015, and they found no gross errors with the survey data. Land Surveys have since provided independent services to assist mine survey in establishing and maintaining SCS to a high standard as the mine deepens. Therefore, accuracy is considered to be appropriate for mine control.
Data spacing and distribution	<ul style="list-style-type: none"> <i>Data spacing for reporting of Exploration Results.</i> <i>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</i> <i>Whether sample compositing has been applied.</i> 	<ul style="list-style-type: none"> Before 2015, surface exploration drill holes were located initially on a 50m and 100m grid spacing, and for resource definition drilling, the sectional spacing is at least 50m with 25m sectional spacing for underground holes. Since 2015, resource drilling is conducted wholly from underground with minimum intercept spacing for the major veins of 40m x 40m for Indicated and 80m x 80m for Inferred categories. Sufficient drilling and underground face sampling has been completed to support Mineral Resource and Ore Reserve estimation procedures. Sample compositing has not been applied to exploration data for the purposes of reporting.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> <i>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.</i> 	<ul style="list-style-type: none"> Mineralisation is hosted within narrow, typically $< 2\text{m}$ wide quartz veins. Orientations of the veins generally are E-W, with variations from NE-SW to NW-SE, with dips varying from flat-lying to steep dipping to the North. Surface drill holes were generally drilled towards the S and vary in dip (-45° to -60°). Underground drill holes are orientated in various directions and dips, depending on rig access to intersect the various mineralised veins at different locations within the mining area.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> Due to the nature of this style of mineralisation and the limited underground access for drilling, drilling may not always intersect the mineralisation or structures at an optimum angle, however, this is not considered to be material. A good understanding of the deposit geometry has been developed through mining such that it is considered that any sampling bias is recognised and accounted for in the interpretation.
Sample security	<ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> Drilling is supervised by Philsaga mine geologists and exploration personnel. All samples are retrieved from the drill site at the first opportunity and taken to a secure compound where the core is geologically logged, photographed and sampled. Samples are collected in tagged plastic bags, and stored in a lockable room prior to transportation to the laboratory. The samples are transported using in-house contractor's (Bastareche Trucking Services) vehicles and accompanied by company personnel to the laboratory.
Audits or reviews	<ul style="list-style-type: none"> <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> In August 2018, Intertek Testing Services Phils, Inc. conducted and reported an independent review of available QA/QC data. There were procedural issues identified by the audit that was immediately rectified. The Laboratory is currently on the conversion of the ISO 14001: 2015 version. A follow up independent audit by a third party is scheduled between May to June 2019. Since October 2016, the Philsaga laboratory was visited several times by Mr JP Llorca. As of 2016, the Company conducts its QAQC using the Acquire database management software. This work is carried out on-site by Philsaga GIS personnel trained and experienced in QAQC protocols. The accuracy of the gold determinations was predominantly within the tolerance limits for both the PMC laboratory and the independent checking laboratory. However, the precision of assay is better for the independent laboratory, and as such, where diamond drilling assays exist for both laboratories, results from the independent laboratory have been used, in preference to PMC assays, for Mineral Resource estimation. Sampling techniques and database management is to industry standard.

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 style="list-style-type: none"> 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 license to operate in the area. 	<ul style="list-style-type: none"> The Co-O mine is operated under Mineral Production Sharing Agreements ("MPSA") MPSAs 262-2008-XIII and 299-2009-XIII, which covers 4,739 hectares. Aside from the prescribed gross royalties payable to the Philippine government (2%) and the Indigenous People (1%), no other royalties are payable on production from any mining activities within the MPSA.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgement and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> The Co-O mine was initially developed in 1989 by Banahaw Mining and Development Corporation ("BMDC"), a wholly owned subsidiary of Musselbrook Energy and Mines Pty Ltd. The operation closed in 1991 and was placed on 'care and maintenance' until its purchase by PMC in 2000. PMC recommissioned the Co-O mine and began small-scale mining operations. Medusa Mining Ltd ("MML"), listed on the ASX in December 2003, and in December 2006, completed the acquisition of all of PMC's interests in the Co-O mine and other assets, including the mill and numerous tenements and joint ventures. MML, through PMC, has since been actively exploring the Co-O tenements.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style mineralisation. 	<ul style="list-style-type: none"> The Co-O deposit is an intermediate sulphidation, epithermal gold (+Ag ±Cu±Pb±Zn) vein system. The deposit is located in the Eastern Mindanao volcano-plutonic belt of the Philippines.
Drill hole Information	<ul style="list-style-type: none"> 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 style="list-style-type: none"> 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 distract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> Detailed information concerning the drill holes forming the basis of this Mineral Resource estimate is not included in this report because the data set is too large, and the information has been previously publicly reported. The information is not material in the context of this report, and its exclusion does not detract from the understanding of this report. For the sake of completeness, the following background information is provided in relation to the drill holes. Easting, northing and RL of the drill hole collars are in both the local mine grid, PRS92 and UTM WGS84 Zone 51 coordinates. Dip is the inclination of the hole from the horizontal. For example, a vertically down drilled hole from the surface is -90°. Azimuth is reported in magnetic degrees as the direction toward which the hole is drilled. Magnetic North <-1° west of True North. Downhole length is the distance from the surface to the end of the hole, as measured along the drill trace. Interception depth is the distance down the hole as measured along the drill trace. Intersection width is the downhole distance of a mineralised intersection as measured along the drill trace.
Data aggregation methods	<ul style="list-style-type: none"> 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. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade result, the procedure used for 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. 	<ul style="list-style-type: none"> No top cutting of assays is done for the reporting of exploration results. Short lengths of high-grade assays are included within composited intercepts. Metal equivalent values are not reported.

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> • <i>These relationships are particularly important in the reporting of Exploration Results.</i> • <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> • <i>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').</i> 	<ul style="list-style-type: none"> • The majority of drilling is oriented approximately orthogonal to the known orientation of mineralisation. However, the intersection length is measured down the hole trace and may not be the true width. • The orientation of the veins is typically E-W, with variations from NE-SW to NW-SE with dips varying from flat-lying to steep to the North. Surface drill holes are generally orientated towards the S and vary in dip (-45° to -60°). Underground drill holes are orientated in various directions and dips, depending on rig access to intersect the various mineralised veins at different locations within the mining area. • All drill results are downhole intervals due to the variable orientation of the mineralisation.
Diagrams	<ul style="list-style-type: none"> • <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported these should include but not limited to a plan view of drill hole collar locations and appropriate sectional views.</i> 	<ul style="list-style-type: none"> • A longitudinal section is included showing significant assay results locations (Figure 2). Tabulated intercepts are not included as they have been previously reported.
Balanced reporting	<ul style="list-style-type: none"> • <i>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.</i> 	<ul style="list-style-type: none"> • Significant intercepts have previously been reported for all DD drill holes that form the basis of the Mineral Resource estimate. However, less significant intercepts have not been reported since the drilling is carried out within the mine environs.
Other substantive exploration data	<ul style="list-style-type: none"> • <i>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.</i> 	<ul style="list-style-type: none"> • No other substantive exploration data has been acquired or considered meaningful and material to this announcement.
Further work	<ul style="list-style-type: none"> • <i>The nature and scale of planned further work (eg tests for lateral extensions of depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling area, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> • Recent drilling focused on the eastern geological limits of GHV from Levels 11 to 14 the northern veins indicate favourable mineralisation. • Mineralisation is still open to the east and at depth. Underground exploration and development drilling will continue to test for extensions along strike and depth to the Co-O vein system.

APPENDIX B:

Tenement Schedule (as of 31 December 2021)

Name	Tenement ID	Registered Holder	Company's Interest as at		Royalty ⁽¹⁾	Area (hectares) as at	
			30 Sept 2021	31 Dec 2021		30 Sept 2021	31 Dec 2021
Co-O Mine	MPSA 262-2008-XIII	PMC	100%	100%	-	2,539	2,539
	MPSA 299-2009-XIII	PMC	100%	100%	-	2,200	2,200
Co-O	APSA 00012-XIII	BMMRC	100%	100%	-	340	340
	APSA 00098-XIII	Philcord	100%	100%	1% NPI	507	507
Saugon	EP 017-XIII	PMC	100%	100%	-	3,132	3,132
	EPA 00069-XIII ⁽²⁾	Phsamed	100%	100%	-	2,540	2,540
	EPA 00087-XIII ⁽²⁾	PMC	100%	100%	-	85	85
Corplex	APSA 00077-XIII	Corplex	100%	100%	4% GSR	810	810

Notes:

- (1) Royalties are payable to registered holders, aside from the prescribed royalties' payable to the Philippine government and the indigenous people.
(2) Pending approval and confirmation by MGB of area reduction. The company is assessing the prospectivity of the tenement if to be relinquished.

ABBREVIATIONS:

Tenement Types

APSA	Application for Mineral Production Sharing Agreement
EP	Granted Exploration Permit
EPA	Application for Exploration Permit
MPSA	Granted Mineral Production Sharing Agreement

Registered Holders

Apmodoro	APMEDORO Mining Corporation
BMMRC	Base Metals Mineral & Resources Corporation
Corplex	Corplex Resources Incorporated
PMC	Philsaga Mining Corporation
Philcord	Mindanao Philcord Mining Corporation
Phsamed	Phsamed Mining Corporation

Royalty

GSR	Gross Smelter Royalty
NPI	Net Profit Interest
NSR	Net Smelter Royalty