# Caledonia Mining Corporation Plc: Encouraging results from exploration at the Motapa Gold Project

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ST HELIER, Nov. 11, 2024 - <u>Caledonia Mining Corporation plc</u> ("Caledonia" or "the Company") (NYSE AMERICAN: CMCL; AIM: CMCL; VFEX: CMCL) is pleased to announce the first results from its recent exploration program at Motapa, an exploration project acquired in November 2022, located directly adjacent to the Company's Bilboes Gold Project in southern Zimbabwe.

At Motapa, the combination of diamond drilling ("DD") and reverse circulation drilling ("RC"), designed to test the continuation of sulphide zones of mineralisation below the historic oxide open pits, have returned highly encouraging results. In addition, shallower drilling in new target areas has returned encouraging results both in shallower oxide, and deeper sulphide zones.

The program to date has achieved the initial objectives and included 12,724m of trenching, 4,143m of DD and 5,433m of RC. The drill program featured generally wide-spaced holes at several prospects on the Motapa lease area and highlighted the presence of widespread gold mineralization over a combined strike length of more than 9km. Results included significant high grade gold mineralization in numerous areas (e.g. in particular the Jupiter, Pluvious and Mpudzi areas) which will now be the focus for follow up drilling with a view to defining an open pit mineral resource. Drilling highlights to date include:

- Hole JPRC01 12.00m\* at 6.36g/t from 81m downhole, RC
- Hole JPRC05 13.00m at 5.17g/t from 88m downhole, RC
- Hole PLVRC06 7.00m at 3.27g/t from 64m downhole, RC
- Hole MPZRC02 4.00m at 10.95g/t from 12m downhole, RC
- Hole JDD08 14.00m at 3.20g/t from 63m downhole, DD
- Hole PLVDD01 8.00m at 4.00g/t from 74m downhole, DD

\*all intersections above are down hole intersections; estimated true widths, all drill hole intersections are quoted in the tables later in this press release.

Further information on the results is provided below.

Chief Executive Officer, Mark Learmonth, said:

"The results from the sampling at Motapa have delivered encouraging results in terms of strike width, length and grade. The drill program featured generally wide-spaced holes at several prospects on the Motapa lease area and highlighted the presence of widespread gold mineralization over a combined strike length of more than 9 km.

"Motapa sits adjacent to Bilboes, which is where the Company plans to develop a major new high grade open pit gold mine. These initial results confirm that Motapa will continue to form a key role in the Company's growth strategy."

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# Overview of Motapa Exploration Program

 The Motapa exploration program commenced in 2023 with geological mapping, geophysical surveys, trenching, and a later program in 2024 of surface exploration drilling.

- The initial work informed targets for wide spaced drilling to test mineralization below the historically mined oxide open pits and in new target areas which have not yet been mined.
- To date, 12,724m of trenching, 4,143m of DD and 5,433m of RC have been completed, marking the end of the 2024 exploration drilling activities.
- To date, complete data (assay results) have been received for 93% of DD samples and 61% of RC samples submitted for analysis at external laboratories. A total of 13,374 trench samples have been analyzed by means of bottle roll analysis at the Company's internal laboratory at Bilboes.
- Caledonia believes that the property presents substantial upside from both greenfield and brownfield exploration opportunities.
- Further updates will be provided on the completion and assessment of the outstanding assay results.

# Details of the Program

Motapa is located approximately 110km north of Bulawayo in the Bubi District of the Matabeleland North Province of Zimbabwe. The tenement is within state land under the jurisdiction of the Bubi Rural District and the tenure is held in the form of a mining lease covering approximately 2,200 hectares which provides for both exploration and mining rights. The locality of Motapa is shown relative to other key Caledonia properties in Figure 1. Caledonia's Bilboes property and associated large scale new development project is located directly to the north of Motapa with Bilboes and Motapa sharing a lease boundary.

The mining lease area is part of the Bubi Greenstone Belt and occupies a  $\pm$  6km stretch of an elongated northeast - southwest trending intensely sheared broad shear zone with three main mineralised footprints. Named from the north, these shear structures are Motapa North, Motapa Central and Motapa South (Figure 2).

Figure 1: General Locality of the Motapa Exploration Project, Zimbabwe.

Figure 2: Surface Geology and Main Shear Zones at the Motapa Exploration Project.

(Refer to Figure 3 for precise extent of the mining lease boundary.)

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Caledonia believes that the property presents both greenfield and brownfield upside exploration opportunities, and the proximity to the planned development at Bilboes makes Motapa strategically very important for Caledonia, given the potential synergies between the two.

Initial exploration activities at Motapa commenced in 2023 and comprised the following:

- Detailed geological mapping of the tenement
- Historical data collation of previous exploration and mining activities
- Aero-magnetics flown by drone
- Ground penetrating radar (LOZA) surveys to identify underground voids

These activities, completed in the same calendar year, were used to define an exploration program for 2024. The total exploration works program originally planned comprised the following:

- 22,212 meters of surface trenching
- 3,987 meters of DD, 3,502 samples submitted of which 3,268 assays have been received.
- 4,663 meters of RC, 4,226 samples submitted of which 2,575 assays have been received.

To date, 12,724m of trenching, 4,143m of DD and 5,433m of RC have been completed, marking the end of the 2024 exploration drilling activities. Figure 3 shows approximate locations of trenching sites, while Figures 4, 5 and 6 are air photos showing the North, Central and South known mineralized trends on Motapa, in relation to old workings with drill hole locations marked.

To date, complete data (assay results) have been received for 93% of DD samples and 61% of RC samples submitted for analysis at external laboratories. A total of 13,374 trench samples have been analyzed by means of bottle roll analysis at the Company's internal laboratory at Bilboes.

Trenching and infill mapping identified Slates, Meta-andesites and BIFs as host rocks to gold mineralization. Gold mineralization is associated with extensive sericite, carbonate, silica, pyrite, arsenopyrite and magnetite alteration. From logging of RC and DD drill hole core, it is evident that mineralization is predominantly structurally controlled and associated with intense shearing, silicification and sulphidisation (pyrite and arsenopyrite) in slates, quartz feldspar porphyries (Motapa North) and Meta-Andesites and BIF (Motapa Central and South). Sporadic decent widths (+5m), high-grade zones are mostly ascribed to Motapa North Jupiter and Shawl orebodies, with the widest zone encountered being 12.04m at 3.20g/t at Jupiter.

Trenching and drilling methodology and results are discussed in sections later on in this document.

Key Conclusions Regarding Work to Date

#### Motapa North

The historic oxide open pits are located approximately 250 meters to the south of the shared Bilboes property boundary and a few hundred meters further to the planned metallurgical facility at Bilboes. Exploration drilling during 2024 was focused more on the northern trend which has returned sufficiently encouraging results to warrant further follow up drilling during 2025. The focus of further drilling will be to define an open pit mineral resource in the near term along the 2,750-meter strike length of Motapa North with drill section lines planned at a 25 meter spacing.

# Motapa Central

Historically, underground mining took place in the western portion of Motapa Central along the Club section. Underground working and assay plans show that highly encouraging grades were mined in the past, and therefore exploration drilling has been focused on the eastern portion in the Mpudzi section.

The Mpudzi section has no historical open pits and exploration drilling encountered shallow high grade

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mineralisation with deeper drill holes showing the continuation of these zones at depth. The shallow mineralisation appears to be oxidised and further drilling with the aim to define a near-term oxide mineral resource is planned for 2025.

Motapa South

Limited drillholes were planned and executed at Motapa South due to both the north and central areas taking precedence because of their proximity to Bilboes. Going forward for 2025, limited drilling will take place with drilling to intensify during 2026 and 2027.

Figure 3: Trenching Localities at the Motapa Exploration Project.

Figure 4: Motapa North strike DD and RC drillhole collars.

Figure 5: Motapa Central strike DD and RC drillhole collars.

Figure 6: Motapa South strike DD and RC drillhole collars.

#### Clarification of mining lease area

During the Motapa drilling project, a discrepancy was discovered between the mining area noted in the registered mining lease (2,224 hectares) and a historic map of the area by the Surveyor General which was supposed to have informed the extent of the lease (2,161 hectares). Management's view is that the excluded area has no implications on the ongoing exploration project as there were no plans to explore there and it is not material to Motapa's development plans. Furthermore, the exclusion of the old tailings dump has reduced the Company's rehabilitation liability in respect of Motapa.

In summary, the Surveyor General's map excludes an access road through the area, an old tailings dump and small parts of pits in the central strike zone of the area (see Figure 3 for more detail). The Ministry of Mines has been contacted to resolve the discrepancy and it is likely that the lease will be updated in due course to clarify that the excluded area is not part of the lease, given that the Surveyor General's map is likely to take precedence.

Trenching and trench sampling methodology

After the geologist has noted that the trench has successfully been excavated to bedrock, the sample intervals are set out on the side walls. At the start of the sample line, a peg is installed into the floor with the trench number. A clean, exposed side of the trench is chosen and maintained throughout the sampling process. The sidewall is cleaned with a shovel to ensure an uncontaminated face is exposed for sampling. Thereafter sample localities are marked on the sidewall.

Sampling is done at one-meter intervals respecting lithological contacts, alterations and structures. A minimum sampling width of 0.3m and maximum of 1m are observed throughout the sample interval marking. A clean sample mat is placed on the floor of the trench and samples are chipped from the bedrock sidewall into a sample pan. Samples are ticketed and placed in a sample bag closed with twine. Sample tickets,

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locality and weights are recorded on the sample sheet record for each trench.

A total of 15% per batch consists of check samples comprising one standard, one field duplicate and one blank (Dolerite Dyke). Each batch contains a total of 20 samples inclusive of check samples. Trench samples are assayed on site by means of a bottle roll assay at the Company's Isabella laboratory situated at Bilboes.

Samples above a cut-off grade of 0.10g/t bottle roll grade are selected for fire assay. These samples are composited and sent for analysis at an external laboratory.

The compositing of samples is guided by lithology as well as alteration domains; no sampling will be done across different domains. Outliers with anomalously high grades are not composited unless they are part of a homogenous lithological and alteration domain. When compositing in wider ore zones, a composite sample is made by combining five samples, whilst in narrow ore zones two samples will make up a composite sample. The homogenized sample is split using a riffle splitter to get two 2kg samples to be delivered to the external laboratory for bottle roll analysis and the other for fire assay.

Total meters trenched to date amount to 12,724m, with 13,374 samples being collected from 56 trenches (see Figure 3). Of these samples, 907 samples were selected for fire assay at an external laboratory with results received for 710 samples to date. The longest trench was MTR12 with 894m. The trenches were approximately 0.5-2m deep, were sampled on an individual basis and provided exposures for geological mapping.

Using a 0.1 g/t gold lower cut-off, for the 16 trenches with analytical results (16 of 53), 10 trenches (63%) intersected mineralization. Trenches that intersected gold mineralization are summarized in Table 1. The widest zone of mineralization encountered was 19.32m at 0.36 g/t (MTR25A) with a peak value of 11.75 g/t. However, most of the mineralization widths are pervasively narrow.

Widely spaced trenches (100m) MTR27, MTR27\_1E, MTR27\_2E and MTR25 have suggested a continuity of mineralization over a 250m strike length. Mineralization has also been encountered in trench MTR9 in anomalies located along Motapa Central strike.

Trenching and infill mapping is highlighting increased recognition of slates, andesites and BIF lithologies as host rocks to gold mineralization. Gold mineralization is associated with extensive sericite, carbonate, silica, pyrite and/or magnetite alteration. Drill testing of the priority targets is in progress.

#### Surface drilling

Sixty-two down-the-hole surveys were conducted on RC and DD holes which showed no major departures from the planned trajectory. The project QAQC statistical tests carried out on DD and RC assay results from the ISO accredited Performance Laboratories were satisfactory at an overall pass rate of 90%.

The RC and DD methodology is discussed below with the results obtained tabulated in Table 5 and the drill hole information tabulated in Table 6. Drill hole localities for Motapa North, Motapa Central and Motapa South are provided in *Figure 5* and Figure 6 respectively.

# DD methodology

After all geotechnical and structural logging is complete, the geologist inspects the core and delineates potential ore zones.

The geologist determines sampling depths, each sampling interval depending on lithological contacts, alterations, structures and quantity of sulphides with the maximum sampling width of 1m and minimum sampling width of 0.3m. The sample depths are printed on a sampling sheet and need to be marked on the core before density determination can take place. The densities are measured before the core is cut. Sampling starts five meters away from the footwall contact and ends five meters away from the hanging wall

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contact to allow for sterilization.

Half core was sampled, with the other half remaining at the core shed for archiving.

Core segments were picked within demarcated and labeled intervals and put in respective sample bags. The samples are numbered as per the sampling plan with one ticket put into the respective sample bag, and the other onto the remaining piece of core where the sample would have been collected. The sample I.D.is also scribbled on the remaining half core.

At the end, sample bags are sealed with cable ties and weighed; with sample weights recorded on the sampling sheet.

The samples are then bagged into grain bags for dispatch to an outside accredited laboratory or storage prior to submission.

#### RC methodology

Checks for rig outlet and splitter cleanliness are conducted prior to the commencement of drilling activities and continuously throughout the drilling activities to avoid sample contamination.

Sample bags are pre-numbered with unique sample numbers (drill hole number and drill hole depth intervals) before the drilling commences. Sample depths recorded are relative to the ground surface at the drillhole collar. If no sample is recovered, such as when voids are intersected, the numbering sequence is continued uninterrupted with empty numbered bags inserted into the sample sequence. This will avoid possible confusion in sampling. Sample bags are immediately sealed to effectively prevent external contamination.

A sample bag is tied to the sample outlet of the rig in preparation for sample collection before sampling commences. Bulk samples are collected at 1m intervals and split using a riffle splitter to three samples. One sub-sample of 2kg will be taken to the lab for assaying, the second remains as a field duplicate for storage at the core shed and the third is prepared as chips for traying. The sampling crew will sample at the designated (one meter) intervals down the hole. The geologist verifies the intervals from the driller's marks on the mast or pull-down chain. For samples sent to the laboratory, the sampling quality is monitored continuously as the geologist ensures the samples for QA & QC monitoring purposes are inserted in each sampling stream batch of 20 samples with CRMs being alternated from batch to batch from low, medium and high grade.

# **QAQC** Procedures

For DD samples, a train comprising a single blank, CRM, LCR, and LPR reference sample is inserted into a batch of 20 samples. This process is repeated until the entire drillhole is completed with the CRMs being alternated from batch to batch (low, medium and high grade).

For RC samples, a train comprising a single blank, CRM, FDUP, and LPR reference sample is inserted into a batch of 20 samples. This process is repeated until the entire drillhole is completed with the CRMs being alternated from batch to batch (low, medium and high grade).

For trench sampling, a train comprising a single blank, CRM and FDUP reference sample is inserted into a batch of 20 samples. This process is repeated until the entire trench is completed with the CRMs being alternated from batch to batch (low, medium and high grade).

Every sampling sequence starts with a blank sample and ends with a blank sample. Analytical results for blanks, standards and duplicates are graphed and, if any fail, the entire batch is re-assayed. Batches that passed the QAQC graphs are then captured in the database. QAQC is monitored continuously. All assays sent to an external laboratory refer to Performance Laboratories, an accredited laboratory in Zimbabwe.

Overall QAQC compliance rate of 90% is comprised as per Table 1 below. Table 1: QAQC Results from DD and RC Drilling Activities

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QAQC Insertion	%	Insertion	Pass / Fail	# of Samples	%		Comments
			Pass	108	98	%	
FDUP Duplicates	2	%	Fail	2	2	%	Good correlation of R <sup>2</sup> =0.89
			Total	110			
			Pass	137	82	%	
LCR Duplicates	3	%	Fail	30	18	%	Poor correlation, could be due to nugget effect.
			Total	167			
			Pass	204	91	%	
LPR Duplicates	4	%	Fail	21	9	%	Satisfactory correlation.
			Total	223			
			Pass	213	77	%	
CRMs	5	%	Fail	60	22	%	Most failures are on a high-grade CRM of 12g/t. All failed bato
			Total	276			
			Pass	288	99	%	
Blanks	6	%	Fail	3	1	%	Good QAQC. Failed batches being re-analysed
			Total	291			
			Pass	955	90	%	
<b>Grand Total</b>	20	%	Fail	116	11	%	Satisfactory Compliance Rate
			Total	1067			

Table 1: QAQC Results from DD and RC Drilling Activities

FDUP - Field Duplicate, LCR - lab coarse repeat, LPR - lab pulp repeat, CRM - Certified Reference Material, Blank - Dolerite Dyke

In addition to the QAQC protocol above, a check laboratory and umpire laboratory are utilized to validate the results from the principal laboratory. Zimlabs is used as a check laboratory with 10% of assays re-assayed. Antech Laboratories is used as an umpire laboratory with 5% of assays re-assayed. Correlation between the Performance and Antech laboratories is excellent with Zimlabs showing less of a correlation.

# Qualified person

Craig James Harvey, MGSSA, MAIG, Caledonia Vice President, Technical Services, has reviewed and approved the scientific and technical information contained in this news release. Craig James Harvey is a "Qualified Person" as defined by each of (i) the Canadian Securities Administrators' National Instrument 43-101 - Standards of Disclosure for Mineral Projects and (ii) subpart 1300 of Regulation S-K.

#### Note:

This announcement contains inside information which is disclosed in accordance with the Market Abuse Regulation (EU) No. 596/2014 ("MAR") as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 and is disclosed in accordance with the Company's obligations under Article 17 of MAR.

#### **Appendix**

Highlights from the DD and RC campaigns are provided in the tables below. [A full overview is included in the appendix]:

# RC Highlights

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Holes Identifier		Orebody Name	Orebody Intersection		Core	True	Grade	Orebody Intersection depth from surface(m)	E.O.H (m)	
	Identifie	INAITIE	From (m)	To (m)	Lengui (III)	widii (iii)	(9/1)	depth from surface(iii)		
	JPRC01	JUPITER	81.00	93.00	12.00	9.72	6.36	67.93	110	
	JPRC05	JUPITER	88.00	101.00	13.00	10.53	5.17	76.21	160	
	PLVRC06	PLUVIOUS 1,2&3	64.00	71.00	7.00	6.62	3.27	53.68	150	
	MPZRC02	MDUDZI	12.00	16.00	4.00	3.86	10.95	8.00	EE	
	IVIFZRCUZ	IVIFUDZI	36.00	39.00	3.00	2.89	2.83	25.00	55	

Table 2: RC Drilling Highlights

# DD Highlights

Holes Identifier	Orebody Name	Orebody Intersection From (m)	on To (m)	Core Length (m)	True width (m)	Grade (g/t)	Orebody Intersection depth from surface(m)	E.O.H (m)
JDD08	JUPITER	63.00	77.00	14.00	12.04	3.20	44.6	200
PLVDD0	1 PLUVIOUS 5	74.00	82.00	8.00	6.94	4.00	57.5	170
PLVDD02	2 PLUVIOUS 4	64.00	66.00	2.00	1.75	4.04	50.4	149
PLVDD04	4 PLUVIOUS 1,2&3	137.00	142.00	5.00	4.80	3.31	114.9	248

Table 3: DD Drilling Highlights

The following tables below provide the full results

Exploration Anomaly/Targe	t Trench ID	Trench Start Easting Northing Elevation	Trench En Easting	_	Azimuth (°)	Trenc
T1	PLVTR5.5	661984 7845794 1122	662073	7845680 1124	142	149
Shawl	SHWTR1	664186 7847041 1141	664262	7846934 1148	144	132
Jupiter East	JETR1	664195 7846870 1145	664246	7846791 1148	147	115
Shoul Foot	MTR1	664823 7847517 1155	664940	7847336 1147	147	216
Shawl East	MTR2	664487 7847329 1149	664764	7846876 1141	149	531
Т6	MTR12	664732 7846468 1106	665141	7845671 1145	153	894
	MTR9	665277 7846381 1133	665613	7845816 1146	149	663
	MTR9W MTR8	665301 7846243 1139 665634 7846172 1144	665365 665792	7846136 1140 7845905 1149	149 149	126 311

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MTR27	665723 7845630 1152	665982	7845196 1173	149	511
MTR25	666048 7845866 1153	666216	7845585 1171	149	329
MTR25A	666225 7845592 1171	666233	7845574 1172	154	20
MTR25B	666224 7845571 1174	666366	7845333 1179	149	279
MTR25C MTR26	666341 7845318 1177 666421 7845239 1185		7845287 1180 7845034 1179	161 149	33 237
MTR24	666369 7845997 1160	666625	7845540 1208	151	530
MTR27_1E	665893 7845536 1164	666059	7845271 1171	148	314
MTR27_2E	665985 7845590 1158	666158	7845307 1170	149	333
MTR27_1W	665724 7845432 1167	665858	7845210 1175	149	261

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MTR27_2W	665642 7845374 1166	7845164 665769	1169	149	246
MTR27N_1W	665636 7845576 1153	7845538 665659	1156	150	45
MTR27N_1E	665783 7845679 1151	7845640 665807	1152	150	47

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MTR25_1W	666065 7845640 1157	666243	7845343 1171	149	350
MTR25_1E	666251 7845761 1166	666443	7845442 1184	149	375
MTR25_2E	666353 7845814 1171	666532	7845514 1198	149	353
MTR24_1E	666533 7845916 1175	666720	7845590 1209	150	382
MTR24_2E	666626 7845968 1169	666815	7845638 1199	150	385
FSKTR1	665143 7844949 1163	665225	7844819 1158	148	155

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	FSKTR4	665267 7845089 1167	665292	7845048 1165	149	49
	FSKTR4A	665295 7845042 1164	665310	7845016 1163	149	31
	FSKTR4B	665312 7845014 1164	665316	7845007 1164	152	8
	FSKTR4C	665322 7844999 1163	665328	7844988 1162	149	14
	FSKTR4D	665334 7844978 1162	665351	7844949 1160	149	35
	FSKTR4E	665356 7844952 1160	665360	7844943 1160	157	12
	FSKTR4F	665356 7844940 1160	665364	7844928 1159	147	15
	FSKTR4G	665367 7844924 1158	665378	7844906 1158	149	22
	FSKTR4H	665383 7844897 1157	665390	7844886 1157	148	14
	FSKTR2	665434 7845158 1163	665469	7845101 1161	148	68
	FSKTR2A	665470 7845099 1161	665474	7845093 1161	147	7
	FSKTR2B	665476 7845095 1161	665489	7845078 1160	142	22
	FSKTR2C	665486 7845074 1160	665514	7845027 1158	149	56
	FSKTR3	665574 7845290 1165	665622	7845214 1167	148	91
	FSKTR3A	665630 7845199 1167	665657	7845155 1165	149	51
	FSKTR3B	665664 7845143 1164	665700	7845086 1163	148	67
	FSKTR2 EXT	665328 7845260 1164	665375	7845192 1167	145	83
	MTR23	666917 7846195 1164	667141	7845878 1177	145	391
Mpudzi East	MTR22	667320 7845967 1179	667321	7845922 1182	180	46
Mpudzi East	MTR20	667356 7846381 1160	667357	7846217 1165	180	165
	MTR21	668061 7846182 1177	668062	7846029 1182	180	154
	MOTR002	663329 7846428 1140	663354	7846383 1138	152	52
	MOTR001	663284 7846397 1140	663299	7846375 1139	148	28
Boomgate	BGTR2_0	663490 7846524 1139	663500	7846496 1139	158	31
	BGTR2_2	663529 7846431 1136	663545	7846404 1136	151	32
	BGTR2_3	663509 7846417 1136	663528	7846385 1135	151	38

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	PLWTR1	662335 7845815 1127	662377	7845739 1129	151	108
	PLWTR2	662262 7845779 1127	662309	7845694 1128	152	98
	PLVTR3	662221 7845788 1124		7845660 1127	151	147
	PLVTR4	662181 7845746 1124	662238	7845631 1126	153	134
	PLVTR5	662132 7845708 1123	662196	7845608 1125	147	119
	PLVTR5EXT	662045 7845842 1124	662132	7845708 1122	147	161
T1						
• •						
	PLVTR8	662677 7845977 1132	662712	7845881 1134	151	104
	DI VITO (O				4=0	
	PLVTR12	662505 7845826 1129	662542	7841751 1131	153	85
	PLVTR13	662699 7845989 1133	662731	7845897 1135	153	95
	PL4TR2	662730 7846022 1133	662741	7845994 1132	158	31
Pluvious 4						
FIUVIOUS 4						
	PL4TR1	662741 7846042 1134	662760	7846011 1135	149	36
	PL4TR2_1	662761 7845954 1135	662771	7845929 1135	157	28
	F <b>L4</b> I NZ_ I	00270170408041130	002111	1040323 1100	131	20

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	PL5TR1	662834 7846122 1136	662848 7846095 1136	153 3
	PL5TR1EXT	Г 662849 7846093 1136	662881 7846048 1138	140 5
	PL5TR1A	662868 7846068 1138	662895 7846027 1138	147 4
Pluvious 5	PL5TR2	662865 7846129 1136	662893 7846073 1138	154 6
	PLV5TR2EX	KT 662893 7846072 1138	662908 7846050 1139	147 9
	PL5TR7	662960 7846205 1138	662973 7846182 1138	150 2
Pluvious 123	PLV123TR6	6 661909 7845767 1124	662031 7845575 1124	148 2
Shawl	SHETR1	664447 7847219 1148	664484 7847160 1151	157 6
Britwell	MTR28	664851 7845423 1148	665087 7845043 1169	148 4
Total Trenched To Date	(m)			
Table 4: Trenching Resu	ts			
Diamond Drillholes Inter	•			
Holes Orebody Identifier Name	Oreboo Interse From (m)		True width Grade (m) (g/t)	Orebody Inter depth from su (m)

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JDD01		58.00	62.00	4.00	3.74	3.00	45.01
00001		77.00	80.00	3.00	2.81	3.34	54.45
JDD02		156.00	157.00	1.00	0.85	1.93	130.00
00002		163.00	164.00	1.00	0.85	1.20	135.00
		69.73	70.50	0.77	0.74	0.77	55.00
JDD03		147.00	156.00	9.00	8.63	1.89	113.20
0000		160.00	163.00	3.00	2.88	2.05	124.00
		206.50	207.35	0.85	0.82	1.09	160.00
		63.00	64.54	1.54	1.48	1.67	50.00
		81.00	82.00	1.00	0.96	1.76	60.00
JDD04		88.00	93.00	5.00	4.80	1.01	70.00
30004		142.00	143.00	1.00	0.96	0.96	103.00
	JUPITER	146.00	150.00	4.00	3.84	0.71	106.00
	JOHNER	152.00	153.00	1.00	0.96	0.82	107.00
JDD05		43.82	52.00	8.18	6.95	0.99	32.00
30003		60.00	68.00	8.00	6.80	2.50	45.00
JDD06		66.00	67.00	1.00	0.84	1.01	55.12
		56.00	57.00	1.00	0.87	2.23	40.11
JDD07		61.00	64.00	3.00	2.61	3.73	45.23
30007		66.00	69.80	3.80	3.31	1.87	48.30
		95.00	96.00	1.00	0.87	0.75	68.00
JDD08		39.00	40.00	1.00	0.86	2.75	27.58
30000		63.00	77.00	14.00	12.04	3.20	44.55
		12.60	15.00	2.40	2.25	0.56	23.48
JDDD10		21.00	21.37	0.37	0.35	0.61	29.21
		39.00	40.41	1.41	1.32	1.03	43.76
BMGDD01		NSI					
		67.00	70.00	3.00	2.81	2.26	50.00
		72.00	73.00	1.00	0.94	2.44	52.00
	BOOMGATE	91.00	92.00	1.00	0.94	0.81	67.00
BMGDD02	BOOMBATE	94.00	95.00	1.00	0.94	0.65	70.00
		96.60	98.00	1.40	1.31	2.36	71.00
		106.00	109.00	3.00	2.81	3.84	78.00
		132.00	133.00	1.00	0.94	1.07	96.00
PLVDD01	PLUVIOUS 5	59.00	60.00	1.00	0.87	1.11	60.81
PLVDD01	PLUVIOUS 5	74.00	82.00	8.00	6.94	4.00	57.51
PLVDD02	PLUVIOUS 4	64.00	66.00	2.00	1.75	4.04	50.43
FLVDD02	PLUVIOUS 4	74.00	74.90	0.90	0.79	2.80	88.31
		75.00	81.00	6.00	5.61	1.58	53.03
טו אירוטס		83.00	84.00	1.00	0.94	1.44	58.69
PLVDD03		94.00	95.00	1.00	0.94	1.68	66.46
	PLUVIOUS 1,2&3	104.00	106.00	2.00	1.87	0.95	73.54
PLVDD04		137.00	142.00	5.00	4.80	3.31	114.90
PLVDD05		89.00	90.00	1.00	0.97	1.07	72.15
Reverse Circ	ulation Drilling Interd	epts					

Holes Identifier Orebody Name

Orebody Intersection
From (m) To (m)

Core Length (m) True width(m) Grade(g/t) Orebody Intersection

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		56.00	57.00	1.00	0.85	1.32	47.00
		60.00	61.00	1.00	0.85	1.10	50.30
SHRC01		62.00	64.00	2.00	1.70	0.66	52.00
SHILOH		109.00	112.00	3.00	2.55	5.03	91.42
	SHAWL	124.00	127.00	3.00	2.55	4.21	100.64
		131.00	138.00	7.00	5.95	1.68	109.87
		44.00	46.00	2.00	1.70	1.81	38.48
SHRC02		57.00	73.00	16.00	13.60	1.75	49.85
		97.00	100.00	3.00	2.55	0.67	84.84
IDDC01		72.00	74.00	2.00	1.62	0.66	60.38
JPRC01		81.00	93.00	12.00	9.72	6.36	67.93
IDDCOO	II IDITED	79.00	80.00	1.00	0.81	0.73	66.25
JPRC02	JUPITER	108.00	112.00	4.00	3.24	3.21	90.58
JPRC04		NSI					
JPRC05		88.00	101.00	13.00	10.53	5.17	76.21
		55.00	56.00	1.00	0.75	3.93	47.63
BMGRC01	BOOMGATE	61.00	63.00	2.00	1.54	2.64	52.83
		66.00	68.00	2.00	1.62	1.02	57.16
PLVRC01	PLUVIOUS 5	63.00	70.00	7.00	5.67	3.02	50.97
		64.00	71.00	7	6.62	3.27	53.68
PLVRC06	PLUVIOUS 1,2&	3 81.00	83.00	2	1.89	1.56	67.76
		127.00	129.00	2	1.89	1.12	105.18
PLVRC07		NSI					
DDDC04_0	BRITWELL	62.00	66.00	4.00	2.36	0.53	50.80
BRRC01_0	DKIIWELL	75.00	79.00	4.00	2.36	1.67	61.84
		2.00	8.00	6.00	3.90	3.12	1.00
MPZRC01		14.00	16.00	2.00	1.30	2.56	11.00
		18.00	19.00	1.00	0.65	3.33	13.00
		3.00	5.00	2.00	1.93	0.75	3.00
MPZRC02		12.00	16.00	4.00	3.86	10.95	8.00
		36.00	39.00	3.00	2.89	2.83	25.00
MDZDC00		6.00	12.00	6.00	5.11	2.58	6.64
MPZRC03	MPUDZI	15.00	17.00	2.00	1.70	1.87	9.07
MPZRC04		NSI					
MPZRC05		NSI					
MPZRC06		NSI					
MPZRC07		47.00	48.00	1.00	0.78	0.75	32.18
MPZRC08		36.00	39.00	3.00	2.86	9.96	30.23
MDDCCC		5	7	2.00	1.62	4.29	3.83
MPRC22		21	23	2.00	1.62	2.28	16.09

Table 5: RC and DD Drilling Results

# Diamond Drillhole Collars

Hole Identifier	Azimuth (°)	Dip (°)	Drilled Length (m)	UTM Easting (m)	UTM Northing (m)	UTM Elevation (m)
JDD01	349	44	154.88	663722	7846505	1134
JDD02	354	56	248.03	664193	7846797	1145
JDD03	354	51	295.88	664165	7846739	1145
JDD04	337	50	250.88	664125	7846715	1142
JDD05	340	47	79.68	664010	7846678	1137
JDD06	340	57	274.98	663920	7846618	1134
JDD07	339	46	199.88	663880	7846590	1135

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IDDOO		4.0	400.00	000004		440=
JDD08	336	43	199.68	663824	7846552	1135
JDD09	340	47	68.72	664195	7846900	1147
JDD10	350	52	76.88	663768	7846572	1122
PLVDD01	332	51	169.98	663160	7846143	1138
PLVDD02	335	52	148.98	662798	7845936	1137
PLVDD03	337	44	154.98	662606	7845791	1131
PLVDD04	340	57	247.98	662571	7845686	1131
PLVDD05	350	55	97.98	662471	7845779	1130
PLVDD06	330	57	70.88	663140	7846180	1139
BMGDD01	337	50	103.98	663555	7846434	1136
BMGDD02	330	46	139.93	663528	7846350	1134
SHDD01	340	47	97.88	664336	7847082	1146
BRDD01_0	332	52	158.03	664726	7845022	1166
BRDD03_0	325	57	172.88	664454	7844838	1166
HDD01	334	45	91.88	664988	7843497	1140
HDD02	330	45	112.88	665208	7843548	1142
JPT11TW	341	56	112.00	663442	7846307	1135
JPT13TW	328	48	214.98	662661	7845717	1132
DHJ7_2TW	335	71	95.03	664057	7846690	1139
Reverse Circu	ulation Drillh	ole coll	ars			
Hole Identifier	r Azimuth (°)	) Dip (°)	Drilled Length (m)	UTM Easting (m)	) UTM Northing (m)	UTM Elevation (m)
SHRC01	321	57	153	664332	7847065	1148
SHRC02	331	62	112	664399	7847115	1149
JPRC01	340	57	110	664200	7846886	1147
JPRC02	341	57	140	664175	7846847	1145
JPRC04	349	60	120	663884	7846717	1135
JPRC05	344	52	101	663785	7846502	1134
BMGRC01	336	59	97	663460	7846364	1136
PLVRC01	335	54	110	663267	7846237	1138
PLVRC05	336	53	160	662678	7845850	1133
PLVRC06	340	57	150	662484	7845743	1130
PLVRC07	340	56	120	662430	7845734	1129
PLVRC10	327	50	70	662417	7845771	1129
MPZRC01	326	50	35	666367	7845590	1185
MPZRC02	330	50	55	666379	7845571	1187
MPZRC03	329	51	40	666073	7845420	1166
MPZRC04	330	52	80	665928	7845276	1183
MPZRC05	329	51	29	665855	7845396	1176
MPZRC06	153	54	40	666279	7845474	1174
MPZRC07	331	49	65	665903	7845317	1186
MPZRC08	329	47	88	666004	7845341	1179
MPZRC09	327	50	60	666088	7845397	1166
MPZRC17	327	50	91	666314	7845671	1176
MPZRC17_3		50	146	666421	7845505	1188
MPZRC19_1		50	108	666507	7845542	1198
MPZRC22	154	48	115	666197	7845620	1168
MPZRC23	327	50	65	666534	7845687	1196
MPZRC24	327	50	67	665738	7845587	1155
BRRC01_0	331	55	92	664701	7845064	1166
BRRC2_0	331	56	108	664541	7844976	1170
BRRC3_0	326	56	115	664426	7844878	1165
200_0	323			3020		. 100

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FSKRC01	340	50	41	665198	7844904	1162
FORKCUI	340	50	41	003190	7 044904	1102
TRRC01	340	50	50	666066	7844148	1143
TRRC02	340	50	122	665990	7844038	1150
TRRC03	340	50	145	665892	7843981	1150
HDRC01	332	50	50	664825	7843416	1139
HDRC02	325	47	120	665171	7843599	1144

Table 6: RC and DD Drilling Collar and Survey Information

Glossary	G	ossa	rv
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Term Definition A geophysical exploration method in which a magnetometer, often mount Aero-magnetics measure variations in the Earth's magnetic field over a specific area. A process of analysing a sample to determine its composition, particularly Assay metal (e.g., gold) within it. The angle between the north direction and the projection of the line to a p Azimuth surveying. A type of control sample with a known low concentration of analyte, used Blank (Sample) contamination. A test method for determining gold content by using a rotating bottle and **Bottle Roll Assay** on-site in laboratories. Exploration activities conducted near or around an existing mine, contras

Brownfield Exploration Exploration activities conducted near or aroun unexplored areas.

Refers to a group of minerals containing the carbonate ion (CO?²?). In excarbonate signal the presence of hydrothermal systems, where hot fluids have deported.

Certified Reference Material (CRM)

A material or substance with a certified composition used to ensure the a analytical results.

Composite Sample

A sample made by combining individual samples from various sections to sample for analysis.

The total measured length of the sample core obtained from drilling, ofter

Core Length composition and structure.

Cut-off Grade The minimum grade or concentration of mineral that must be met for mat processing.

Diamond Drilling (DD)

A drilling technique using a diamond drill bit to retrieve core samples for quied for detailed exploration.

Down-the-Hole Survey

A measurement process to check the angle and path of a borehole as it i planned direction.

Duplicate Sample A second sample taken from the same source to verify the accuracy and End of Hole (E.O.H.) The final depth reached in a borehole or drilling operation.

Fire Assay

A traditional method to measure precious metal content by heating and n separation of metal content for analysis.

Grade (g/t)

The concentration of precious metal, typically measured in grams per ton indicator of mineral deposits.

Greenfield Exploration Exploration of new, previously untouched areas with no prior mining active deposits.

Lab Pulp Repeat (LPR)

A quality assurance process where lab samples are pulverized and analy results.

Magnetite An iron oxide mineral with the chemical formula Fe?O? and is known for Mineralised Zone A section of rock where minerals, especially economically valuable ones,

Motapa Exploration Program

An exploration project focused on the Motapa area, involving trenching, or identify and quantify mineral deposits.

Pyrite An iron sulphide mineral with the chemical formula FeS?. In mining exploration forms in the same hydrothermal environments that produce valuable min

Quality Assurance / Quality Control (QA/QC)

Procedures in place to ensure the reliability and accuracy of testing and a assay results.

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Reverse Circulation (RC) Drilling

A method of drilling that uses compressed air to bring rock cuttings to the retrieving a core.

Riffle Splitter

A device used in sampling to divide material into equal portions, helping of A fine-grained, mica-like mineral, typically a variety of muscovite or illite,

Sericite feldspar and other minerals.

Shear Zone A region of rock that has been deformed by shear forces, often associate

increased permeability and mineralization potential.

A region of rock where intense deformation has occurred due to the appli deep within the Earth's crust. This deformation often creates fractures, fa making these zones more permeable and, as a result, more conducive to

A mineral compound made of silicon and oxygen (SiO?). In mining exploragood indicator of mineralization, especially in hydrothermal systems.

A method of sampling in exploration where trenches are dug to expose b

and sampling.

The actual thickness of a mineralized zone, as opposed to the core lengt the angle of drilling.

Trench Sampling

True Width

Shear Zone

Silica

Cautionary Note Concerning Forward-Looking Information

Information and statements contained in this news release that are not historical facts are "forward-looking" information" within the meaning of applicable securities legislation that involve risks and uncertainties relating, but not limited, to Caledonia's current expectations, intentions, plans, and beliefs. Forward-looking information can often be identified by forward-looking words such as "anticipate", "believe", "expect", "goal", "plan", "target", "intend", "estimate", "could", "should", "may" and "will" or the negative of these terms or similar words suggesting future outcomes, or other expectations, beliefs, plans, objectives, assumptions, intentions or statements about future events or performance. Examples of forward-looking information in this news release include: our plans and timing regarding further exploration and drilling and development at Motapa. This forward-looking information is based, in part, on assumptions and factors that may change or prove to be incorrect, thus causing actual results, performance or achievements to be materially different from those expressed or implied by forward-looking information. Such factors and assumptions include, but are not limited to: failure to establish estimated resources and reserves, the grade and recovery of ore which is mined varying from estimates, success of future exploration and drilling programs, reliability of drilling, sampling and assay data, assumptions regarding the representativeness of mineralization being inaccurate, success of planned metallurgical test-work, capital and operating costs varying significantly from estimates, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, inflation, changes in exchange rates, fluctuations in commodity prices, delays in the development of projects and other factors.

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