

APPENDIX A: DETAILED RESERVES AND RESOURCE

Resources shown inclusive of Reserves	ON A 100% BASIS			ON AN ATTRIBUTABLE BASIS		
	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)
Houndé Mine (90% owned except 100% owned Golden Hill)						
Proven Reserves	2.5	1.15	91	2.2	1.15	82
Probable Reserves	49.6	1.59	2,542	44.7	1.59	2,288
P&P Reserves	52.1	1.57	2,633	46.9	1.57	2,369
Measured Resources	2.5	1.16	92	2.2	1.16	83
Indicated Resources	70.6	1.64	3,730	62.8	1.64	3,307
M&I Resources	73.1	1.63	3,821	65.0	1.62	3,390
Inferred Resources	11.9	1.73	662	11.3	1.74	632
Ity Mine (85% owned except 90% owned Le Plaque area)						
Proven Reserves	10.8	0.81	282	9.2	0.81	240
Probable Reserves	36.3	1.77	2,067	31.1	1.77	1,773
P&P Reserves	47.2	1.55	2,349	40.3	1.55	2,013
Measured Resources	11.3	0.80	291	9.6	0.80	247
Indicated Resources	78.2	1.68	4,231	66.7	1.68	3,619
M&I Resources	89.5	1.57	4,522	76.3	1.57	3,866
Inferred Resources	16.4	1.60	844	14.0	1.60	718
Sabodala-Massawa Complex (90% owned)						
Proven Reserves	17.6	1.04	589	15.8	1.04	530
Probable Reserves	35.5	2.55	2,904	31.9	2.55	2,613
P&P Reserves	53.1	2.05	3,492	47.8	2.05	3,143
Measured Resources	20.9	1.15	775	18.8	1.15	698
Indicated Resources	67.2	2.16	4,660	60.5	2.16	4,194
M&I Resources	88.2	1.92	5,436	79.4	1.92	4,892
Inferred Resources	9.1	1.87	545	8.2	1.87	491
Mana Mine (90% owned)						
Proven Reserves	2.1	2.81	191	1.9	2.81	172
Probable Reserves	7.6	2.96	719	6.8	2.96	647
P&P Reserves	9.7	2.93	910	8.7	2.93	819
Measured Resources	7.1	1.40	321	6.4	1.40	289
Indicated Resources	28.8	2.18	2,022	25.9	2.18	1,820
M&I Resources	35.9	2.03	2,342	32.3	2.03	2,108
Inferred Resources	7.6	3.47	851	6.9	3.47	766
Bantou (90% owned except 81% owned Karankasso)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	18.1	1.22	707	16.3	1.22	637
M&I Resources	18.1	1.22	707	16.3	1.22	637
Inferred Resources	16.2	2.24	1,167	13.4	2.28	986
Lafigué (80% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	49.8	1.69	2,714	39.9	1.69	2,171
P&P Reserves	49.8	1.69	2,714	39.9	1.69	2,171
Measured Resources	—	—	—	—	—	—
Indicated Resources	46.2	2.04	3,026	37.0	2.04	2,421
M&I Resources	46.2	2.04	3,026	37.0	2.04	2,421
Inferred Resources	1.6	1.98	102	1.3	1.98	82
Kalana Project (80% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	35.6	1.60	1,829	28.5	1.60	1,463
P&P Reserves	35.6	1.60	1,829	28.5	1.60	1,463
Measured Resources	—	—	—	—	—	—
Indicated Resources	46.0	1.57	2,318	36.8	1.57	1,854
M&I Resources	46.0	1.57	2,318	36.8	1.57	1,854
Inferred Resources	4.6	1.67	245	3.6	1.67	196

Resources shown inclusive of Reserves	ON A 100% BASIS			ON AN ATTRIBUTABLE BASIS		
	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)
Nabanga (90% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	—	—	—	—	—	—
M&I Resources	—	—	—	—	—	—
Inferred Resources	3.4	7.69	841	3.1	7.69	757
Assafou (100% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	70.9	1.97	4,494	70.9	1.97	4,494
M&I Resources	70.9	1.97	4,494	70.9	1.97	4,494
Inferred Resources	2.9	1.91	176	2.9	1.91	176
Total - Endeavour Mining						
Proven Reserves	33.0	1.09	1,152	29.1	1.09	1,022
Probable Reserves	214.4	1.85	12,775	182.9	1.86	10,956
P&P Reserves	247.4	1.75	13,927	212.0	1.76	11,978
Measured Resources	41.8	1.10	1,479	37.0	1.11	1,316
Indicated Resources	426.0	1.84	25,188	376.9	1.84	22,346
M&I Resources	467.8	1.77	26,667	413.9	1.78	23,662
Inferred Resources	73.7	2.29	5,433	64.6	2.31	4,804

Note: Reserves and Resources are shown for continuing operations. The mineral Reserves and Resources were estimated as at 31 December 2023 in accordance with the provisions adopted by the Canadian Institute of Mining Metallurgy and Petroleum (CIM) and incorporated into the NI 43-101. The Qualified Persons responsible for the mineral Reserve and Resource estimates are detailed in the following tables.

MINERAL RESOURCES

QUALIFIED PERSON	POSITION	PROPERTY/DEPOSIT
Kevin Harris, CPG	VP Resources, Endeavour Mining plc	Ity (Collin Sud, Le Plaque, Mont Ity/Walter, Bakatouo, ZiaNE, Verse Ouest-Teckraie, Aires, West Flotouo, Yopleu; Bakatouo NW, Verse East); Houndé (Dohoun, Kari Pump, Vindaloo), Sabodala-Massawa, Bantou, Assafou, Mana (Yaho, Fobiri, Yama), Nabanga
Helen Oliver, FGS, CGeol	Group Resource Geologist, Endeavour Mining plc	Houndé (Kari West, Kari Centre-Gap-South, Vindaloo South, Vindaloo Southeast, Dafra); Kalana (Kalanko), Mana (Maoula), Sabodala-Massawa (Bambaraya, Kiesta, Niakafiri East)
Joseph Hirst, FGS, CGeol.	Resource Geologist, Endeavour Mining plc	Mana (Wona-Kona UG, Siou UG)
Janine Fleming, SACNASP, GSSA	Senior Mineral Resource Manager, Endeavour Mining plc	Houndé (Golden Hill)
Mark Zammit, MAIG	Principal Consultant, Cube Consulting Pty Ltd	Ity (Daapleu, Gbeitouo)
Dr. Lucy Roberts, AusIMM (CP)	Principal Consultant, SRK Consulting (UK) Ltd	Fetekro (Lafigué)
Paul Blackney, MAusIMM, MAIG	Executive Consultant, Datamine Australia Pty. Ltd. (Snowden Optiro)	Kalana

MINERAL RESERVES

QUALIFIED PERSON	POSITION	PROPERTY/DEPOSIT
Salih Ramazan, FAusIMM	Vice President, Mine Planning, Endeavour Mining plc	Ity, Houndé and Sabodala-Massawa (OP)
Bryan Pullman, P.Eng	Principal Mining Engineer – Mining Advisory, SLR (UK)	Sabodala-Massawa (UG)
John R. Walker, FGS, FIMMM, FIQ	Technical Director, Mining Advisory, Mining Advisory SLR (UK)	Mana (UG)
Francois Taljaard, Pr.Eng	Principal Consultant, Mining Engineering, SRK Consulting (UK) Ltd	Fetekro (Lafigué)
Allan Earl, FAusIMM	Executive Consultant, Datamine Australia Pty. Ltd. (Snowden Optiro)	Kalana

- The mineral resources and mineral reserves have been estimated and reported in accordance with Canadian National Instrument 43-101, 'Standards of Disclosure for Mineral Projects' and the CIM Definition Standards adopted by CIM Council on 10 May 2014, as well as the CIM Estimation of Mineral Resources & Mineral Reserves Best Practice Guidelines as also adopted on 29 November 2019.
- Mineral resources that are not mineral reserves do not have demonstrated economic viability.
- All mineral resources are reported inclusive of mineral reserves.
- Tonnages are rounded to the nearest 100,000 tonnes; gold grades are rounded to two decimal places; ounces are rounded to the nearest 1,000oz. Rounding may result in apparent differences between tonnes, grade and contained metal.
- Tonnes and grade measurements are in metric units; contained gold is in troy ounces.
- Processing recoveries vary and are a function of many factors including: pit material types, mineralogy and chemistry of the ore. The overall average recoveries are around 89% at Sabodala, 90% at Houndé, 85% at Ity, and 88% at Mana. The average processing recoveries at the development projects is Lafigué at 95%, Kalana at 90% and Assafou at 90%.
- The three Golden Hill exploration permits held by Boss Minerals SARL, expired on 2 March 2021 and are non-renewable. The Company has applied for the granting of two of the three historical exploration permits under Birimian Resources SARL. As of 31 December 2023, both of the applications are still pending.
- The Assafou project is currently 100% owned. Ownership (and attributable Mineral Resource and Mineral Reserves) will change to 90% once an exploitation permit is granted.
- The reporting of mineral reserves and resources are based on a gold price as detailed below:

Au Price \$/oz	HOUNDÉ	ITY	MANA	SABODALA- MASSAWA	LAFIGUÉ	ASSAFOU	KALANA
2023 Reserves	1,300	1,300	1,300	1,300	1,300	—	1,500
2022 Reserves	1,300	1,300	1,300	1,300	1,300	—	1,500
2023 Resources	1,500	1,500	1,500	1,500	1,500	1,500	1,500
2022 Resources	1500	1,800 ¹	1,500	1,500	1,500	1,500	1,500

1. Golden Hill resources, within the Houndé mine resources were subject to deposit, calculated at a Gold Price between \$1,500 - \$1,800 per ounce.

Cut-off grades for the resources are as follows:

- a. Houndé: at 0.50g/t Au
- b. Ity at 0.50g/t Au
- c. Sabodala-Massawa: open pit from 0.31g/t to 1.00g/t Au. Underground from 2.00g/t to 2.84g/t Au
- d. Mana OP: open pit for oxide at 0.41g/t Au to 0.56g/t Au, for transitional 0.44g/t Au to 0.69 g/t Au, and sulphide at 0.72g/t Au to 2.54g/t Au
- e. Mana UG: Mineral Resources for Siou and Wona underground mines (72% of Mineral Resource) are reported within the constrained underground mineable shapes, generated at a cut-off grade of 2.0 g/t Au and reported above a cut-off of 1.8g/t Au for Siou and 2.0 g/t Au at Wona; the differential between the reported grade of 1.8 g/t Au and the constrained shape grade of 2.0 g/t Au contributes a non-material (2%) of additional ounces at Siou.
- f. Lafigué: oxide at 0.40g/t Au, transitional and fresh at 0.50g/t Au
- g. Kalana: all 0.50g/t Au
- h. Bantou: from 0.43g/t Au to 0.86g/t Au
- i. Nabanga: at 3.00g/t Au
- j. Golden Hill: from 0.49g/t to 0.55g/t Au
- k. Assafou: at 0.50 g/t Au

Cut-off grades for the reserves are as follows:

- a. Houndé: oxide: 0.50g/t Au to 0.70g/t Au; transitional: 0.50g/t Au to 0.80g/t Au; fresh: 0.50g/t Au to 0.60g/t except Mambo fresh 0.90g/t Au
- b. Ity: oxide: 0.50g/t Au to 0.60g/t Au; transitional: 0.40g/t Au to 0.90g/t Au; fresh: 0.40g/t Au to 0.90g/t Au
- c. Sabodala Open Pit WOLP: oxide: 0.60/t Au to 0.70g/t Au; transitional: 0.60g/t Au to 0.80g/t Au; fresh: 0.60g/t Au to 0.80g/t Au
- d. Sabodala Open Pit SLP: Oxide: NA; Transitional: NA; RedTran: 1.10g/t Au to 1.40g/t Au; fresh: 1.30g/t Au to 1.40g/t Au
- e. Sabodala UG: 2.82g/t Au
- f. Mana OP: Not Applicable
- g. Mana UG: Mineral Reserve estimation for both Wona and Siou, was based on the constrained underground shapes generated at a gold cut-off grade of 2.4 g/t, a gold price of USD 1300/oz, and the mine and mill production schedules
- h. Lafigué: 0.40g/t Au
- i. Kalana and Kalanako pits: oxide: 0.40g/t Au; transitional: 0.50g/t Au; fresh: 0.60g/t Au, 0.5g/tAu for TSF

RESERVES AND RESOURCES: YEAR-OVER-YEAR COMPARISON

	As at 31 December 2023			As at 31 December 2022		
	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)
<i>Resources shown on a 100% basis</i>						
Houndé Mine (90% owned except 100% owned Golden Hill)						
Proven Reserves	2.5	1.15	91	2.9	1.13	106
Probable Reserves	49.6	1.59	2,542	51.1	1.60	2,626
P&P Reserves	52.1	1.57	2,633	54.0	1.57	2,733
Measured Resources	2.5	1.16	92	3.0	1.13	110
Indicated Resources	70.6	1.64	3,730	90.4	1.57	4,567
M&I Resources	73.1	1.63	3,821	93.4	1.56	4,678
Inferred Resources	11.9	1.73	662	20.6	1.63	1,080
Ity Mine (85% owned except 90% owned Le Plaque area)						
Proven Reserves	10.8	0.81	282	11.4	0.82	300
Probable Reserves	36.3	1.77	2,067	46.5	1.82	2,721
P&P Reserves	47.2	1.55	2,349	57.9	1.62	3,021
Measured Resources	11.3	0.80	291	11.7	0.79	298
Indicated Resources	78.2	1.68	4,231	85.3	1.70	4,673
M&I Resources	89.5	1.57	4,522	97.0	1.59	4,971
Inferred Resources	16.4	1.60	844	17.1	1.59	873
Mana Mine (90% owned)						
Proven Reserves	2.1	2.81	191	—	1.85	1
Probable Reserves	7.6	2.96	719	8.3	3.19	852
P&P Reserves	9.7	2.93	910	8.3	3.20	853
Measured Resources	7.1	1.40	321	7.8	1.83	460
Indicated Resources	28.8	2.18	2,022	26.1	2.04	1,718
M&I Resources	35.9	2.03	2,342	33.9	2.00	2,177
Inferred Resources	7.6	3.47	851	2.9	3.48	326
Sabodala-Massawa Complex (90% owned)						
Proven Reserves	17.6	1.04	589	19.2	1.14	705
Probable Reserves	35.5	2.55	2,904	43.6	2.41	3,381
P&P Reserves	53.1	2.05	3,492	62.8	2.02	4,086
Measured Resources	20.9	1.15	775	22.3	1.18	843
Indicated Resources	67.2	2.16	4,660	83.8	2.04	5,490
M&I Resources	88.2	1.92	5,436	106.1	1.86	6,333
Inferred Resources	9.1	1.87	545	19.9	2.16	1,380
Bantou (90% owned except 81% owned Karankasso)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	18.1	1.22	707	18.1	1.22	707
M&I Resources	18.1	1.22	707	18.1	1.21	707
Inferred Resources	16.2	2.24	1,167	16.2	2.24	1,167
Lafigué (80% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	49.8	1.69	2,714	49.8	1.69	2,714
P&P Reserves	49.8	1.69	2,714	49.8	1.70	2,714
Measured Resources	—	—	—	—	—	—
Indicated Resources	46.2	2.04	3,026	46.2	2.04	3,026
M&I Resources	46.2	2.04	3,026	46.2	2.04	3,026
Inferred Resources	1.6	1.98	102	1.6	1.98	102

Resources shown on a 100% basis	As at 31 December 2023			As at 31 December 2022		
	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)	Tonnage (Mt)	Grade (Au g/t)	Content (Au koz)
Kalana Project (80% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	35.6	1.60	1,829	35.6	1.60	1,829
P&P Reserves	35.6	1.60	1,829	35.6	1.60	1,829
Measured Resources	—	—	—	—	—	—
Indicated Resources	46.0	1.57	2,318	46.0	1.57	2,318
M&I Resources	46.0	1.57	2,318	46.0	1.57	2,318
Inferred Resources	4.6	1.67	245	4.6	1.67	245
Nabanga (90% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	—	—	—	—	—	—
M&I Resources	—	—	—	—	—	—
Inferred Resources	3.4	7.69	841	3.4	7.69	841
Assafou (100% owned)						
Proven Reserves	—	—	—	—	—	—
Probable Reserves	—	—	—	—	—	—
P&P Reserves	—	—	—	—	—	—
Measured Resources	—	—	—	—	—	—
Indicated Resources	70.9	1.97	4,494	14.9	2.33	1,114
M&I Resources	70.9	1.97	4,494	14.9	2.33	1,114
Inferred Resources	2.9	1.91	176	32.9	1.80	1,903
Total - Endeavour Mining						
Proven Reserves	33.0	1.09	1,152	33.5	1.03	1,112
Probable Reserves	214.4	1.85	12,775	234.9	1.87	14,123
P&P Reserves	247.4	1.75	13,927	268.4	1.77	15,235
Measured Resources	41.8	1.10	1,479	44.8	1.19	1,711
Indicated Resources	426.0	1.84	25,188	410.8	1.79	23,613
M&I Resources	467.8	1.77	26,667	455.6	1.73	25,324
Inferred Resources	73.7	2.29	5,433	119.2	2.07	7,917

Note: Reserves and Resources are shown for continuing operations. Notes for the period ended 31 December 2023 are available in the section above. Notes for the period ended 31 December 2022 are available in the press release dated 17 March 2023 available on the Company's website and on SEDAR.