

APPENDIX 1: PRODUCTION AND AISC BY MINE

ON A QUARTERLY BASIS

		AGBAOU			TABAKOTO			ITY			KARMA			HOUNDE		
		Q3-2018	Q2-2018	Q3-2017	Q3-2018	Q2-2018	Q3-2017	Q3-2018	Q2-2018	Q3-2017	Q3-2018	Q2-2018	Q3-2017	Q3-2018	Q2-2018	Q3-2017
<i>(on a 100% basis)</i>																
Physicals																
Total tonnes mined – OP ¹	000t	6,942	7,801	7,576	912	1,296	1,098	867	1,096	1,191	3,027	4,934	3,637	9,894	9,361	-
Total ore tonnes – OP	000t	625	611	824	146	109	108	253	304	305	755	1,636	593	1,413	1,312	-
Open pit strip ratio ¹	W:t ore	10.11	11.77	8.19	5.25	10.89	9.13	2.43	2.61	2.90	3.01	2.02	5.13	6.00	6.13	-
Total tonnes mined – UG	000t	-	-	-	182	189	226	-	-	-	-	-	-	-	-	-
Total ore tonnes – UG	000t	-	-	-	143	143	179	-	-	-	-	-	-	-	-	-
Total tonnes milled	000t	669	727	770	433	423	392	326	308	312	981	838	720	1,006	982	-
Average gold grade milled	g/t	1.54	1.60	1.96	2.08	2.11	2.64	2.64	2.81	1.58	1.02	0.93	0.91	2.02	2.20	-
Recovery rate	%	94%	92%	93%	92%	92%	94%	78%	88%	74%	89%	78%	87%	94%	95%	-
Gold ounces produced	oz	31,248	33,653	46,326	26,456	26,819	31,602	20,993	25,000	11,727	26,064	21,024	21,005	60,736	66,873	-
Gold sold	oz	30,649	34,471	46,675	25,851	28,595	31,693	20,929	26,270	11,799	24,668	21,625	20,622	57,913	68,366	-
Unit Cost Analysis																
Mining costs - Open pit	\$/t mined	2.57	2.65	2.62	5.36	3.45	3.91	7.02	7.72	5.16	3.18	2.08	1.75	2.14	2.00	-
Mining costs – Underground	\$/t mined	-	-	-	85.92	68.32	75.79	-	-	-	-	-	-	-	-	-
Processing and maintenance	\$/t milled	7.77	7.54	7.08	22.45	17.76	20.83	14.70	16.81	14.75	8.46	10.50	11.25	12.71	11.41	-
Site G&A	\$/t milled	4.81	4.14	3.90	9.76	10.87	12.13	8.83	11.64	8.56	3.59	4.02	4.85	6.03	7.40	-
Cash Cost Details																
Mining costs - Open pit ¹	\$000s	17,826	20,698	19,829	4,884	4,465	4,295	6,087	8,462	6,142	9,626	10,267	6,378	21,180	18,717	-
Mining costs -Underground	\$000s	-	-	-	15,638	12,912	17,129	-	-	-	-	-	-	-	-	-
Processing and maintenance	\$000s	5,201	5,482	5,451	9,720	7,513	8,165	4,793	5,179	4,601	8,295	8,794	8,097	12,789	11,207	-
Site G&A	\$000s	3,220	3,013	3,006	4,224	4,599	4,753	2,877	3,584	2,672	3,526	3,372	3,492	6,062	7,264	-
Capitalized waste	\$000s	(3,239)	(3,772)	(1,092)	(4,260)	(3,268)	(2,527)	0	0	(541)	(3,502)	(1,431)	(1,491)	(2,617)	(5,919)	-
Inventory adjustments and other	\$000s	1,242	(595)	(1,622)	(2,859)	3,925	3,165	196	(436)	(1,863)	27	(4,090)	(260)	(7,377)	1,819	-
Cash costs for ounces sold	\$000s	24,250	24,826	25,571	27,349	30,146	34,980	13,953	16,789	11,011	17,972	16,912	16,216	30,037	33,088	-
Royalties	\$000s	1,358	1,638	2,080	1,865	2,237	2,426	952	1,165	697	1,761	1,703	2,068	4,222	5,748	-
Sustaining capital	\$000s	3,636	1,749	2,140	7,496	7,563	3,090	382	786	1,752	1,022	516	1,775	2,712	3,320	-
Cash cost per ounce sold	\$/oz	791	720	548	1,058	1,054	1,104	667	639	933	729	782	786	519	484	-
Mine-level AISC Per Ounce Sold	\$/oz	954	818	638	1,420	1,397	1,278	730	713	1,141	841	885	973	638	617	-

1) Includes waste capitalized

APPENDIX 1: PRODUCTION AND AISC BY MINE

ON A NINE MONTH BASIS

		AGBAOU		TABAKOTO		ITY		KARMA		HOUNDÉ	
		Sep. 30, 2018	Sep. 30, 2017	Sep. 30, 2018	Sep. 30, 2017	Sep. 30, 2018	Sep. 30, 2017	Sep. 30, 2018	Sep. 30, 2017	Sep. 30, 2018	Sep. 30, 2017
<i>(on a 100% basis)</i>											
Physicals											
Total tonnes mined – OP ¹	000t	22,695	20,884	4,048	4,536	3,534	4,968	11,777	11,596	29,564	-
Total ore tonnes – OP	000t	1,918	2,157	464	482	927	1,008	3,927	2,678	4,086	-
Open pit strip ratio ¹	W:t ore	10.83	8.68	7.72	8.40	2.81	3.93	2.00	3.33	6.20	-
Total tonnes mined – UG	000t	-	-	573	790	-	-	-	-	-	-
Total ore tonnes – UG	000t	-	-	437	599	-	-	-	-	-	-
Total tonnes milled	000t	2,122	2,146	1,297	1,204	991	822	3,060	2,526	2,886	-
Average gold grade milled	g/t	1.53	2.09	2.24	3.16	2.52	1.85	0.94	1.08	2.26	-
Recovery rate	%	93%	94%	92%	94%	79%	85%	80%	85%	95%	-
Gold ounces produced	oz	96,975	133,752	85,642	115,878	64,258	41,739	75,274	76,880	201,390	-
Gold sold	oz	98,679	133,378	85,809	116,895	64,729	43,372	74,792	76,361	200,479	-
Unit Cost Analysis											
Mining costs - Open pit	\$/t mined	2.71	2.49	3.51	3.65	6.33	3.18	2.50	1.84	1.90	-
Mining costs – Underground	\$/t mined	-	-	74.99	63.98	-	-	-	-	-	-
Processing and maintenance	\$/t milled	7.70	7.19	19.55	20.79	15.35	15.35	8.76	9.02	11.71	-
Site G&A	\$/t milled	4.48	4.09	9.99	10.92	9.39	9.36	3.47	4.36	6.79	-
Cash Cost Details											
Mining costs - Open pit ¹	\$000s	61,397	52,063	14,222	16,576	22,379	15,815	29,456	21,391	56,200	-
Mining costs -Underground	\$000s	-	-	42,969	50,541	-	-	-	-	-	-
Processing and maintenance	\$000s	16,343	15,426	25,353	25,030	15,208	12,619	26,815	22,796	33,790	-
Site G&A	\$000s	9,496	8,769	12,952	13,150	9,305	7,697	10,626	11,002	19,610	-
Capitalized waste	\$000s	(14,961)	(1,960)	(11,101)	(12,595)	0	(2,376)	(7,291)	(1,970)	(10,191)	-
Inventory adjustments and other	\$000s	(2,104)	(2,086)	2,260	9,224	(3,383)	(723)	(3,151)	(259)	(11,084)	-
Cash costs for ounces sold	\$000s	70,171	72,211	86,655	101,926	43,509	33,032	56,455	52,960	88,325	-
Royalties	\$000s	4,830	5,894	6,576	8,729	3,036	2,110	5,975	6,233	16,889	-
Sustaining capital	\$000s	7,688	6,401	21,303	16,185	2,006	4,763	2,202	2,739	6,032	-
Cash cost per ounce sold	\$/oz	711	541	1,010	872	672	762	755	694	441	-
Mine-level AISC Per Ounce Sold	\$/oz	838	634	1,335	1,085	750	920	864	811	555	-

1) Includes waste capitalized