

16 November 2018

## VERY HIGH-GRADE BAUXITE TREND AT MINIM MARTAP

### HIGHLIGHTS:

- Very high-grade bauxite trend identified within the existing bauxite resource at the Minim Martap project, Cameroon.
- Previous drilling across three plateaux in the very high-grade trend defined a Resource of 145.1MT at 49.09% Al<sub>2</sub>O<sub>3</sub> (total) & 2.35% SiO<sub>2</sub> (total).
- Canyon will commence drilling in November on the high-grade plateau targeting high grade ore with low total silica.
- Additional drilling on the high grade plateaux within the identified trend will target a resource of over 200MT at over 50% Al<sub>2</sub>O<sub>3</sub>.

Canyon Resources Ltd (ASX: CAY) is pleased to announce it has identified a cluster of very high-grade, low contaminant bauxite at its Minim Martap Project in Cameroon, central Africa.

The trend is along a NE/SW orientated corridor in the north-western quadrant of the Minim Martap Project. The high-grade plateaux follow a distinct lineation visible throughout the Minim Martap and Makan permits, extending into the southern area of the permits. Canyon believes there is potential for a substantial upgrade to the high-grade portion of the Minim Martap resource as less than 30% of the bauxite plateaux within the identified corridor have been tested to date.

**Table 1** below highlights the results from the very high grade plateaux within the Resource previously published on 9 August 2018 as JORC 2004 compliant which was subsequently upgrade to JORC 2012 compliant on 20 September 2018 (**Tables 2 & 3**).

**Table 1: Minim Martap Very High-Grade Plateaux Resource JORC (2012)**

Plateau	Thickness	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	Tonnes
Raymonde	9.1	49.2%	19.0%	2.1%	4.2%	73,537,378
Beatrice	7.3	50.8%	16.4%	2.7%	3.9%	37,093,601
Agnes	8.3	47.0%	22.1%	2.5%	3.6%	34,493,143
<b>Total (W Av)</b>		<b>49.09%</b>	<b>19.22%</b>	<b>2.35%</b>	<b>4.00%</b>	
<b>Total (T)</b>						<b>145,124,122</b>

Canyon's Chief Geologist Dr Alexander Shaw stated, "Following detailed analysis of remote sensing imagery, the previous drilling and field mapping in the north-western and western part of the Minim Martap permit, we have identified a very exciting high-grade bauxite trend with a distinct NE/SW-orientated lineation extending throughout the licence area. (**Figure 1**)

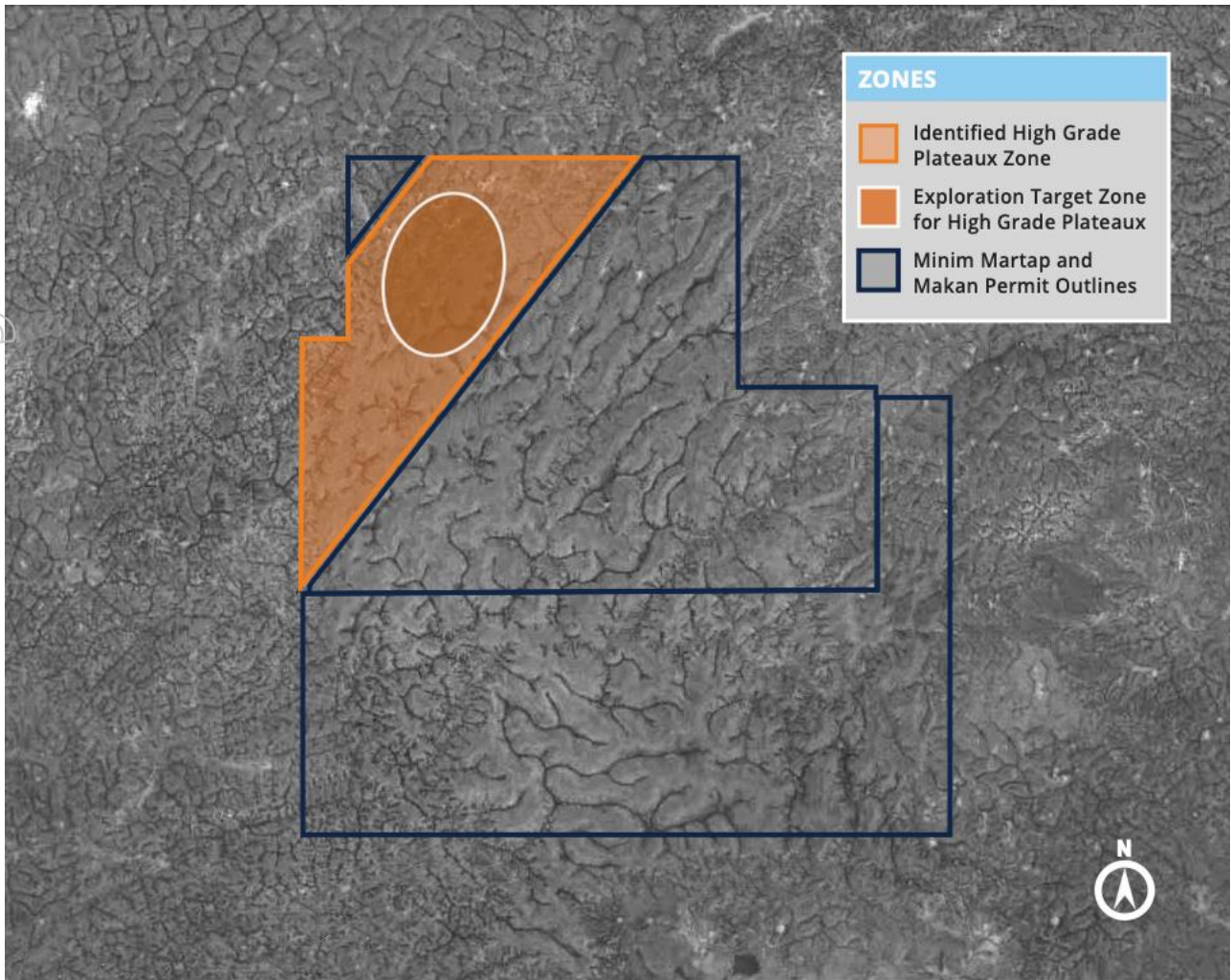


Figure 1: Minim Martap high-grade bauxite plateaux trend location.

*"We have identified three high-grade bauxite plateaux within the corridor and there is significant potential to identify additional high-grade plateaux along this highly prospective trend.*

*We are planning to commence drilling with Canyon's own drilling rig to test this as soon as possible. Drilling will be on going for the remainder of the dry season, which in this part of Cameroon, is expected to end in July 2019.*

#### **ADVANCING THE MINIM MARTAP PROJECT**

Canyon's immediate areas of focus to advance the Minim Martap project as quickly as possible are as follows:

- The commencement of drilling and pitting campaigns on the very high-grade plateaux trends to increase the scale and upgrade the categorisation of the existing bauxite resource. The initial drilling campaign is designed to produce a bauxite resource of more than 200MT at greater than 50% Al<sub>2</sub>O<sub>3</sub> and with very low silica.
- Completing initial local community and stakeholder consultation on the impending drilling and exploration campaigns.
- Following up local community engagement and mapping of significant and sacred sites in the area.
- Completing the initial review and assessment of the existing rail line and potential new rail corridor to the Kribi port with the Company's infrastructure partners.
- Completing the initial on-ground environmental survey.

## PROJECT BACKGROUND

The Minim Martap Project is in the Adamawa region of Cameroon, alongside Canyon’s existing Birsok Bauxite Project. The Minim Martap Project encompasses two deposits, the Nguoundal and Minim Martap deposits, which are within 25km of each other. The total area of the permits is 1,349km<sup>2</sup>.

The three exploration permits are valid for a three-year period and contain several predefined work commitments that are consistent with the Company’s development proposal.

Previous work completed by Canyon Resources on the contiguous Birsok Project, sometimes sharing plateaux with the Minim Martap Project, has given the Company a strong understanding of the physical and geochemical characteristics of the local bauxite. The bauxite is generally high alumina, low total and reactive silica, high gibbsite, low boehmite and low on other contaminants.

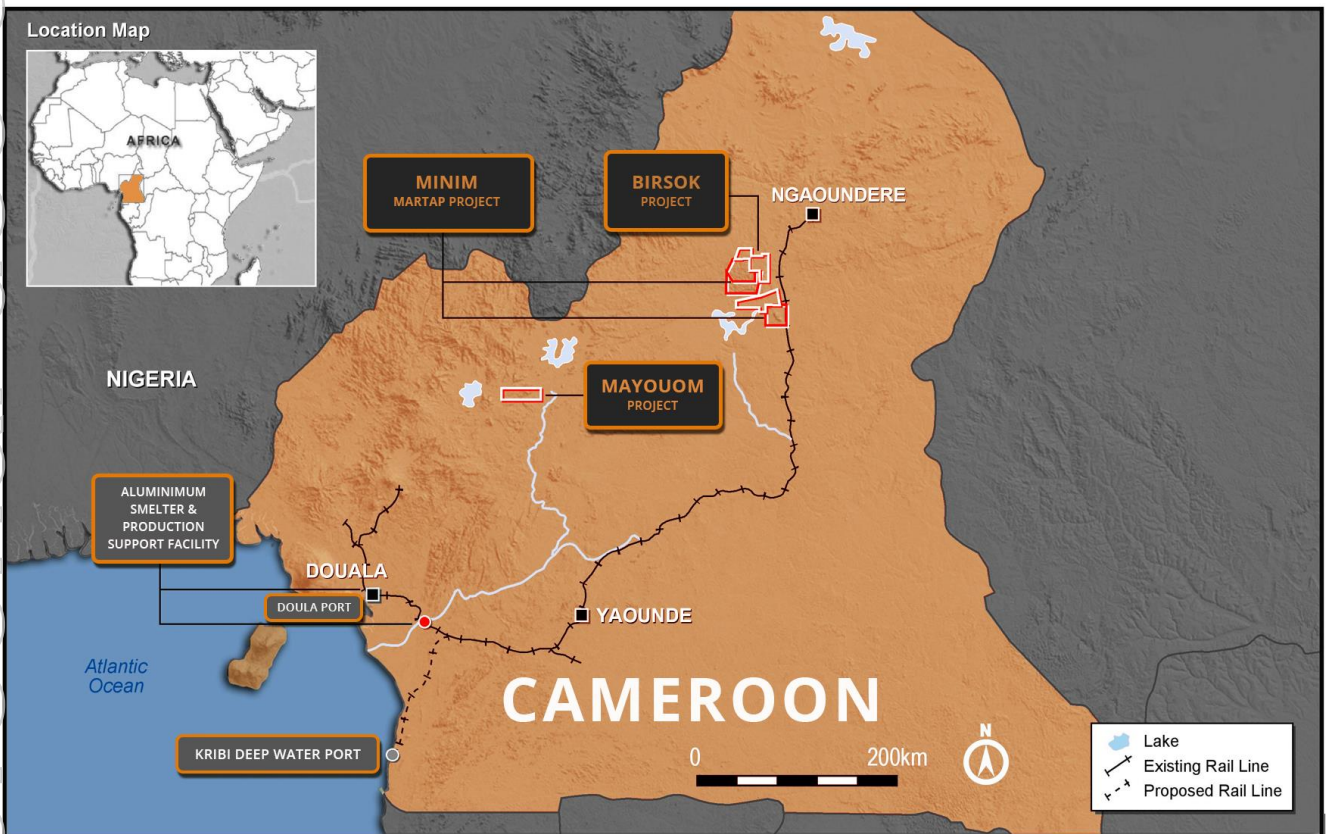


Figure 2: Location of the Minim Martap & Birsok Bauxite Projects & the Mayouom Kaolin Project

Table 2: Minim Martap Mineral Resource JORC (2012) Table

Resource Class	Tonnes (million)	Total Al <sub>2</sub> O <sub>3</sub> (average)	Total SiO <sub>2</sub> (average)	Permit	No of Plateaux
Indicated	88	41.8%	1.3%	Ngaoundal	3
Inferred	466	46.2%	2.2%	Minim Martap	11
<b>Total</b>	<b>550</b>	<b>45.5%</b>	<b>2.06%</b>		<b>14</b>



**Table 3: Minim Martap Project Mineral Resources Per Bauxite Plateau**

(In situ, mining dilution and waste not considered)

Plateau	GPS Area m <sup>2</sup>	THICK m	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	LOI	Auger Factor	Density	Volume m <sup>3</sup>	Tonnes	Auger Corrected Tonnes	Mine Cumulative Tonnes	Cumulative Grades	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> AV	SiO <sub>2</sub> r
Danielle	7397117	8.6	44.8	23.3	1.6	4.5	24.8	0.977	1.8	63,772,748	114,790,946	112,150,754	112,150,754		44.79	23.26	1.57	4.52	24.77	41.46	1.06
Matilde	2071551	7.8	45.3	21.5	3.1	3.9	24.8	0.902	1.8	16,204,514	29,168,125	26,309,649	138,460,403		44.90	22.92	1.87	4.41	24.77	41.58	1.26
Simone	1985832	15.5	41.8	29.9	1.3	3.8	22.5	1.000	1.8	30,706,337	55,271,406	55,271,406	193,731,810		44.02	24.91	1.70	4.23	24.11	40.57	1.14
Alice	1908601	9.2	47.2	19.9	1.8	4.1	26.0	0.900	1.8	17,604,516	31,688,129	28,519,316	222,251,125		44.43	24.28	1.72	4.22	24.35	41.04	1.16
Judith	804161	15.4	42.0	29.4	1.4	3.9	22.5	1.000	1.8	12,396,771	22,314,188	22,314,188	244,565,313		44.20	24.74	1.68	4.19	24.18	40.78	1.13
Eulalie	1050734	7.5	41.7	28.3	2.7	3.6	22.3	0.900	1.8	7,838,865	14,109,957	12,698,961	257,264,274		44.08	24.92	1.73	4.16	24.09	40.64	1.17
Aurélie	891131	7.3	46.7	19.9	3.2	4.0	24.3	0.900	1.8	6,507,707	11,713,872	10,542,485	267,806,760		44.18	24.72	1.79	4.16	24.10	40.76	1.21
Bridget	396146	14.7	41.3	29.4	0.9	4.2	23.1	1.000	1.8	5,812,193	10,461,948	10,461,948	278,268,707		44.07	24.90	1.76	4.16	24.06	40.63	1.19
Yolande	2102573	8.3	46.0	23.7	2.3	3.9	23.7	0.900	1.8	17,400,660	31,321,188	28,189,069	306,457,776		44.25	24.78	1.81	4.14	24.03	40.84	1.22
Raymonde	4499695	9.1	49.2	19.0	2.1	4.2	25.0	0.905	1.8	40,854,099	73,537,378	66,551,327	373,009,103		45.13	23.75	1.86	4.14	24.21	41.85	1.26
Gilberte	2726681	8.2	42.7	26.1	3.1	3.8	22.4	0.900	1.8	22,407,785	40,334,012	36,300,611	409,309,714		44.92	23.96	1.97	4.11	24.05	41.60	1.33
Agnes	2319116	8.3	47.0	22.1	2.5	3.6	24.0	0.900	1.8	19,162,857	34,493,143	31,043,829	440,353,543		45.06	23.83	2.00	4.08	24.05	41.77	1.36
Beatrice	2814530	7.3	50.8	16.4	2.7	3.9	25.0	0.900	1.8	20,607,556	37,093,601	33,384,241	473,737,784		45.46	23.30	2.05	4.06	24.12	42.23	1.39
Gregorine	4680501	10.7	45.3	25.5	2.0	3.5	23.2	0.900	1.8	49,849,375	89,728,876	80,755,988	554,493,772		45.44	23.62	2.04	3.99	23.99	42.20	1.38

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## COMPETENT PERSON STATEMENT

*The information in this document that relates to previous exploration results is based upon information from the report titled Minim Martap-Ngaoundal Bauxite Deposit Exploration Program and Resource Assessment by SRK Consulting (Australasia), September 2009 and available data compiled by Dr Alexander Shaw, Chief Geologist of Canyon Resources Ltd. Dr Shaw is a Member of the Australian Institute of Geoscientists (AIG) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Dr Shaw consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.*

## FORWARD LOOKING STATEMENTS

*All statements other than statements of historical fact included on this website including, without limitation, statements regarding future plans and objectives of Canyon, are forward-looking statements. When used in this announcement, forward-looking statements can be identified by words such as 'anticipate', 'believe', 'could', 'estimate', 'expect', 'future', 'intend', 'may', 'opportunity', 'plan', 'potential', 'project', 'seek', 'will' and other similar words that involve risks and uncertainties.*

*These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that are expected to take place. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management of Canyon that could cause Canyon's actual results to differ materially from the results expressed or anticipated in these statements.*

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