

22 October, 2018

AVENIRA RECEIVES EXPLOITATION PERMIT FOR BAOBAB PHOSPHATE PROJECT

HIGHLIGHTS

- **Baobab Exploitation Permit granted by the Government of Senegal**
- **Permit valid for a 20-year renewable term and covers a 75 km² area**
- **Within the Permit Area, Indicated Resource estimated at 41.8 million tonnes at 19.4% P₂O₅ and Inferred Resource estimated at 247 million tonnes at 16% P₂O₅, both at a 10% P₂O₅ cut-off grade**
- **Major Baobab Expansion and Upgrade Project milestone**
- **Key step for Avenir's ongoing Feasibility Study**

Avenir Limited ('Avenir' or the 'Company') (ASX: AEV) is pleased to announce that Baobab Mining and Chemicals Corporation S.A. ('BMCC'), an 80%-owned subsidiary of the Company, has received a Senegalese Government Exploitation Permit ('Permit') for the Gadde Bissik area within its Baobab Phosphate Project in the Republic of Senegal. The permit was granted by Presidential Decree.

Avenir's Managing Director and CEO Louis Calvarin said, "The grant of this Exploitation Permit is a major milestone for our Baobab Expansion and Upgrade investment project. Receiving the permit underpins all future steps including funding the project implementation, and increases our Company's Feasibility Study momentum. I would like to thank the Government of Senegal and the Baobab project team for all their work and support reaching this point."

The Permit covers an area of 75 km² around the former Gadde Bissik Small Mine Permit (see Figures 1 and 2 below) and is valid for an initial renewable period of 20 years.

Following the restructuring triggered by this Permit grant, the Senegalese Government will hold a 10% free-carried interest in the legal entity owning the Permit, and the new structure will be exempt from paying certain taxes. The new Permit covers the area identified by Avenir as offering the best economic potential for commercial phosphate rock mining. It surrounds the Small Mine operation launched by Avenir through BMCC in 2016.

This Permit approval is a major milestone for Avenir's Baobab Feasibility Study, currently projected to complete in the December 2018 quarter (Class 4 estimate with a ±20% targeted accuracy). Following this, Avenir intends to initiate a "Bankable" Feasibility Study phase (Class 3 estimate with a ±10% targeted

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accuracy) based on the project configuration set at the conclusion of the Feasibility Study, aiming at a June 2019 quarter completion.

The Indicated Mineral Resource within the Permit area is estimated at 41.8 million tonnes at 19.4% P_2O_5 at a cut-off grade of 10% P_2O_5 , and the Inferred Mineral Resource within the Permit area is estimated at 247 million tonnes at 16.0% P_2O_5 at a cut-off grade of 10% P_2O_5 , both taking into account depletion by mining to date (see Table 1). The figures in Table 1 are rounded to reflect the precision of estimates and include rounding errors.

The estimated Indicated Mineral Resource and estimated Inferred Mineral Resource within the Permit area represent 99% of the total estimated Indicated Mineral Resource and 77% of the total estimated Inferred Mineral Resource, respectively, within the Company's Baobab Project Cherif Lo-Ngakham exploration permit as identified in the Company's most recent Mineral Resources estimates ^[1].

BAOBAB PROJECT RESOURCE TABLE									
Cut-off grade 10% P ₂ O ₅									
Area	Deposit	Classification	Mt	P ₂ O ₅ %	CaO%	MgO%	Al ₂ O ₃ %	Fe ₂ O ₃ %	SiO ₂ %
Within Exploitation Permit	Gadde Bissik East	Indicated	41.8	19.4	26.8	0.08	2.23	3.87	44.0
		Inferred	136	16	22	0.17	3.4	4.0	51
	Gandal	Inferred	31	15	21	0.10	4.3	7.9	46
	Gadde Escale	Inferred	80	16	23	0.15	2.4	3.0	52
	Subtotal within Exploitation Permit	Indicated	41.8	19.4	26.8	0.08	2.23	3.87	44.0
		Inferred	247	16	22	0.16	3.2	4.1	50
Outside Exploitation Permit	Gadde Bissik East	Indicated	0.3	16.4	22.3	0.17	3.96	3.76	48.7
		Inferred	9	16	22	0.19	4.2	3.3	50
	Gadde Bissik West	Inferred	26	13	17	0.35	6.7	7.0	48
	Gandal	Inferred	1	14	19	0.06	2.5	6.9	54
	Gadde Escale	Inferred	2	15	21	0.32	2.9	4.6	51
	Dinguiraye	Inferred	35	17	25	0.24	3.4	3.7	46
	Subtotal outside Exploitation Permit	Indicated	0.3	16.4	22.3	0.17	3.96	3.76	48.7
		Inferred	73	15	21	0.27	4.7	4.9	48
Total Resource		Indicated	42.1	19.4	26.8	0.08	2.24	3.87	44.0
		Inferred	320	16	22	0.18	3.5	4.3	50

Table 1 - Estimated Mineral Resource within Permit, at 10% P_2O_5 Cut-off grade ^[2]

Louis Calvarin
Managing Director and CEO

Brett Clark
Chairman

^[1] See *Company Announcement* dated February 5, 2018

^[2] *Ibid.*

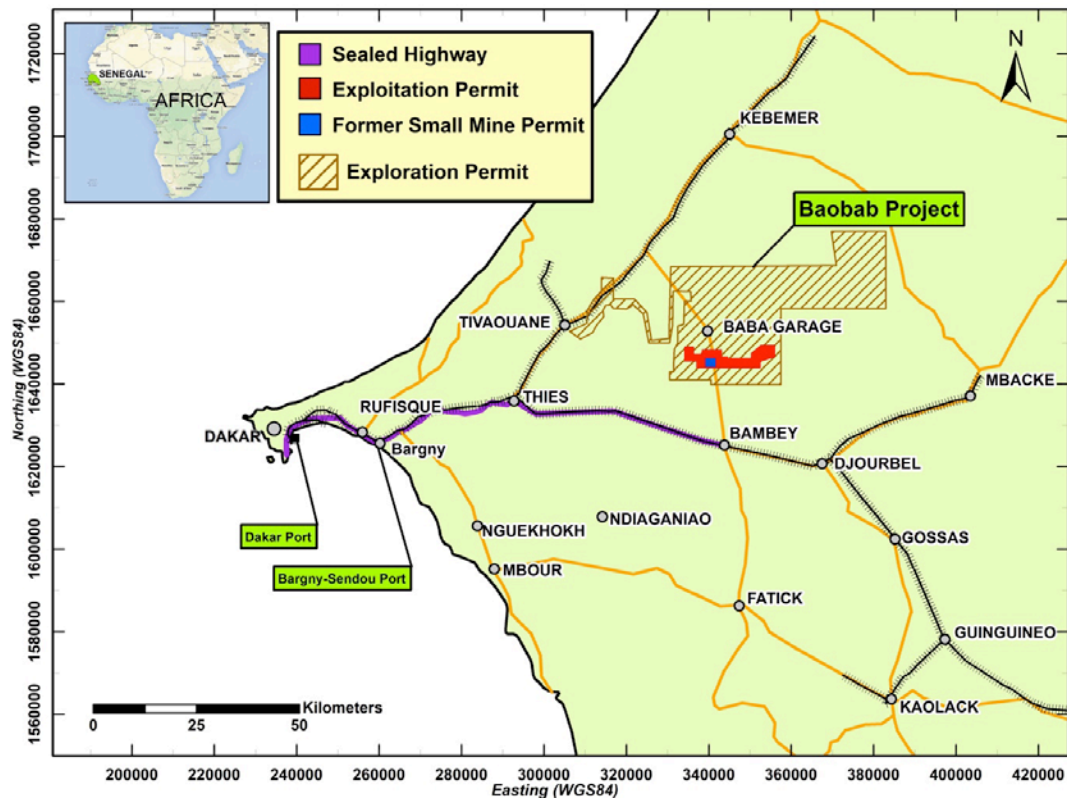


Figure 1 - Baobab Project location map

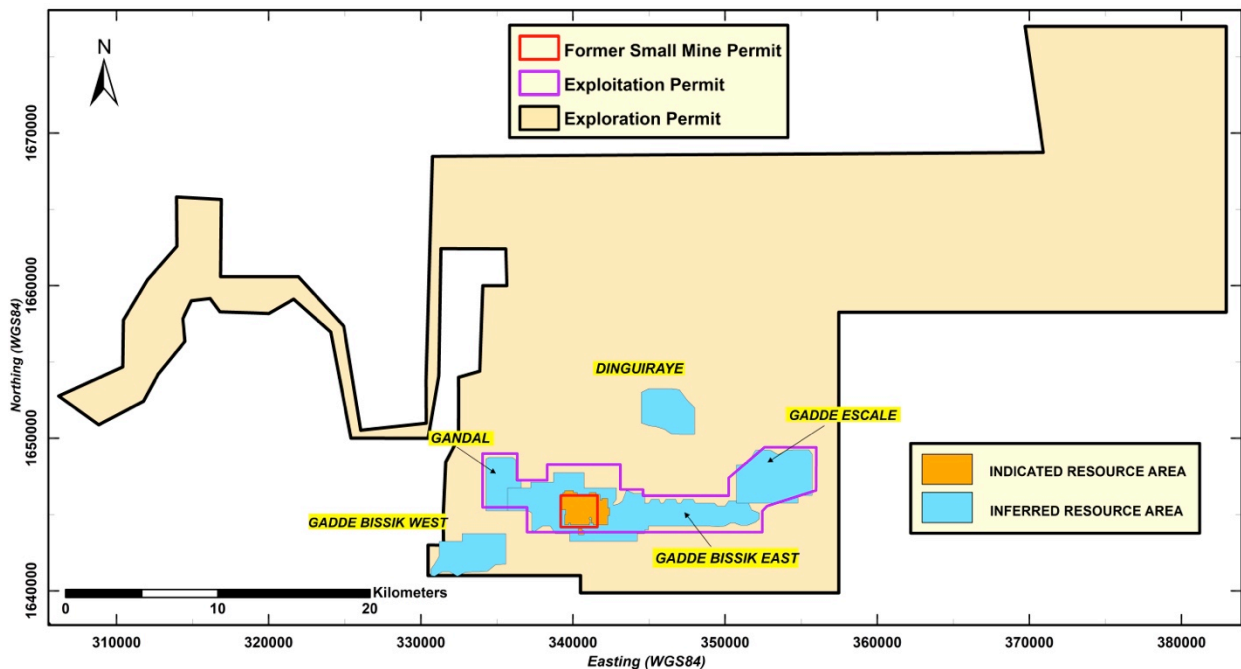


Figure 2 - Exploitation permit area, exploration permit area and resource outlines.

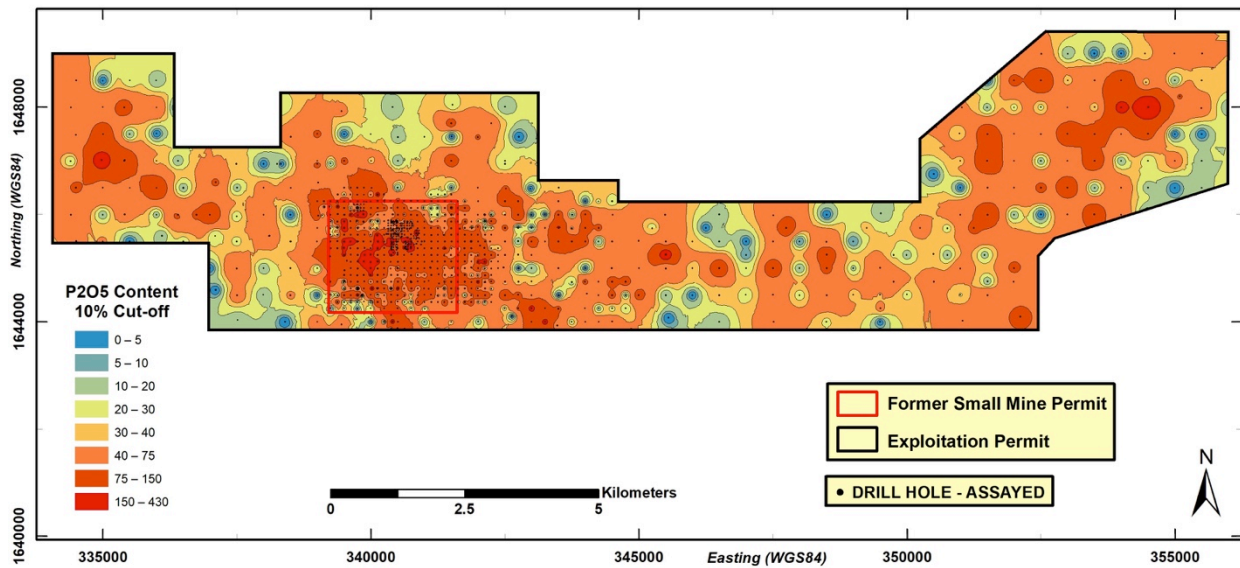


Figure 3 - 75 km² Permit Area showing modelled P₂O₅ Content (P₂O₅ Average Grade x Ore Thickness). Modelled with ArcGis software using the Inverse Distance Weight method. Modelling is for indicative purposes to illustrate the interpreted distribution of phosphate within the Exploitation Permit based on drilling data to date. Future drilling may alter the interpretation. Latest Mineral Resource estimates are detailed in Company announcement dated February 5, 2018.

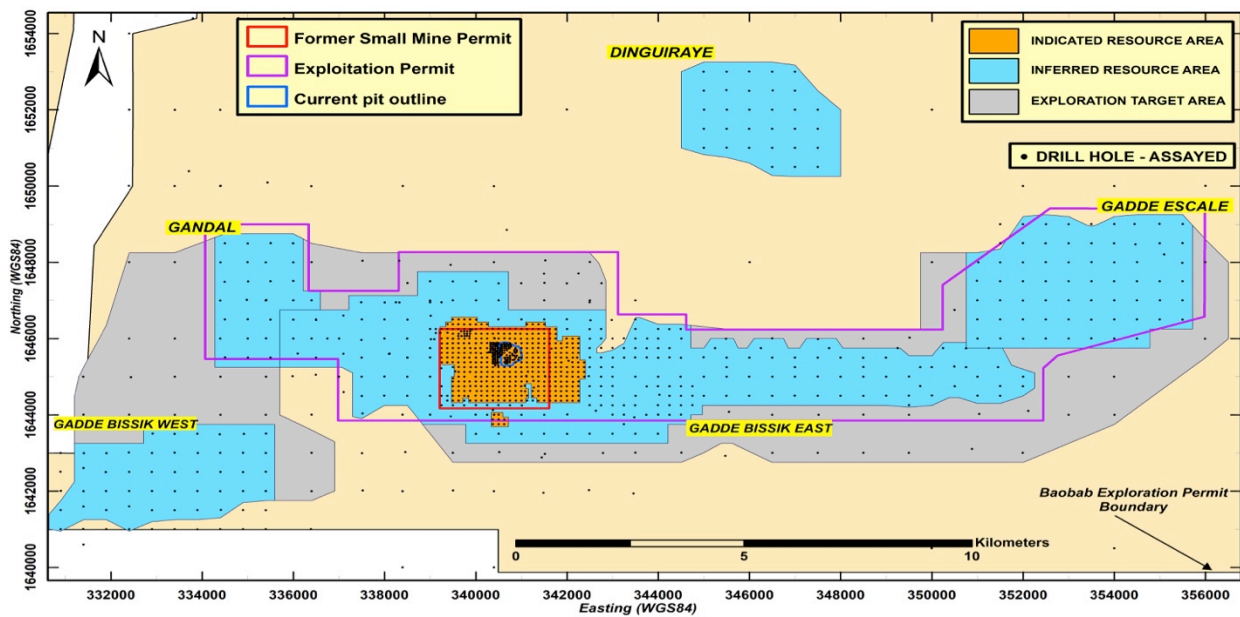


Figure 4 – Resource location plan.

Exploration Target area note: an area of less densely-spaced drilling peripheral to the current Inferred Resource areas is categorised as an Exploration Target with an estimated tonnage of around 30 million tonnes to 60 million tonnes at approximately 16 to 20% P₂O₅. The potential quantities and grades are conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain that future exploration will result in estimation of a Mineral Resource.



About Avenira Limited

Avenira Limited (ASX: AEV) is a phosphate rock mining company with a vision to develop a portfolio of agricultural minerals and production assets that will build long term shareholder value by supplying to the world the agricultural nutrients critical to global food security.

Our flagship asset is the 80% owned Baobab Phosphate Project located in Senegal, West Africa. During the 2017 calendar year, the Company has established its strategic plan for the Baobab Project, focused first on a major expansion and upgrade of the beneficiation plant at Baobab's Gadde Bissik mine to bring it to a profitable higher operational level, and subsequently on implementing next-step investments towards its longer-term objective of downstream integration.



Phosphate Concentrate Production



Gadde Bissik Pit 1

Under the plan to expand and upgrade the existing ore beneficiation unit the Company engaged engineering firm Hatch to conduct a conceptual study which delivered positive results detailed in the Company's announcement of 17 October 2017. Following the positive conceptual study and successful completion of its Entitlement Offer and Placement capital raising, the Company has embarked on the next phases of its strategic plan, to include more detailed engineering work on a broader expansion project scope, no longer limited to the ore beneficiation battery limits, as well as approvals and financing. The Company has appointed Wood Group PLC as the lead engineering consultants.

The Company also owns approximately 7% interest in JDCPhosphate Inc., a private company in the USA focused on the development of the Improved Hard Process (IHP), a potentially game-changing proprietary high-grade phosphoric acid production technology. Avenira has exclusive license rights to use the IHP in Australia and Senegal once commercially proven.

The Company's other asset is the 100% owned Wonarah Phosphate Project in the Northern Territory. The project forms part of the Company's long-term strategy and will be enabled by the IHP process. Wonarah is one of the largest known phosphate deposits in Australia.

For further information on the company please refer to the company's website at www.avenira.com.



Compliance Statement

Information in this report relating to Exploration Results or estimates of Mineral Resources or Ore Reserves has been extracted from the reports listed below. The reports are available to be viewed on the company website at: www.avenira.com

Baobab Project:

27 April 2015: Minemakers to acquire a potential near-term production rock phosphate project in the Republic of Senegal
11 May 2015: Minemakers delivers maiden Inferred Resource for Baobab Rock Phosphate Project in Republic of Senegal
22 September 2015: Baobab project update
7 December 2015: Maiden Indicated Mineral Resource at Baobab Phosphate Project
21 January 2016: Technical Report Mineral Resource Estimation for the Gadde Bissik Phosphate Deposit, Republic of Senegal
28 October 2016: September 2016 Quarterly activities report
23 February 2017: Baobab exploration results update
2 March 2017: Significant increase to Indicated Mineral Resource at Baobab Phosphate Project.
9 June 2017: Company Update (Strategic Plan)
31 July 2017: June 2017 Quarterly Activities Report
11 September 2017: Baobab Exploration Results Update
12 October 2017: Mineral Resource increase at Baobab Phosphate Project
5 February 2018: Mineral Resource Increase at Baobab Phosphate Project

Wonarah Project:

15 March 2013: Technical Report Mineral Resource Estimation for the Wonarah Phosphate Project, Northern Territory, Australia
30 April 2014: Quarterly activities report

The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Cautionary Statement Regarding Forward-Looking Information

All statements, trend analysis and other information contained in this document relative to markets for Avenira trends in resources, recoveries, production and anticipated expense levels, as well as other statements about anticipated future events or results constitute forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions. Forward-looking statements are subject to business and economic risks and uncertainties and other factors that could cause actual results of operations to differ materially from those contained in the forward-looking statements. Forward-looking statements are based on estimates and opinions of management at the date the statements are made. Avenira does not undertake any obligation to update forward-looking statements even if circumstances or management's estimates or opinions should change. Investors should not place undue reliance on forward-looking statements.