

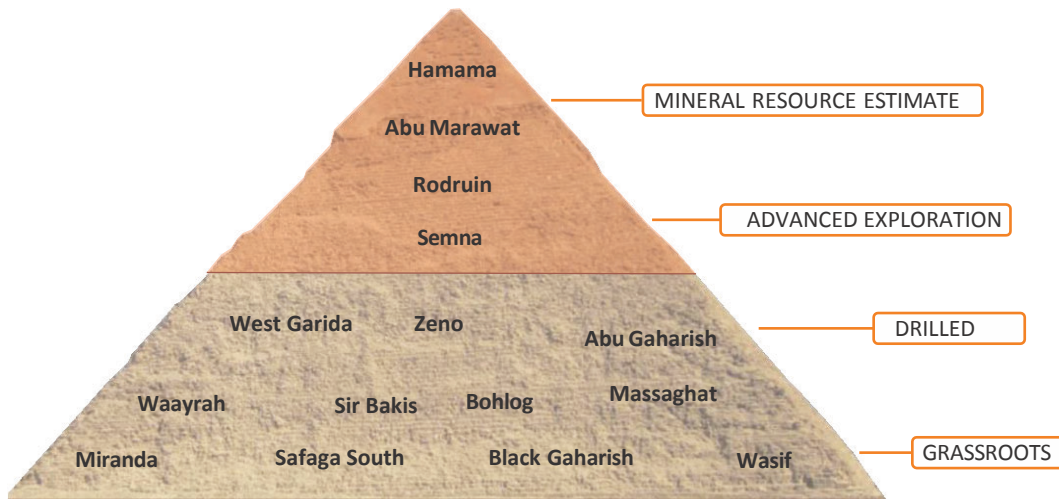


AAN : TSX-V

Jan 2024

Aton Resources Inc. (AAN: TSX-V) is focused on its 100% owned Abu Marawat Concession (“Abu Marawat”), located in Egypt’s Arabian-Nubian Shield, approximately 200 km north of Centamin’s world-class Sukari gold mine. Aton has identified numerous gold and base metal exploration targets at Abu Marawat, including the Hamama deposit in the west, the Abu Marawat deposit in the northeast, and the advanced Rodruin exploration prospect in the south of the Concession. Two historic British gold mines are also located on the Concession at Sir Bakis and Semna. Aton has identified several distinct geological trends within Abu Marawat, which display potential for the development of a variety of styles of precious and base metal mineralisation. Abu Marawat is 447.7 km² in size and is located in an area of excellent infrastructure; a four-lane highway, a 220kV power line, and a water pipeline are in close proximity, as are the international airports at Hurghada and Luxor.

PROJECT PIPELINE



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Director
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Director
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ADVISORS

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David Laing

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Ahmed El Mehelmy

Class	Deposit	Tonnes (Mt)	Grade				Contained Metal				
			Au g/t	Ag g/t	Cu %	Zn %	Au koz	Ag koz	AuEq koz	Cu Mlbs	Zn Mlbs
Inferred	Abu Marawat	2.88	1.75	29.30	0.77	1.15	162	2,713	-	49	73
	Hamama West	8.21	0.87	29.88	-	-	229	7,837	341	-	-
Indicated	Hamama West	3.80	0.72	27.60	-	-	88	3,376	137	-	-
Total		14.89	1.00	29.09	0.77	1.15	479	13,926	478	49	73

Abu Marawat Concession - mineral resources (June 2022)



Horizontal diamond drilling at Rodruin

District-scale potential in the world's last gold mining frontier

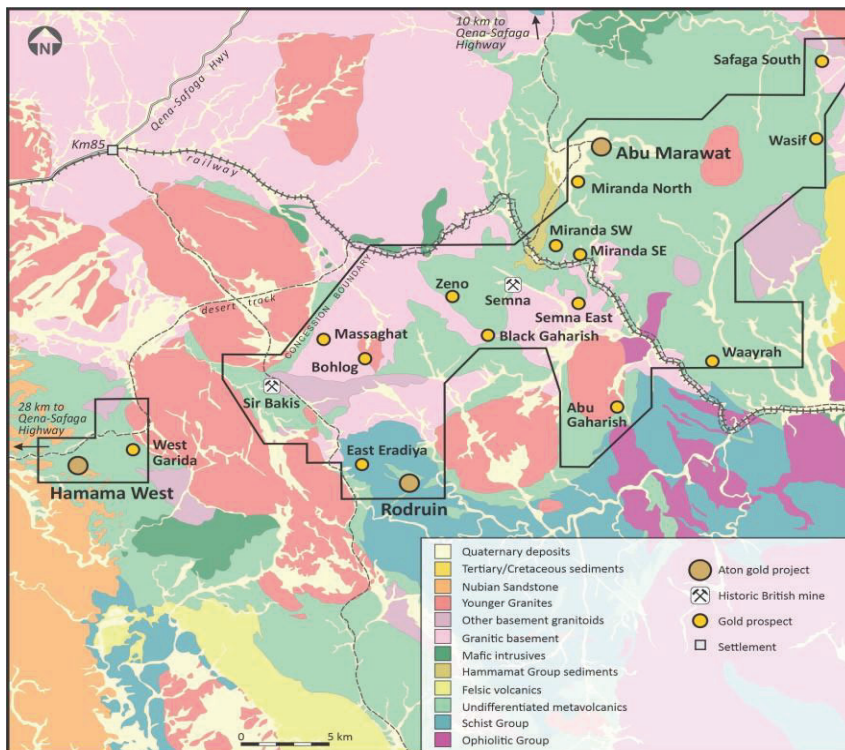
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RODRUIN

Rodruin, the first new gold discovery in Egypt in over 100 years, was discovered in 2017 by Aton's exploration team following up on a remote sensing target. In 2018, a highly successful first pass RC drilling programme was completed at Rodruin, which indicated the presence of broad zones of oxide mineralisation from surface, hosted primarily in carbonate gossans, as well as deeper sulphide mineralisation. A second ongoing phase of diamond drilling was completed in 2022, with the objective of establishing a maiden mineral resource at Rodruin. The area is structurally complex, and a second discrete style of high-grade gold-polymetallic mineralisation, both oxide and sulphide, associated with zones of phyllic and siliceous alteration, has recently returned drill intersections of 88.6m @ 5.76 g/t Au and 42.0 g/t Ag, and 36.9m @ 7.04 g/t Au, 47.2 g/t Ag, 0.63% Cu and 7.18% Zn in sulphides.

HAMAMA

The Hamama deposit is located on the western margin of the Concession, is hosted within a stratiform silica-carbonate horizon, is mineralised over a strike length of 3km, and bears many similarities to the Rodruin deposit. Aton has drilled 255 diamond and RC drill holes at Hamama for a total of 19,670m, has established an inferred and indicated resource at the Hamama West zone, and has developed plans for a starter open pit mine and heap leach processing operation. Groundwater has been identified about 20km west of the project, and Aton is working to develop Hamama as Egypt's second only commercial gold mine.



PROJECT PIPELINE



RC drilling at Hamama West - June 2022

Aton has a pipeline of projects from grassroots exploration through to advanced development projects. Aton completed a 11,700m regional RC programme last summer, which included: West Garida, Abu Gaharish, Semna and Zeno.

Results from Semna were particularly encouraging with results from the initial 21 hole programme returning multiple 100g/t metre samples including:

- SMP-016: 6m @50.07 g/t Au from 75m
- SMP-003: 4m @28.36 g/t Au, 28.4 g/t Ag and 1.15% Cu from 136m

Initial metallurgical test work has returned leach recoveries as high as 97.9%. Aton fully intends to exploit the district-scale potential of Abu Marawat, as it continues to advance its mine development and exploration projects.

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District-scale potential in the world's last gold mining frontier

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