



In January 2024 Aton Resources became the first international company to be issued a gold mining licence in Egypt since 2005, at its Abu Marawat Concession (“the Concession”). Aton is working to develop Egypt’s second commercial gold mine at Hamama West, after the world-class Sukari mine, now owned by AngloGold Ashanti. The 20+10 year Abu Marawat Exploitation Lease (“AMXL”) covers an area of 57.66 km<sup>2</sup>, and covers the Hamama and Rodruin deposits

A further 255km<sup>2</sup> of highly prospective ground has been retained for additional exploration (“the REA’s”), which will continue to be aggressively explored over the next 12-24 months

During 2023, a regional RC drilling programme resulted in the discovery of high grade orogenic gold mineralisation at the Semna gold mine project, containing abundant coarse gold, which was mined underground by 2 British companies during the early 20<sup>th</sup> century. In 2024 a second phase of diamond drilling at Semna confirmed the presence of high grade vein-hosted mineralisation at Semna open and along strike from the old underground workings, hosted in multiple structures

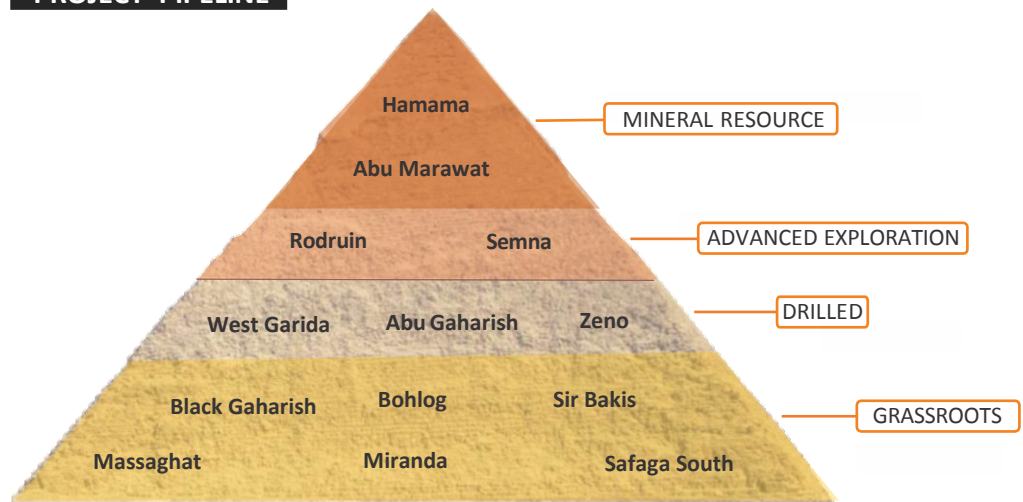
Also in 2024 Aton established a 50/50 JV company Abu Marawat Gold Mines (“AMGM”), with its Egyptian partners EMRA, which will act as the operator of the AMXL. AMGM also engaged Wardell Armstrong International to undertake a Pre-Feasibility Study (“PFS”) and ESIA on the Hamama West deposit and these projects are well underway. The PFS will focus on using a modular CIL processing route, with mining planned to start at the Hamama West deposit, and subsequently the other deposits within the Abu Marawat Concession

Regional exploration of the REA’s will continue to be fast-tracked, with diamond and RC drilling ongoing in January 2025, along with further development of the Abu Marawat and Semna deposits. Having operated in Egypt since 2007, Aton is well established in-country, with highly qualified local Egyptian management and technical expertise. The Concession is located close to infrastructure, including major highways, a port, and two international airports



### PROJECT PIPELINE

BOARD OF DIRECTORS	
Chief Executive Officer	<b>Tonno Vahk</b>
Director	<b>Assem Soliman</b>
Director	<b>Anthony Clements</b>
ADVISORS	
	<b>Bill Koutsouras</b> CA, CFA
	<b>David Laing</b>
	<b>Ahmed El Mehelmy</b>



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



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

[www.atonresources.com](http://www.atonresources.com)



## HAMAMA WEST

The Hamama gold-silver-polymetallic deposit is located on the western margin of the Concession, and is hosted within a stratiform silica-carbonate horizon, with mineralisation occurring over a strike length of 3km

Aton has drilled 109 diamond drill holes to date at Hamama for a total of 11,827m and has established an inferred and indicated resource at Hamama West. The Company has developed plans for a starter open pit mine at Hamama West and is currently also evaluating the Crocs Nose, Hamama East and Hamama Central zones, which are expected to provide incremental resources to the project

Aton, as part of the PFS, is now evaluating a modular CIL processing operation for the Hamama gold-silver mine, which can subsequently be re-located to other projects on the Concession, as they come online. Groundwater has been identified about 20km west of Hamama West

Aton is working to develop Hamama West as Egypt's second internationally operated gold mine and expects to start production during 2026 and become a cashflow positive company

## SEMNA

During the Company's 2023 regional RC programme multiple high grade drill intercepts were returned from the Semna gold mine prospect, including:

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

Results from the 2024 phase 2 diamond drill programme at Semna indicate the mineralisation to be open at depth as well as along strike from the old workings, and, and included the following intersections:

- SMD-048: 5.19m @ 11.69 g/t Au and 1.38% Cu, from 126.35m
- SMD-025: 2.55m @ 15.05 g/t Au and 0.47% Cu, from 100.45m

Preliminary scoping level metallurgical testwork undertaken by Wardell Armstrong International indicated abundant gravity recoverable gold, and leach recoveries in excess of 97% for the Semna mineralisation

Follow-up RC and diamond drilling programmes are currently planned to start at Semna in late January 2025. The additional drilling to be completed during 2025 will facilitate the objective of establishing a maiden mineral resource estimate at Semna by early 2026



## CONTACT

### Aton Resources Inc.

Suite 1700  
666 Burrard Street  
Vancouver, BC, V6C 2V6  
Canada

LinkedIn: /[aton-resources-inc.](https://www.linkedin.com/company/aton-resources-inc)

E: [info@atonresources.com](mailto:info@atonresources.com)

## RETAINED EXPLORATION AREAS

Aton has retained a further 255 km<sup>2</sup> of highly prospective ground for additional exploration for a period of up to 4 years. The REA's are host to the Abu Marawat deposit where in 2012 Aton established the first mineral resource on the Concession, with an inferred resource of 2.88 million tonnes, grading 1.75 g/t Au, 29.3 g/t Ag, 0.77% Cu, and 1.15% Zn

Additional to the Hamama and Rodruin deposits within the AMXL, and Abu Marawat and Semna within the REA's, there are multiple high value orogenic style and possible intrusion related gold exploration targets proximal to Semna, which could all potentially become satellite deposits for a centralised modular CIL processing operation, including another British-era gold mine at Sir Bakis. Projects including Sir Bakis, Zeno, Bohlog, Kab Amira and Abu Gaharish are all within 10 km<sup>2</sup> of either Rodruin or Semna. The Company has been diamond drilling at Abu Marawat since mid-2024 with the aim of upgrading the mineral resource to indicated category, and will continue with its aggressive exploration programme for the REA's with extensive diamond and RC drilling planned for 2025 at the most promising targets including Sir Bakis, Bohlog and Kab Amira, as well as at Semna and Abu Marawat. Aton's clear objective is to bring all these other prospects into the AMXL during the coming exploration period

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

[www.atonresources.com](http://www.atonresources.com)