

**Syama  
Gold Mine**

Mali

# Syama Gold Mine

**A world class, long life low cost asset that will deliver long term benefits to our stakeholders beyond 2032**

Syama is located in the south of Mali, West Africa approximately 30km from the Côte d'Ivoire border and 300km southeast of the capital city, Bamako.

Resolute has an 80% interest in Syama which is held through Société des Mines de Syama S.A. (SOMISY). The Malian Government holds the remaining 20%.

Syama is a large-scale operation which comprises two separate processing plants: a 2.4Mtpa sulphide processing circuit (ore sourced from the Syama Underground Mine) and a 1.5Mtpa oxide processing circuit (ore sourced from the Tabakoroni Open Pit Mine).

Due to the refractory nature of the sulphide ore, it is treated using conventional three stage crushing, ball milling, sulphide flotation, roasting,

calcine leaching and elution. The oxide processing circuit is a conventional crushing, SAG milling, and leaching circuit.

The Syama Underground Mine is one of the world's most technically advanced underground gold mines. Following commencement of sublevel caving in December 2018, Resolute commissioned Syama's automated underground mining system and achieved commercial rates of production during 2019.

Work has commenced to build a new 40 MW Solar Hybrid Power Plant which is expected to generate long term electricity cost savings of up to 40% and reduce carbon emissions by approximately 20%.

**Mine Life**

**14**  
years

**Resources**

**8.3** Moz

**Reserves**

**3.3** Moz

**Target Site  
Production**

**300** kozpa

**LOM AISC  
US\$**

**746**  
/oz



**Resolute**

ASX:RSG | [www.rml.com.au](http://www.rml.com.au)



# The Syama Complex comprises the Syama Underground Mine, a world class, sublevel cave and the Tabakoroni Open Pit Mine

Commenced sublevel caving  
Dec 2018

Commercial production rates  
achieved in 2019

FY20 Guidance: 206,000oz at  
AISC of US\$960/oz

## Solar Hybrid Power Plant

### Experienced Partner

Aggreko to install, operate and  
maintain the new power station

One integrated power station  
ensuring optimal operations

Power cost savings  
of up to 40%

### Greener Power

Emissions reduced by 20%

Modular, expandable plant  
to accommodate future mine  
growth and electric fleet

### Joint Community Investment

Resolute and Aggreko to partner  
on community sustainable power  
solutions

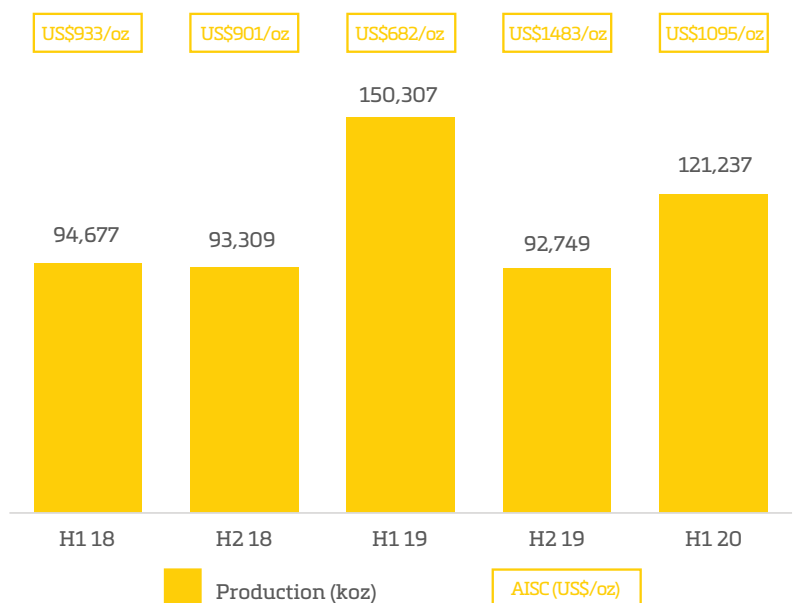
Read more about Syama's Power Plant  
[www.aggreko.com/Resolute](http://www.aggreko.com/Resolute)



## Reserves & Resources (Dec 2019)

Category	Tonnes	Grade	Ounces
<b>Ore Reserves</b>			
Proved	2.8Mt	1.9g/t	170koz
Probable	37.4Mt	2.6g/t	3,120koz
<b>TOTAL</b>	<b>40.2Mt</b>	<b>2.5g/t</b>	<b>3,280koz</b>
Measured	19.9Mt	3.3g/t	2,140koz
Indicated	49.5Mt	2.8g/t	4,510koz
Inferred	28.8Mt	1.7g/t	1,620koz
<b>TOTAL</b>	<b>98.3Mt</b>	<b>2.6g/t</b>	<b>8,260koz</b>

## Production Profile



## Growth Opportunities

### Tabakoroni: Potential Underground Operation

- Maiden Underground Mineral Resource of 5.2Mt at 5.1g/t for 850,000oz
- Excellent potential for the deposit to grow
- Feasibility study commenced

### Satellite Oxide Deposits

- Potential additional feed for the oxide circuit
- Cashew Deposit Mineral Resource: 1.6Mt at 2.0g/t Au for ~100,000oz
- Paysana Deposit Mineral Resource: 5.1Mt at 1.7g/t Au for ~270,000oz