

# Bauxite: Gondama Deposit

## Deposit Details

Location of Deposit:	Moyamba District of Sierra Leone
Deposit Identification:	Gondama Bauxite Deposit
Geological Formation:	Weathered Hypersthene feldspar-rich rocks of the Kasila Group of Sierra Leone.
Resource Volume Estimate:	31 Million Tonnes
Resource Quality/Grade:	46% Al <sub>2</sub> O <sub>3</sub> , 3.0% SiO <sub>2</sub>
Operating Mining Company:	Sierra Minerals Holdings 1 Limited (VIMETCO) Lorem ipsum

## Other Significant Bauxite Deposits in Sierra Leone

- Kambia Bauxite Deposit: 166 Million tonnes of bauxite at an average grade of 44.11% alumina with 5.7% total silica
- Port Loko Bauxite Deposit: 77 Million tonnes at an average grade of 46% Alumina with 6.19% Silica
- Monkanji Bauxite with an estimated mineral reserve of circa 100 Million tonnes. Grade about 48 - 50% alumina and 4% silica, tri-hydrate (gibbsitic).

The Gondama Bauxite Deposit in Sierra Leone's Moyamba District managed by Sierra Minerals Holdings 1 Limited (VIMETCO) is a key source of high-grade bauxite, essential for aluminum production. The deposit contains approximately 31 million tonnes of bauxite, with a grade of 46% alumina (Al<sub>2</sub>O<sub>3</sub>), 3.0% silica (SiO<sub>2</sub>) with an annual production rate of about 2 million tonnes. This high-quality resource is valuable in the global bauxite market.

