

Lithium Ore: Kalangba Deposit

Deposit Details

Location of Deposit:	Kanji Hills, N'gowahun Chiefdom, Bombali District, Northern Sierra Leone
Deposit Identification:	Kalangba Deposit
Geological Formation:	Lithium is found in the form of spodumene within the granitic pegmatites of the Kangi Hills, located in Northern Sierra Leone..
Resource Volume Estimate:	25 Million Tonnes
Resource Quality/Grade:	1% Li
Operating Mining Company:	Leone Afric Metals Limited

Other Information

Good indications for Lithium are mainly in the Greenstone belts of Sierra Leone (Kambui Hills, Kangari Hills, Sula Mountains, and Gola Forest)

The Kalangba Lithium Ore Deposit in Sierra Leone's Kanji Hills, managed by Leone Afric Metals Limited is a significant lithium resource, primarily containing spodumene and lepidolites, lithium-rich minerals found in granitic pegmatites. The deposit is estimated to hold about 25 million tons of lithium ore, with a 1% lithium grade, which is economically viable for extraction., The deposit has high potential due to the growing global demand for lithium, driven by its use in lithium-ion batteries for electric vehicles, renewable energy storage, and electronics. The Kalangba deposit positions Sierra Leone as a major potential player in the international lithium market, enhancing its mining sector and economic prospects. Other possibilities may exist with exploration efforts.

