

Kimberlite

Rock Characteristics

Rock Name:	Kimberlite
Rock Type:	Igneous Rock
Colour:	Black
Grain Size:	Coarse-grained
Texture:	Porphyritic



Mineral Composition

Major Minerals: Meya Mining (Kono), Eastern Sierra Leone

Geographical Locality

Origin: Meya Mining (Kono), Eastern Sierra Leonee

Economic Significance

Usage: The host rock for Diamonds with a resource volume of 6.6 Million carat.

Detailed Description

The specimen is a very dark (black), dense, coarse-grained porphyritic kimberlite. It is primarily characterized by 7-10mm pyroxene phenocrysts embedded within a finer-grained matrix. The distinct contrast between the large pyroxene crystals and the finer surrounding matrix highlights the porphyritic texture of the rock, typical of kimberlites. Host rock for diamonds mined by Meya Mining in Kono District, Eastern Province with a resource volume of 6.6 million carats..