

Gashua, Nigeria, L6 Chondrite Meteorite

Location: Gashua, Dapchi, Nigeria, ~12°51'N, ~11°02'E

Fell: April 1984

M1364.1

Type: Stone, Ordinary Chondrite, L6

47.0g

Description: The meteorite fall was reported by anonymous eye witnesses to have occurred around April 1984 (about the time of the nearby Gujba fall) near the tiny desert settlement Kolomari close to the town of Gashua, Dapchi district, Nigeria. A stone of 4162 g or more was recovered and broken by villagers into many pieces at the place of the fall. The meteorite is a weakly weathered ordinary chondrite with dominantly recrystallized texture and few poorly defined chondrules. Opaque and often interconnecting shock veins are present. Mineral composition: olivine, Fa_{23,8}; pyroxene, Fs₂₀. Shock stage, S4; weathering grade, W1.

Specimen Weight: _____



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