

GEM Building Taxonomy Report

Log House

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Taxonomy string:

DX /W //DY /W // /HAPP:1+HFAPP:2.5 /RES /BPD /PLFR //EWW /RSH3+RMT8+RWO /FW /FOSSL

Material type (direction 1):

Wood

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Other lateral load-resisting system

Material type (direction 2):

Wood

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Other lateral load-resisting system

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Unknown structural irregularity

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof system material:

Wood

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Wood

Date of construction:

Year unknown

Number of storeys above the ground:

Approximate number of storeys 1

Height of the grade above ground floor:

Approximate height above grade 2.5

Occupancy type - general:

Residential

Country:

Indonesia

Summary:

Material technology (direction 1):

Wood, unknown

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Wood, unknown

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Vegetative

Roof system type:

Wood, unknown

Floor system type:

Wood, unknown

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Residential, unknown type

Region (province, state, etc.):

Palu

Log house, common in rural areas near forests, timber floor and walls, raised floor.