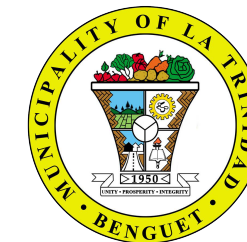


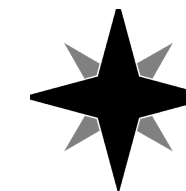
120°32'24.000"E 120°34'12.000"E 120°36'0.000"E 120°37'48.000"E 120°39'36.000"E



REPUBLIC OF THE PHILIPPINES  
CORDILLERA ADMINISTRATIVE REGION  
PROVINCE OF BENGUET

MUNICIPALITY OF  
LA TRINIDAD

## EARTHQUAKE GROUND SHAKING SUSCEPTIBILITY MAP



500 0 500 1,000 1,500 m

1:37,000

Luzon 1981/ Philippine Zone III

### LEGEND:

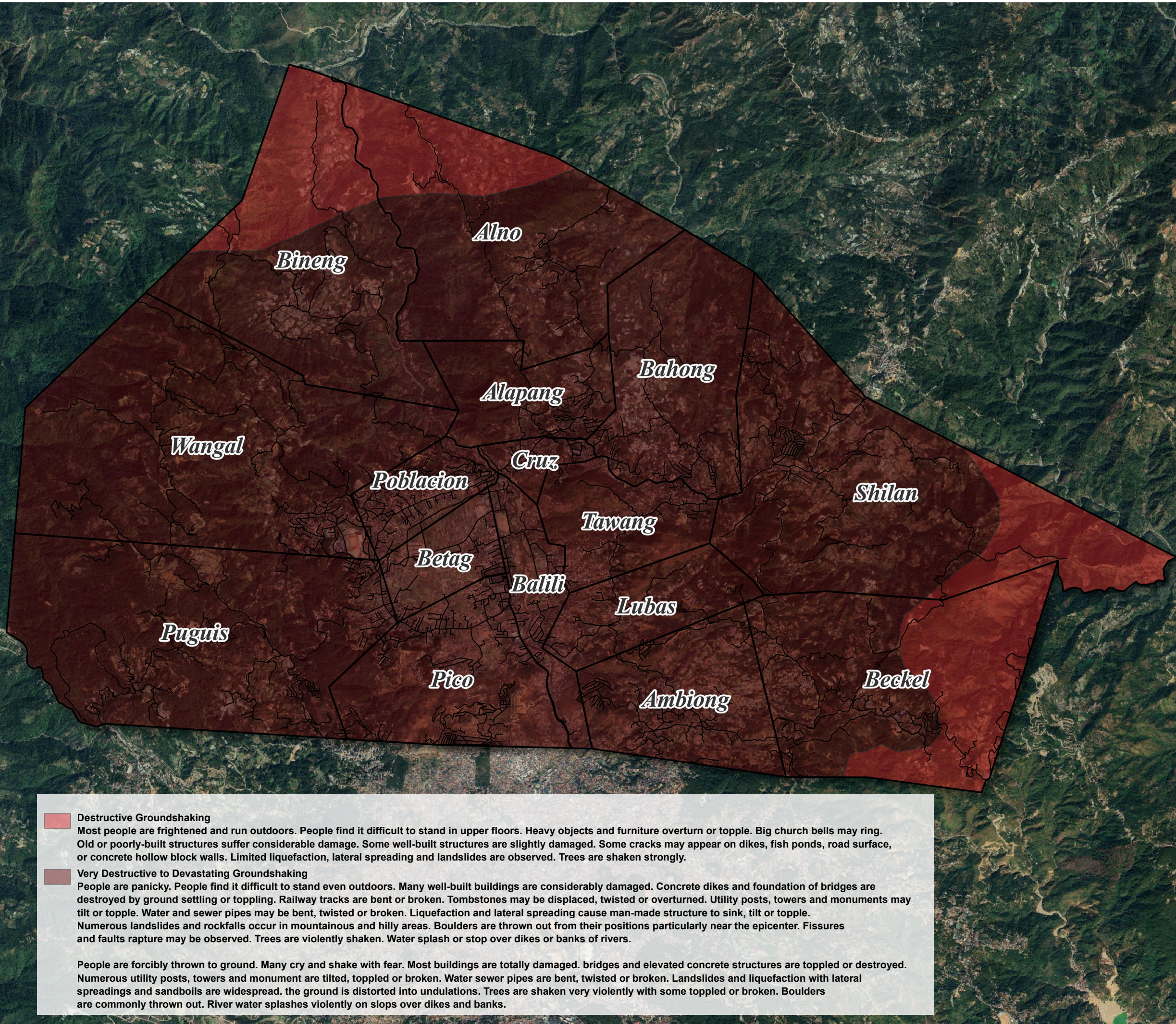
- Road Network
- Barangay Boundary
- Destructive Groundshaking
- Very Destructive to Devastating Groundshaking

#### References:

PHIVOLCS, 2016  
MPDO, 2023  
LT Cadastral Map  
Google Earth

Prepared by: ELAINE L. LIDAB, MDRMO

Delineation of administrative boundaries on  
this map is approximate.



**Destructive Groundshaking**  
Most people are frightened and run outdoors. People find it difficult to stand in upper floors. Heavy objects and furniture overturn or topple. Big church bells may ring. Old or poorly-built structures suffer considerable damage. Some well-built structures are slightly damaged. Some cracks may appear on dikes, fish ponds, road surface, or concrete hollow block walls. Limited liquefaction, lateral spreading and landslides are observed. Trees are shaken strongly.

**Very Destructive to Devastating Groundshaking**  
People are panicky. People find it difficult to stand even outdoors. Many well-built buildings are considerably damaged. Concrete dikes and foundation of bridges are destroyed by ground settling or toppling. Railway tracks are bent or broken. Tombstones may be displaced, twisted or overturned. Utility posts, towers and monuments may tilt or topple. Water and sewer pipes may be bent, twisted or broken. Liquefaction and lateral spreading cause man-made structure to sink, tilt or topple. Numerous landslides and rockfalls occur in mountainous and hilly areas. Boulders are thrown out from their positions particularly near the epicenter. Fissures and faults rupture may be observed. Trees are violently shaken. Water splash or stop over dikes or banks of rivers.

People are forcibly thrown to ground. Many cry and shake with fear. Most buildings are totally damaged. bridges and elevated concrete structures are toppled or destroyed. Numerous utility posts, towers and monument are tilted, toppled or broken. Water sewer pipes are bent, twisted or broken. Landslides and liquefaction with lateral spreadings and sandboils are widespread. the ground is distorted into undulations. Trees are shaken very violently with some toppled or broken. Boulders are commonly thrown out. River water splashes violently on slops over dikes and banks.

120°32'24.000"E 120°34'12.000"E 120°36'0.000"E 120°37'48.000"E 120°39'36.000"E