



Department of Science and Technology
PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY
PINATUBO LAHAR AND FLOOD HAZARD ZONES
 (July 2004)

- Zone 1:** Areas at high susceptibility to large magnitude lahars (>10 M m³ per event) and sediment-laden (muddy) streamflows and flashfloods.
- Zone 2:** Areas at low susceptibility to large-magnitude lahars; moderate to high susceptibility to sediment-laden streamflows and/or flashfloods.
- Zone 3:** Areas at low susceptibility to small-magnitude lahars and high susceptibility to sediment-laden streamflows.
- Zone 4:** Areas safe from lahars but prone to sediment-laden (muddy) streamflows or siltation.
- Zone 5:** Areas safe from lahars but prone to persistent (>1 week) or recurrent flooding, and/or backflooding due to drainage blockage.

Note: This Lahar and Flood Hazards map reflects the effects of the 1991 eruption deposits of Pinatubo Volcano on its surrounding areas. This does not apply to hazards posed by future eruptions of the volcano. All hazard boundaries are approximate and/or gradual.

Prepared By: Geology, Geophysics, Research and Development Division
 Copyright 2004





 kilometers
 UTM ZONE 51, LUZON DATUM
 CLARKE-SPHEROID OF 1866

O' DONNELL - TARLAC RIVER SYSTEM