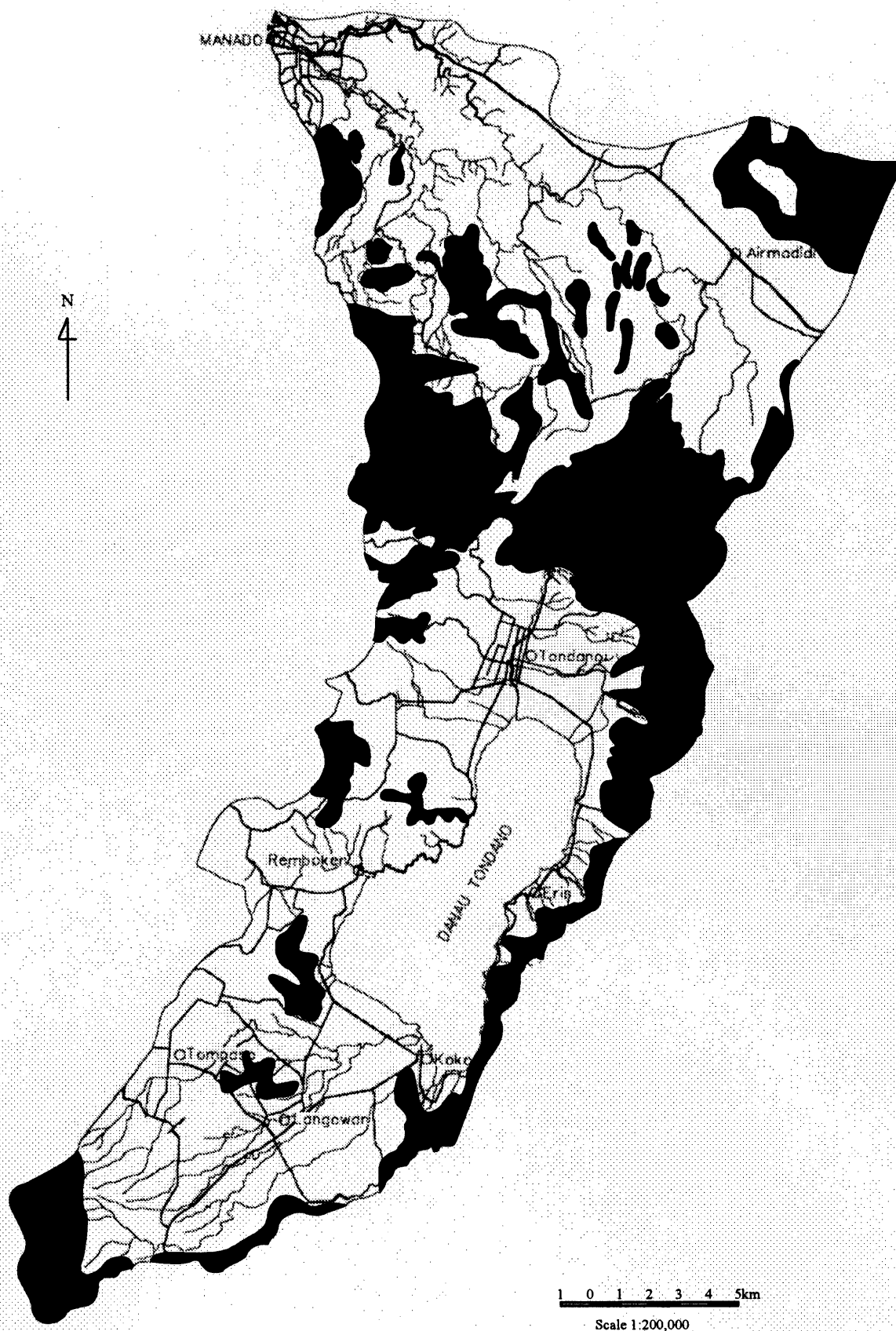


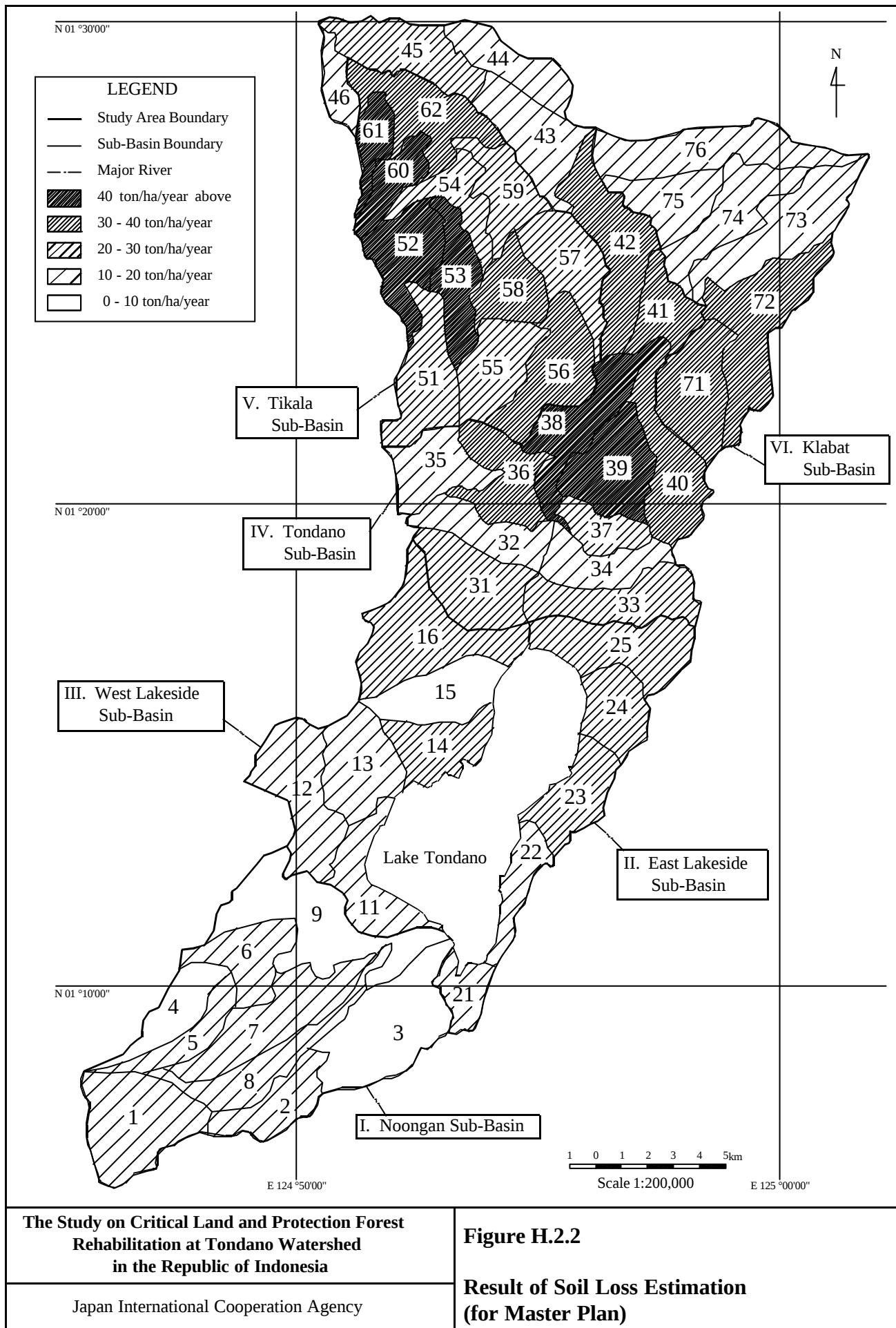
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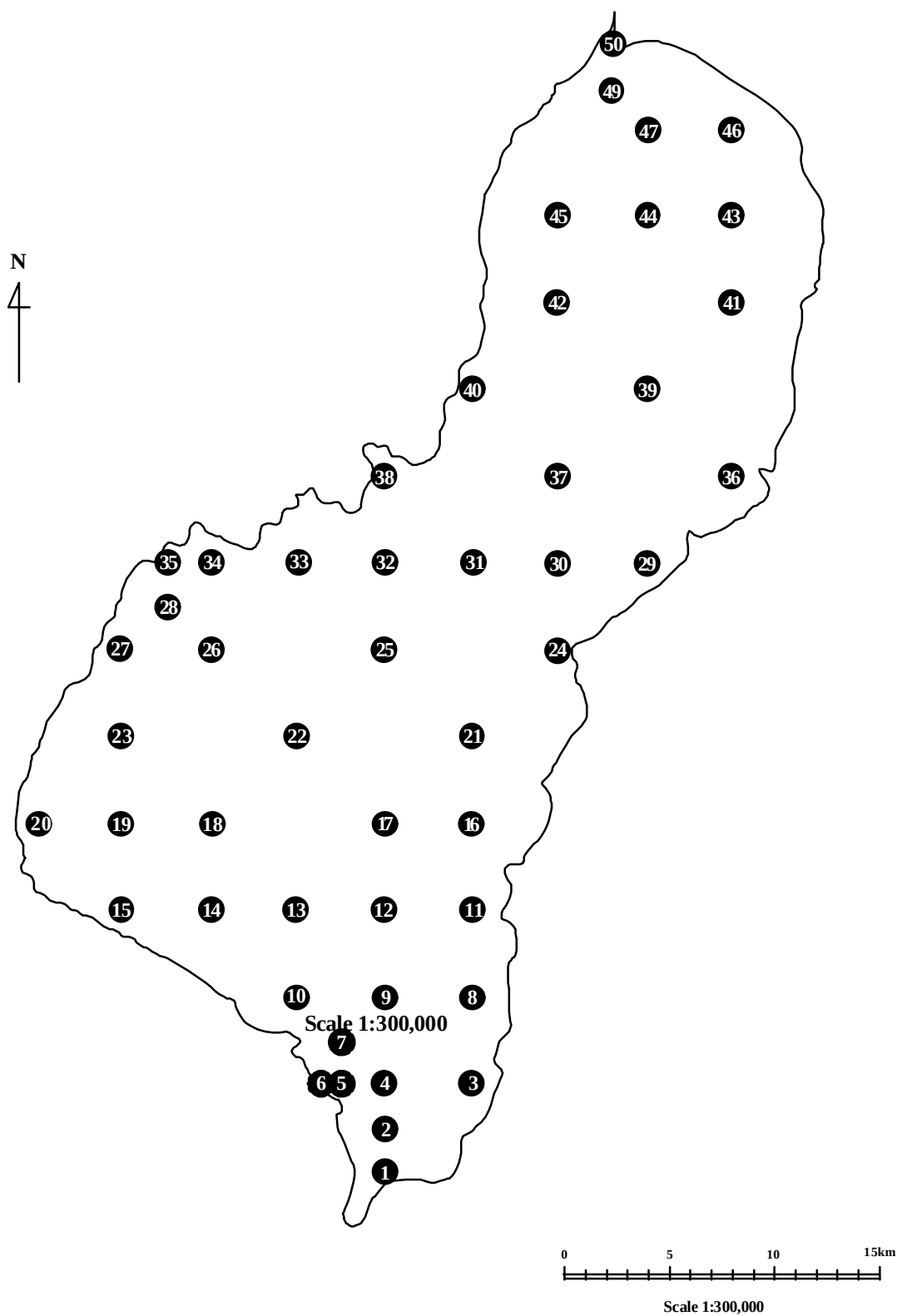


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**Figure H.2.1  
Potential Hazard Map**



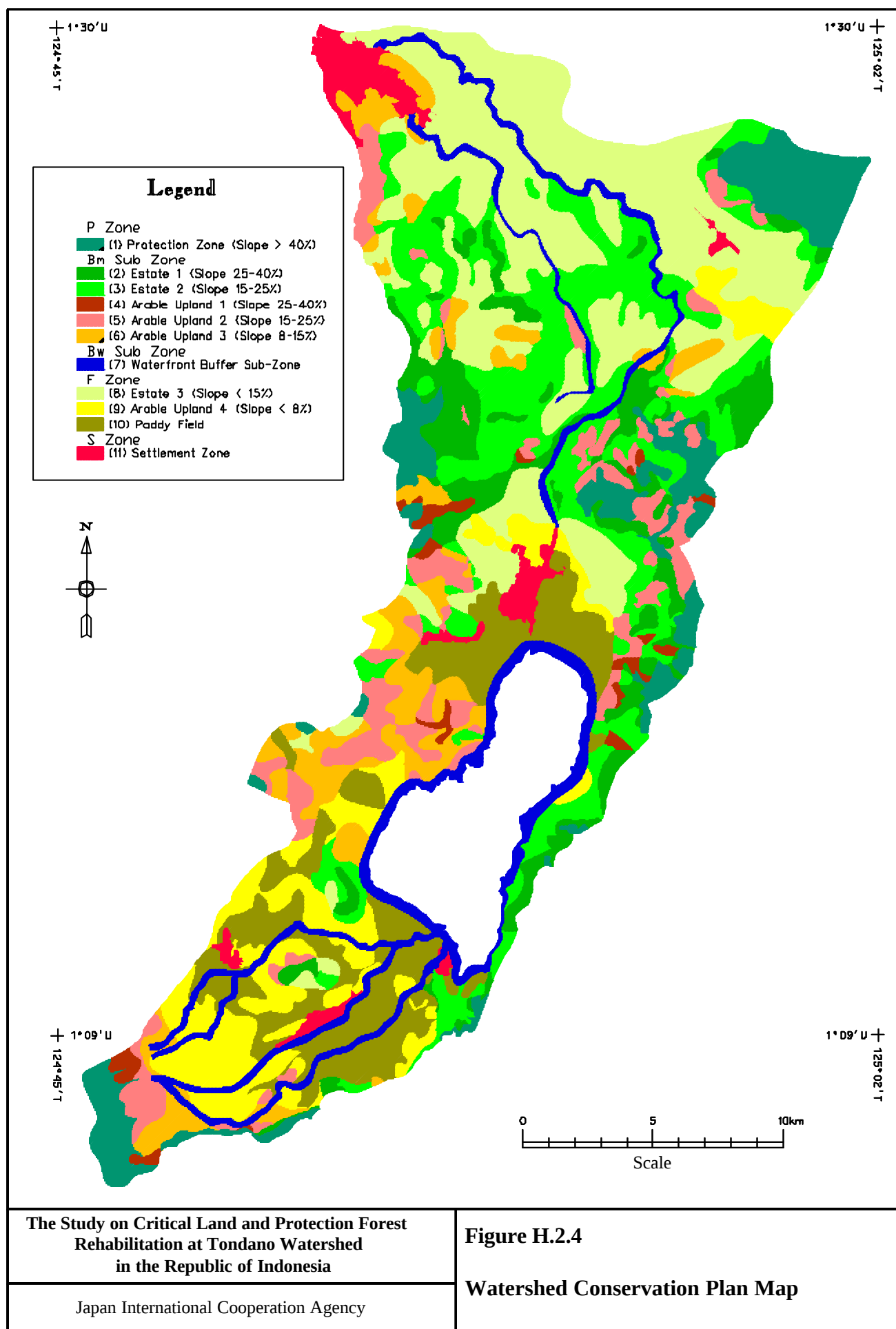


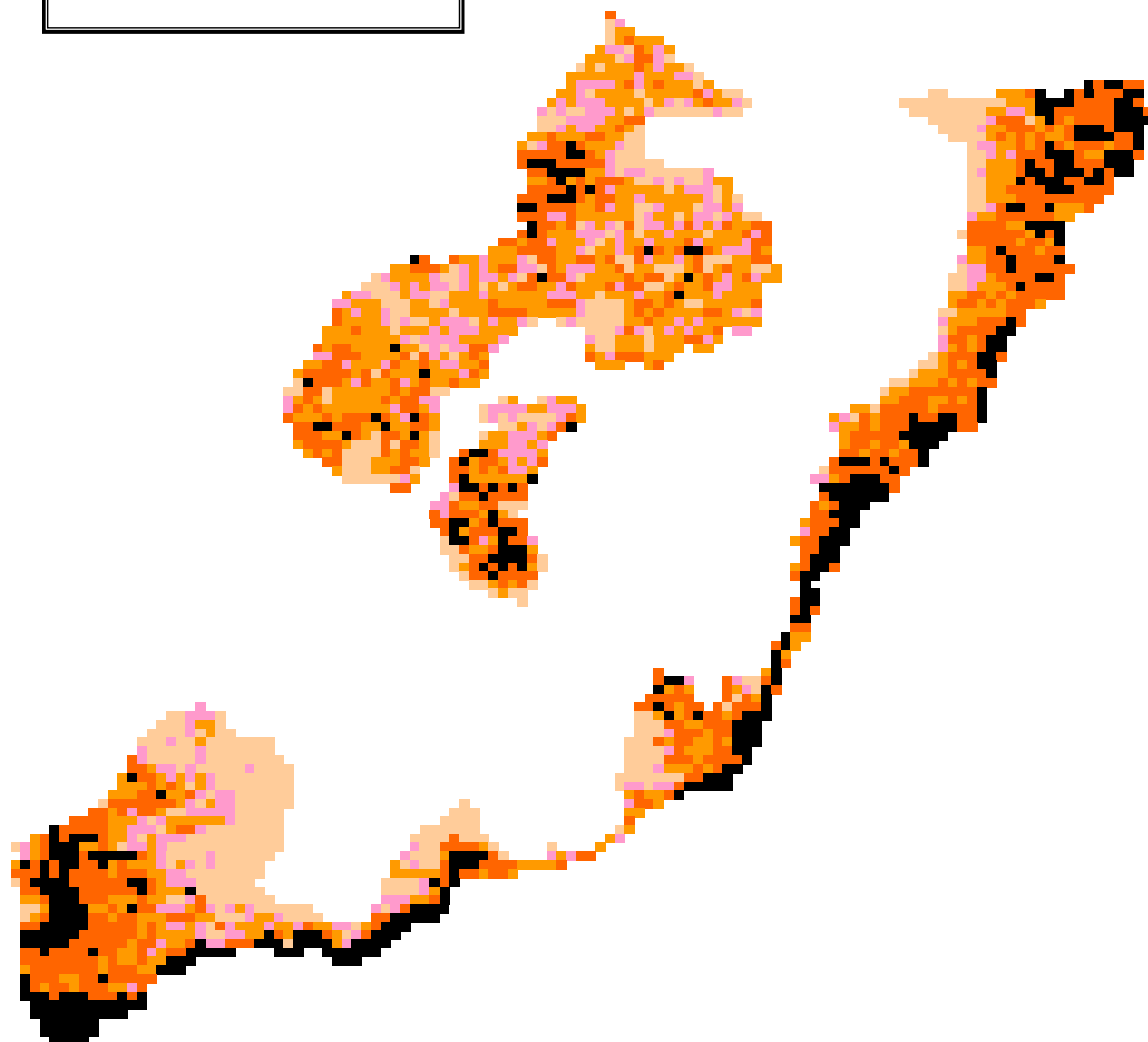
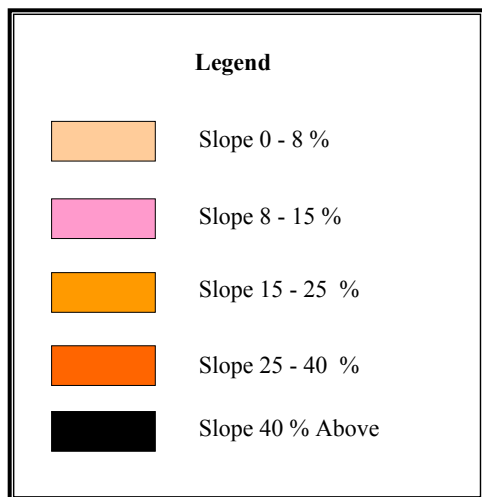
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**Figure H.2.3**

**Sampling Points of Lake Water Quality Test**

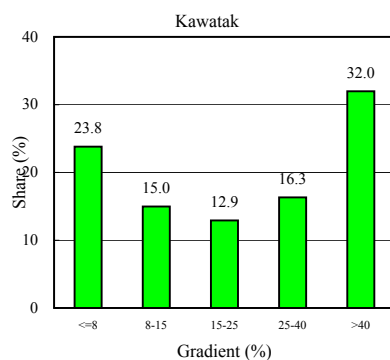
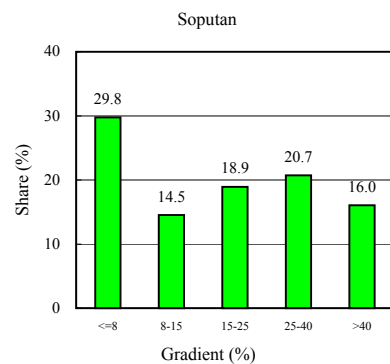
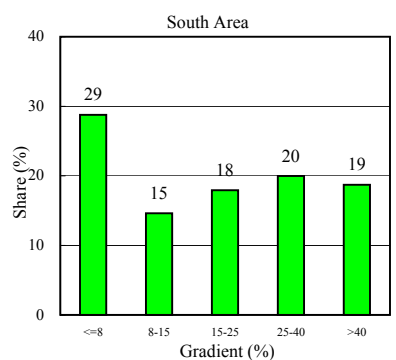
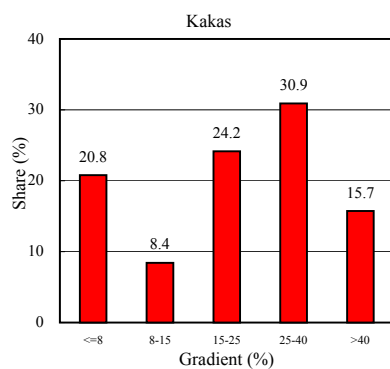
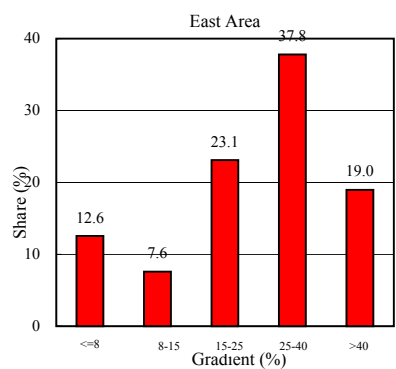
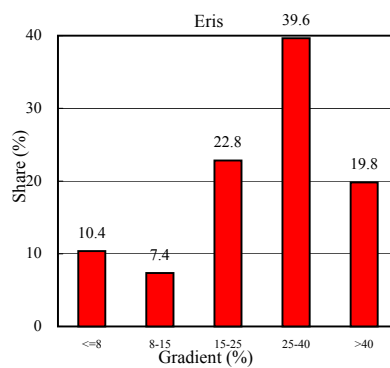
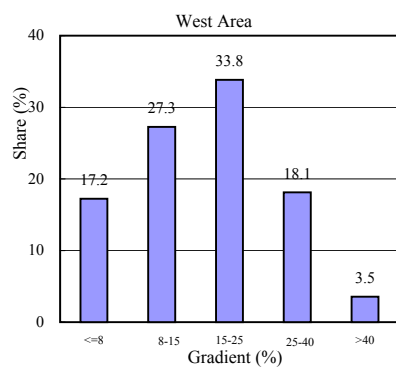




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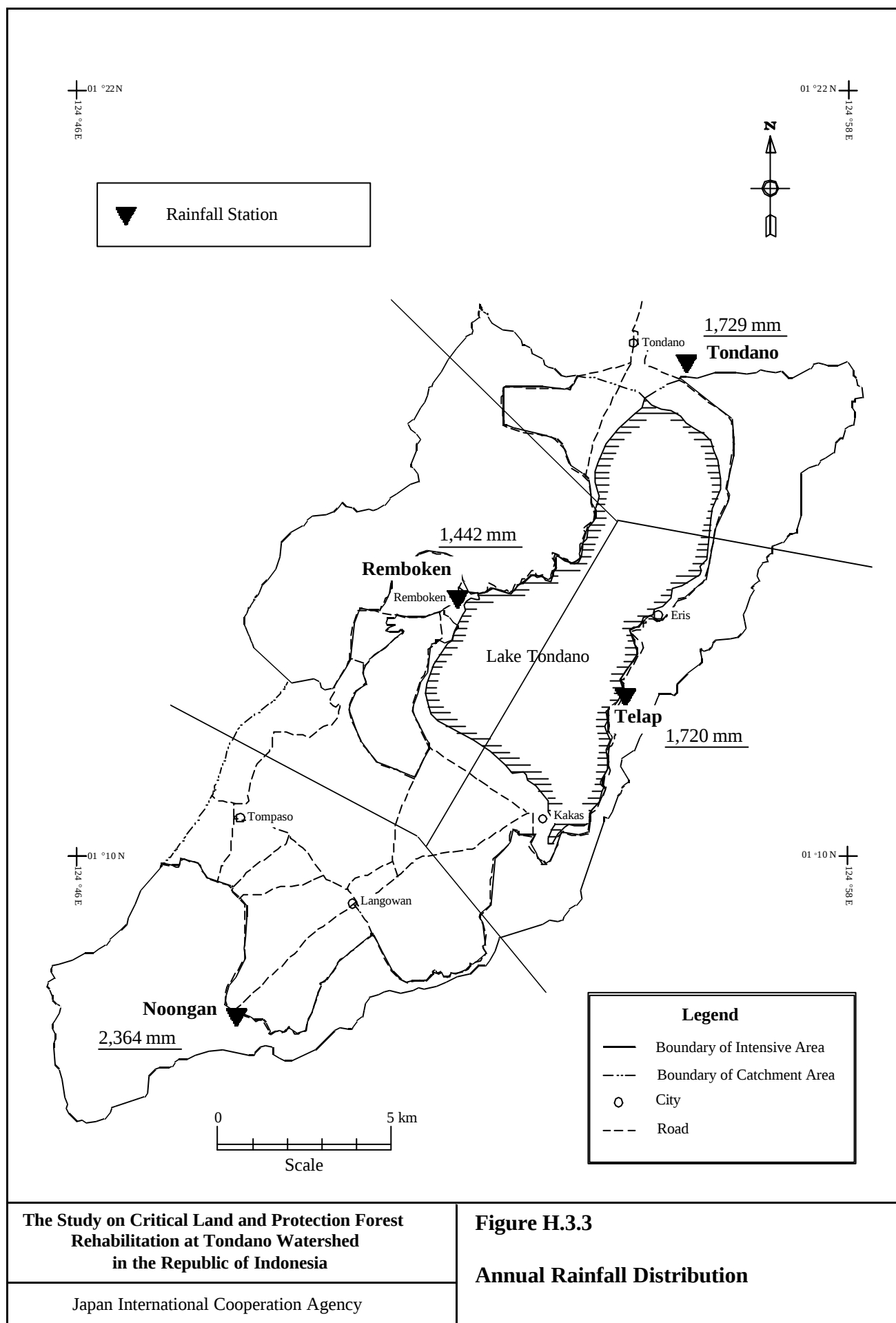
**Figure H.3.1  
Slope Gradient**



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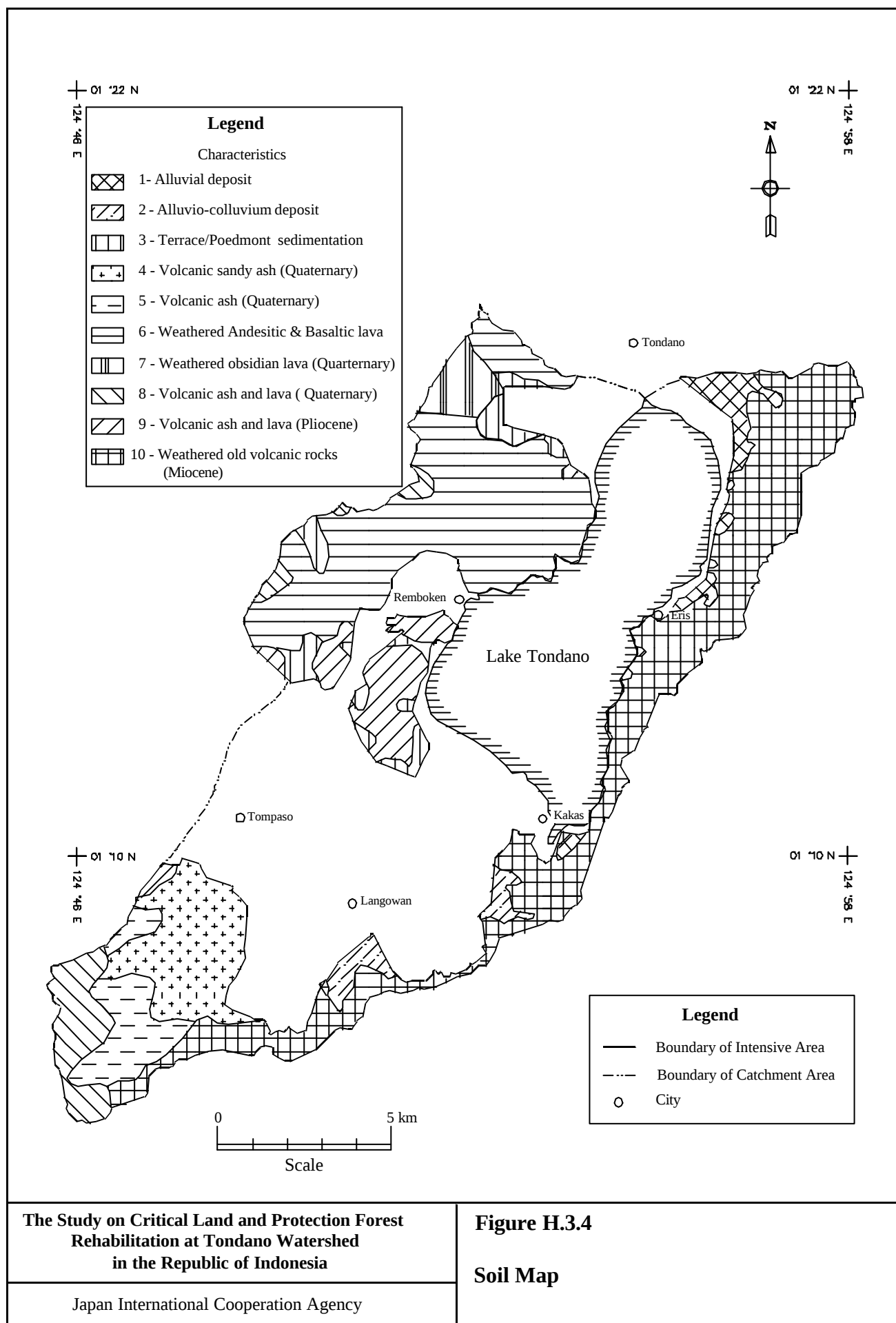
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**Figure H.3.2**  
**Frequency of Slope by Area**



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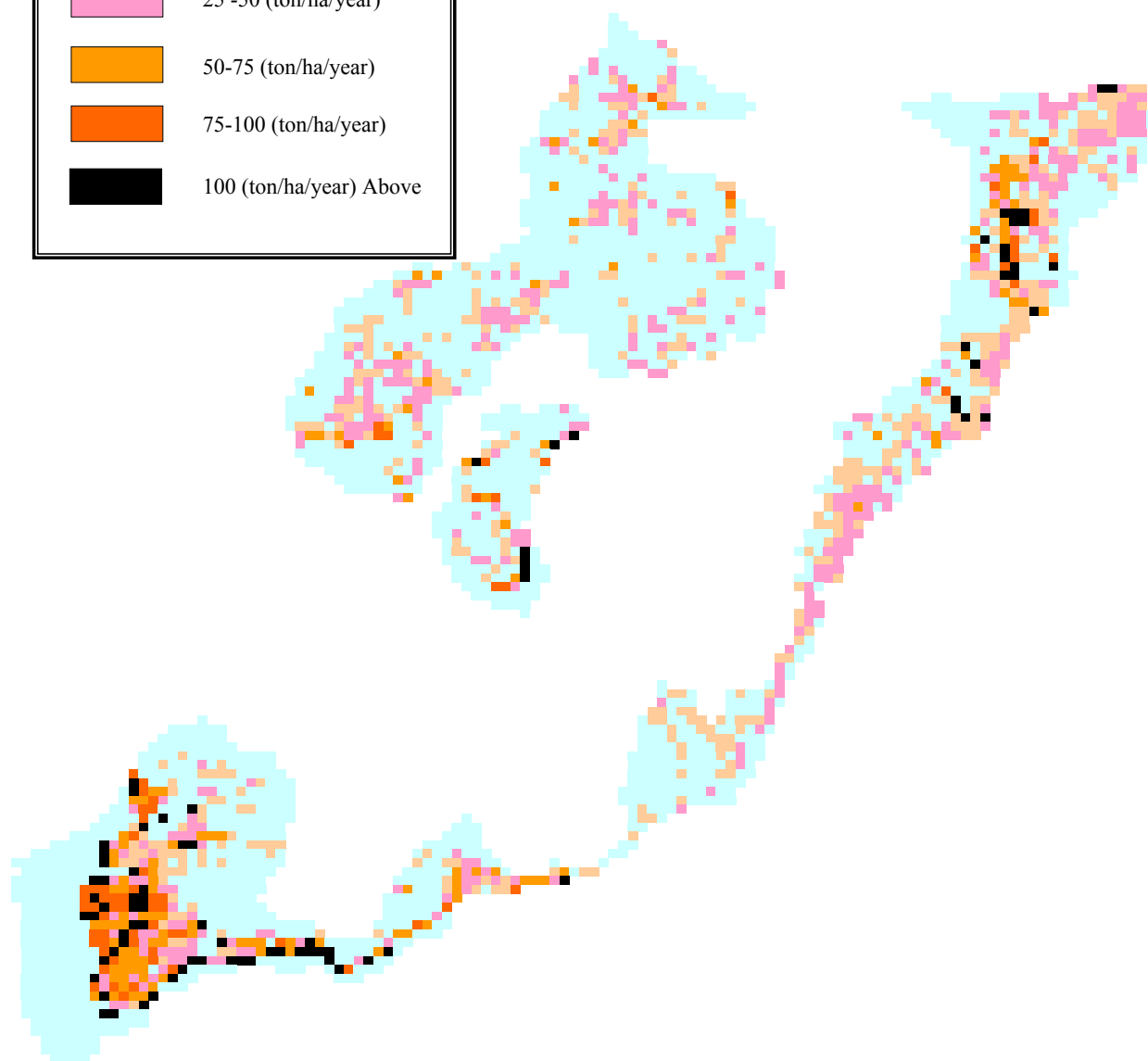
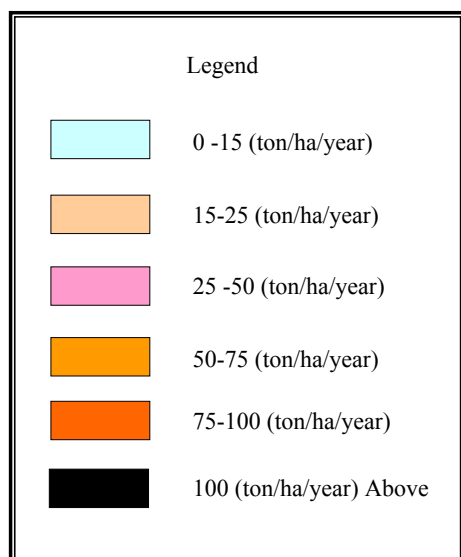


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Figure H.3.4

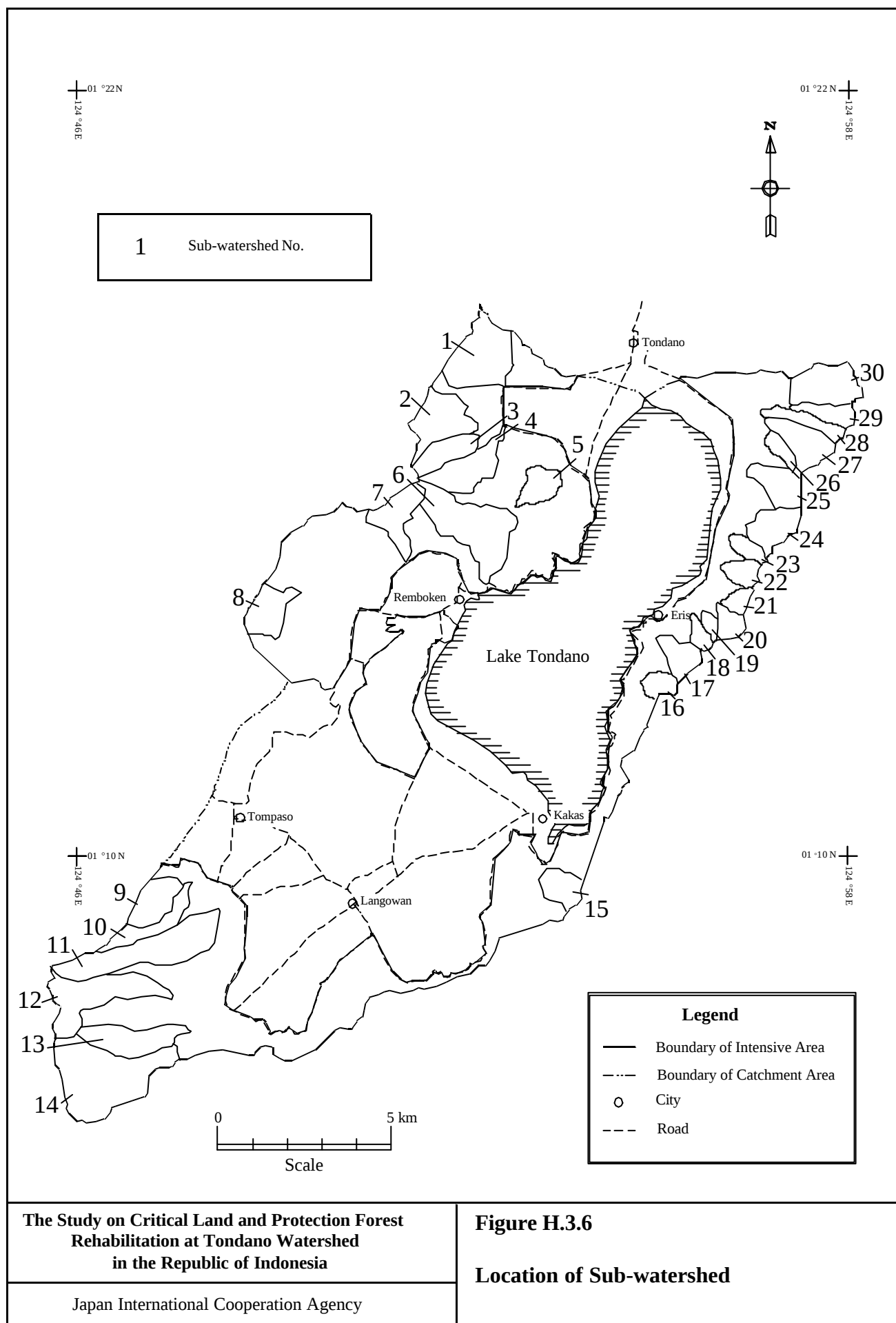
Soil Map



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**Figure H.3.5  
Soil Loss Estimation  
(for Feasibility Study)**

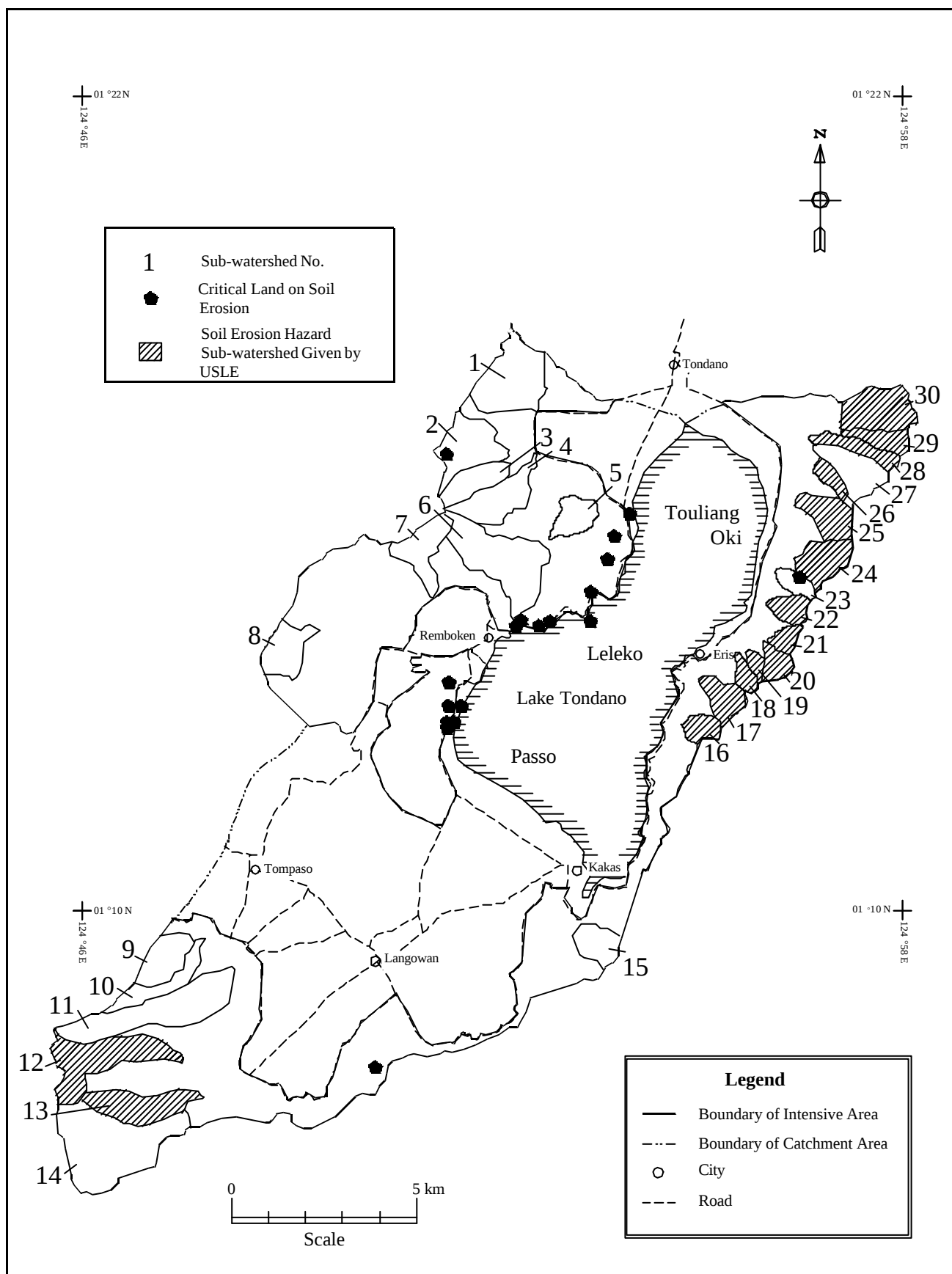


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**Figure H.3.6**

**Location of Sub-watershed**

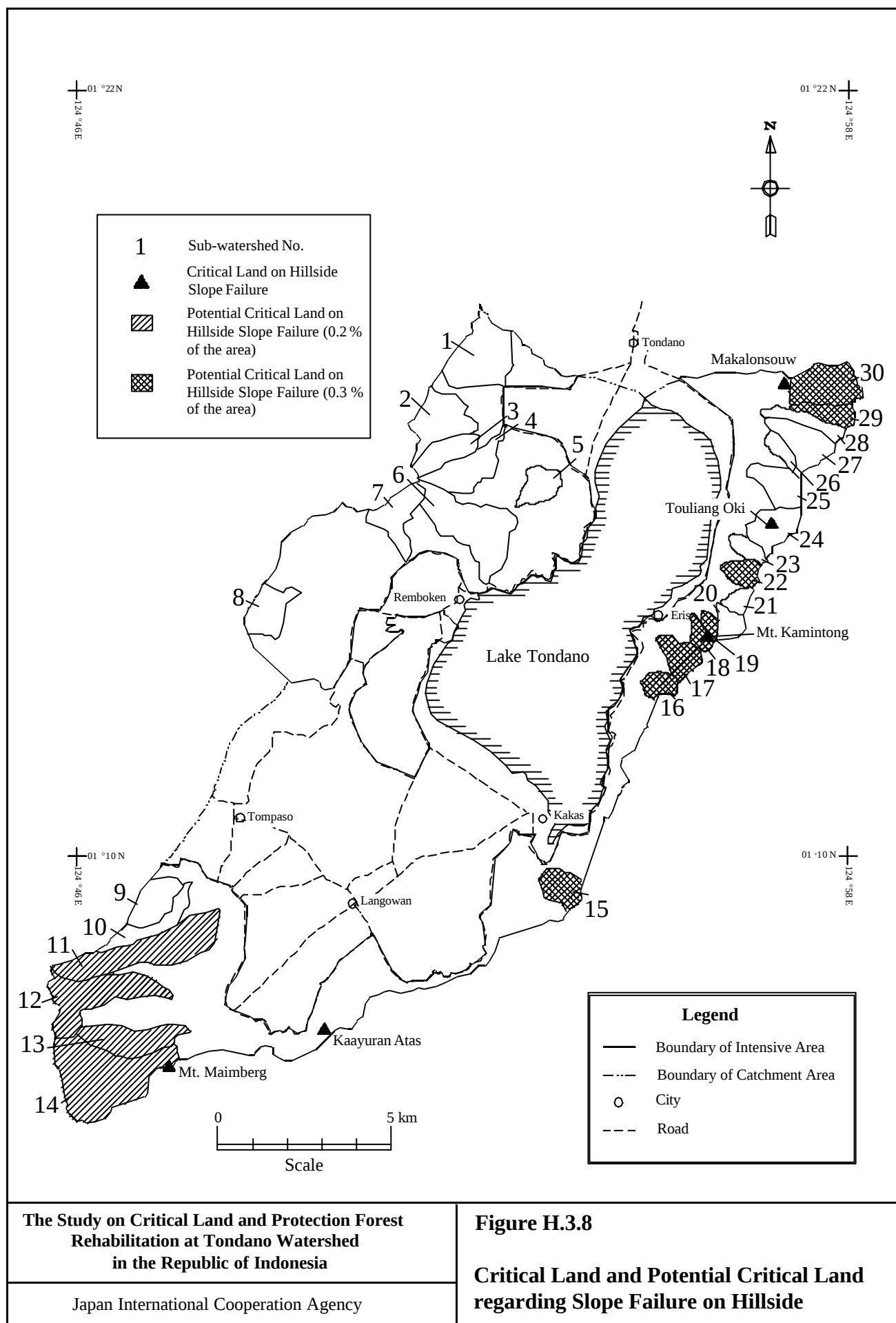


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**Figure H.3.7**

**Critical Land regarding Soil Erosion and Soil Erosion Hazard Sub-watershed**



# Inventory Survey of Major Hillside Slope Failures in the Intensive Area

Name of the Slope Failure

Mt. Maimberg

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Survey Date 01-Oct-00

## 1) Location

Coordinate

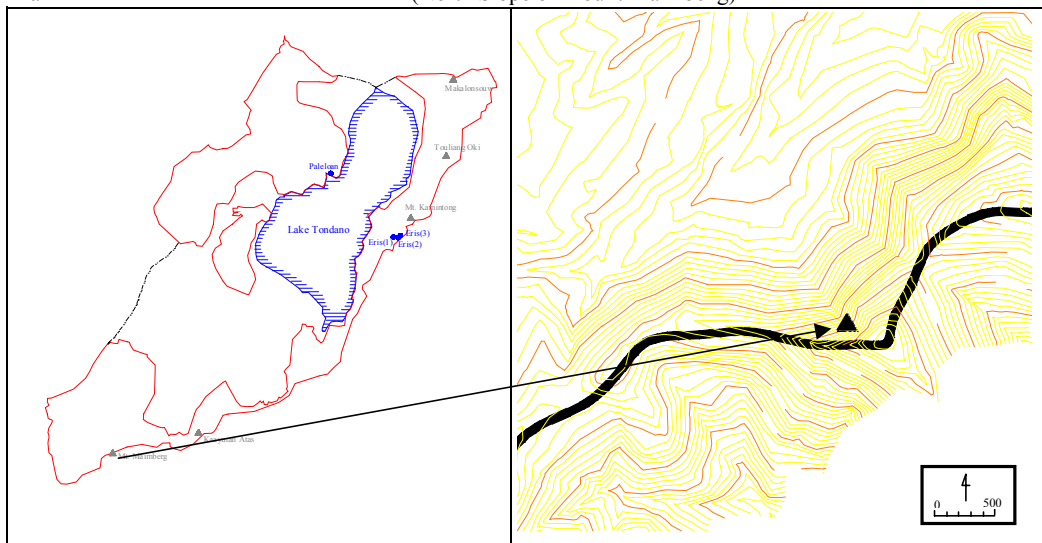
01°06'43" N 124°47'26" E

Place of Slope Failure

Noongan, Sub-district Langowan

Plan

(North Slope of Mount Maimberg)



## 2) Slope Failure Condition

Height

100 m

Length

30 m

Area

0.300 ha

Estimated Depth

1 m

Estimated Volume

3,000 m<sup>3</sup>

Elevation

975-1,050 m

Slope Gradient

45°

Soil Type

Weathered Tuff Breccia

Present Land Use

Forest

Applied Zoning

P Zone

Possible cause of the failure

Unsuitable Quarrying

Possibility of slope failure expansion

Middle

Possibility of natural rehabilitation

Low

View



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Figure H.3.9

Condition of Slope Failure on Hillside  
(Mt. Maimberg)