

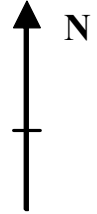
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Figure 1.3.1
GPS Network Plan in the Study Area

PINATUBO 1:10,000 Map Index



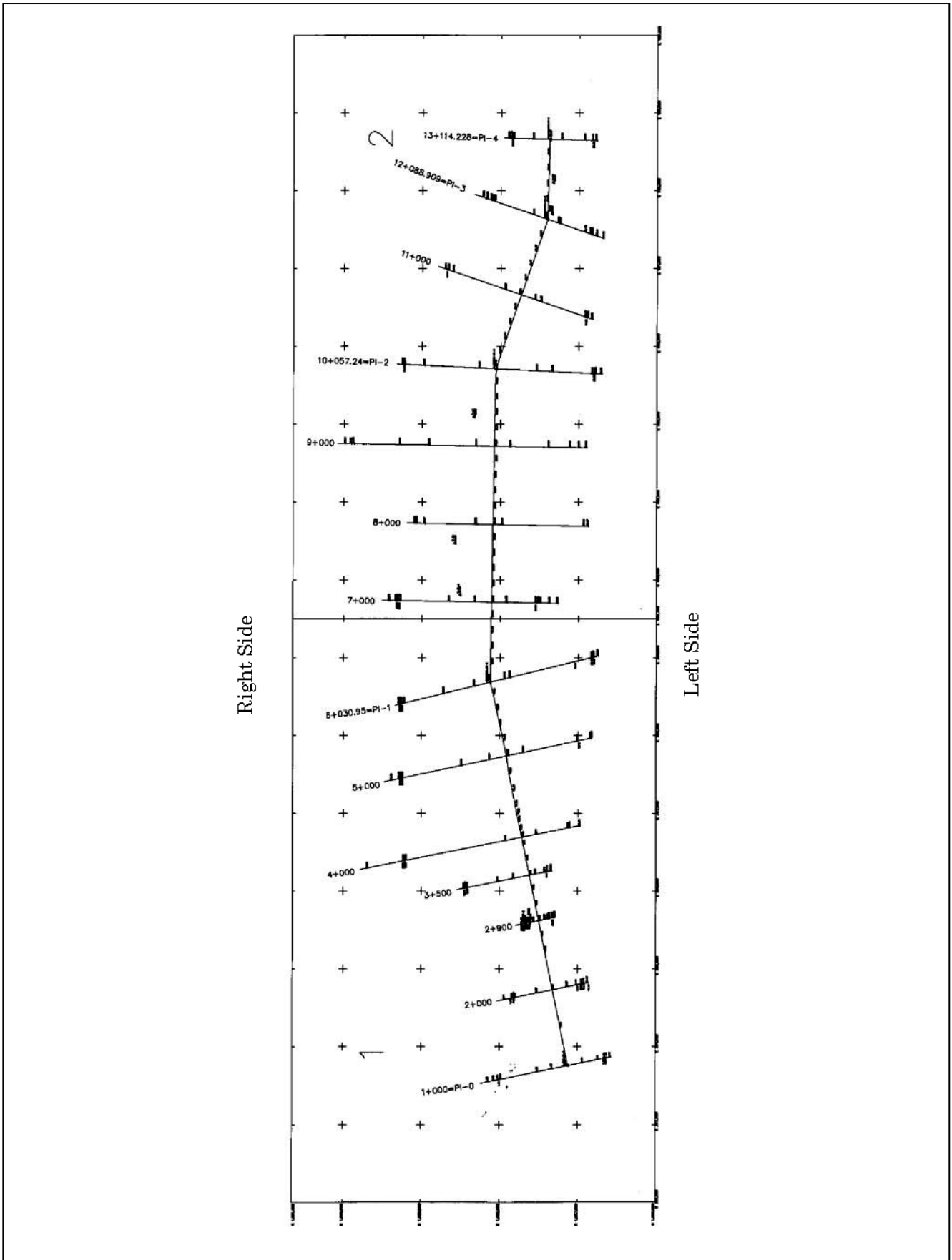
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| | 38 | 39 | | 20 | 21 | 22 | 23 |
| | | 24 | 25 | | 26 | 27 | |
| | | 28 | 29 | 30 | 31 | 32 | |
| | | 33 | 34 | 35 | 36 | 37 | |

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Figure 1.3.2
Map Index Sheet

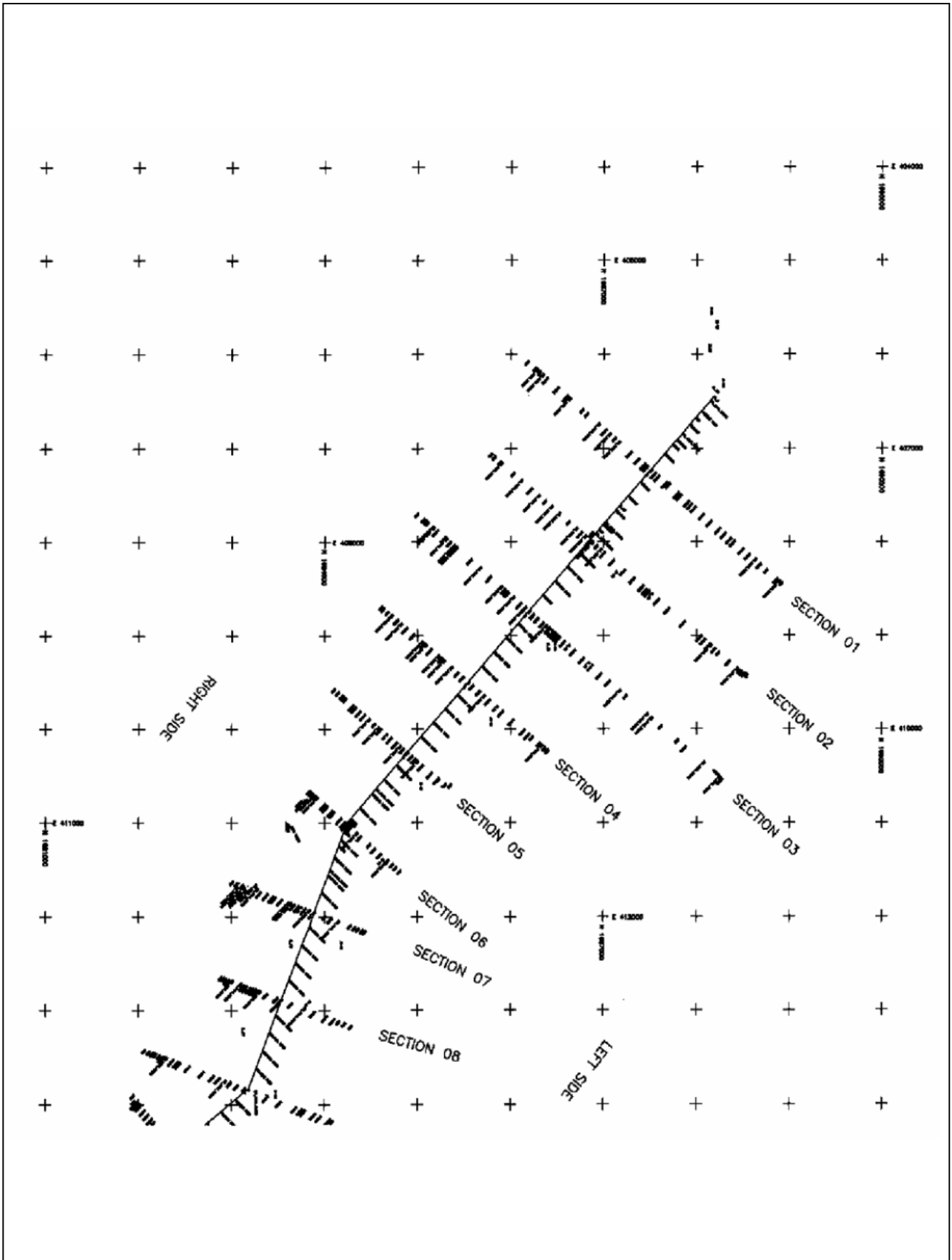


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Figure 1.4.1
**Location Map of Cross Section Survey in the
 Lower Bucao River**

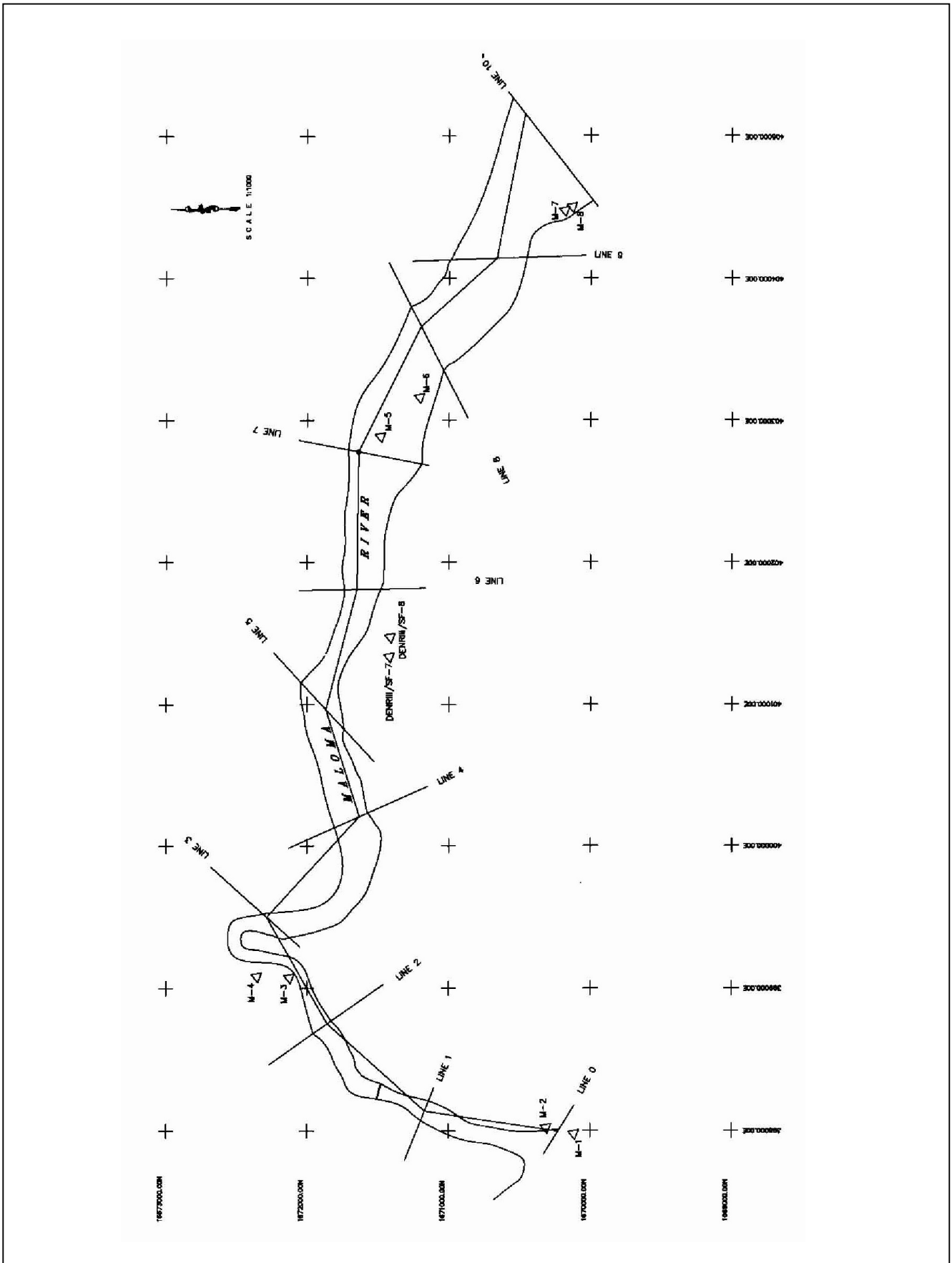


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Figure 1.4.2
**Location Map of Cross Section Survey in the
 Balin Baquero River**

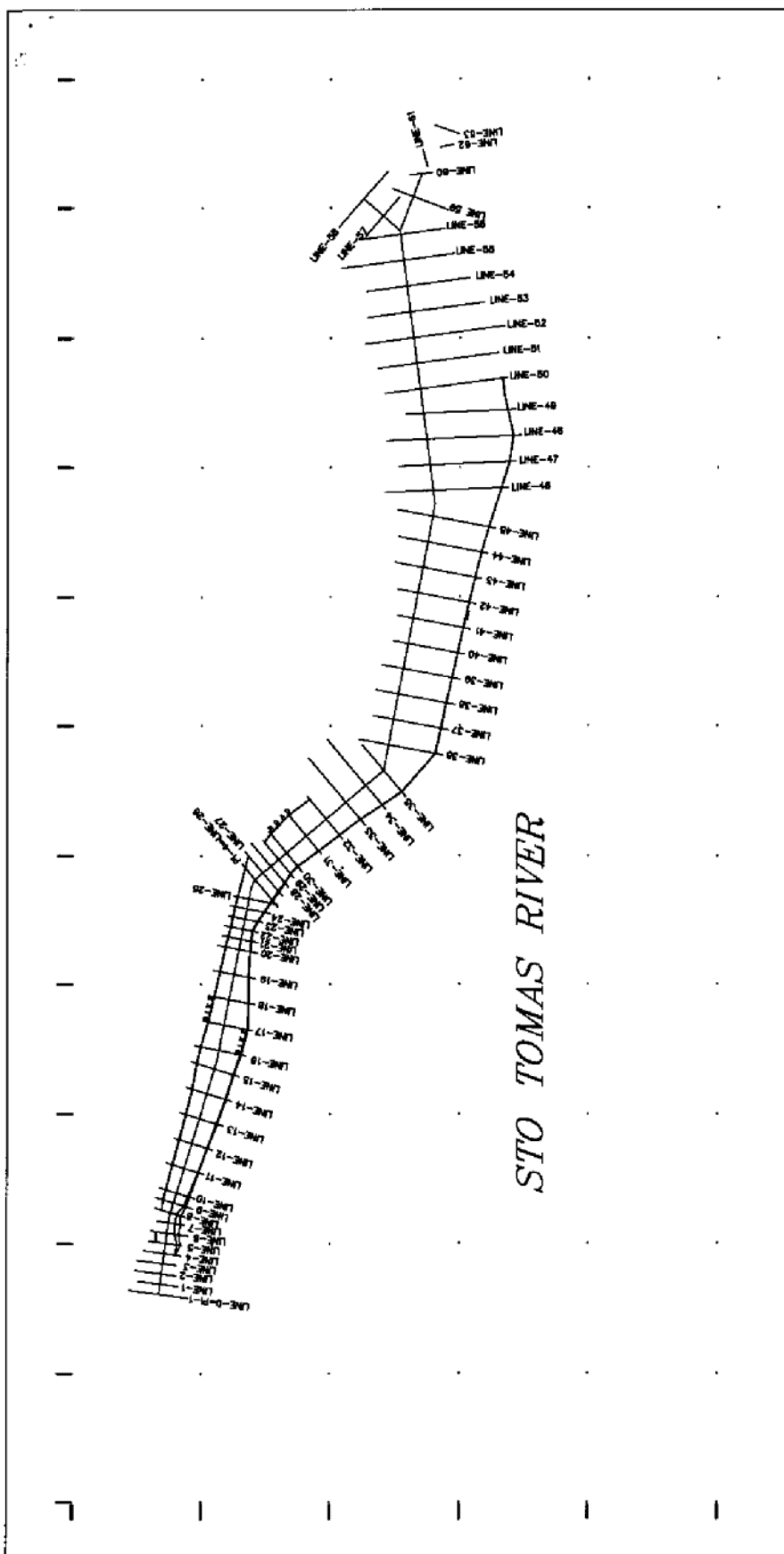


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Figure 1.4.3
**Location Map of Cross Section Survey in the
 Maloma River**

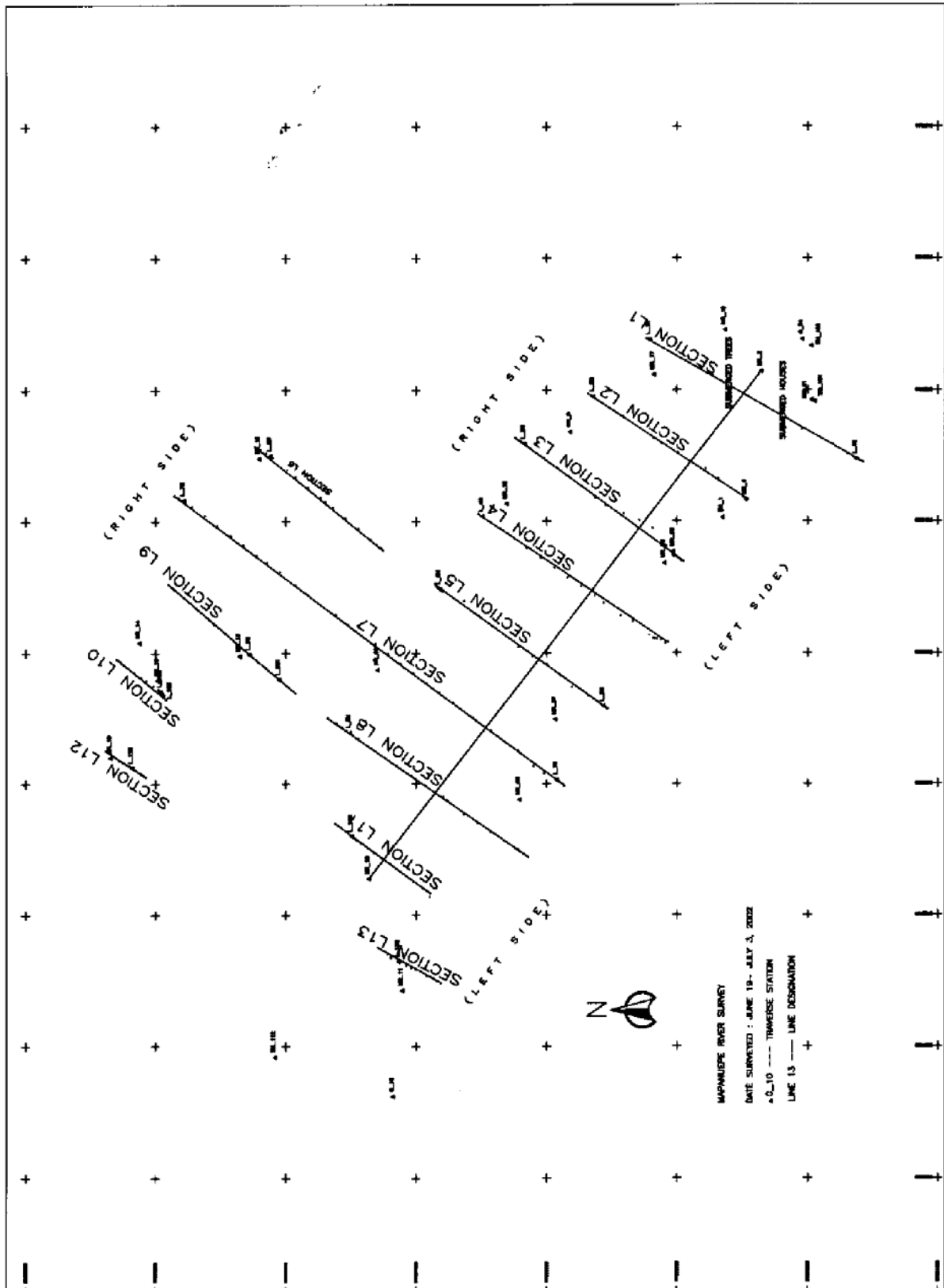


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Figure 1.4.4
**Location Map of Cross Section Survey in the
 Sto. Tomas River**



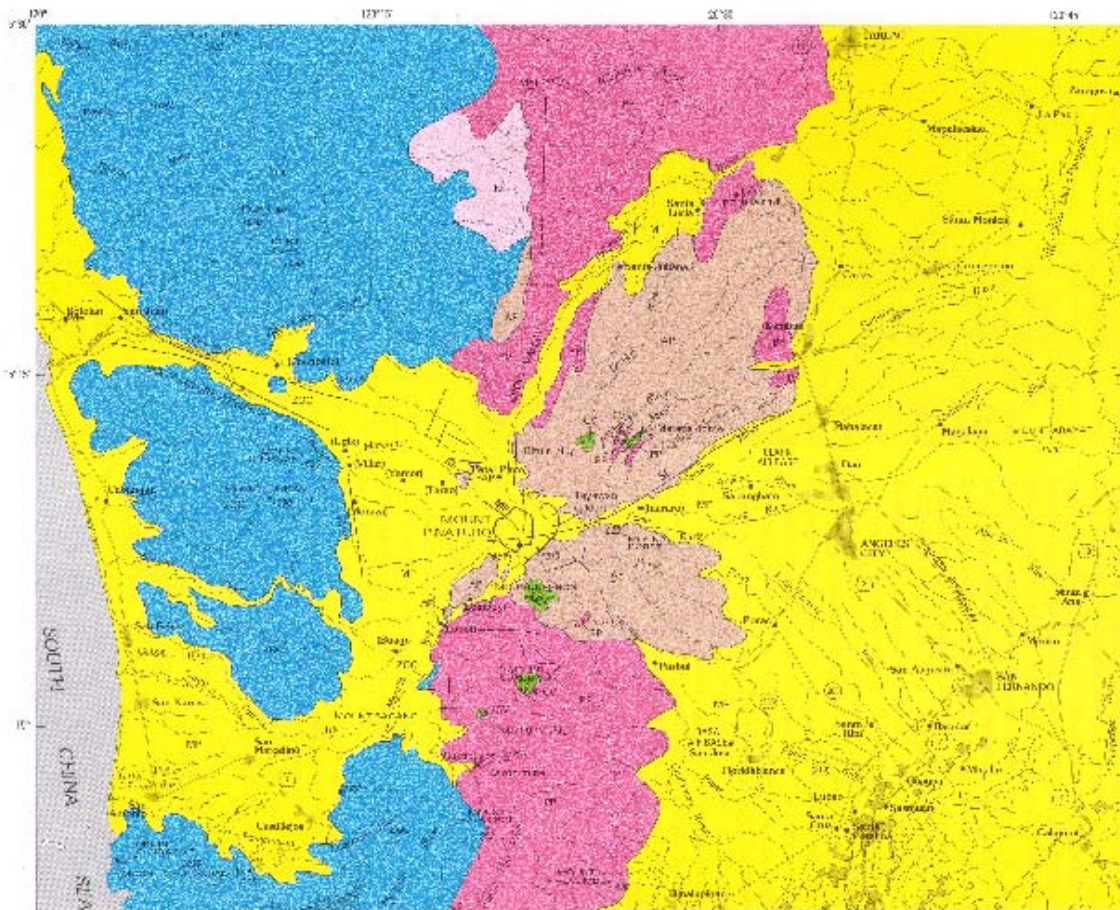
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Figure 1.4.5

**Location Map of Cross Section Survey in the
 Mapanuepe Lake**



EXPLANATION OF MAP UNITS

- MP** Volcanic rocks of modern Pinatubo (Holocene and late Pleistocene, 40 ka to present)—Mainly dacitic pyroclastic-flow and lahar deposits
- AP** Deposits of ancestral Pinatubo (Pleistocene)—Andesitic and dacitic pyroclastic-flow and lahar deposits, and lava flows
- CV** Ancestral satellite vent deposits (Pleistocene)—Andesite and dacite domes and plugs, contemporaneous with deposits of ancestral Pinatubo
- NI** Neogene intrusives (Pliocene? and Miocene)—Granodiorite and diorite porphyry
- PP** Pre-Pinatubo sedimentary and volcanic rocks, mostly Tarlac Formation (Early Pliocene and late Miocene)
- ZOC** Zambales Ophiolite complex (Eocene)—Mainly peridotite, gabbro, and basalt

EXPLANATION OF MAP SYMBOLS

- Contact—Dashed where inferred
- Fault—Dashed where inferred; MF, Maraunot Fault; SL, Sacobia Lineament
- Rim of Tayawan Caldera
- Boundary of caldera formed on June 15, 1991

Source: "Fire and Mud", 1996

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Figure 2.1.1

**Geological Map of Mount Pinatubo and
Environs**