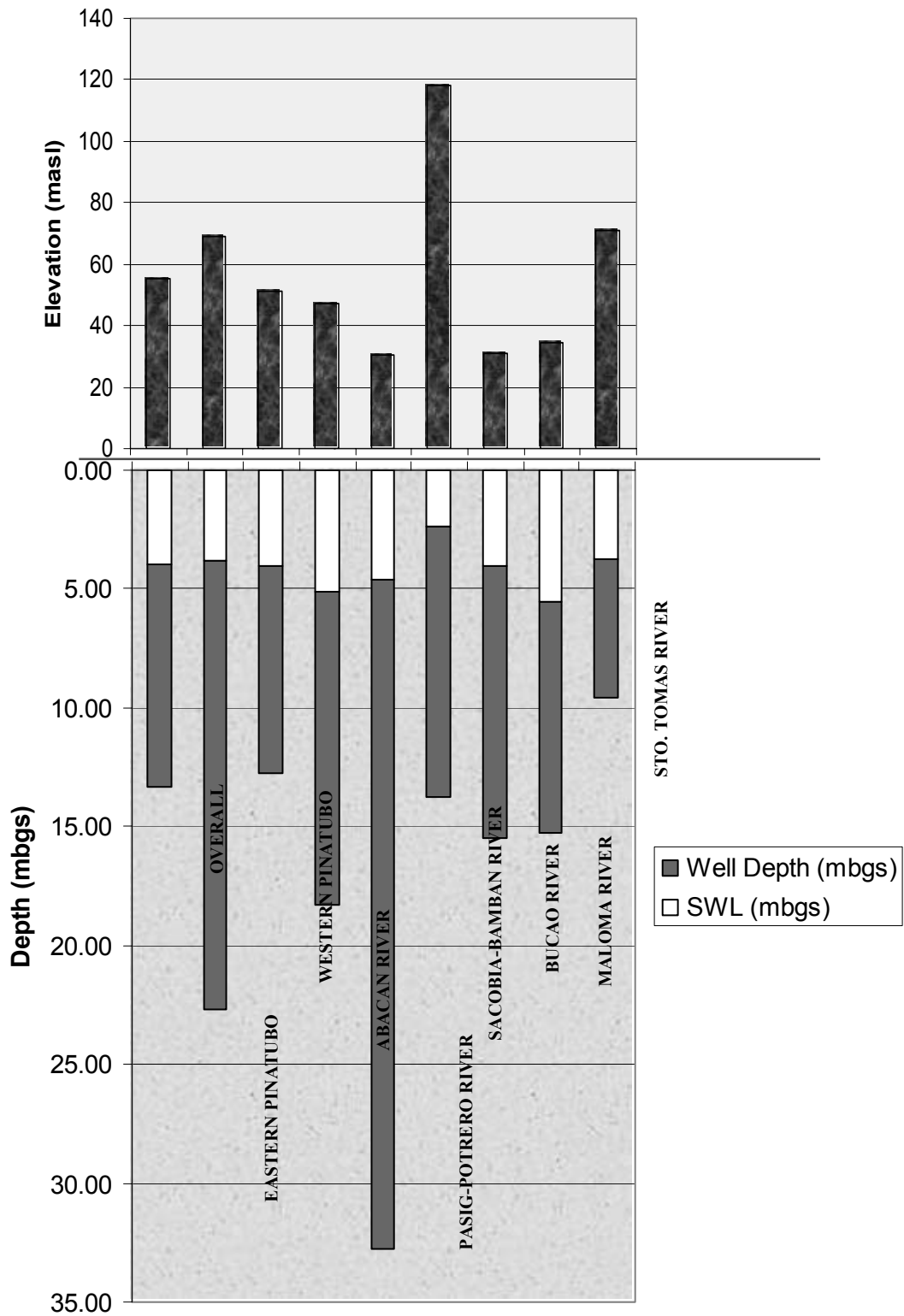


- ① Air Quality & Noise Sampling Station
- ① Water Quality Sampling Station

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**Figure 3.1.21**  
**Air/Water Quality and Noise Survey  
 Sampling Map**



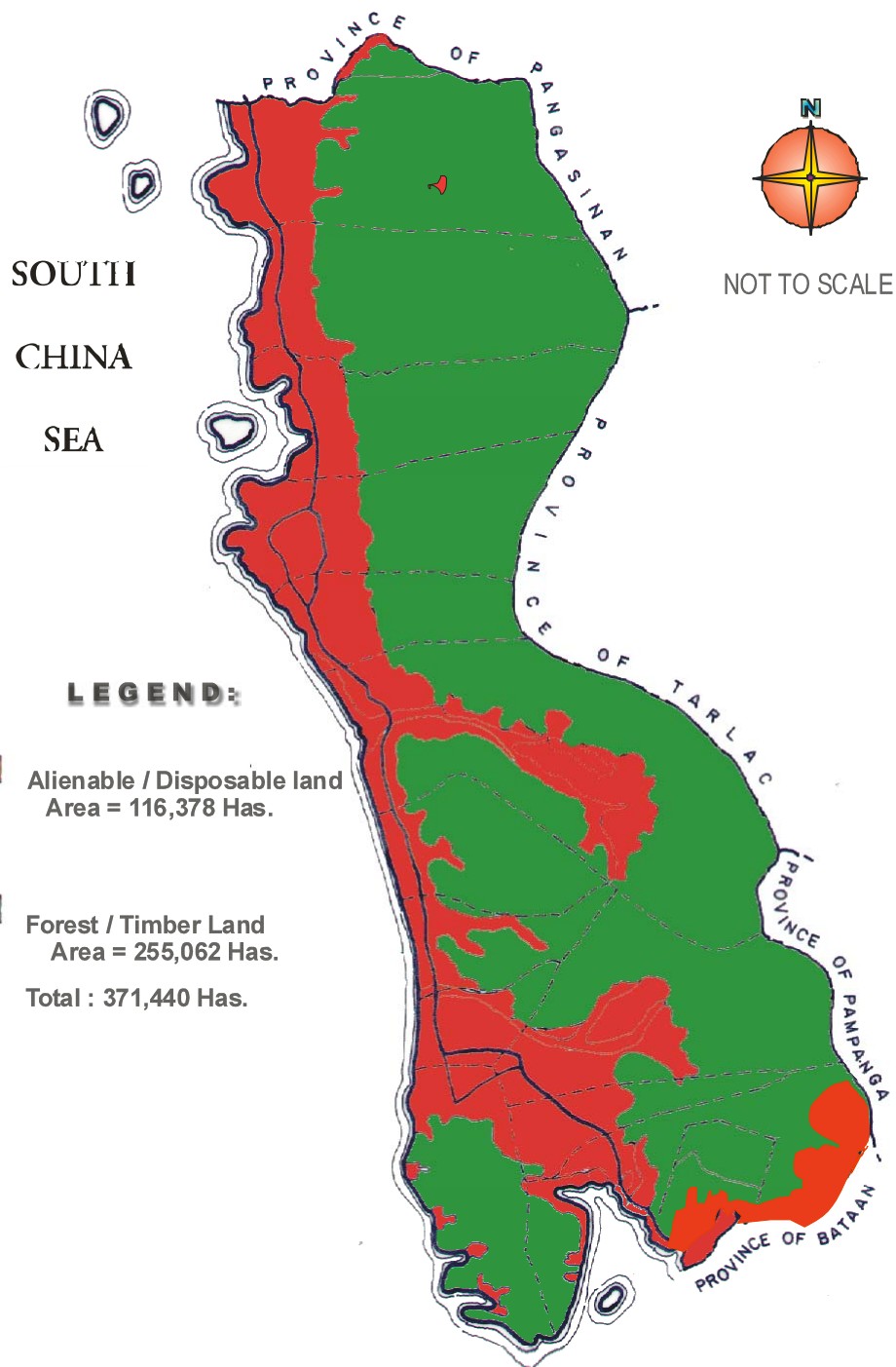
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**Figure 3.1.22**

**Groundwater Level Measurements**



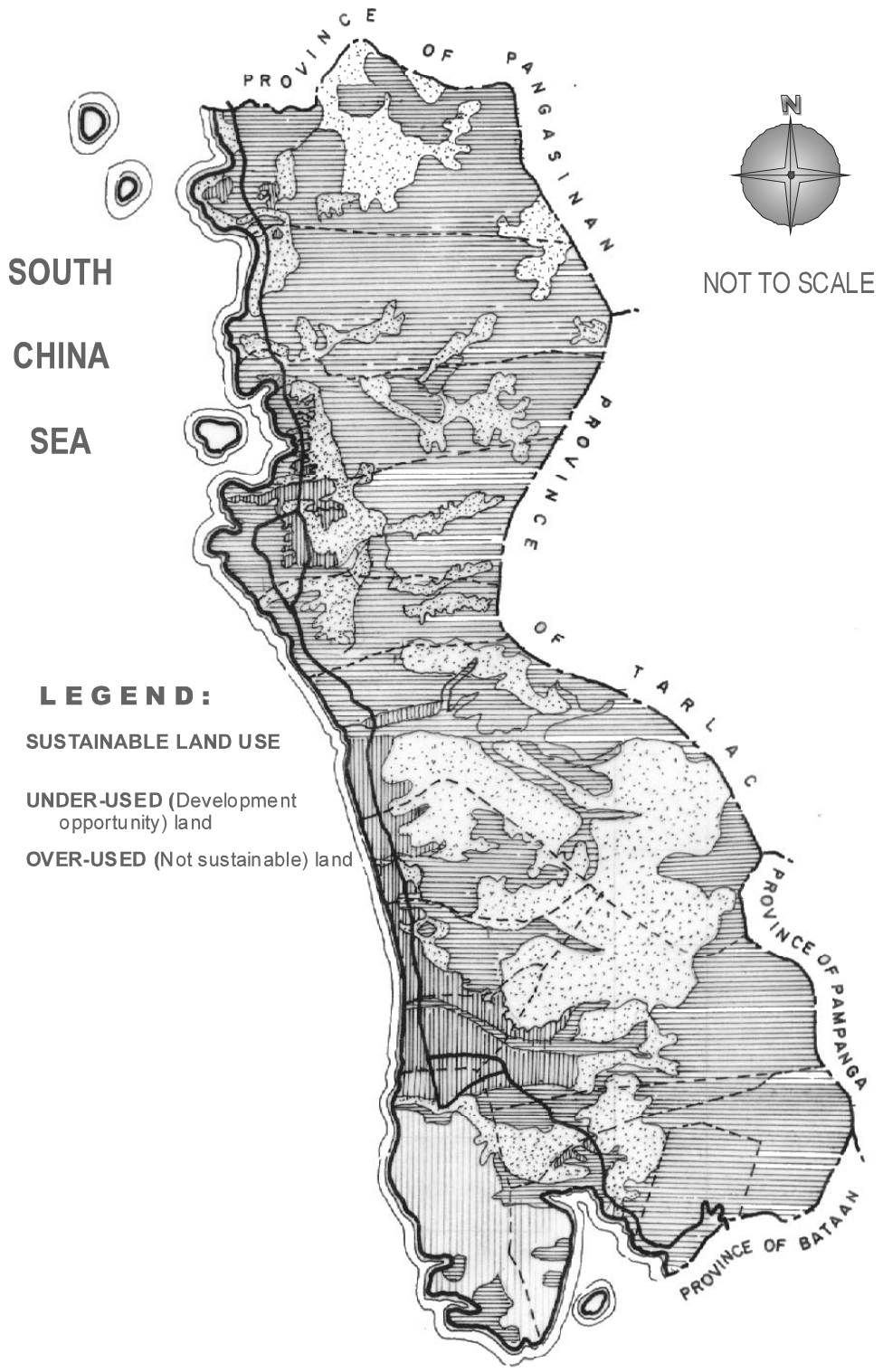
SOURCE: DENR 2000

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**Figure 3.1.23**  
**Land Classification Map**

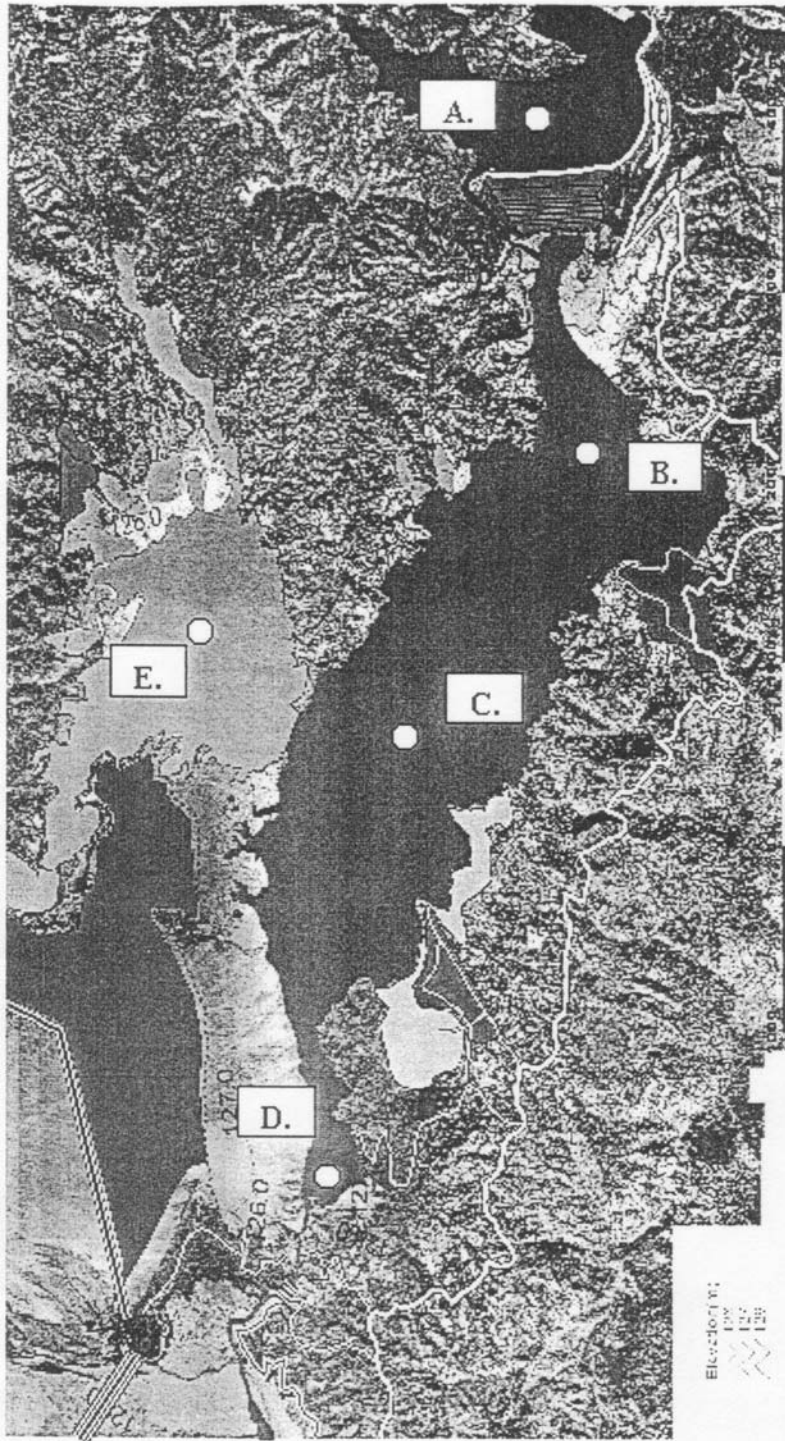


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**Figure 3.1.24**  
**Sustainable Land Use Map**



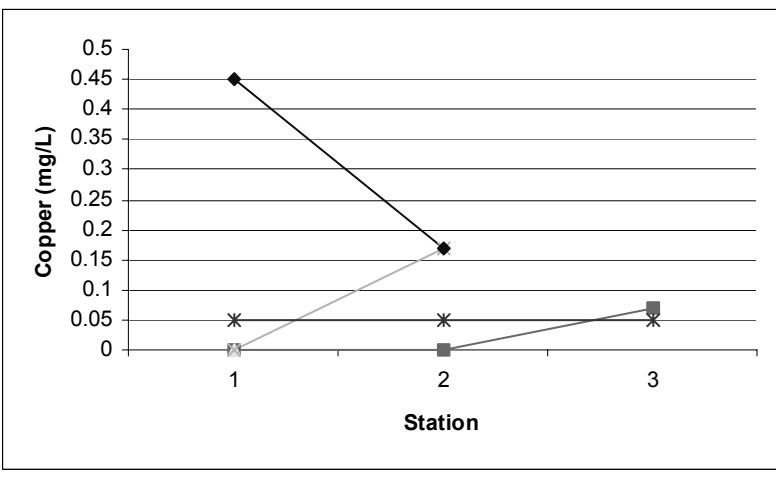
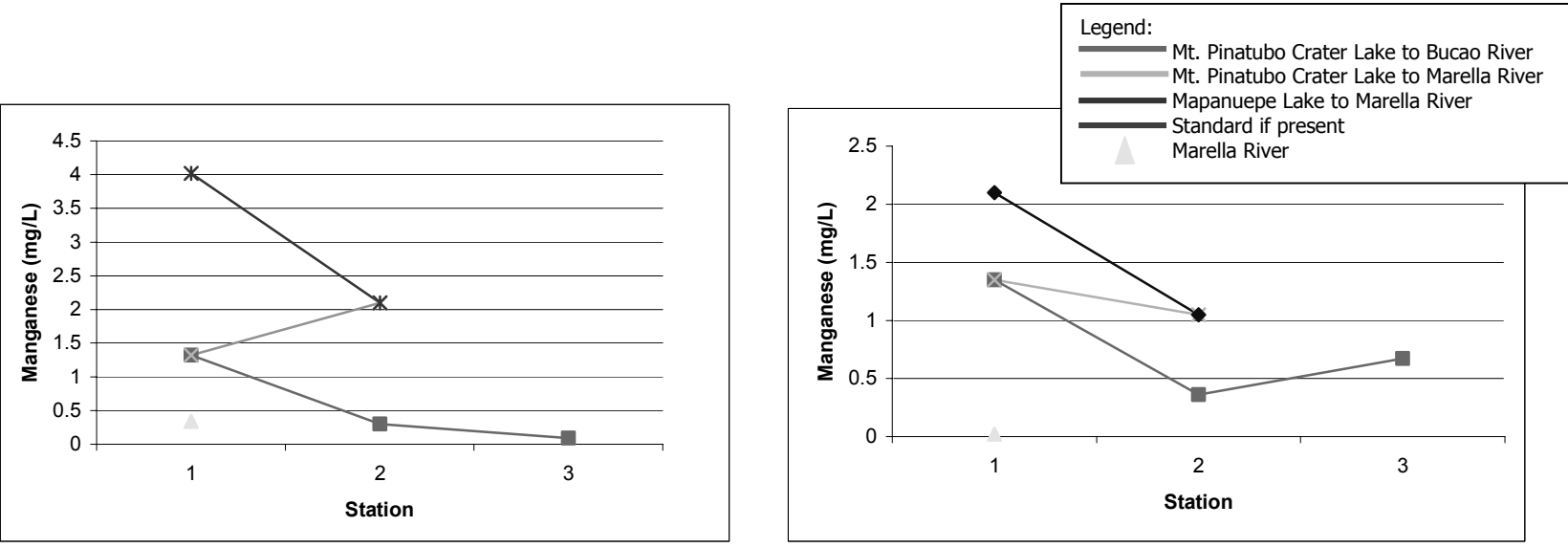
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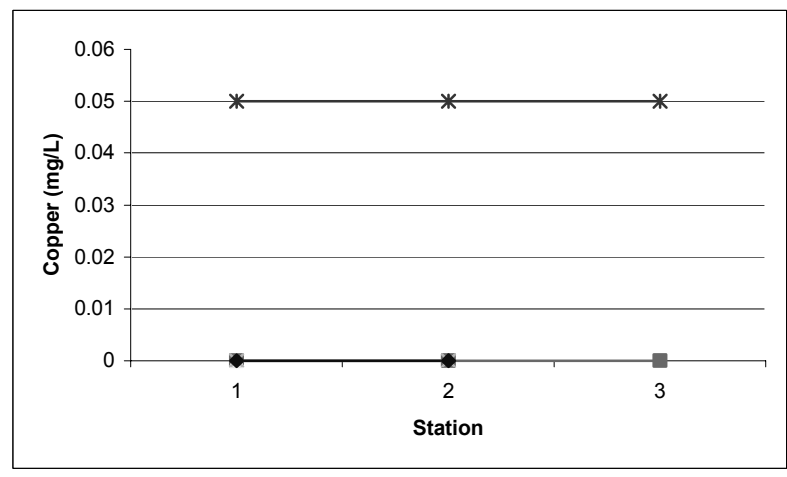
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**Figure 3.1.25**

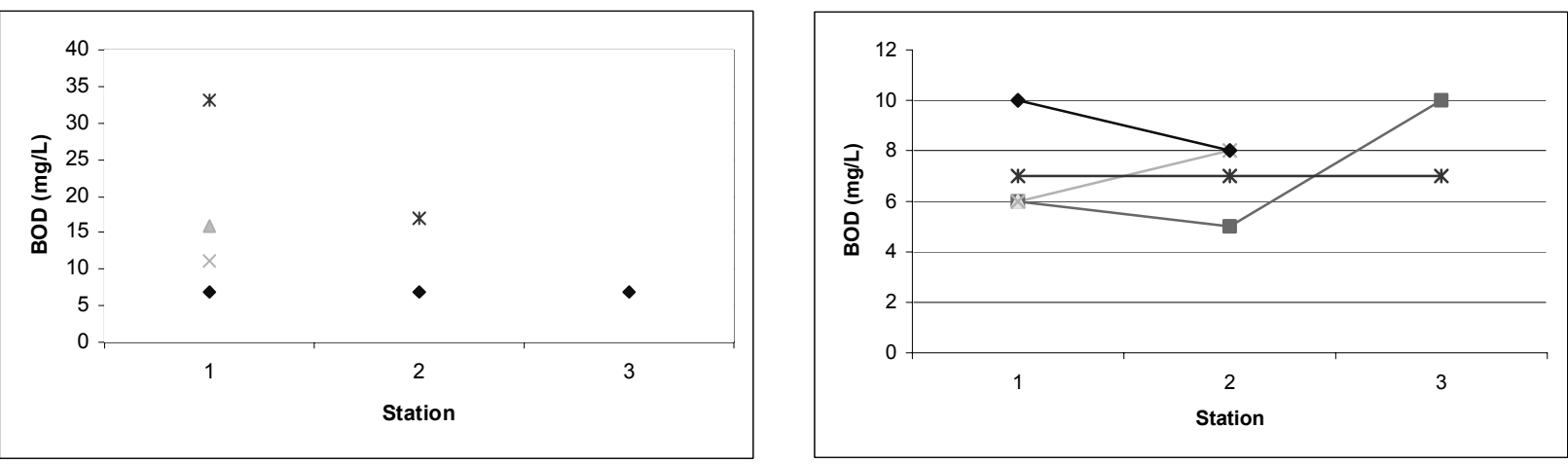
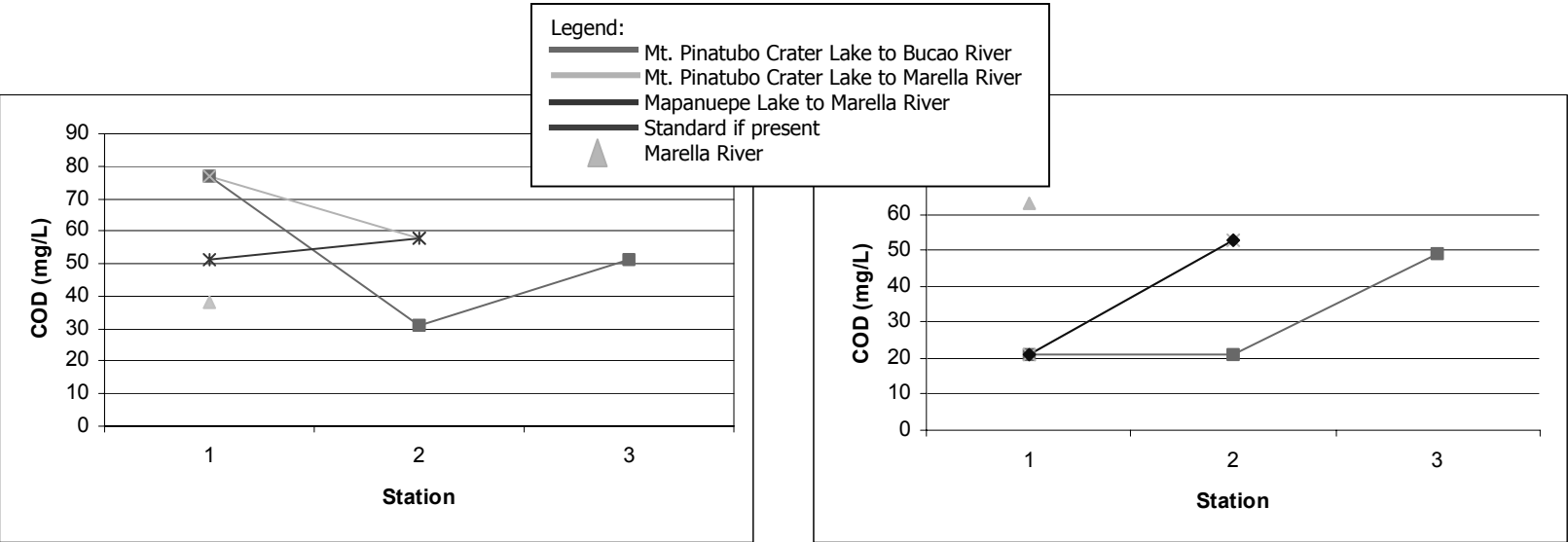
**Location Map of the Water Quality Sampling  
in Dizon Mines and Mapanuepe Lake**



DRY



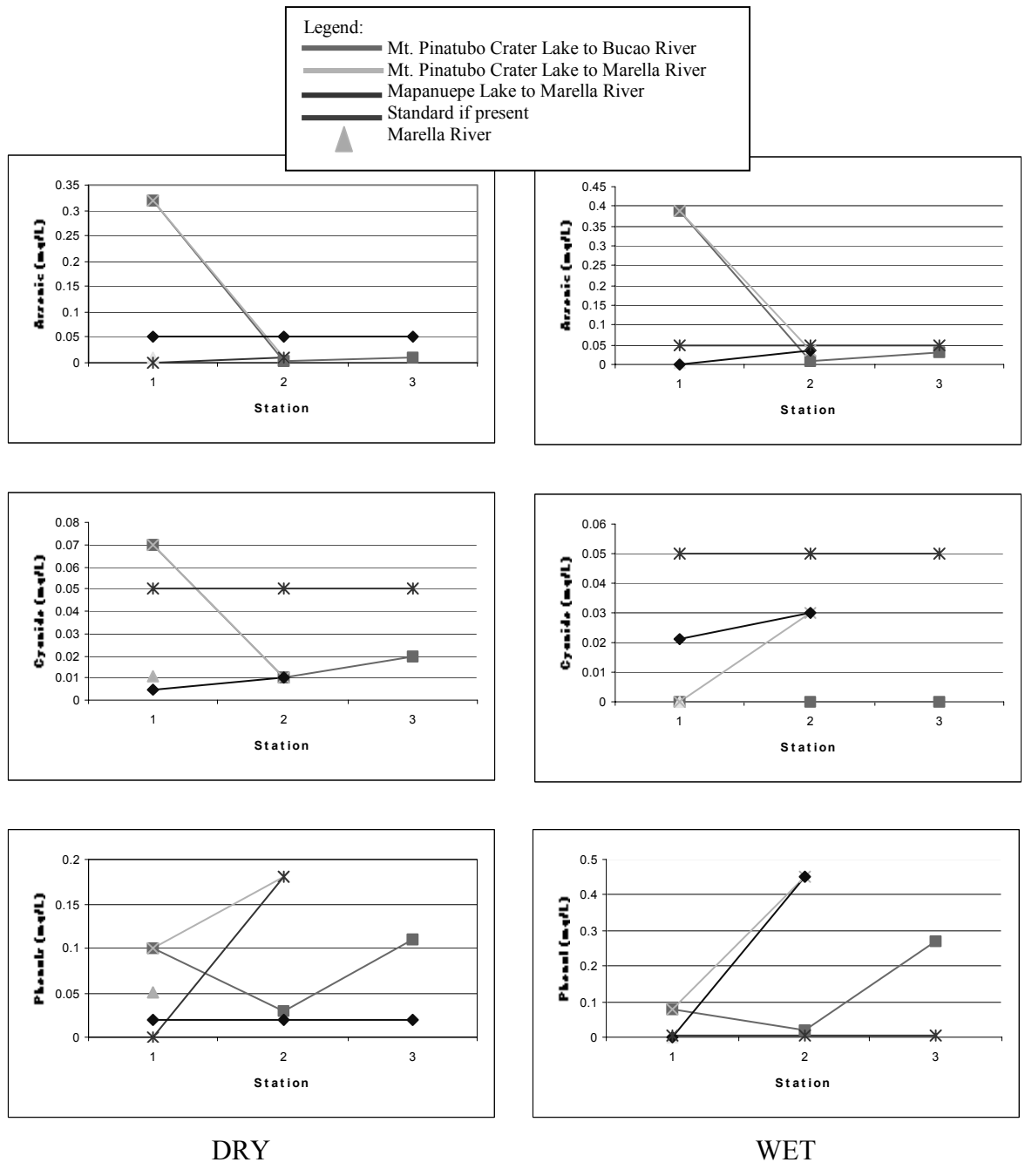
WET



DRY

WET

**Figure 3.1.27**  
Comparison of BOD and COD  
Concentrations during Dry and Wet Seasons



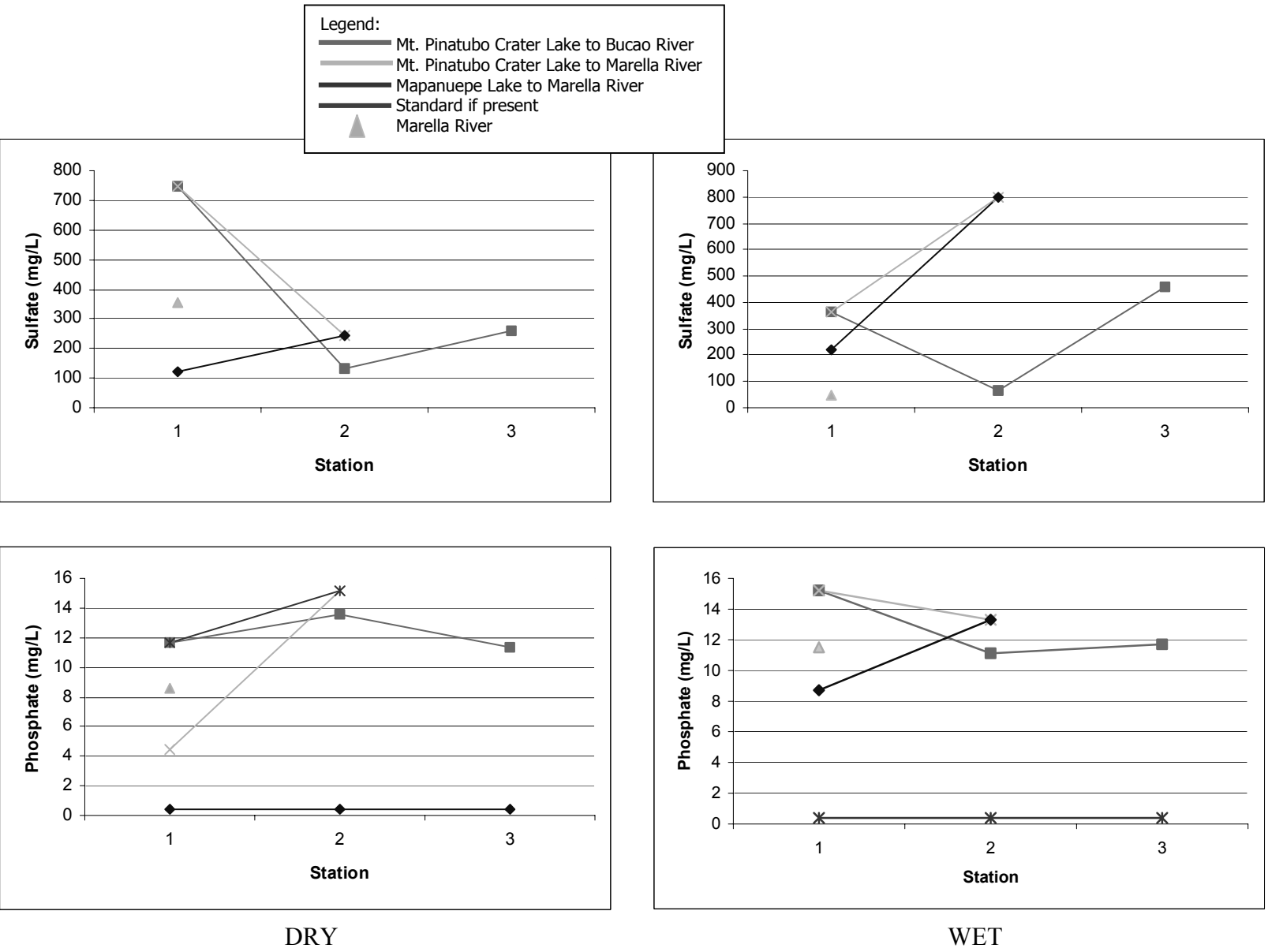
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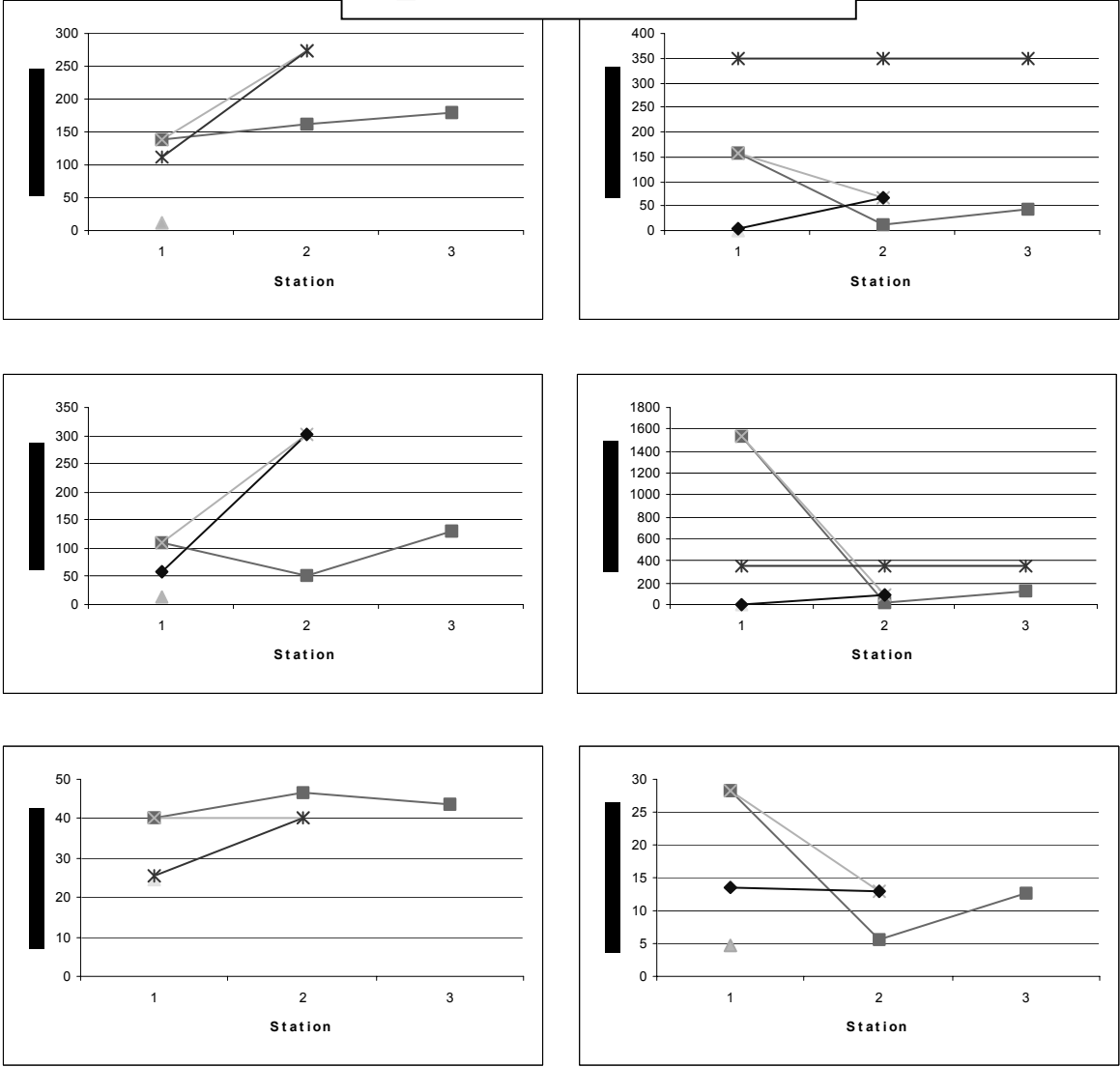
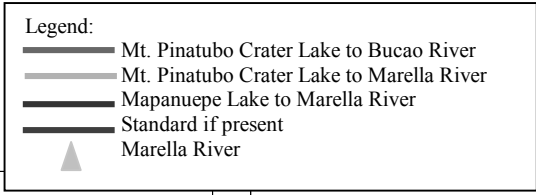
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**Figure 3.1.28**  
**Comparison of Arsenic, Cyanide and Phenols  
 Concentrations during Dry and Wet Seasons**





**Figure 3.1.29**  
**Comparison of Phosphate and Sulfates  
 Concentration during Dry and Wet Seasons**



DRY

WET

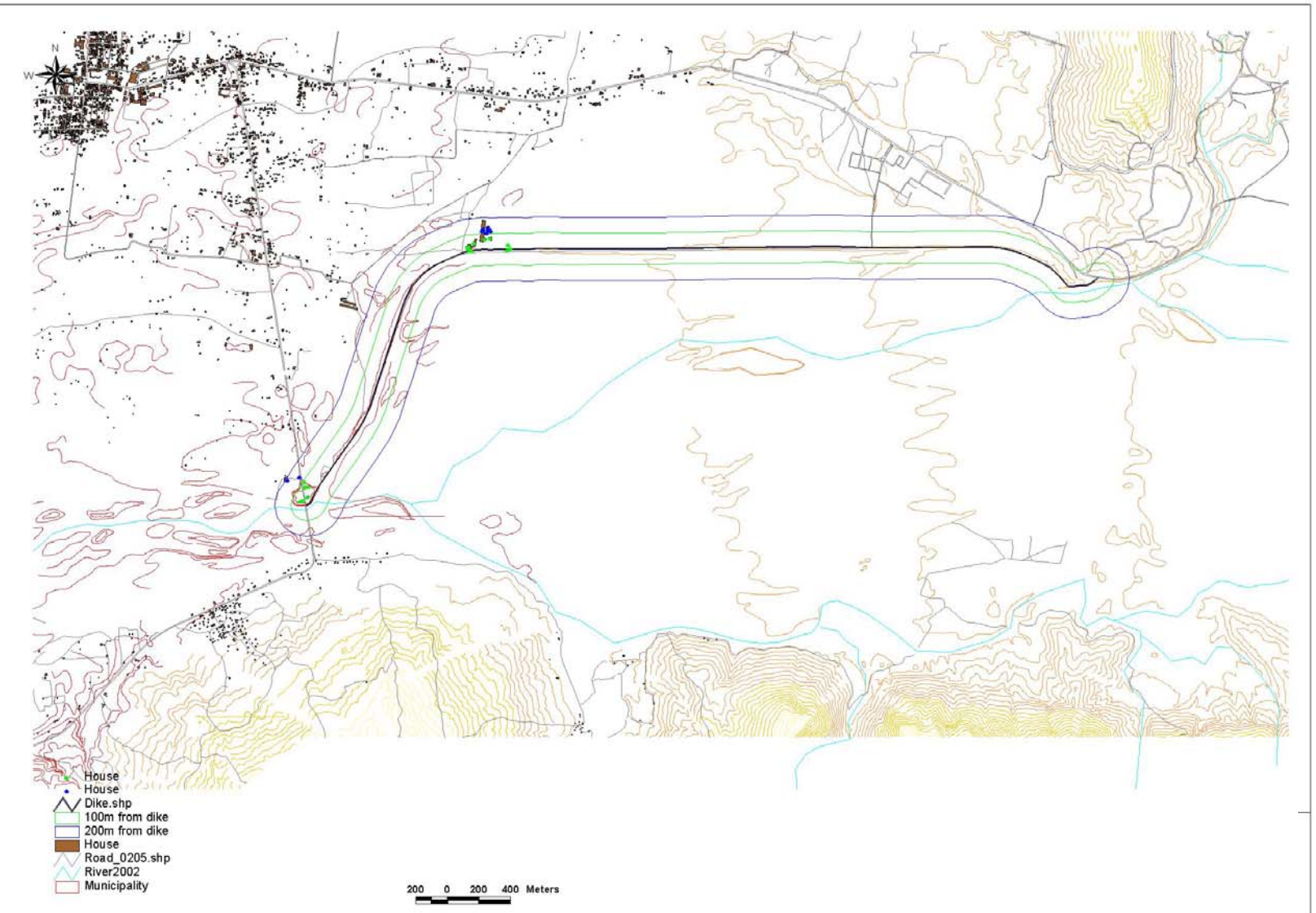
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**Figure 3.1.30**

**Comparison of Calcium, Chloride and  
Magnesium Concentrations during Dry and  
Wet Seasons**



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**Figure 3.3.1**

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**Location Map of Directly Affected Households  
along the Bucao River**

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