

**MINERALOGY AND MINERAL CHEMISTRY OF  
IGNEOUS ROCKS RELATED TO TUJUH BUKIT PORPHYRY  
COPPER-GOLD DEPOSIT, EAST JAVA, INDONESIA:  
AN IMPLICATION TO PROPYLITIC ALTERATION  
FORMING CONDITION**

THESIS



by

**POR Vannak**

**23/524363/PTK/15197**

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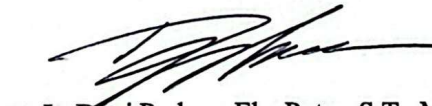
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