

**THE EFFECTS OF CLAY MINERALS ON RAINFALL-  
TRIGGERED LANDSLIDE AT KM 53 ON  
HIGHWAY 1095 (MAE MA LAI-PAI)**

**PORNTIPA KURERKUM**

**MASTER OF SCIENCE  
IN GEOLOGY**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
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**PORNTIPA KURERKUM**

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN GEOLOGY**

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF  
THE REQUIREMENTS FOR THE DEGREE OF  
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IN GEOLOGY


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Porntipa Kurerkum

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