

**PERBANDINGAN PERHITUNGAN VOLUME *STOCKPILE*  
BATU BARA MENGGUNAKAN DATA *TERRESTRIAL LASER*  
*SCANNER* (TLS) DAN DATA FOTO UDARA *UNMANNED*  
*AERIAL VEHICLE* (UAV)**

**SKRIPSI**



Oleh :

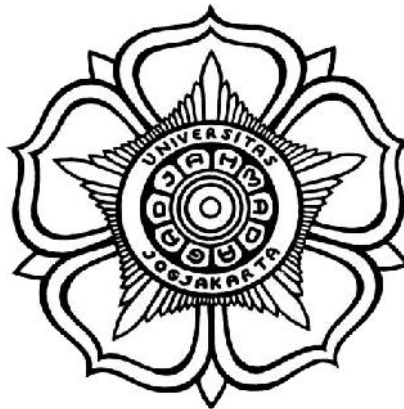
**RACHMADHIYA SALSABILA**

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**PROGRAM STUDI SARJANA TEKNIK GEODESI  
DEPARTEMEN TEKNIK GEODESI  
FAKULTAS TEKNIK  
UNIVERSITAS GADJAH MADA  
YOGYAKARTA  
2017**

# THE COMPARISON OF CALCULATING VOLUME OF COAL STOCKPILE USING TERRESTRIAL LASER SCANNER AND UNMANNED AERIAL VEHICLE DATA

FINAL PROJECT



By :

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**SKRIPSI**

Untuk memenuhi salah satu persyaratan dalam  
mencapai derajat Sarjana Teknik Program Studi Sarjana Teknik Geodesi



**Diajukan oleh :**

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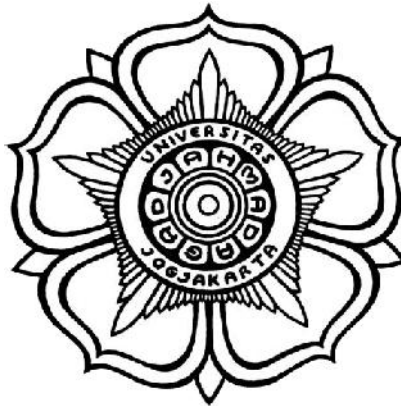
**Kepada :**

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# **THE COMPARISON OF CALCULATING VOLUME OF COAL STOCKPILE USING TERRESTRIAL LASER SCANNER AND UNMANNED AERIAL VEHICLE DATA**

## **FINAL PROJECT**

Submitted as a partial fulfillment of the requirement for obtaining degree of Bachelor of Engineering in the Study Program of Geodetic Engineering



By :

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To :

**STUDY PROGRAM OF GEODETIC ENGINEERING  
DEPARTMENT OF GEODETIC ENGINEERING  
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