

**PERHITUNGAN VOLUME *STOCKPILE* BATUBARA METODE
CUT AND FILL DENGAN PERANGKAT LUNAK SURPAC,
GLOBAL MAPPER DAN MINESCAPE BERDASARKAN DATA
PENGUKURAN RTK RADIO GNSS**

SKRIPSI



PRASTYO BAYU NUGROHO

16/395038/TK/44330

PROGRAM STUDI SARJANA TEKNIK GEODESI

DEPARTEMEN TEKNIK GEODESI

FAKULTAS TEKNIK

UNIVERSITAS GADJAH MADA

2021

**CALCULATION OF COAL STOCKPILE VOLUME
USING CUT AND FILL METHOD WITH SURPAC,
GLOBAL MAPPER AND MINESCAPE SOFTWARE
BASED ON GNSS RTK RADIO MEASUREMENT DATA**

FINAL PROJECT



PRASTYO BAYU NUGROHO

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**UNDERGRADUATE STUDY PROGRAM OF GEODETIC ENGINEERING
DEPARTMENT OF GEODETIC ENGINEERING
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
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