

**KAJIAN OPTIMISASI PIT PADA PENAMBANGAN ANDESIT  
MENGUNAKAN METODE LERCHS-GROSSMAN**

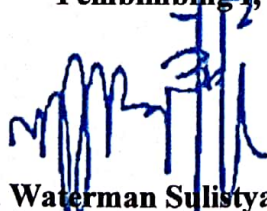
**Oleh:**

**WAHYU IDI PANGESTU  
112180016**



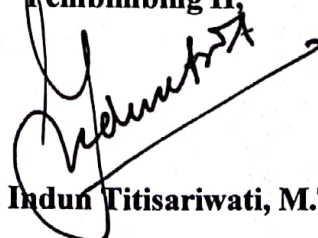
Disetujui untuk  
Program Sarjana  
Program Studi Teknik Pertambangan  
Jurusan Teknik Pertambangan  
Fakultas Teknologi Mineral  
Universitas Pembangunan Nasional "Veteran" Yogyakarta  
Tanggal: 20 Oktober 2022

**Pembimbing I,**

A handwritten signature in blue ink, consisting of several loops and vertical strokes, representing the name Waterman Sulistyana B.

**(Dr. Ir. Waterman Sulistyana B, M.T.)**

**Pembimbing II,**

A handwritten signature in black ink, featuring a large, stylized initial 'I' followed by several loops and a long horizontal stroke at the end, representing the name Indun Titisariwati.

**(Dra. Indun Titisariwati, M.T.)**