



SKETCHMINE INDONESIA
DESIGN TRAINING & CONSULTING



CERTIFICATE

Number : 009/SER/MPD/MSI/VII/2021

MINING COMPETENCY TRAINING

Presented to :

ARDY HARDIKA PUTRA

as a participant

Has Successfully Completed Mineplan & Design Training On Coal Case Study For:
Geological Database, DTM Surface and Solid Model, Block Model, Pit Design and Waste Dump Design,
Road Design, Mine Scheduling

Dated this 25th July 2021 - 27th July 2021
by CV. Media Sketchmine Indonesia



Yogyakarta, 27th July 2021

Instructor

 SKETCHMINE
INDONESIA

Makrus Ali

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