

MineWise Operational Report

Monthly Report • Last 30 Days

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1. Executive Summary

This section summarizes production performance, weather impact, equipment availability, road conditions, and key operational risks for the selected period.

Snapshot:

- Total Production : 12850 ton (Target: 15000 ton)
- Achievement (%) : 85.7%
- Avg Production / Day : 1850 ton/day
- Active Excavators : 9
- Active Dump Trucks : 8
- Weather Highlight : 45.8 mm (Heavy) (Temp: 24.1°C – 28.9°C)
- Road Status Highlight : Slippery (Friction: 0.32, Alert: High Risk Alert)

AI Summary:

- Produksi menurun 14.3% dari target.
- Cuaca ekstrem berpotensi menghambat hauling.
- Road B menyebabkan bottleneck pada haul fleet.
- AI menyarankan maintenance shift penyesuaian.

Key Performance Indicators (KPI)

Metric	Value
Total Production	12850 ton (Target 15000 ton)
Achievement %	85.7%
Active Excavators	9
Active Dump Trucks	8

4. Equipment Status

Condition Summary

Condition	Units
Excellent	31
Good	37
Maintenance Required	17
Slightly Damaged	12
Severely Damaged	8

Fleet Overview

Type	Active	Maintenance	Idle
Excavator	9	2	3
Dozer	5	1	1
Truck	8	3	2

Type	Active	Maintenance	Idle
Wheel Loader	10	2	5
Grader	7	0	4

5. Road Conditions

Haul Road Overview (Dashboard)

Road	Status	Speed	Friction	Water
Road A	Normal	22 km/h	0.45	0 cm
Road B	Waspada	12 km/h	0.35	5 cm
Road C	Banjir	8 km/h	0.21	17 cm

8. Risk Assessment

Weather-related Risk

Field	Value
Score	79
Title	High weather-related danger
Description	High risk of weather-related delays detected.