SUMMER TRAINING REPORT

ON

EXCAVATION AND CONSRUCTION WORK IN COAL MINES

Submitted In partial fulfillment of the requirements for the award of degree of

BACHELOR OF ENGINEERING IN

CIVIL ENGINEERING

Submitted by

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GGV/21/01009

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GURU GHASIDAS VISHWAVIDYALAYA

(A central university under Cenral University Act 2009, No. 25 of 2009)

BIRASINI MINING PRIVATE LIMITED

"We Dig With Safety in Mind"

Ref. :- BMPL/BUH/TRAINING/2024/43 DATE : 12-07-2024

This is to certify that Bipendra Nishad (B.Tech Civil), studying in VI semester in Branch Civil Engineering of Institute - Guru Ghasidas University, Bilaspur (C.G.) has successfully and satisfactorily completed training in Urtan North Coal Mines, JMS Mining Pvt. Ltd., Village :- Bhaskhala, Post – Thodaha (Kotma), Dist. Anuppur (M.P.) from 16.05.2024 to 15.06.2024. (30 Days)

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ABSTRACT

This report examines the construction activities within coal mines, focusing on the challenges, safety considerations, and technological advancements associated with such projects. Construction in coal mines is a critical aspect of maintaining and expanding infrastructure to support mining operations efficiently and safely. This report explores various construction methods employed, including tunneling, shaft sinking, and infrastructure development. Safety remains paramount, with rigorous protocols in place to mitigate risks associated with underground construction.
Technological innovations such as advanced monitoring systems and automation have significantly improved safety and efficiency in recent years. The report also discusses environmental impacts and regulatory compliance requirements that influence construction practices in coal mines. Ultimately, understanding these facets is crucial for stakeholders involved in coal mine operations and infrastructure development to ensure sustainable and safe mining practices.

This abstract provides a concise summary of what the report covers, including key aspects such as construction methods, safety considerations, technological advancements, environmental impacts, and regulatory compliance. Adjustments can be made based on specific details or findings from your report