



Potential Fatal Event: Unplanned Drilling Breakthrough

Preliminary Incident Details

Operation	PT Freeport Indonesia
Date / Time	May 12, 2023 / 9:30 p.m.
Type	Near Miss
Summary	Three Alimak contractor operators were installing ground support inside an underground muck raise. Simultaneously, a Cabolter contractor was drilling to install ground support in a nearby dewatering drill station and intersected a void. At this time, one of the three contractors working on the muck raise saw the drill string enter the space and alerted the team to evacuate. The Cabolter contractor continued drilling a second hole and intersected where an Alimak safety motor previously was located. Alimak notified the Cabolter contractor to stop work.
Fatal Risk	Entanglement/Crushing
Risk Category	Actionable
Pre / Post Rating	Significant (3) Likely (3)
Findings / Missing Controls	Current breakthrough procedure only makes provisions for the intersection of development headings, not for the potential of ground support to intersect other development headings.
Applicable Policies / Procedures	SOP-6.01-UG-A1: Approval to Excavate Procedures in The Division Underground Mine SOP-6.01-UG-D07: General Procedure of Unscheduled Blasting SOP-6.01-UG-D06: Scheduled Blasting General Procedure
Employee Condition	No injury
Contact	Phillip Murphy, Underground Safety

Photos / Links



Photo from inside muck raise