

RESEARCH ON DEVELOPMENT OF BOREHOLE DRILLING TECHNIQUE WITH WORK-LABOR SAVING FOR ROCK-MASS SLOPE INVESTIGATION

Abstract : This report describes the results of development of borehole drilling technique with work-labor saving for rock-mass slope investigation. We developed a compact drilling machine for a rock-mass investigation, and equipped a mobile elevating work platform with the drilling machine to save cat walks and steps for rock-mass slope. The drilling technique enabled to make duration of investigation shorter than that of conventional one.

Key Words : rock-mass slope, borehole, drilling machine, work-labor saving