

عنوان مقاله:

Slope Stability Analysis of SHAKPAKBABA - A First Tunnel of KAZAKHSTAN, in International Transport Corridor

محل انتشار:

دومین کنفرانس ملی مکانیک خاک و مهندسی پی (سال: 1394)

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خلاصه مقاله:

Shakpak Baba Tunnel Project" is located at the vicinity of the city of Shymkent along the international transport corridor of Khargvs-Almaty-Shymkent in" Kazakhstan to Uzbekistan border. The project consists of two main tunnels and a construction adit to their midways. The rock slopes of the inlet and outlet portals of the Main tunnels, inlet portal of Adit and its access road have been assessed taking into consideration the characteristics Of joints, different direction of the slopes for different probable sliding conditions, namely as planar failure, wedge failure and toppling failure. In this paper, The SWEDGE .and ROCPLANE are software have been used to carry out the analyses of the kinematical slope stability and planar sliding

کلمات کلیدی:

Shakpak Baba tunnel, slope stability, SWEDGE, ROCPLANE, numerical analysis

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