

## عنوان مقاله:

(Studying the Probability of Liquefaction Between Western- Shaft and C2 Station zone (2nd Line of Tabriz Metro

## محل انتشار:

هشتمین کنگره ملی مهندسی عمران (سال: 1393)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

One of the most dramatic causes of damage to structures like buildings, bridges, fundamental structures and ... during earthquakes is the occurrence of liquefaction. In this study, by using Novoliq software and results of in-situ tests such as SPT, have been assessed the probability of liquefaction between Western-Shaft and C2 Station zone (2nd line of Tabriz metro). In this research, have been excavated 28 borehole and 4 wells. Results showed that, if Tabriz Fault was active, occurrence of liquefaction would be happened. Also have been proposed that in this zone, between Western-Shaft and C2 zone, according to economics of project, performance possibility and facility, technical and performance limitations, it is better to use compact grouting for ground improvement

## کلمات کلیدی:

Liquefaction, Standard Penetration Test (SPT), Novoliq, 2nd line of Tabriz metro

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/295568>

