

Journal of Engineering Geology

Contents

Soltanalizadeh A., Ramezanzadeh A., Jalali S. M. E.

Determining Appropriate Natural Caves for Underground Crude
Oil Storage by Admixture FAHP and TOPSIS Methods

Shariatmadari N., Yazdanpanah M. M., Saeidijam S.

The Effect of Sodium Chloride Solution on Swelling,
Compressibility and Permeability of Bentonite

Salehi Moteahed F., Hafezi Moghadas N., Ghafoori M.,

Lashkaripour G. R.

Hazard Evaluation of Qanat in the West of Mashhad by
PLAXIS Software

Fatemi Aghda S. M., Mahdaviifar M. R., Bagheri V.

Zonation of Sarein Landslides Triggered by February, 1997
Earthquake Using Qualitative Method

Mazaheri A. R., Noorzad A., Emam M. R.

Examination of Cracking Potential in the Low-Plasticity Clay
Core Earth Dam

Hadi M., Ajalloeian R., Sadeghpour A.H.

Evaluation the Effect of Adding Bentonite on Fine-grained Soil
Behavior

Yarahmadi A. R., Kakmami S., Gholamnejad J.,

Sadeghi M. T., Mobini M.

Determination of Discontinuities Geometry Using Digital Image
Processing Techniques

Journal of Engineering Geology

Vol. 8, No.3
Autumn 2014

Journal of Engineering Geology

Executive Manager: Fatemi Aghda, S.M., Associate Professor

Editor-In-Chief: Ghanbari A., Associate Professor

Director: Noorzad, A., Associate Professor

Manager: Torabi, F.

Editorial Board:

Fahimifar A., Professor

Fatemi Aghda S.M., Associate Professor

Ghafoori M., Professor

Ghanbari A., Associate Professor

Ghobadi M.H., Professor

Khamechian M., Professor

Lashkaripur Gh., Professor

Mehrabi B., Associate Professor

Nakhaei M., Associate Professor

Uromeihy A., Associate Professor

Pourkermani M., Professor

Co-Editors:

Shadrooymansh M., Associate Professor

Ataei, M. R., Associate Professor

Address:

Kharazmi University

No. 43, Mofateh Ave. - Zip Code: 15719-14911

P.B.: 15815-3587, Tehran, Iran

Tel: +98-21-88329212

Fax: +98-21-88825580

E-mail: eng.geology@khu.ac.ir, jegeo1382@gmail.com

Web page: <http://jeg.khu.ac.ir/>

Vol. 8, No.3

Autumn2014

Contents

Soltanalizadeh A., Ramezanzadeh A., Jalali S. M. E.

Determining Appropriate Natural Caves for Underground Crude Oil Storage by Admixture FAHP and TOPSIS Methods

Shariatmadari N., Yazdanpanah M. M., Saeidijam S.

The Effect of Sodium Chloride Solution on Swelling, Compressibility and Permeability of Bentonite

Salehi Moteahed F., Hafezi Moghadas N., Ghafoori M., Lashkaripour G. R.

Hazard Evaluation of Qanat in the West of Mashhad by PLAXIS Software

Fatemi Aghda S. M., Mahdaviifar M. R., Bagheri V.

Zonation of Sarein Landslides Triggered by February, 1997 Earthquake Using Qualitative Method

Mazaheri A. R., Noorzad A., Emam M. R.

Examination of Cracking Potential in the Low-Plasticity Clay Core Earth Dam

Hadi M., Ajalloeian R., Sadeghpour A.H.

Evaluation the Effect of Adding Bentonite on Fine-grained Soil Behavior

Yarahmadi A. R., Kakmami S., Gholamnejad J.,

Sadeghi M. T., Mobini M.

Determination of Discontinuities Geometry Using Digital Image Processing Techniques