بخشی از ترجمه مقاله

عنوان فارسی مقاله:
اصلاح دوگاه برای آب بندي سدهای خاکی

عنوان انگلیسی مقاله:
Development of grout for additional seal embankment dams

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
7. Conclusion

The main raw materials for remediation of embankment (incoherent) dams are clay suspensions. Clay suspensions are made from mixtures of clay, water, suitable alternative materials, binders and chemicals (plasticizing additives), which allow coagulation of the mixture after certain time. After pumping this mixture into the pores of the soil, the mixture has virtually no strength, but is able to withstand high water pressures. The requirements regarding the mixture vary according to the state of the dam. An important parameter for choosing the individual raw materials is their granulometry and mineralogical composition. In current practice, it is the clay that meets the requirements for the design of the grouting mixture. Ash and fly ash are potential alternative raw materials, which would partly replace the clay and thereby reduce the cost.