

Soil stabilization technology

Creation of a hydraulically solidified base layer in the course of the execution of a test field

Jobsite report

Roads

Location Kampala, Uganda

Execution February 2015

Milling depth 30 cm



Initial situation - the area has been extremely contaminated with waste



Bigger waste particles have been selected manually



Preparation of the area



Milling of the initial soil material



Delivery of the cement

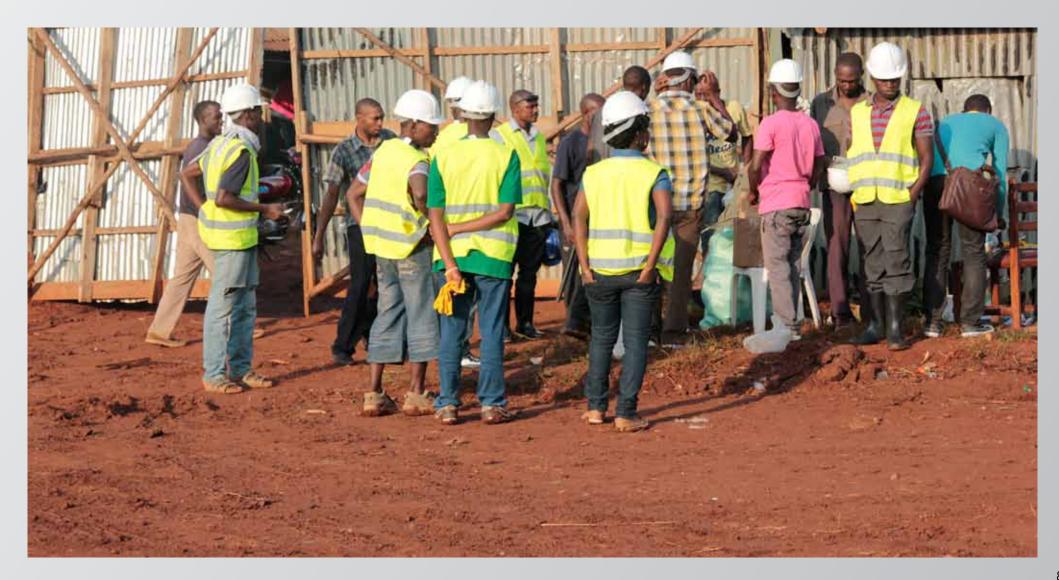


Storage of the cement

NovoCrete[®]



Short briefing for the workers



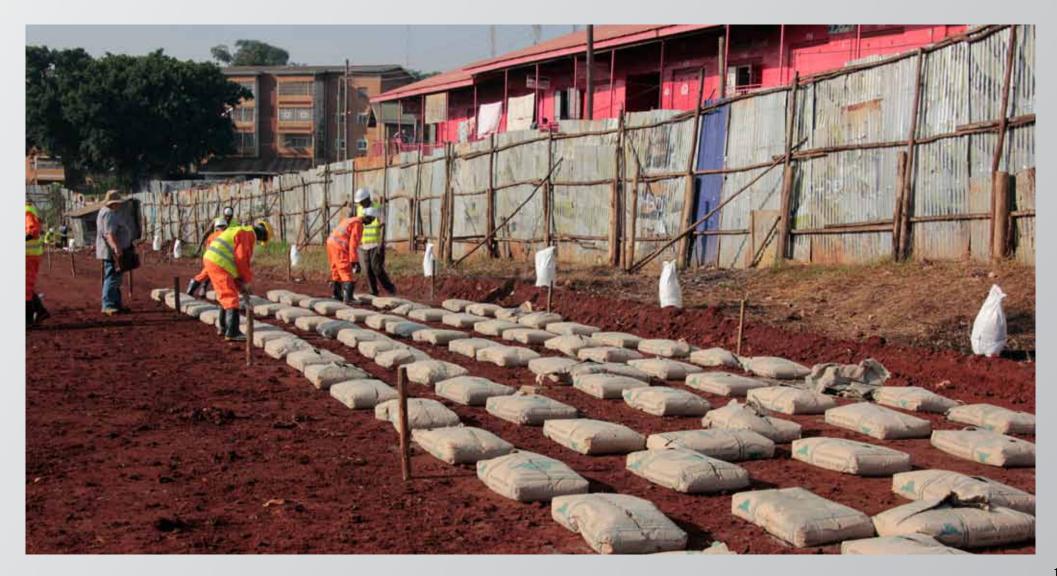
Marking of the test field



Handing over of wooden rakes for the manual distribution of the cement



Placing of the cement bags according to a defined pattern



Placing of the cement bags according to a defined pattern



Manually distribution of the cement



Manually spreading of the exactly defined amount of NovoCrete® per m²



Milling of the cement/NovoCrete® mixture to a milling depth of up to 0,3 m



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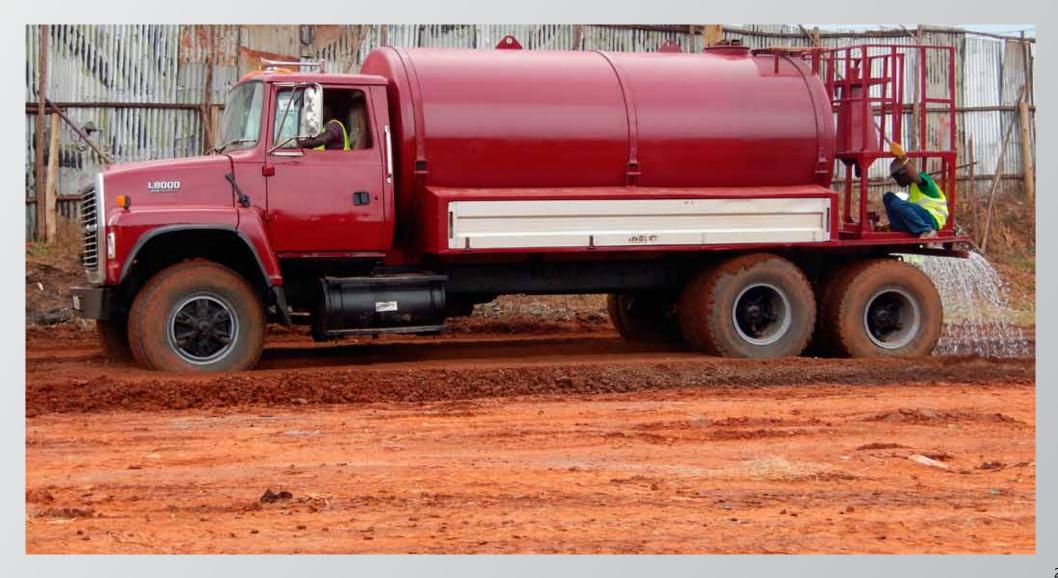
Milling process with subsequent compaction



Mixture after the milling process



Irrigation of the area



Leveling of the fine level by using a grader



Compaction of the fine level by using a steel drum roller for achieving the required degree of compaction



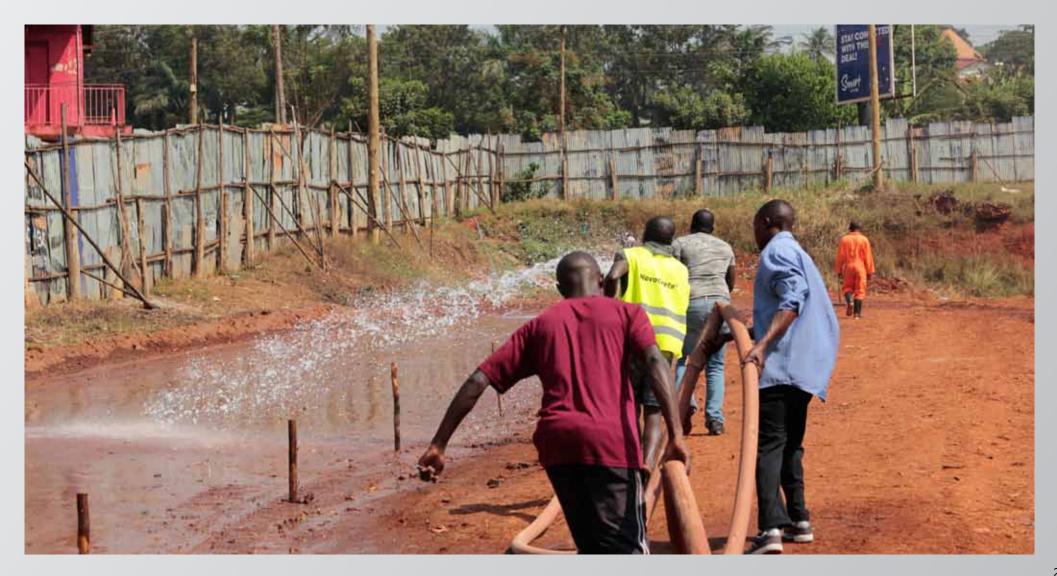
Area after compaction



Area after compaction



Irrigation of the area (protection against evaporation)



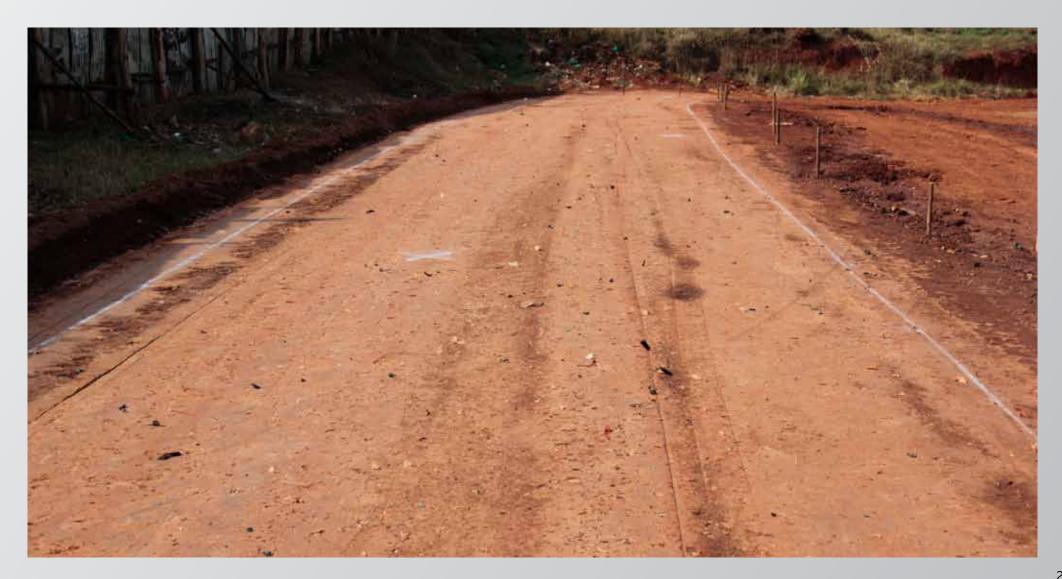
Area after irrigation (protection against evaporation)



Close-up of the surface (still contaminated with waste particles)



Area 2 days after stabilization





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