

Slurry pump – Example: Pumping to a vessel

If the intention is to relocate the soil from underneath a structure, the following items are considered important and must be addressed to the engineering phase:

1. Mixture of soil / Water: initially based on 12m³/h of soil removed the amount of water in this mixture will be in the range of 2000–4000m³/h. the mixture could be reduced by use of special made nozzle and/or by use of pump instead of ejector.
2. Debris: As the amount of debris in these drill cuttings piles normally are significant this must be proper addressed. In the picture, bellow there is a sketch of a potential debris filter

