

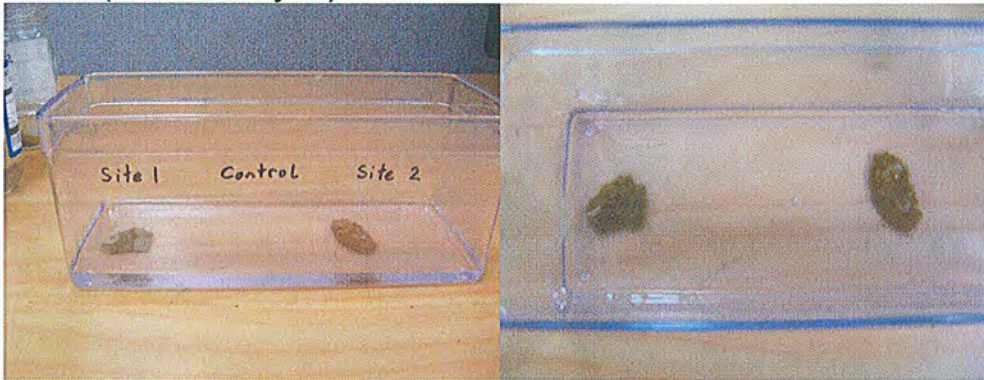
RESULTS:

All the samples analysed, from Sites 1 and 2, showed no level of dispersion over the 24 hour testing phase.

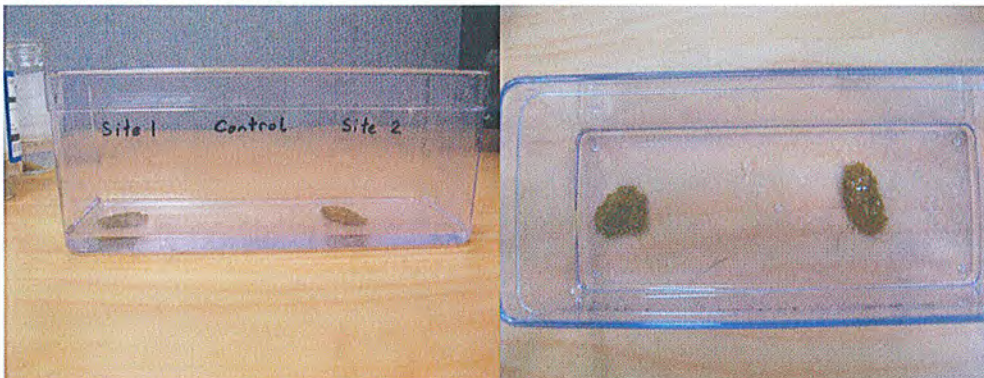
The photographic images shown below indicate visually the level of dispersion at the start of the test and upon completion of the test, after 24 hours. It can be seen that no change was noted through the 24 hour testing phase and that no degree of dispersion was apparent.

SITES 1 & 2 COMPARISON (note no control was placed in the container)

Time 0 (start of analysis)



Result after 24 hours

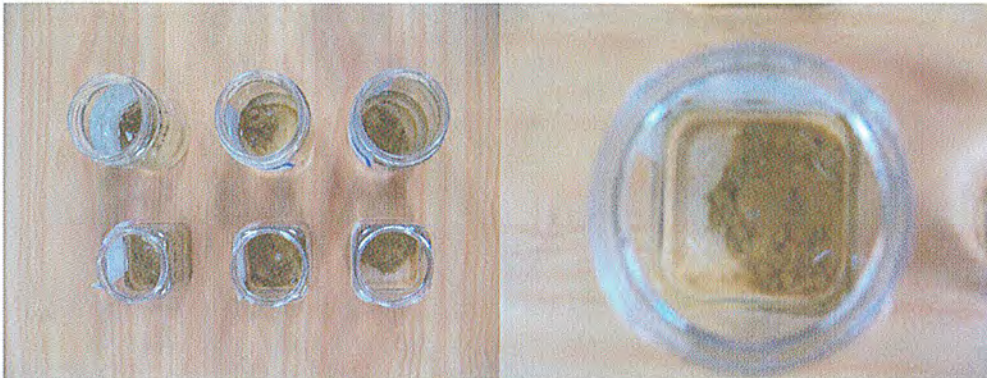


SITE 1 RESULT

Time 0 (start of analysis)

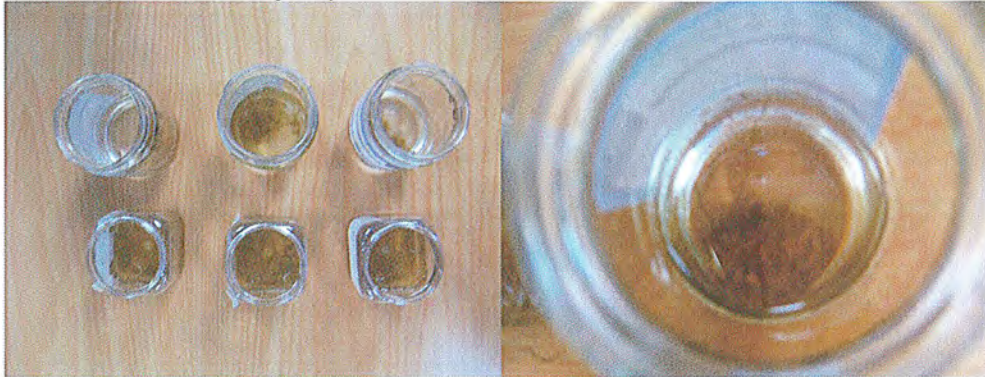


Result after 24 hours



SITE 2 RESULTS

Time 0 (start of analysis)



Result after 24 hours



CONCLUSION

A modified version of the Emerson Aggregate Test was carried out on two loess samples, taken from two different locations within the Porter Heights Village Area. The test results indicate that neither soil sample shows the characteristic properties that would normally be associated with a dispersive soil.

Three undisturbed soil aggregates and 3 reworked aggregates were analysed from each Site where a soil sample was collected. An aggregate from each Site was also placed in large container for comparative purposes. Each sample was visually analysed over a 24 hour period and, over this time frame, no sample was seen to display any measure of dispersion. It is therefore concluded that neither soil is dispersive by nature.

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