

**STABILIZING
NON-CLAY / SILT MICA
TO 100% PROCTOR**



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WITH ENVIROSEAL 2001™

This is a typical dirt road in the volcanic region of Guatemala. Hurricane Mitch washed out this particular road in 1999. Enviroseal donated 22 drums of their 2001 stabilizer to help with the reconstruction of their Country. This particular region had a mixture of 100% mica silt to which we added volcanic sand and crushed volcanic rock then mixed it together with the Enviroseal 2001. By using these methods a 50% savings in total aggregate and which resulted in a \$5,000.00 cost savings per Km. And a total savings on this project of approximately \$140,000.00 for this 28-Km road.



From the left picture to the right picture in a matter of only (2) two hours. The result is no dust, full compaction and density requirements and the road is permanently sealed against moisture and further dust accumulation. Until the asphalt cold mix is applied. In many areas of the world the road base you see here is the finished road without the asphalt



HOW TO BUILD AN IMPROVED MOUNTAIN ROAD FOR LESS MONEY

BELOW YOU WILL FOLLOW A FAST STEP BY STEP process where Enviroseal Corp. Has solved a major soil stabilization problem. This type of naturally occurring soil, can not be stabilized in a conventional method. The contractor here had tried 5% cement add and 1/3 add of volcanic sand and 1/3 add of 1 1/2" crushed volcanic which worked but was very expensive. Enviroseal determined that an add mix of 1/6 of each add component and a 2 Ltr/p/M3 addition of Enviroseal 2000 would do the job. It did and approximately \$240,000.00 was saved on a 28km stretch through these mountains.



Adding volcanic sand



Adding 1 1/2" minus crushed volcanic rock



Mixing rock, sand and silt and 2001 with Cat 14w/ripper



Spraying on the 2001 for mixing



Final grade



Final compacting w/25ton

May 2001

FULL VIDEO IS AVAILABLE UPON REQUEST