



## **INFORMATION REGARDING CLAY SOILS IN TEXAS**

The good earth of Texas is blessed with many things, but from a building perspective most of the soil is cursed with expansive clay. Clay attracts and absorbs moisture in huge quantities through a naturally occurring process whereby it expands with rainfall and drought. As moisture is absorbed the soil swells lifting a home off its foundation. Once it becomes dry it shrinks. This constant process wreaks havoc on an untreated foundation and causes most of the characteristic foundation problems suffered by Texas homeowners. Depending upon the depth of the clay, these homes can rise and fall 2-5".

There is a solution which is inexpensive, effective and permanent. The expansion and contraction of the soil with clay content can be minimized, and nearly eradicated by injecting an eco-friendly Soil Stabilizer. Treatment is economical and permanent. Changes in moisture due to the changing seasons or other factors will no longer cause damage from heaving and swelling soil.

B & P Foundation Repair, LLC, can solve these problems for the homeowner, economically, and permanently. Our Chemical Soil Stabilizer can be installed around the perimeter of the existing home. Injections have proved to be the most effective means to treat soils with high plasticity. Chemical Injection is superior to other methods such as lime injections or water injections, because it is permanent. The chemical changes the molecular structure of the soil so that it disallows the absorption of water. We inject an Eco Friendly Soil Stabilizer into the ground using a high pressure pump to a depth of 8+ feet, stabilizing the clay soil permanently. This is a cost effective solution for the homeowner or builder. The result is a non-expansive building platform, or existing foundation which will remain not only stable, but possibly more stable than imported soil, drilled piers, or typical "band-aid" foundation repair solutions.

Chemical Soil stabilization has been around for decades. It's original use was for roads and commercial building pads when good soils were unavailable. It is the product of choice for the many geo-technical Engineers due to primarily to the fact that it is a cost-efficient and permanent solution. Soils treated with our Soil Stabilizer consistently yield back results of less than 2% swelling and often times, less than 1%.

B & P Foundation Repair, LLC., has years of experience with foundation issues and guarantees our work with a Lifetime Transferrable Warranty.

Each property must be evaluated to determine what kind of soils it was built on and if repair work is needed, (Piers); they will have to be installed before the Soil Stabilizer is injected.