Plow Pan Encyclopedia Article

Plow Pan

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Plow Pan

A plow pan is a subsurface **horizon** or **soil** layer having a high **bulk density** and a lower total porosity than the soil directly above or below it as a result of pressure applied by normal tillage operations, such as plows, discs, and other tillage implements. Plow pans may also be called pressure pans, tillage pans, or traffic pans. Plow pans are not cemented by organic matter or **chemicals**. Plow pans are the result of pressure exerted by humans, whereas hard pans occur naturally.

See Also

Soil Compaction