

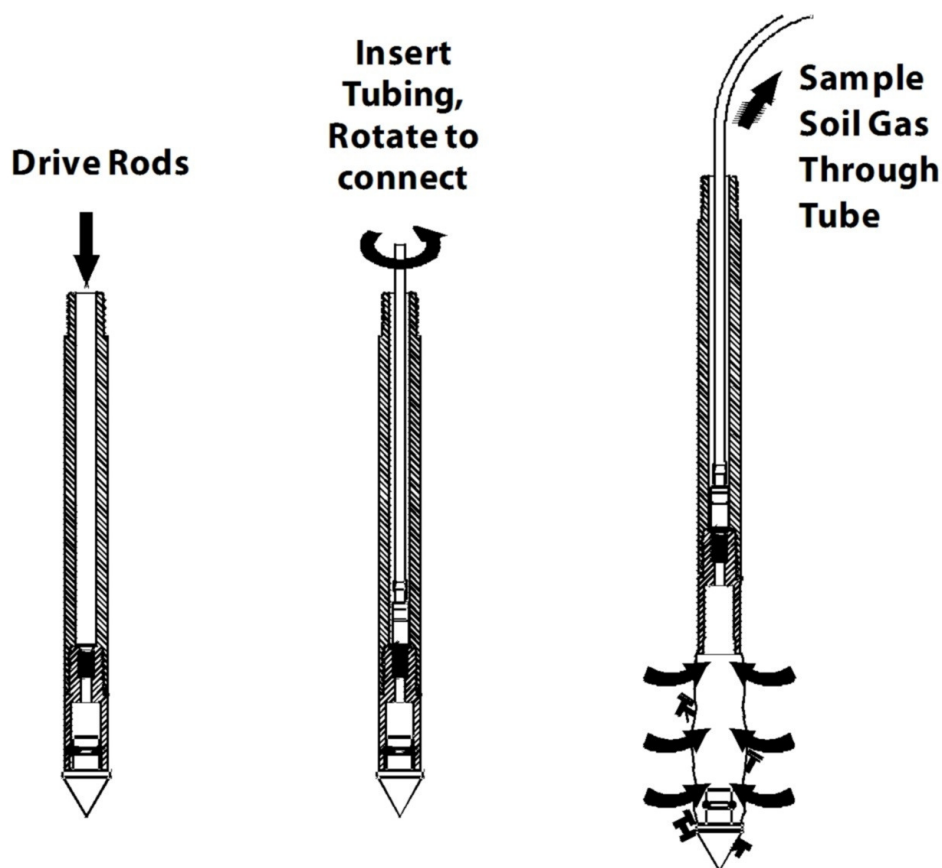
Soil Gas Sampling Using the PRT System

The PRT system is the most common tooling system offered by Geoprobe Systems® for soil gas “grab sampling”. PRT stands for “post run tubing”. It’s a simple tool system for soil gas sampling that allows the user to drive probe rods to depth, then insert and connect inner tubing for soil gas sampling. Using an inner tubing for soil gas sampling has many advantages; rod leakage is eliminated, dead volume that must be purged is reduced, and decon problems are reduced as the sample does not contact the rod bore. One of the biggest advantages of this system is that the tubing is run in and connected for sampling after the rods have been driven to depth; there is no need to manage the tubing and maintain the connection during the driving process.

PRT adapters are compatible with a variety of tubing types to meet your soil gas sampling requirements.



Post-Run Tubing (PRT) connected for soil gas sampling.



Rod equipped with a PRT point holder and expendable point are driven to depth.

Before the rods are pulled back, gas sampling tubing and a PRT adapter are inserted down the rod bore and connected to the point holder.

The rods are now pulled back (retracted) and soil gas is sampled through the tubing. Sample does not contact the rod bore.