



Tools and Supplies



AGI Survey Kit



AGI Passive Sampler



Numbered vials



Corks



String



Insertion rods



Chain of custody, Installation and Retrieval e-log



Gloves

Not included in kit:

- Scissors
- Gloves
- Pen or pencil
- Watch
- Rubber mallet
(for subslab installations)

Preparation



Site map & field notebook necessary to record sampling information



Locate and mark buried utilities and other obstacles.



Lay out sampling grid prior to hole drilling.

Making the hole

Choose the best method for soil conditions:



Slide hammer and tile probe



Rotary hammer drill and 36 in (1 m) long, 0.5 in (1 cm) diameter carbide-tipped bit



Hammer and 36 in (1 m) long, narrow diameter steel rod



To make hole through slab, use a rotary hammer drill.



Make a 0.5 –1.0 inch (1 cm) hole 36 in (1 m) deep.

Inserting AGI Passive Sampler and recording information

Note: Procedure is the same for sub-slab soil gas sampling.



Cut 72 in (2 m) length of string, tie end to end.



Loop string through eyelet of cork.



Remove the AGI Passive Sampler from vial.



Compare serial numbers of sampler and vial.



Loop string through looped end of sampler and secure.



Place insertion rod into pocket of sampler.



Insert rod and sampler into hole.



Push rod and sampler to depth of hole.



Push rod to the side and twist to detach sampler.



Insert cork to seal the hole. (Rubber mallet may be necessary to secure cork in sub-slab installations).



Record installation date and time on e-log.



Record serial number on sitemap.

How to retrieve AGI Passive Samplers for soil gas sampling

Note: Procedure is the same for sub-slab soil gas sampling.



Remove cork by hand or with screwdriver.



Pull string to remove sampler.



Compare sampler serial number to map location.



Compare sampler serial number to vial number.



Cut and discard string and cork.



Wipe clean.



Return sampler to vial. Clean top of vial and threads, and secure cap.



Attach custody seal to vial.



Record retrieval time and date in e-log.



Return vial to box.



**AMPLIFIED
GEOCHEMICAL
IMAGING, LLC**

AMPLIFIED GEOCHEMICAL IMAGING LLC

210 Executive Drive Suite 1, Newark, DE 19702

Phone: +1.302.266.2428 Fax: +1.302.266.2429

Email: info@agisurveys.net

www.agisurveys.net