

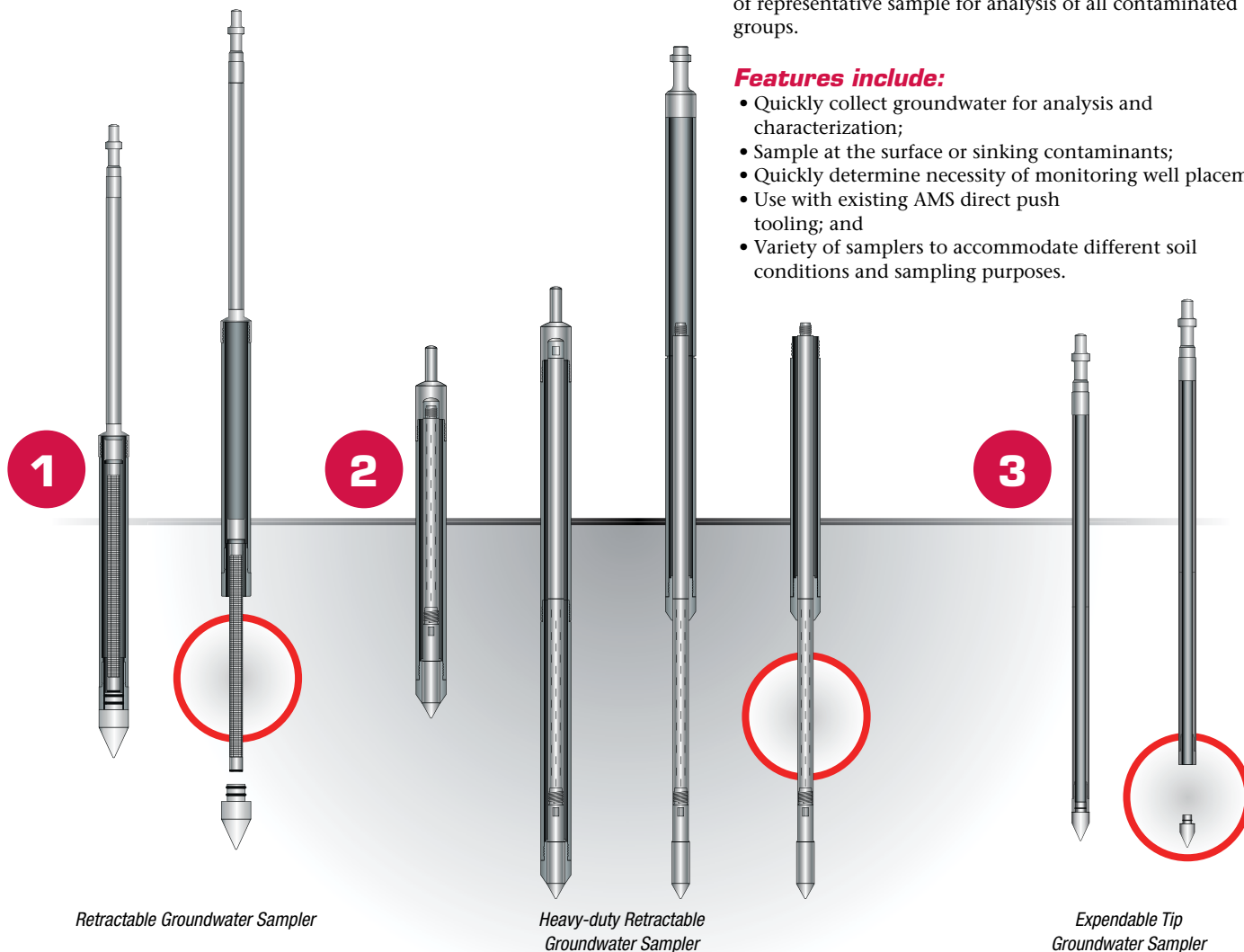
## Groundwater Samplers

### Groundwater Sampling

AMS groundwater samplers are often used for the initial site investigations because of the ability to rapidly sample a large number of locations, but can also be used for the collection of representative sample for analysis of all contaminated groups.

#### Features include:

- Quickly collect groundwater for analysis and characterization;
- Sample at the surface or sinking contaminants;
- Quickly determine necessity of monitoring well placement;
- Use with existing AMS direct push tooling; and
- Variety of samplers to accommodate different soil conditions and sampling purposes.



Retractable Groundwater Sampler

Heavy-duty Retractable Groundwater Sampler

Expendable Tip Groundwater Sampler

### Groundwater Sampling Applications:

**Retractable** – The retractable groundwater sampler allows placement of a screen up to 4' long in the saturated soils. The mesh screen has an ID of 1/2". The retractable groundwater sampler can be pushed single tube without pre boring.

- Push the retractable screen sampler into the groundwater and retract (pull back) on the tooling so that the screen is exposed with some of the screen above the groundwater table surface and some below.
- The purging and sampling may begin using a mini bailer, peristaltic pump, bladder pump, or other groundwater sampling instrument.

**Heavy Duty Retractable**– For hard lithology, a heavy duty retractable groundwater sampling system is available and is pushed dual tube into the groundwater and sampled in the same manner as described above. The heavy duty retractable screen point sampler uses a slotted 1 1/4" direct push extension as the screen (ID 0.5" with 0.010"/.020" slots)

**Expendable Tip**– The expendable tip groundwater sampler is a single tube sampler for use at a specific depth, and especially useful for sinking contaminants. Push the direct push extension to the desired sampling depth below the groundwater table. Retract the direct push extension. At this point, sample in the same manner as above