

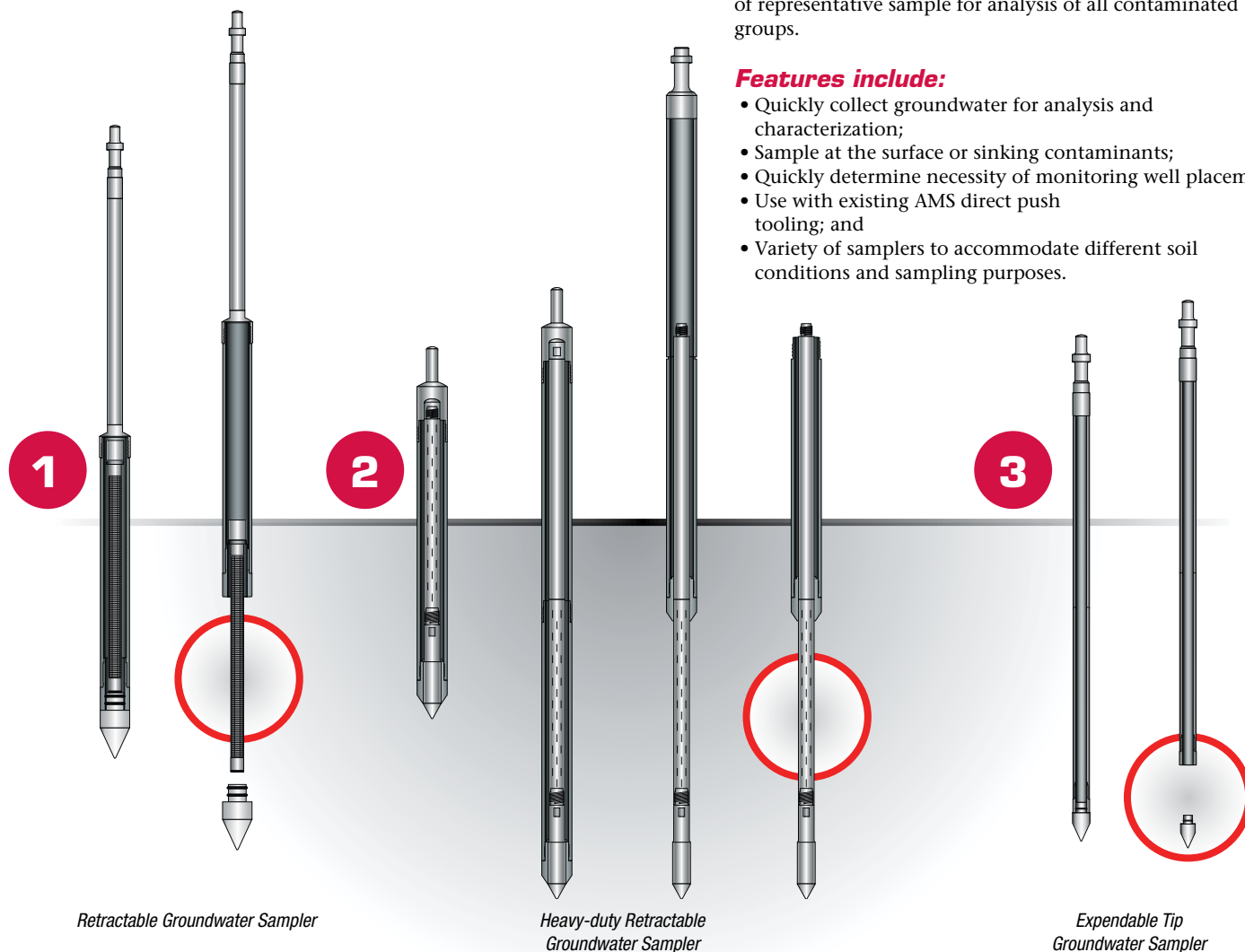
Groundwater Samplers

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

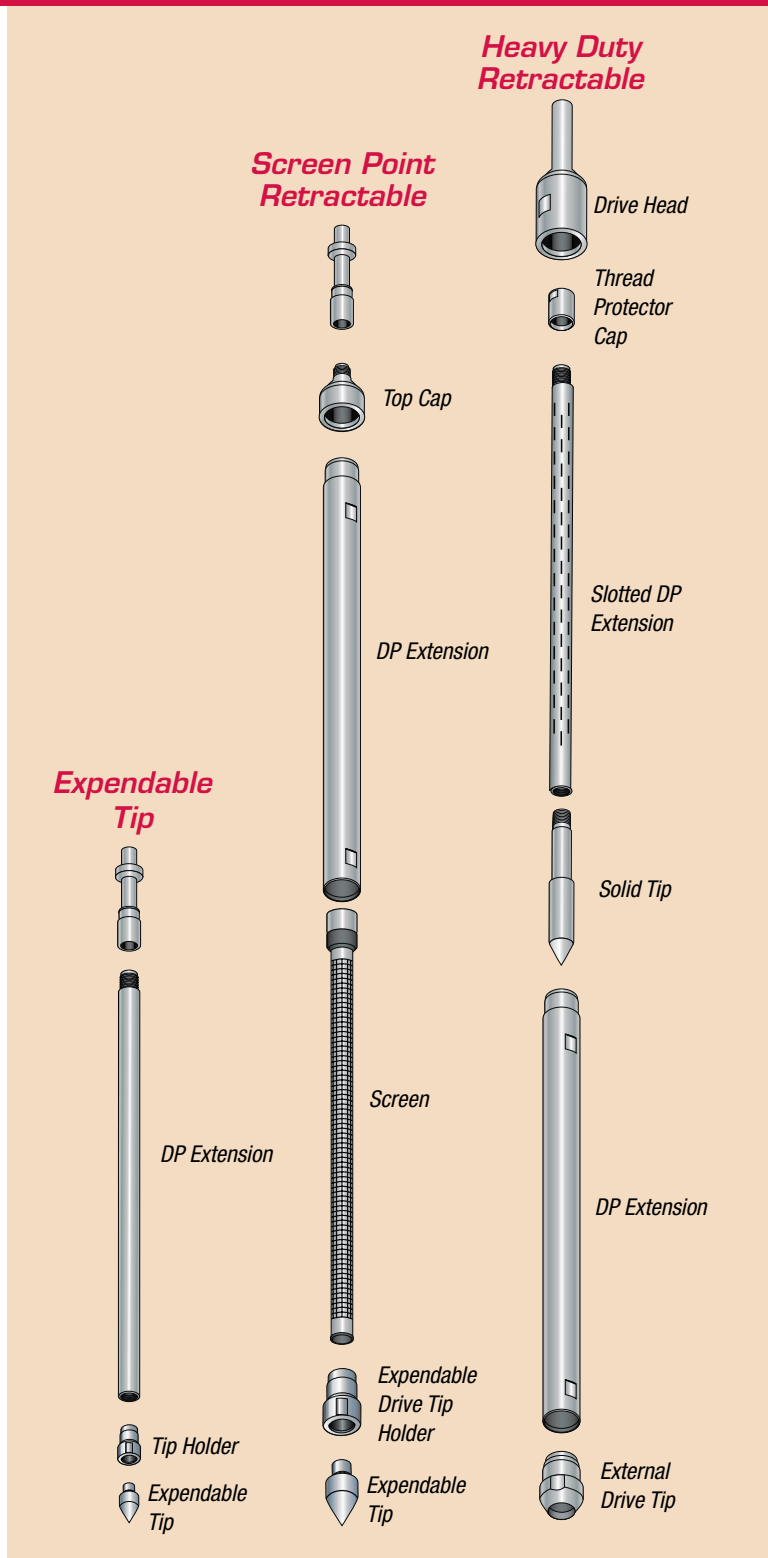
Groundwater Sampling Applications:

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



Complete

- 5058.02 1 3/4" x 2' Screen Point Sampler Complete with 1 3/4" Top Cap, 1 5/8" Thread (5006.90)
- 5058.04 1 3/4" x 4' Screen Point Sampler Complete with 1 3/4" Top Cap, 1 5/8" Thread (5006.90)

1 1/4" Expendable Tip Groundwater Sampler

- 5005.74 1 1/4" x 4' DP Extension
- 5004.49 1 1/4" Expendable Tip Holder, 1/2" Hole
- 5004.56 1 1/4" Expendable Tip
- 5004.58 50 Mesh SST Screen
- 5008.02 1 1/4" O-ring Kit (25 per Kit)

2 1/8" Expendable Tip Groundwater Sampler

- 5006.04 2 1/8" x 4' DP Extension
- 5007.19 2 1/8" Expendable Drive Tip Holder
- 5007.23 2 1/8" Solid Expendable Drive Tip

2 3/8" Expendable Tip Groundwater Sampler

- 5618.193 G3 2 3/8" x 4' DP Extension
- 5618.184 G3 2 3/8" Expendable Drive Tip Holder
- 5618.187 G3 2 3/8" Solid Expendable Drive Tip

2 3/4" Expendable Tip Groundwater Sampler

- 5010.04 2 3/4" x 4' DP Extension
- 5010.27 2 3/4" Expendable Drive Tip Holder
- 5010.26 2 3/4" Solid Expendable Drive Tip

3 1/2" Expendable Tip Groundwater Sampler

- 5618.04 3 1/2" x 4' DP Extension
- 5618.156 3 1/2" Expendable Drive Tip Holder
- 5618.157 3 1/2" Solid Expendable Aluminum Drive Tip

1 3/4" Screen Point Groundwater Sampler

- 5011.01 1 3/4" x 4' Screen Point Sampler Complete
- 5011.04 1 3/4" x 2' Screen Point Sampler Complete
- 5058.04 1 3/4" x 4' Screen Point Sampler Complete, with 1 3/4" Top Cap, 1 5/8" Thread
- 5058.02 1 3/4" x 2' Screen Point Sampler Complete, with 1 3/4" Top Cap, 1 5/8" Thread
- 5005.156 1 3/4" Top Cap 1 1/4" Thread
- 5006.90 1 5/8" to 1 3/4" Screen Sampler Adapter
- 5005.02 1 3/4" x 2' DP Extension
- 5011.02 2' Screen Assembly
- 5005.00 1 3/4" x 4' DP Extension
- 5011.18 4' Screen Assembly
- 5011.12 1 3/4" Expendable Drive Tip Holder
- 5011.20 Expendable Tip for 1 3/4" Sampler
- 5011.21 Internal Screen Plug
- 5008.07 O-Ring Kit for 1 3/4" DP Extensions

2 3/8" Heavy Duty Screen Point Groundwater Sampler

- 5618.180 G3 2 3/8" Drive Head Adapter
- 5006.56 1 1/4" Thread Protector Cap
- 5011.55 1 1/4" x 4' Slotted DP Extension
- 5618.193 G3 2 3/8" x 4' DP Extension
- 5618.179 G3 2 3/8" Internal Drive Tip w/Liner
- 5618.181 G3 2 3/8" External Drive Tip - No Liner
- 5008.02 1 1/4" O-ring Kit (25 per Kit)

2 1/8" Heavy Duty Screen Point Groundwater Sampler

- 5006.50 2 1/8" Drive Head Adapter
- 5006.56 1 1/4" Thread Protector Cap
- 5011.55 1 1/4" x 4' Slotted DP Extension
- 5006.04 2 1/8" x 4' DP Extension
- 5006.105 1 1/4" Solid Drive Tip
- 5006.06 2 1/8" External Drive Tip - No Liner

Accessories

- 2100.35 3/8" x 18" Bottom Fill Stainless Steel Mini Bailer
- 2100.36 3/8" x 18" Top Fill Stainless Steel Mini Bailer
- 5004.59 Stainless Steel #100 Mesh Screen for Expendable Drive Tip Holder
- 5004.60 Stainless Steel #120 Mesh Screen for Expendable Drive Tip Holder



105 Harrison Street, American Falls, Idaho 83211 U.S.A.

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