

SOIL SAMPLING – Pitcher Barrel Samplers



Complete Pitcher Barrel Style Sampler Assembly with 3-inch (76.2mm) Tube

“Pitcher Barrel” Samplers – are available from USExploration Equipment Company. This unique design combines a thin-walled tube (protruding out the bottom face) with the ability for over-coring (see cutter teeth near the tube bottom). The tube is on a spring-loaded mechanism that will compress if hard soils are encountered. The tube stays extended in soft soils, but is pushed back into the cutter barrel in hard soils. In difficult soils, the cutter advances the hole and the tube is protected against buckling. The Pitcher Barrel Sampler is designed specifically to recover accurate samples from formations that are too hard for thin-wall “Shelby Tube” samplers or too brittle, soft or water-sensitive to permit satisfactory recovery by conventional core barrel type samplers.

Pitcher Barrel Sampler Tube Diameter	Pitcher Barrel Sample Tube Length	(Back) Head or Sub Drill Rod Box Connection	Assembly Part Number
3-inch (76.2mm)	36-inch (914.4mm)	NWJ	26168

Shelby Tube Diameter	Shelby Tube Length	Shelby Tube Material	Special Feature	Assembly Weight	Assembly Part Number
3-inch (76.2mm)	36-inch (915mm)	Steel	Standard Wall	6-Pounds (2.7 kg)	26196

Soft Plastic Caps Fit Shelby Tube Diameter	Number Required Per Shelby Tube	Assembly Part Number
3-inch (76.2mm)	2-Required	26019

SOIL SAMPLING – Pitcher Barrel Samplers

Soil Seals with Expandable Rubber O-Ring Fit Shelby Tube Diameter	Number Required Per Shelby Tube	Assembly Part Number
3-inch (76.2mm)	2-Required	26152

Bee's Wax	Assembly Weight	Assembly Part Number
Slab Wrapped in Wax Paper	11-Pounds (5 kg)	26135