



### Primary Benefits

- Rapid hydration
- Decreased pressures
- High cuttings content on returns
- Reduced cleanup time
- In addition to being base of ProBore series, can be used in conjunction with ProVis Bentonite and other bentonite-based products

ProDrill™ is an anionic, multi-polymer blend formulated to build viscosity and bind to clay and other low density solids, providing efficient removal from a bore hole. ProDrill's composition offers a high affinity to clay, providing a slick bore hole and smooth, creamy, cuttings consistency. ProDrill also works as a fluid on pipe friction reducer, leading to lower fluid pump pressures and increased pump life.

Are you drilling in clay?  
with ProDrill

LOW	Water	
	Sticky Clay	1 EZB
	Swelling Clay	
SOIL	Mixed Sand	
	Fine Sand	
	Medium Sand	
	Coarse Sand	
HIGH	Pea Gravel	
	Pebbles	
	Cobble Rocks	



### Primary Benefits

- Softens hard water for polymers, leading to faster hydration
- Non-foaming
- Keeps drill bit clean of debris by reducing the "stickiness" of clay materials and cuttings
- Can be used in conjunction with ProAction's ProBore or ProVis Series, along with other brands of bentonite

ProDyne™ is a water based, water soluble non-foaming drilling detergent builder and water conditioner/chelator. The water-based formulation makes it easily dispersible in water, with little mixing energy required. ProDyne acts as a water conditioner in hard or mineral-laden water, and water wets downhole equipment such as rods and tooling, ultimately contributing to longer tooling and rod life, lower drilling temperatures.

Does your soil have sticky clay, silt and/or hard water?  
with ProDyne

LOW	Water	1/2 EZB
	Sticky Clay	1 EZB
	Swelling Clay	
SOIL	Mixed Sand	
	Fine Sand	
	Medium Sand	
	Coarse Sand	
HIGH	Pea Gravel	
	Pebbles	
	Cobble Rocks	



### Primary Benefits

- Additive to combat swelling/reactive clays
- Prevents clay deconsolidation
- Reduces torque by keeping pipe/tooling free from the "grabbing effect" of reactive clays
- Can be used in conjunction with ProAction's ProBore or ProVis series

ClayLock™ is a proprietary clay inhibitor blend used to prevent reactive clays from swelling. ClayLock binds and encapsulates clay platelets together and prevents water intrusion between the platelets - the root cause of clay swelling. It can be added to your water in a variety of ways, and the water-based formulation requires a fraction of the mixing energy required for other clay swelling prevention products.

Does your soil have reactive or swelling clays?  
with ClayLock

LOW	Water	
	Sticky Clay	1 to 2* EZB
	Swelling Clay	
SOIL	Mixed Sand	
	Fine Sand	
	Medium Sand	
	Coarse Sand	
HIGH	Pea Gravel	
	Pebbles	
	Cobble Rocks	



### Primary Benefits

- Reduces friction creation between bore wall and pipe
- Decreased thrust and rotational forces
- High Cuttings Content from unique suspension properties and high gel strength
- Allows polymers to create a cake along the bore wall with a hydraulic seal, keeping fluid in the hole and moving cuttings down the bore path
- 100% Silica-Free Formulation

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Is your soil very sandy or dense or have high permeability?  
with GeoSweep

LOW	Water	
	Sticky Clay	1 EZB
	Swelling Clay	
SOIL	Mixed Sand	1 to 2 EZB
	Fine Sand	
	Medium Sand	2 EZB
	Coarse Sand	
HIGH	Pea Gravel	2 to 3 EZB
	Pebbles	
	Cobble Rocks	