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ABI Premium Bore HORIZONTAL DRILLING FLUID

■ DESCRIPTION

ABI Premium Bore is a 200-mesh, high viscosity sodium bentonite designed for use in horizontal drilling applications.

■ USE

May be used for all types of freshwater angle and horizontal drilling applications

■ APPLICATION

Mixing ratios are based on using fresh water. Level of water purity will affect bentonite performance. Prior to mixing, acidic and hard water should be treated with soda ash to a pH of 8.5 to 9.0.

Mixing Ratio (lbs. / 100 gal. of water):

Normal conditions: 20 to 30 lbs.
 Sand and gravel: 30 to 40 lbs.
 Fluid loss control: 40 to 60 lbs.

For best results, add ABI Premium Bore slowly through a jet/hopper mixer.

■ TYPICAL ANALYSIS

SiO ₂	61.3%	Na ₂ O	2.2%
Al ₂ O ₃	19.8%	TiO ₂	0.1%
Fe ₂ O ₃	03.9%	Trace Elements	3.2%
MgO	01.3%	H ₂ O (Crystal)	6.5%
CaO	00.6%	K ₂ O	00.4%
pH	8.9 – 10.5		

■ CHARACTERISTICS

- Highly concentrated for maximum yield
- Fast and easy mixing
- Maintains integrity of bore hole
- Removes cuttings
- Cools and lubricates bit
- Helps prevent loss of circulation



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