

RAPID HUMIDRILL™

HIGH HUMIC ACID CONTENT LIGNITE

GENERAL DESCRIPTION:

Rapid HumiDrill™ is a naturally occurring humalite material that is very high in humic acid and humic substances. Rapid HumiDrill™ is an economical thinning agent for use in all freshwater mud systems.

Rapid HumiDrill™ is highly soluble in water-based drilling systems and is effective at thinning mud systems at both high and low pH mud conditions. The Rapid HumiDrill™ demonstrates much higher brine solubility when compared to regular lignite products.

TYPICAL PHYSICAL PROPERTIES:

Appearance	Brown – Black Powder
Bulk Density	Loose : 49 lbs./ft ³
Bulk Density	Tapped: 53 lbs./ft ³
Humic Content	> 80%
Moisture	< 20%
pH	3.5 – 4.1 (typical)
Ash Content	< 20%
CEC	200 meq/100 grams (dry)

ADVANTAGES:

- Maintains filtrate resistivity at higher levels in low pH muds.
- Rapid HumiDrill™ is compatible with all other mud additives.
- Rapid HumiDrill™ is effective in both fresh and saltwater systems.
- Rapid HumiDrill™ meets all overboard discharge limits for Gulf of Mexico.

Typical Screen Analysis:

	Tyler Screen Size	Typical %
-40	+80	10%
-80	+100	10%
-100	+140	20%
-140	+200	30%
-200		25%

PACKAGING:

50 lb. Multiwall Bag, Water Resistant 2,000 Bulk Super Sack, partial and truckload quantities, 40 bags / pallet.