

# HIGH RISK REPORT WESTMORELAND COAL COMPANY

September 5, 2018



CreditRiskMonitor's assessment of Westmoreland Coal Company's ("Westmoreland Coal") "high risk" status has been determined by a combination of factors:

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#### MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score has Westmoreland Coal Company (OTC: WLBA) at a 1, the highest probability of bankruptcy in the next 12 months.

Business Name	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018
Dusiness Name	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Westmoreland Coal Company	1	1	1	1	1	1	1	1	1	1	1	1	1

The FRISK® score is 96% accurate\* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.

All FRISK® scores are recalculated every night for each subsequent 12-month period.

	FRISK	From	ptcy within 12 months
Best	10	0.00%	0.12%
	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

<sup>\*</sup> FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

#### THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility Financial ratios, including those used in the Altman Z"-Score Model

Bond agency ratings from Moody's and Fitch

## Crowdsourced CreditRiskMonitor Usage Data

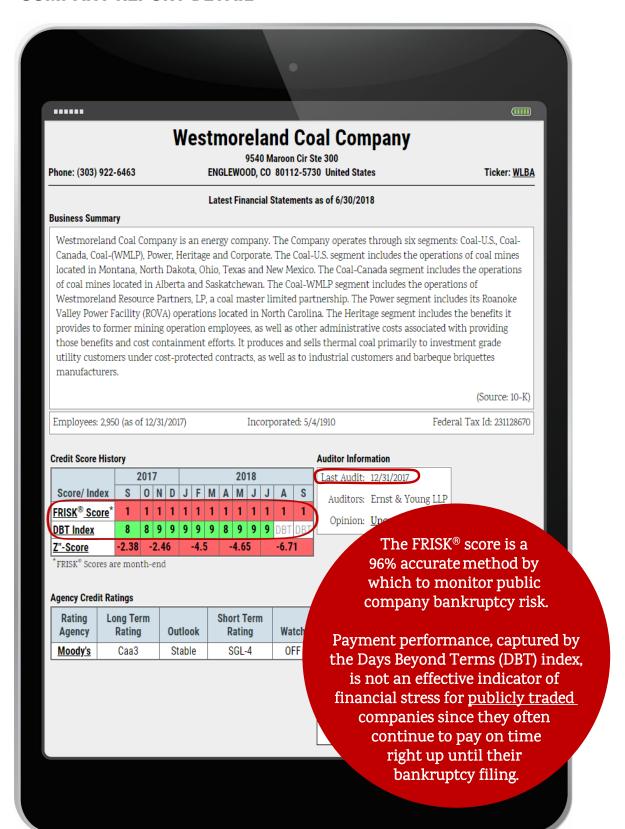
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

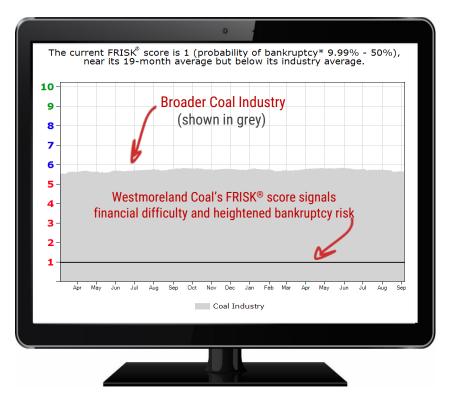
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

#### **COMPANY REPORT DETAIL**



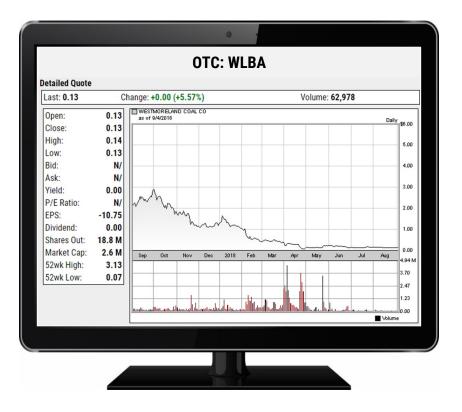
#### FRISK® DEEP DIVE



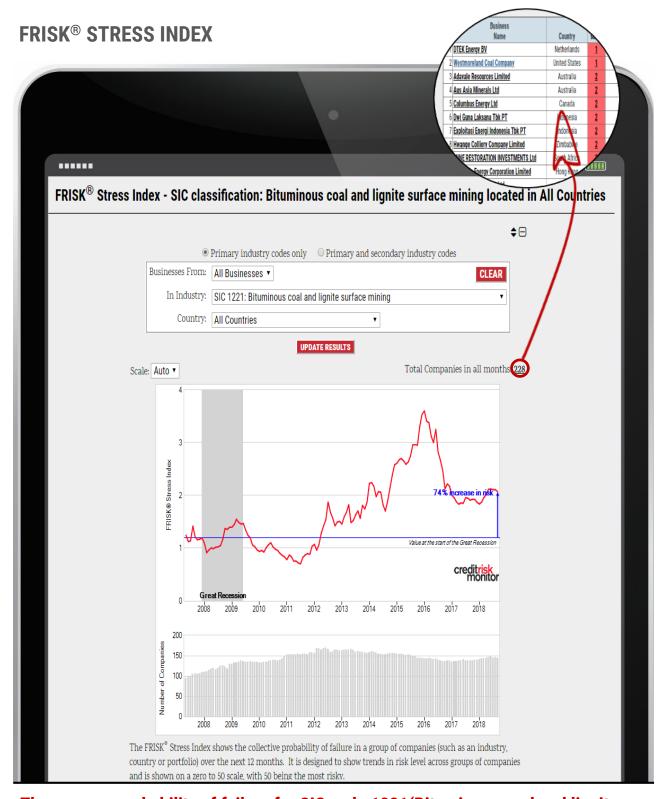
The FRISK® score relative to the broader Coal industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

#### ADJUSTED MARKET CAP VOLATILITY

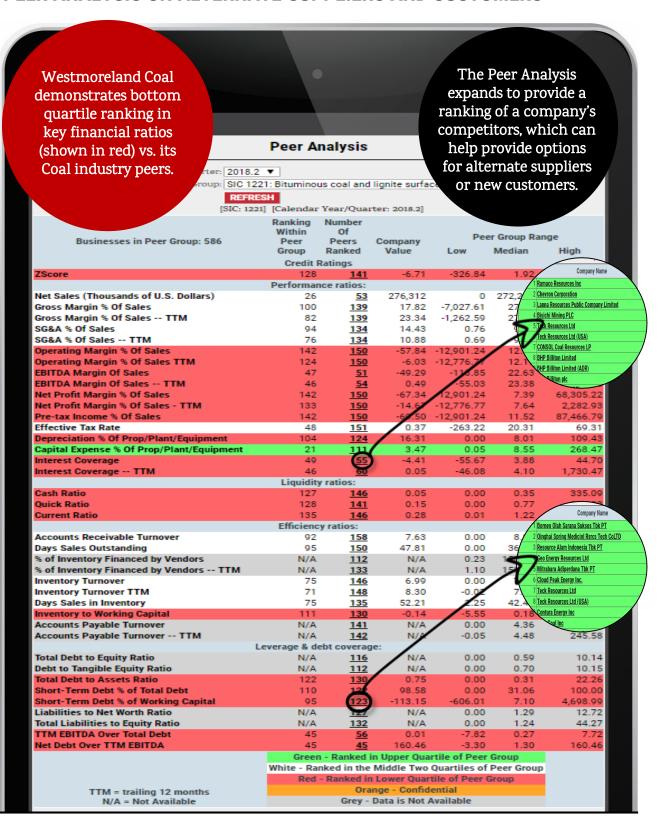


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.



The average probability of failure for SIC code 1221(Bituminous coal and lignite surface mining) has increased 74% since 2007. Westmoreland Coal is among the weakest names in the industry as evidenced by its FRISK® score of 1.

#### PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



#### **QUARTERLY PERFORMANCE RATIOS**

Net losses Weak in all but one free cash flow of the last five generation fiscal quarters relative to debt Performance Ratios - Sequential Quarters (Thousands of U.S. Dollars) 3 mas 3 mos 3 mns 3 mos 3 mos Period Ended 6/30/2018 3/31/2018 12/31/2017 9/30/2017 6/30/2017 Net Sales \$ \$276,312 \$295,677 \$363,796 \$358,011 \$327,314 % change -6.55% -18.72% 1.62% 9.38% -5.68% \$49,246 \$104,223 \$77,999 Gross Margin \$ \$70,518 \$54,997 % change -30.17% -32.34% 33.62% 41.82% -11.28% % of sales 17.82% 23.85% 28.65% 21.79% 16.80% change as % of incremental sales n/m n/m 453.31% 74.93% n/m SG&A \$ \$39,868 \$35,227 \$34,158 \$31,464 \$29,328 % change 13.17% 7.28% 3.13% 8.56% -0.81% 11.91% 9.39% 8.79% 8.96% % of sales 14 43% change as % of incremental sales 46.57% n/m n/m 6.96% n/m Operating margin \$ (\$159,823) \$10,427 \$57,112 \$14,255 (\$13,042)% change -1,632.78% -81.74% 300.65% 209.30% -17,765.75% % of sales -57.84% 3.53% 15.70% 3.98% -3.98% change as % of incremental sales 740.83% 88.92% n/mn/m n/m \$43,049 EBITDA \$ (\$136,198) \$32,243 \$67,286 \$22,102 % change -522.41% -52.08% 56.30% 94.77% -28.72% % of sales -49.29% 10.90% 18.50% 12.02% 6.75% change as % of incremental sales n/m n/m 418.96% 68.24% n/m EBIT \$ (\$162,594) \$6,208 \$60,363 \$4,982 (\$17,395)% change -89.72% -2,719.10% 1,111.62% 128.64% -212.97% % of sales 16.59% -58.84% 2.10% 1.39% -5.31% change as % of incremental sales 957.32% 72.90% n/m n/m n/m (\$192,039) Pre-tax income \$ (\$19,740)(\$46,684) (\$20,346) \$29,505 % change -843.87% -168.96% 249.47% 57.72% -53.12% % of sales -69.50% -6.88% 8.11% -5.51% -14.26% change as % of incremental sales 851.25% 87.77% n/m n/m Net income (loss) \$ (\$186,067) (\$19,589) \$35,069 (\$46,144)(\$19,222) % change -849.85% -155.86% 282.44% 58.34% -55.80% % of sales -67.34% -6.63% 9.64% -5.37% 14.10% change as % of incremental sales 938.48% n/m n/m Tax expense \$ (\$712)(\$35)\$34,516 Effective tax rate 116.98% 0.37% 0.17% Interest coverage Depreciation expense \$ \$26,396 \$26,035 \$6,923 ratio signals % of sales 9.55% 8.81% 1.90% % of capital expenses 470.60% 422.37% 71.73% heightened % of PP&E, net (annualized) 16.31% 14.32% 3.67% default risk Capital expenditures \$ \$6,164 \$9,651 \$5,609 % change -9.00% -36.13% -21.29% % of PP&E, net (annualized) 3.47% 3.39% 5.12% 648.13 % of working capital (annualized) 5.34% -2.47% -2.86% -9.19% Interest coverage ratio (4.41)1.07 2.08 1.40 0.73 -30.95% % change -511.47% -48.55% 48.78% 91.36% Free cash flow \$ (\$36,773) (\$15,082) \$83,358 (\$1,261) \$4.970 % change -143.82% -118.09% 6,710.47% -125.37% 162.75% Source: 10-Q 10-0 10-K 10-Q 10-0 8/6/2018 5/4/2018 4/2/2018 10/31/2017 8/6/2018

### **QUARTERLY LEVERAGE RATIOS**

Negative tangible net worth suggests loanable collateral has been exhausted Rapid increase
in short-term
debt was due to
the possible 'event
of default' of a
subsidiary

# **Leverage Ratios - Sequential Quarters**

(Thousands of U.S. Dollars)

	(Thousands of	U.S. Dollars)			
Period Ended	6/30/2018	3/31/2018	12/31/2017	9/30/2017	6/30/2017
Total debt \$	\$1,086,949	\$1,043,015	\$1,048,407	\$1,071,148	\$1,075,562
% change	4.21%	-0.51%	-2.12%	-0.41%	-1.52%
Stockholders' equity \$	(\$675,696)	(\$484,450)	(\$460,280)	(\$770,895)	(\$763,516)
% change	-39.48%	-5.25%	40.29%	-0.97%	-6.05%
Tangible net worth \$	(\$675,696)	(\$484,450)	(\$460,280)	(\$770,895)	(\$763,516)
% change	-39.48%	-5.25%	40.29%	-0.97%	-6.05%
Total assets \$	\$1,457,595	\$1,636,796	\$1,663,918	\$1,434,512	\$1,459,471
% change	-10.95%	-1.63%	15.99%	-1.71%	-3.40%
Total debt to assets ratio	0.75	0.64	0.63	0.75	0.74
% change	17.03%	1.13%	-15.62%	1.32%	1.95%
Tangible assets \$	\$1,457,595	\$1,636,796	\$1,663,918	\$1,434,512	\$1,459,471
% change	-10.95%	-1.63%	15.99%	-1.71%	-3.40%
Short-term debt \$	\$1,071,533	\$985,352	\$983,427	\$49,712	\$54,494
% change	8.75%	0.20%	1,878.25%	-8.78%	-25.05%
Short-term debt % of total debt	98.58%	94.47%	93.80%	4.64%	5.07%
% change	4.35%	0.71%	1,921.16%	-8.40%	-23.90%
Short-term debt % of working capital	-113.15%	-113.03%	-115.32%	385.87%	2,420.88%
% change	-0.11%	1.98%	-129.89%	-84.06%	720.39%
Total liabilities \$	\$2,133,291	\$2,121,246	\$2,124,198	\$2,205,407	\$2,222,987
% change Inadequate	0.57%	-0.14%	-3.68%	-0.79%	-0.35%
Total debt to working capital to	n/a	8.09	3.90	6.22	12.17
% change meet short-term	n/a	107.61%	-37.38%	-48.87%	38.17%
Source: liabilities	10-Q	10-Q	10-Q	10-Q	10-Q
	8/6/2018	5/4/2018	5/4/2018	10/31/2017	8/4/2017

## **QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN**

Working capital drastically decreases  Liquidity Ratios - Sequential Quarters  (Thousands of U.S. Dollars)  Meager cash, quick & current ratios							
Period Ended	6/30/2018	3/31/2018	12/31/2017	9/30/2017	6/30/2017		
Current assets \$	\$376,771	\$385,567	\$392,441	\$343,041	\$345,461		
% change	-2.28%	-1.75%	14.40%	-0.70%	-4.77%		
% of short-term debt	35.16%	39.13%	39.91%	690.06%	633.94%		
Current liabilities \$	\$1,323,743	\$1,257,307	\$1,245,209	\$330,158	\$343,210		
% change	5.28%	0.97%	277.16%	-3.80%	1.51%		
Working capital \$	(\$946,972)	(\$871,740)	(\$852,768)	\$12,883	\$2,251		
% change	-8.63%	-2.22%	-6,719.33%	472.32%	-90.86%		
% of sales (annualized)	-85.68%	-73.71%	-58.60%	0.90%	0.17%		
Cash \$	\$63,187	\$78,794	\$103,247	\$44,143	\$57,620		
% change	-19.81%	-23.68%	133.89%	-23.39%	-23.62%		
% of short-term debt	5.90%	8.00%	10.50%	88.80%	105.74%		
Cash ratio	0.05	0.06	0.08	0.13	0.17		
% change	-23.92%	-24.37%	-38.00%	-20.37%	-24.74%		
Quick assets \$	\$199,251	\$232,275	\$256,432	\$190,555	\$190,335		
% change	-14.22%	-9.42%	34.57%	0.12%	-7.86%		
% of short-te <u>rm</u> debt	18.59%	23.57%	26.08%	383.32%	349.28%		
Quick ratio	0.15	0.18	0.21	0.58	0.55		
% change	-18.52%	-10.30%	-64.33%	4.08%	-9.22%		
Current ratio	0.28	0.31	0.32	1.04	1.01		
% change	-7.21%	-2.70%	-69.66%	3.22%	-6.18%		
Source:	10-Q 8/6/2018	10-Q 5/4/2018	10-Q 5/4/2018	10-Q 10/31/2017	10-Q 8/4/2017		

				100				
Insufficient rates of return - Rate of Return - Sequential Quarters (Thousands of U.S. Dollars)								
Period Ended	3 mos 6/30/2018	3 mos 3/31/2018	3 mos 12/31/2017	3 mos 9/30/2017	3 mos 6/30/2017			
Return on total assets	-12.03%	-1.19%	2.26%	-1.33%	-3.11%			
% change	-913.15%	-152.44%	270.41%	57.24%	-62.37%			
Return on tangible assets	-12.03%	-1.19%	2.26%	-1.33%	-3.11%			
% change	-913.15%	-152.44%	270.41%	57.24%	-60.89%			
Source:	10-Q 8/6/2018	10-Q 5/4/2018	10-K 4/2/2018	10-Q 10/31/2017	10-Q 8/6/2018			

#### ABOUT THIS REPORT/CONTACT CREDITRISKMONITOR



CreditRiskMonitor is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 58,000 global public companies.

CreditRiskMonitor's High Risk Reports feature companies that are exhibiting a significantly high level of financial distress, as indicated by our proprietary FRISK® score. The ultimate goal of the High Risk Report series is two-part: provide an early warning for those doing business with an increasingly distressed company and inform of the many signals that should be examined when assessing financial risks.

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Contact us at: 845.230.3000 creditriskmonitor.com/contact-us