								1	111				
		Big Ro	ock Candy Mountain	n Mining Co.		- 8	4		- 2				
		Ratio Analysis for 2019 and 2020							T)				
		Ratio	2019	2020	Industry 2020	Analysis							
		Ratio 2019 2020 Industry 2020 Analysis Liquidity Ratios											
		Current Ratio	2.86x	2.89x	2.50x	Good							
		Quick Ratio	1.49x	1.61x	2.00x	Ok							
		Efficiency Ratios											
		Inventory Turnover	5.77x	6.08x	5.00x	Good							
		A/R Turnover	8.41x	8.99x	7.00x	Good	J 0			(C)			
		Average Collection Period	42.81 days	40.05 days	40.00 days	Ok				Ψ			
		Fixed Asset Turnover	1.17x	1.18x	1.30x	Ok	0 0						
		Total Asset Turnover	x88.0	x88.0	1.00x	Ok				Examing the DuPont Analysis using equation 3-29 shows an increase in N			
Δ -		Leverage Ratios					8 0			Profit Margin by 39%, a negligible increase in Total Asset Turnover <1%,			
	\prec	Total Debt Ratio	48.17%	45.24%	50.00%	Good				and a decrease in the Total Debt ratio by 6%. The increase to the Net Pro-			
		Long-term Debt Ratio	39.37%	36.48%	35.00%	Ok			11	Margin is the sole driver to the improvement in ROE. This means the			
		LTD to Total Capitalization	43.17%	39.98%	40.00%	Good	>	B		company is able to generate a better bottom line for investors. The Decrea			
		Debt to Equity	0.93x	0.83x	1.00x	Good				n the TD Ratio means that Equity is less concentrated, however since this			
		LTD to Equity	75.96%	66.62%	75.00%	Good	9			a small enough decrease, it does not impact the ROE as significantly as the			
		Coverage Ratios				9 0		- 8	increase in Net Profit Margin.				
		Times Interest Earned	3.29x	4.25x	2.50x	Good				increase in 14ct Front Margin.			
		Cash Coverage Ratio	6.80x	7.72x	5.00x	Good	8			Examining the DuPont analysis using equation 3-33 helps better understand			
		Profitability Ratios											
		Gross Profit Margin	20.90%	22.72%	20.00%	Good	8 5		8	the company's ROE through additional factors such as operating			
		Operating Profit Margin	6.99%	8.84%	6.00%	Good				profitability, interest burden, and tax burden. Since Tax burden does not			
		Net Profit Margin	3.65%	5.07%	3.00%	Good	3 19		- 8	change it does not matter in this analysis; instead, Interest burden and			
		Return on Assets	3.21%	4.47%	4.00%	Good				Operating margin are the key players. The increase in Op. Margin is a			
		Return on Equity	6.19%	8.17%	7.00%	Good	3 0		- 5	definite booster to the ROE as it increases the return for investors by			
		Return on Common Equity	24.80%	35.63%	7.00%	Good				controlling operating expenses. The interest burden increase indicates the			
			7- 191-Charles - 1970	04.74.64.644.6	7. V.M.M. M.			· ·		debt has an increasing role in the company. Increasing this Debt relative			
		DuPont Analysis (3-29)	Net Profit Margin			ROE		Check From Ratio Ar	alysis	Equity improves the ROE.			
^	-	2019	3.65%	x88.0	48.17%	6.19%		6.19%					
С		2020	5.07%	x88.0	45.24%	8.17%		8.17%	- 8	<u></u>			
	1	% Change	38.86%	0.41%	-6.08%			31.97%					
									- 53				
	1	Extended DuPont Analysis (3-33)	Op. Margin	EBT / EBIT	NI / EBT	TAT	TD Ratio	ROE	77				
		2019	6.99%	69.64%	75.00%	x88.0	48.17%	6.19%	- 2				
		2020	8.84%	76.46%	75.00%	x88.0	45.24%	8.17%	Ϋ́				