

Report Date: April 25, 2024

Basic Materials/General Mining

Price: 0.62

Bushveld Minerals Limited is a South Africa-based vertically integrated primary vanadium producer. The Company operates through four segments: Vanadium mining and production, Exploration, Energy, and Corporate. Vanadium mining and production consists of the Vametco and Vanchem operations. The Exploration segment includes energy and mineral exploration activities for vanadium and coal exploration. The Energy segment includes activities taking place in South Africa (iron ore, vanadium and energy), Madagascar (coal), other African countries (energy project development) and the global (battery investment, vanadium sales). It produces approximately 3,842 metric tons of vanadium (mtV). It participates in the vanadium value chain through its two resources: Bushveld Vanadium, which mines and processes vanadium ore, and Bushveld Energy, an energy storage solutions provider. Its Bushveld Vanadium assets include the Vametco mine and plant, Brits resource, Vanchem plant and Mokopane project.

Website:	https://www.bushveldminerals.com/
ICB Industry:	Basic Materials
ICB Subsector:	General Mining
Address:	Block A;Ground Floor, 24 Fricker Road, Illovo JOHANNESBURG 2196 ZAF
Employees:	814

	Current	YTY % Chg
Revenue LFY (M)	148	10.8
EPS Diluted LFY	-0.03	-55.6
Market Value (M)	8	
Shares Outstanding LFY (000)	1,287,148	
Book Value Per Share	0.03	
EBITDA Margin %	5.60	
Net Margin %	-30.9	
Long-Term Debt / Capital %	36.0	
Dividends and Yield TTM	0.00 - 0.00%	
Payout Ratio TTM %	0.0	
60-Day Average Volume (000)	8,550	
52-Week High & Low	4.34 - 0.63	
Price / 52-Week High & Low	0.14 - 1.00	

Price, Moving Averages & Volume



- Bushveld Minerals Ltd (Guernsey) is currently trading at 0.62 which is 51.9% below its 50 day moving average price of 1.29 and 66.1% below its 200 day moving average price of 1.83.
- BMN:LN is currently 85.7% below its 52-week high price of 4.34 and is 0.8% below its 52week low price of 0.63. Over the past 52-weeks, BMN:LN is
- down 84.8% while on a calendar year-to-date basis it is down 70.2%.

The Relative Strength Index (RSI) indicator for BMN:LN is currently 26.38. An RSI value of 70 and above is considered overbought and 30 and below oversold.

1

-51.92

-70.24

-3.70

-38.10

-56.79



Basic Materials/General Mining Price: 0.62 Report Date: April 25, 2024 Price Performance, Technical Indicators & Risk Metrics Difference **Price Performance** % Change vs FTSE 350 **Technical Indicators** 1-Day % -3.85 -4.18 50-Day Average Price 1.29 Price / 50-Day Average 0.48 1-Week % -44.44 -46.76 200-Day Average Price 1.83 4-Week % -50.46 -48.98 Price / 200-Day Average 0.34 -87.53 52-Week % -84.76 **RSI - Relative Strength Index** 26.38

-53.09

-74.01

-7.95

-40.67

Risk Metrics

Price Volatility

Sharpe Ratio

-60.67 Sortino Ratio

5-Year Price Performance vs. FTSE 350

Quarter-to-Date %

Year-to-Date %

Last Month %

Last Quarter %

Last Calendar Year %



Over the past five years, **Bushveld Minerals Ltd** (Guernsey)'s stock price is down 97.9% which is 106.1% below the FTSE 350 Index performance of 8.1% over the same period. Bushveld Minerals Ltd (Guernsey)'s cumulative annualized growth rate (CAGR) over the five year period has been -54.1% while that of the FTSE 350 Index has been 1.6%.

0.20

-0.19

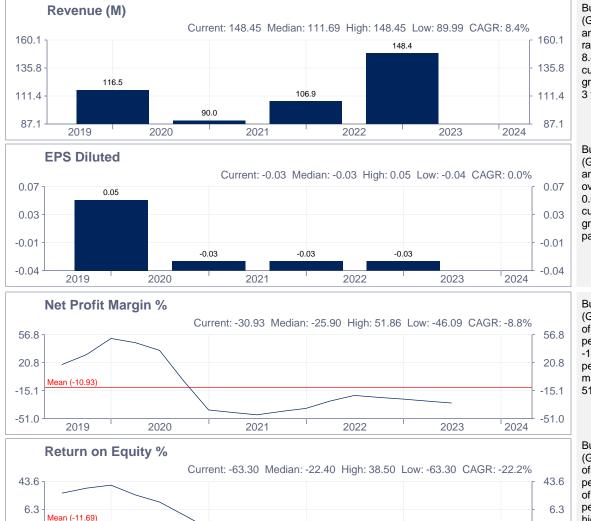
-0.33

Over the past year, Bushveld Minerals Ltd (Guernsey)'s stock price performance of -84.8% has underperformed that of the FTSE 350 Index by 87.5%. On a year-to-date basis, Bushveld Minerals Ltd (Guernsey)'s stock price performance of -70.2% has underperformed the FTSE 350 Index by 74.0%.

Over the past week, Bushveld Minerals Ltd (Guernsey)'s stock price performance of -44.4% has underperformed that of the FTSE 350 Index by 46.8%.



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Growth and Profitability	Metrics						
Historical Growth	3-Year	5-Year	10-Year	Profitability	Current	5-Year Average	10-Year Average
Revenues %	22.7	11.3		Gross Margin %	24.8	21.1	
Revenues Per Share %	18.2	3.6		EBITDA Margin %	5.6	-1.5	
EBITDA %	999.9	-26.7	999.9	Pre-Tax Margin %	-30.2	-7.4	
EPS Diluted %	-100.0	-100.0	-13.2	Net Margin %	-30.9	-10.9	
Free Cash Flow %	51.3	-100.0	75.5	Return on Equity %	-63.3	-11.7	-3.0
Cash from Operations %	999.9	2.7	999.9	Return on Capital %	-29.2	-4.7	-1.0
Book Value %	-39.4	-18.9	-18.3	Return on Assets %	-17.5	-3.0	-0.7



2021

Bushveld Minerals Ltd (Guernsey)'s cumulative annualized revenue growth rate over the charted period is 8.4%. This compares to cumulatative annualized growth of 22.7% over the past 3 years.

Bushveld Minerals Ltd (Guernsey)'s cumulative annualized EPS growth rate over the charted period is 0.0%. This compares to cumulatative annualized growth of -100.0% over the past 3 years.

Bushveld Minerals Ltd (Guernsey)'s net profit margin of -30.9% is 20.0% below the period's mean net margin of -10.9%. During the charted period, the observed net profit margin high and low were 51.9% and -46.1% respectively.

Bushveld Minerals Ltd (Guernsey)'s return on equity of -63.3% is 51.6% below the period's mean return on equity of -11.7%. During the charted period, the observed ROE high and low were 38.5% and -63.3% respectively.

-31.1

-68.4

2024

2019

2020

-31.1

-68.4

2022

2023



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Valuation Metrics							
	Current	5-Year Median	10-Year Median		Current	5-Year Median	10-Year Median
Price / EPS TTM	99.9	99.0	99.0	Earnings Yield %	-100.00	-26.71	-16.81
Price / Sales	0.1	1.2		Free Cash Flow Yield %	0.00	0.00	0.00
Price / Operating Cash Flow	v 99.9	99.9		Dividend Yield %	0.00	0.00	0.00
Price / Book Value	0.2	0.8	0.8	Enterprise Value / EBITDA	5.7	13.0	50.0



Bushveld Minerals Ltd (Guernsey) is trading at 99.90 times its EPS generated during the latest fiscal year. This multiple is equal to the historically observed median of 99.90, while high and low observations have been 99.90 and 1.66.

Bushveld Minerals Ltd (Guernsey) is trading at a Price to Sales ratio of 0.05 based on sales generated during the latest fiscal year. This ratio is below the historically observed median ratio of 1.19, while high and low observations have been 2.93 and 0.05.

Bushveld Minerals Ltd (Guernsey) is trading at a Price to Book ratio of 0.18 based on book value at the latest fiscal year end. This ratio is below the historically observed median of 0.82, while high and low observations have been 2.60 and 0.18.

Bushveld Minerals Ltd (Guernsey) has a Free Cash Flow Yield of 0.00% based on free cash flow generated during the latest fiscal year. This value is equal to the historically observed Free Cash Flow Yield of 0.00%, while high and low observations have been 10.26 and 0.00.

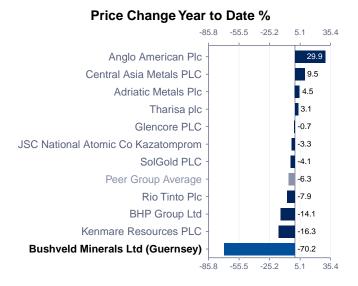
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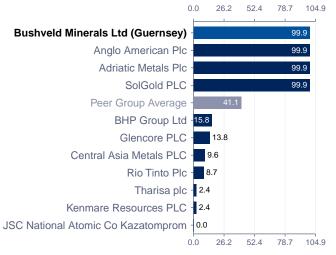
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Basic Materials/General Mining

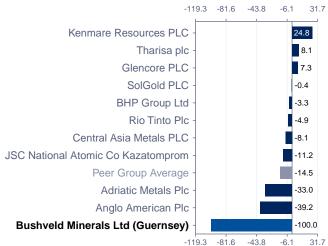
ICB Subsector Peer Comparisons



Price / EPS TTM

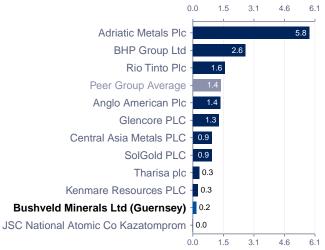


EPS 5-Year Growth Rate %

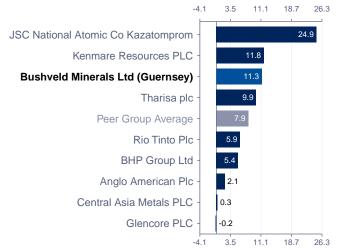




Price / Book Value



Revenue 5-Year Growth Rate %



www.ftserussell.com



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Abbreviations:

CAGR EBIT	 Cumulative annual growth rate. Earnings before interest and taxes.
EBITDA	- Earnings before interest, taxes, depreciation & amortization.
LFY	- Last fiscal year
М	- Million
LON	- London Stock Exchange

Definitions:

Market Value - Weekly Price times latest Shares Outstanding times any applicable ADR factor.

Revenue - Sum of the last four quarters of Revenues.

Revenue Per Share - Sum of the last four quarters of Total Revenue divided by Weighted Average Shares Outstanding.

Operating EPS LFY - EPS excluding non-recurring, non-operating items, fiscal year aligned TTM value.

60-Day Average Volume (000) - The average of the last 60 daily volume values in thousands of shares.

Price 52-Week High - The high closing price from the last 52 weeks of daily closing prices.

Price 52-Week Low - The low closing price from the last 52 weeks of daily closing prices.

Price / 52-Week High - Latest price divided by the high price from the past 52 weeks of daily closing prices.

Price / 52-Week Low - Latest price divided by the low price from the past 52 weeks of daily closing prices.

50-Day Average Price - Mean of last 50 daily closing prices.

200-Day Average Price - Mean of last 200 daily closing prices.

Price / 50-Day Average Price - Latest closing price divided by mean of last 50 daily closing prices, as a percentage.

Price / 200-Day Average Price - Latest closing price divided by mean of last 200 daily closing prices, as a percentage.

Relative Strength Index - Relative Strength Index or RSI measures the magnitude of gains over a given time period against the magnitude of losses over that period. The equation is RSI = 100 - 100 / (1 + RS) where RS = (total gains / n) / (total losses / n) and n = number of RSI periods. In this item, 14 days is used and one year of daily prices are considered. A value of 30 or below may imply oversold and 70 or above may imply overbought.

Price Volatility - The standard deviation of the last 20 days of daily closing prices.

Sharpe Ratio - The 5 year average of the excess monthly return over the risk - free rate(1 - month T - bill) over the 5 year standard deviation of the same series.

Sortino Ratio - The same calculation as the Sharpe Ratio but with positive excess returns set to zero for the standard deviation denominator, so only negative volatility weighs in.

Dividends Per Share TTM - Sum of the last four quarters of Dividends Per Share.

Payout Ratio - Dividends Per Share TTM divided by Operating EPS TTM.

Dividend Yield TTM % - Sum of the last four quarter of Dividends Per Share divided by Weekly Price.

EBITDA - Sum of the last four quarters of EBITDA (Operating Income + Depreciation & Amortization).

Free Cash Flow - Sum of the last four quarters Net Cash from Operations minus Capital Expenditures (Purchase of Property, Plant & Equipment), from the Cash Flow Statement.

Book Value Per Share - Total Common Equity last quarter divided by Shares Outstanding last quarter.

Gross Margin % - Sum of the last four quarters Gross Profit divided by the sum of the last four quarters Revenues.

EBITDA Margin % - Sum of the last four quarters EBITDA divided by the sum of the last four quarters Revenues.

Pre-Tax Margin % - Sum of the last four quarters of Earnings Before Taxes divided by sum of the last four quarters Revenues.

Net Profit Margin % - Sum of the last four quarters of Operating EPS divided by sum of the last four quarters Revenues Per Share.

Return on Equity % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Book Value.

Return on Capital % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Total Capital Per Share.

Return on Assets % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Total Assets Per Share.

Price / EPS TTM - Weekly Price divided by the sum of the last four quarters of Operating EPS (capped at 99.9).

Price / Sales - Weekly Price divided by Revenues Per Share TTM.

Price / Book Value - Weekly Price divided by Book Value Per Share last quarter. Book Value Per Share is Total Common Equity last quarter divided by Shares Outstanding last quarter (capped at 49.9).

Free Cash Flow Yield % - Free Cash Flow Per Share TTM divided by Weekly Price.

Enterprise Value - Market Value plus Total Debt last year plus Preferred Equity last year minus Cash & Cash Equivalents last year.

Enterprise Value / Sales - Enterprise Value divided by the sum of the last four quarters of Revenue.

Enterprise Value / EBITDA - Enterprise Value divided by EBITDA TTM.

Enterprise Value / EBIT - Enterprise Value divided by trailing four quarters of Operating Income.

Enterprise Value / Free Cash Flow- Enterprise Value divided by the sum of the last four quarters of Free Cash Flow.

Russell 1000 Index - The largest 1,000 stocks by market cap, the index comprehensively covers the US large cap universe.

EPS 5-Year Growth Rate % is capped at 999.9%.

Revenue 5-Year Growth Rate % is capped at 999.9%.



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