9 January 2020 15:13 GMT

BUY

Current Share Price	33p
Target Price	70p
Market Capitalisation	£104m
Shares In Issue	319m
RIC/BLBG	DNK.L/DNK LN
Avg. Daily Volume (3M)	6,582
Broker	Yes

Current share price(s) timed at 4:30pm on 08/01/20

Share Price



Performance (%)	1M	3M	12M
Absolute	-10	-7	-21
Relative	-14	-14	-29

Source: Datastream (relative to UK-DS Market index)

Analysts

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Danakali

Industry Update

Potash space hots up

In our view, Anglo American's potential offer for Sirius Minerals, which owns the Woodsmith project in North Yorkshire, highlights the potential for consolidation in the potash space and the demand for world-class projects, of which Colluli is one. In contrast to Woodsmith, Colluli is near surface, with lower capital intensity and produces a product for which there is an established global market and pricing mechanism. We retain a Buy recommendation for Danakali and a target price of 70p based on 0.6x NAV, with the main upcoming catalysts being finalizing the project funding package and commencing development. DNK achieved a number of key milestones in 2019, securing both project debt and a strategic investor to underpin the development of Colluli.

- Potential bid for Sirius by Anglo Anglo American has indicated that it is in advanced discussions in relation to a cash proposal for Sirius Minerals at 5.5p/share that would value the company at £386m. Sirius has faced material headwinds with the funding package for its Woodsmith project in North Yorkshire, with the shares down 75% in the past 12 months and 86% from their peak in August 2016. As a Tier I diversified miner with a market cap of £30bn, AAL would be better positioned to fund and develop an asset of this scale. In our view, this would be a strategic move by AAL that recognizes the importance of potash in a world where maintaining crop yields in the face of a rising global population is a clear priority.
- Colluli offers lower technical and execution risk with manageable capex... Total capital expenditure for the development of both phases of Colluli to produce 944kt/year of SOP is US\$524m, based on the FEED study; US\$550 per t of SOP capacity. The capital cost to develop a 10Mt/year operation at Woodsmith is US\$8.77bn; US\$877/t of polyhalite production capacity. The Colluli deposit is located near to surface in a very sparely populated area with transport to port by truck. Woodsmith occurs at a depth of >1,500m and, as the deposit is located in a national park, transport to port would be by a capital intensive underground conveyor system. Colluli is a long-life asset with a Reserve of 1.1Bn t at 10.5% K2O that hosts 203Mt of contained SOP. The ore from Colluli is amenable to processing at ambient temperatures and pressures, with cash costs in the lowest quartile for the SOP industry at US\$242/t.
- ...and is selling into a developed market Colluli will produce Sulphate of Potash (SOP), which is a well-developed global market. The SOP market is approximately 7.1Mt/year, with SOP used for higher value crops. The SOP market remained relatively robust in 2019, with pricing at around US\$500/t, despite the impact of weather and record Chinese exports. Our long-term modelled SOP price is US\$600/t. By contrast, Sirius's polyhalite product has no large-scale current market or established pricing mechanism.

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Figure 1: Danakali Summary Financials

Valuation Colluli Cash Debt Equity raised Cash from options SG&A and central Valuation (fd) Current NAV Multiple (Implied) Valuation NAV valuation Ta Other data Basic shares (m) Fully diluted shares (m) Fully diluted, fully funded shares (m) Sensitivity Analysis Base case SOP price forecast Base case +10% Base case -10% News Catalyst (CY) FEED design finalised Offtake finalised Finance finalised Finance finalised Project construction Phase I production Phase II Resource / Reserve Reserves Reserves Reserves Resources (M&I) Resources (M&II) Production (100% basis)	\$1.35 Disc Rate 8% 8% 8% 2018	US\$m 598 6 - 170 1 (61) 714 ple 265.3 267.3 607.3	US\$/sh 0.98 0.01 - 0.28 0.00 (0.10) 1.18	2021	A\$0.62 A\$/sh £0.53 £0.01 £0.00 £0.22 £0.00 -£0.08 £0.68 0.36x £0.70 A\$1.35 NAVPS (£) 0.68 0.79 0.56	Enterprise Value (EV) Net Debt (Cash) Ratio analysis Average shares out (m) Adj. EPS (US\$/sh) EPS growth (%) PE (x) CFPS before w/c (US\$/sh) P/CF (x) FCFPS (US\$/sh) P/FCFPS FCF yield (%) FCF margin (%) EV (US\$m) EV/EBITDA (x) EBITDA margin (%) ROA (%) ROE (%) Net Debt / EBITDA (x) Gearing (Debt/Equity) (x) Interest Cover (x) Income statement (US\$m) Revenue Cost of sales D&A Gross profit Exploration Admin expense Net interest	A\$158m -A\$6m 2018A 202 (0.03) - (0.01) - (0.13) - (13%) 116.0 - (17.9%) (18%) (21%) - 0.0x - 2018A - (0.0) (0.0) (0.0)	2019E 271 (0.01) (0.02) - (2%) 132.7 (3.2%) (3%) - 0.0x (2.4) 0.1	Reporting Share 2020E 516 (0.01) - (0.01) - (0.13) - (13%) 188.6 - (1.1%) (1%) (1%) - 2020E (5.2) 1.4	Currency s in Issue 2021E 607 (0.03) (0.00) - (0.26) - (26%) 463.3 - (5.0%) (11%) (3%) - 1.1x (1.0x) 2021E - (8.8) - (5.2) (11.6)	2666 2022126 61 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
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Illy diluted shares (m) Illy diluted, fully funded shares (m) Institutty Analysis se case SOP price forecast se case +10% se case -10% INSTITUTE D'EST D'ES		267.3 607.3	2020	12M low:	£0.33 NAVPS (£) 0.68 0.79 0.56	ROE (%) ROCE (%) Net Debt / EBITDA (x) Gearing (Debt/Equity) (x) Interest Cover (x) Income statement (US\$m) Revenue Cost of sales D&A Gross profit Exploration Admin expense Net interest	(18%) (21%) 0.0x - 2018A - (0.0) (0.0) - (2.7) 0.2	(3%) (3%) - 0.0x - 2019E - - - (2.4) 0.1	(1%) (1%) - 0.3x - 2020E - - - - (5.2)	(11%) (3%) - 1.1x (1.0x) 2021E - (8.8) (8.8) - (5.2)	2022 189. (109. (21.
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isse case -10% isse case -10%		2019	2020		0.56	Income statement (US\$m) Revenue Cost of sales D&A Gross profit Exploration Admin expense Net interest	(0.0) (0.0) (0.0) - (2.7) 0.2	- - - (2.4) 0.1	- - - - (5.2)	2021E - (8.8) (8.8) - (5.2)	189 (109 (21 58
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EED design finalised fitake finalised nance finalised oject construction nase I production nase II nas		2019	2020		2022+	Gross profit Exploration Admin expense Net interest	(0.0) - (2.7) 0.2	- (2.4) 0.1	- (5.2)	(8.8)	58.
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oject construction pase I production pase II production pase II production pase II production pase II production (100% basis)	Tonnes			Ш			0.2	0.1			
	Tonnes	_		Ш			(0.5)				(22.
	Tonnes			H2		Other	(3.5)	1.7	0.0	(0.0)	(6.
eserves 1 esources (M&I) 1 esources (M&I&I) 1 roduction (100% basis)	Tonnes				2026	Tax	-	-	-	-	
esources (M&I) 1 esources (M&I&I) 1 roduction (100% basis)		(% SOP)	Mt SOP	EV/t SOP		Net income	(6.1)	(0.6)	(3.8)	(25.7)	23.
esources (M&I&I) 1 roduction (100% basis)	100.0 Mt	10.5%	116 Mt	0.93		EBITDA	(8.1)	(2.4)	(5.2)	(5.2)	68.
oduction (100% basis)	254.0 Mt	10.9%	137 Mt	0.79		Cash flow (US\$m)	2018A	2019E	2020E	2021E	2022
	289.0 Mt	10.9%	140 Mt	0.77		Net (loss) income	(6.1)	(0.6)	(3.8)	(25.7)	23.
Op Price (US\$/t SOP)	2018A	2019E	2020E	2021E	2022E	Non-cash adjustments	0.1	-	-	8.8	21.
	600.00	600.00	600.00	600.00	600.00	Working capital movements	0.0	-	-	(0.2)	(33.
roduction (kts SOP)	-	-	-	-	236	Net interest & other	2.5	(1.7)	-	13.7	23.
otal cash cost (ex royalties, \$/t SOP)*	-	-	-	-	346.10	Cash flow from operations	(3.4)	(2.3)	(3.8)	(3.3)	35.
SC (US\$/t SOP)	-	-	-	-	408.11	PP&E	(6.5)	(3.5)	(102.2)	(201.3)	(106.
CC=site mining costs + logistics costs						Exploration	-	-	-	-	
						Other	-	-	-	-	
SOP Production (kt 100% basis)				C1 Cash Co	st / AISC (\$/lb)	Cash flow from investing	(6.5)	(3.5)	(102.2)	(201.3)	(106.
1,000				01 0431100	500.00	Interest received / (paid)	-	-	-	13.7	23.
•						Share issue	3.9	31.8	202.0	-	
						Debt drawn down	-	-	88.9	177.8	
800					400.00	Debt repaid	-	-	-	-	
>						Cash flow from financing	3.9	31.8	290.9	164.1	(23.
						Forex	0.0	-	-	-	
600					300.00	Net change in cash	(6.0)	26.0	184.9	(40.5)	(94.
//			- :			Cash at end of period	9.6	35.6	220.4	179.9	85.
400					- 200.00	Balance sheet (US\$m)	2018A	2019E	2020E	2021E	2022
400					200.00	Cash	9.6	35.6	220.4	179.9	85
/						AR	0.1	0.1	0.1	-	31
200					100.00	Inventories	-	-	-	-	31
					100.00	PPE	9.3	9.3	9.3	9.3	9
/						Other	19.9	25.1	127.4	319.9	404
					n -	Total assets	38.8	70.1	357.2	509.1	561
2022F 2023F 2024	F 20	25F 2026F	2027F	2028F		AP	38.8	70.1	357.2	509.1	561
		ex. Royalties)		AISC		Debt	-	-	88.9	266.7	266
						Deferred tax	-	-	-	-	
sumptions	2018A	2019E	2020E	2021E	2022E	Other	(38.4)	(69.7)	(356.8)	(508.9)	(532
erage Price Received (US\$/t SOP)	600	600	600	600	600	Total liabilities	0.4	0.4	89.3	266.8	295.
change Rate (US\$:A\$)	600			0.75	0.75	Shareholders equity	38.4 (54.3)	69.7	267.9	242.2	266
change Rate (US\$:GBP)	0.78 1.35	0.75 1.38	0.75 1.40	1.40	1.40	Retained earnings		(54.9)	(58.7)	(84.3) 509.1	(60. 561 .

Source: Company & Numis Securities Research

509.1

357.2

Liabilities + equity



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As from	14 Febr	uary 200!	5 the for	rmula is:

Buy	>= +20%
Add	>= +10% to +19.99%
Hold	0% to +/-9.99%
Reduce	<= -10% to -19.99%
Sell	<= -20%

Upon the initial establishment of a rating and target price for a company, an additional 10 % deviation in the price from the default bands set out above is permitted before the rating has to be changed in subsequently published investment recommendations

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		uirement - 30/09/2019	UK Requirement 01/07/2019 - 30/09/2019		
	All Securities	Corporate Clients	All Securities	Firms provided with material banking services	
Buy	51.9%	78.3%	55.9%	76.1%	
Add	19.1%	15.9%	20.3%	18.6%	
Hold	24.3%	24.3% 5.7% 3.3% 0.0% 1.4% 0.0%		5.3%	
Reduce	3.3%			0.5%	
Sell	1.4%			0.0%	
Total	100%	100%	100%	100%	
	The above tabl split of recomm based on the la recommendation research stock four calendar q	endations ast on for each during the last	The above table shows the split of recommendations based on all recommendations during the last calendar quarter for all securities and within each category the proportion of issuers to which Numis supplied material banking services.		

For a list of all ratings on any financial instrument or issuer disseminated by the Research Department of Numis Securities Ltd. during the preceding 12-month period, please refer to www.numis.com/x/mars.html. On request, the Numis Securities Ltd Compliance Department will provide a list of all ratings disseminated by other employees of Numis Securities Ltd.

The following graphs display the three year rating, target price and share price history for the subject corporation(s) of this investment recommendation. In those

instances, where the subject corporation(s) have been publicly traded for less than three years, the graph will show the history since the date the subject corporation(s) were admitted to trading. Prices in the graph(s) below are in pence unless otherwise stated.

Three Year - Recommendation, Target Price, Share History



Source: Numis Securities Research