

ASX Announcement
22 July 2021

NORTHERN STAR HITS FY21 GUIDANCE AFTER STRONG QUARTER

Gold sales and cash flow up; Costs down

KEY POINTS

Environment, Social and Safety (ESS)

- LTIFR at 0.9 (WA Metalliferous average 2.0)

Production*

- **Gold sold 444,012oz at an AISC of A\$1,459/oz (US\$1,123/oz);** By Production Centre:
 - **Kalgoorlie: 272,882oz gold sold at an AISC of A\$1,445/oz**, including:
 - KCGM 139,264oz at an AISC of A\$1,296/oz
 - Kalgoorlie Operations 69,508oz at an AISC of A\$1,805/oz
 - Carosue Dam 64,110oz at an AISC of A\$1,380/oz
 - **Yandal: 112,301oz gold sold at an AISC of A\$1,298/oz**, including:
 - Jundee 80,540oz at an AISC of A\$1,299/oz
 - Thunderbox 31,761oz at an AISC of A\$1,297/oz
 - **Pogo: 58,829oz gold sold at an AISC of US\$1,347/oz**
- **Group all-in cost (AIC) of A\$1,850/oz**
- **Gold sold for full year to 30 June of 1.6Moz (within FY21 guidance 1.5-1.7Moz); AISC for full year was A\$1,483/oz (within FY21 guidance of A\$1,390-A\$1,520/oz)**
- Delivery of synergies from the merger between Northern Star and Saracen continued ahead of schedule

Financial*

- June quarter **average realised price of A\$2,179/oz for sales revenue of A\$914M** (217,690oz hedging delivered at A\$2,017/oz)
- **Cash and bullion of A\$803M at 30 June 2021 (A\$696M at March 31) after investing A\$215M in growth capital and exploration**
- **Corporate bank debt of A\$662M**
- **Hedge book at 30 June 801,570oz at an average price of A\$2,286/oz** (844,309oz at A\$2,203/oz at 31 March)

Growth and Exploration

- **Reserves increased 8% to 21Moz and Resources increased 15% to 56Moz** over the 9-month period to 31 March 2021[^]; **Closing ore stockpiles of 3.2Moz** (inventory awaiting processing)
- **Binding agreement to sell Kundana Assets for A\$400M cash as announced today;** Sale is consistent with Northern Star's strategic focus on active portfolio management

*Includes gold sold and costs from Carosue Dam (CDO), Thunderbox (TBO) and 100% of KCGM from 1 July 2020 (implementation date 12 February 2021).

OVERVIEW

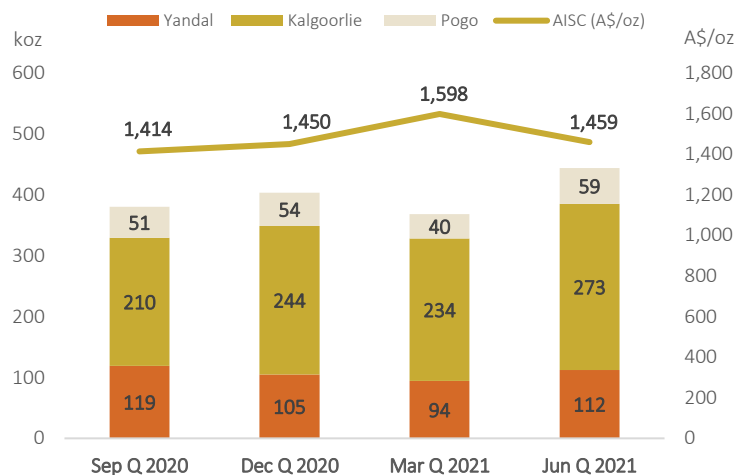
Northern Star Resources Limited (ASX: NST) is pleased to report strong operational and financial results for the June quarter 2021.

Gold sold during the quarter totalled **444,012oz at an all-in sustaining cost (AISC) of A\$1,459/oz.**

This takes gold sold for the 12 months to June 30 to **1.6Moz at an AISC of A\$1,483/oz, in-line with FY21 guidance of 1.5-1.7Moz at an AISC of A\$1,390-A\$1,520/oz.**

Net mine cash flow in the quarter was A\$182 million after investing A\$176 million in growth capital and A\$39 million in exploration.

Figure 1: Group Gold Sales and AISC



OUTLOOK

Northern Star will be releasing its pre-recorded 2021 Investor Day presentation to the ASX platform later today at 2:30pm AWST (4:30pm AEST).

All stakeholders are invited to view the presentation prior to the Company hosting a live, interactive Question & Answer Session for analysts and media on Friday, 23 July 2021 at 6:30am AWST (8:30am AEST).

The presentation will include multi-year production, AISC and growth capital outlook.

Northern Star Managing Director Stuart Tonkin said the business had met or exceeded its key targets in the quarter.

“It was a strong operational performance from our recently-merged team with production and costs comfortably in line with the undertakings we provided to the market,” Mr Tonkin said.

“This flowed through to our financial results, with cash flow rising significantly from the previous quarter, leaving us with cash and bullion of more than A\$800M at the end of the financial year.”

Mr Tonkin said Northern Star was already seeing the synergies of its merger with Saracen Mineral Holdings.

“As we bed down the merger, the savings and the productivities are coming through at numerous levels,” he said. “And the scale of our business, now underpinned by Reserves of 21Moz exclusively in tier-one locations, is exceptional.”

Northern Star’s quarterly conference call will be held today at 11:00am AEST (9:00am AWST). The call can be accessed at: <https://webcast.boardroom.media/northern-star-resources-ltd/20210722/NaN60e5645f6683f40019d1fbb8>



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Table 1: June quarter 2021 performance summary

3 MONTHS ENDING 30 JUNE 2021	Units	Jundee	Thunderbox	KCGM	Kalgoorlie Operations	Carosue Dam	Pogo	Total
Underground Mining								
Ore Hoisted	Tonnes	559,240	305,236	357,482	726,079	657,440	238,926	2,844,403
Mined Grade	g/t Au	4.9	1.9	1.8	3.5	2.8	9.2	3.7
Ore Hoisted	oz	88,198	18,799	20,746	82,363	59,364	70,325	339,795
Open Pit Mining								
Open Pit Material Moved	BCM	-	2,087,004	7,407,194	-	1,733,977	-	3,820,981
Open Pit Ore Mined	Tonnes	-	194,107	2,169,666	-	438,964	-	2,802,737
Mined Grade	g/t Au	-	1.1	1.5	-	1.0	-	1.4
Gold in Open Pit Ore Mined	oz	-	6,824	107,512	-	14,420	-	128,756
Mill Production								
Milled Tonnes	Tonnes	688,801	734,741	3,568,932	785,289	873,130	238,897	6,889,790
Head Grade	g/t Au	4.2	1.3	1.4	3.4	2.4	9.1	2.3
Recovery	%	91	93	84	90	93	87	89
Gold Recovered	oz	83,562	28,965	137,890	76,175	63,181	60,968	450,741
Gold Sold - Pre-Production	oz	-	19,673	-	-	4,806	-	24,479
Gold Sold - Production	oz	80,540	12,088	139,264	69,508	59,304	58,829	419,533
Gold Sold	oz	80,540	31,761	139,264	69,508	64,110	58,829	444,012
Average Price	A\$/oz	2,197	2,119	2,196	2,187	2,145	2,135	2,179
Revenue - Gold ⁽²⁾	A\$M	177	26	306	152	127	126	914
Total Stockpiles Contained Gold								
Total Stockpiles Contained Gold	oz	66,910	33,078	2,938,272	32,832	91,242	6,260	3,168,594
Gold in Circuit (GIC)	oz	9,238	3,465	27,416	15,286	8,013	9,331	72,749
Gold in Transit	oz	-	34	-	-	-	-	34
Total Gold Inventories	oz	76,148	36,577	2,965,688	48,118	99,255	15,591	3,241,377
Operating Costs								
Underground Mining	A\$M	47	-	16	62	39	42	206
Open Pit Mining	A\$M	4	-	37	-	-	-	41
Processing	A\$M	16	7	75	22	14	26	160
Site Services	A\$M	4	1	9	4	4	9	31
Ore Stock & GIC Movements	A\$M	1	6	8	(2)	6	1	20
Royalties	A\$M	5	1	8	4	6	-	24
By Product Credits	A\$M	-	-	(2)	-	-	-	(2)
Cash Operating Cost	A\$M	77	15	151	90	69	78	480
Rehabilitation - Accretion & Amort'n	A\$M	-	-	1	1	1	-	3
Corporate Overheads ⁽³⁾	A\$M	6	1	7	5	2	3	24
Mine Development/Sustaining CAPEX	A\$M	22	-	22	30	10	21	105
All-in Sustaining Cost	A\$M	105	16	181	126	82	102	612
Exploration ⁽⁴⁾	A\$M	4	4	7	8	11	5	39
Gross Growth Capital	A\$M	12	74*	33	5	36	16	176
Development Receipts	A\$M	-	(41)	-	-	(10)	-	(51)
All-in Costs	A\$M	121	53	221	139	119	123	776
Cash Flow								
Mine Operating Cash Flow ⁽¹⁾	A\$M	79	17	141	30	51	28	346
Net Mine Cash Flow ⁽¹⁾	A\$M	63	(20)	101	17	14	7	182
Costs per Ounce								
Cash Operating Cost	A\$/oz	953	1,240	1,084	1,290	1,171	1,331	1,144
All-in Sustaining Cost	A\$/oz	1,299	1,297	1,296	1,805	1,380	1,749	1,459
All-in Costs	A\$/oz	1,498	4,305*	1,586	1,986	2,003	2,118	1,850
Depreciation & Amortisation	A\$/oz	388	390	810	562	1,533	595	748
Non Cash Inventory Movements	A\$/oz	(19)	1,922	313	(56)	(25)	(47)	136

(1) Mine Operating Cash Flow is calculated as Revenue, less Cash Operating Costs (excluding inventory movements) and Mine Development/Sustaining Capital. Net Mine Cash Flow is calculated as Mine Operating Cash Flow less Net Growth Capital.

(2) Excludes the impact of unwinding the Saracen hedge book fair value assumed as part of the initial acquisition accounting required in relation to the merger with Saracen. Revenue - Gold does not include Development Receipts.

(3) NST includes non-cash share-based payment expenses in corporate overheads. These totalled A\$14/oz for the June-21 quarter.

(4) Excludes exploration spend at non-producing projects and regional sites.

*Thunderbox growth capital includes A\$15M for long-lead items relating to the Thunderbox mill expansion to 6.0Mtpa

Pogo Operations costs are presented in AUD which is the Group's presentation currency. USD cost disclosure is presented in Table 11.

Table 2: FY21 performance summary

FULL YEAR ENDING 30 JUNE 2021	Units	Jundee	Thunderbox ⁽¹⁾	KCGM ⁽¹⁾	Kalgoorlie Operations	Carosue Dam ⁽¹⁾	Pogo	Total
Underground Mining								
Ore Hoisted	Tonnes	1,932,415	863,197	1,557,922	2,922,623	2,531,332	849,892	10,657,381
Mined Grade	g/t Au	4.3	1.8	1.7	3.1	2.8	8.6	3.4
Ore Hoisted	oz	265,000	50,439	84,208	290,878	224,697	235,584	1,150,806
Open Pit Mining								
Open Pit Material Moved	BCM	-	8,105,457	25,525,018	-	4,959,072	-	26,367,589
Open Pit Ore Mined	Tonnes	561,191	640,387	6,632,900	-	1,079,922	-	8,914,400
Mined Grade	g/t Au	1.8	1.3	1.5	-	1.0	-	1.5
Gold in Open Pit Ore Mined	oz	32,808	27,157	329,978	-	33,936	-	423,879
Mill Production								
Milled Tonnes	Tonnes	2,715,941	2,928,409	12,971,624	2,873,351	3,152,305	848,205	25,489,835
Head Grade	g/t Au	3.6	1.6	1.4	3.1	2.5	8.6	2.2
Recovery	%	90	94	83	90	93	89	89
Gold Recovered	oz	285,908	140,306	478,438	256,970	234,136	209,647	1,615,359
Gold Sold - Pre-Production	oz	-	55,779	32,493	-	21,014	-	109,286
Gold Sold - Production	oz	286,676	88,211	439,596	256,657	211,262	204,041	1,486,443
Gold Sold⁽²⁾	oz	286,676	143,990	472,089	256,657	232,276	204,041	1,595,729
Average Price	A\$/oz	2,299	2,261	2,281	2,279	2,221	2,303	2,277
Revenue – Gold⁽²⁾⁽⁵⁾	A\$M	659	199	1,003	585	469	470	3,385
Total Stockpiles Contained Gold								
Total Stockpiles Contained Gold	oz	66,910	33,078	2,938,272	32,832	91,242	6,260	3,168,594
Gold in Circuit (GIC)	oz	9,238	3,465	27,416	15,286	8,013	9,331	72,749
Gold in Transit	oz	0	34	0	0	0	0	34
Total Gold Inventories	oz	76,148	36,577	2,965,688	48,118	99,255	15,591	3,241,377
Operating Costs								
Underground Mining	A\$M	162	-	64	235	142	148	751
Open Pit Mining	A\$M	11	7	118	-	-	-	136
Processing	A\$M	59	34	268	93	54	105	613
Site Services	A\$M	15	7	39	20	14	35	130
Ore Stock & GIC Movements	A\$M	7	22	(1)	(6)	2	(8)	16
Royalties	A\$M	18	6	27	14	26	-	91
By Product Credits	A\$M	(1)	(1)	(5)	(2)	(1)	(1)	(11)
Cash Operating Cost	A\$M	271	75	510	354	237	279	1,726
Rehabilitation-Accretion & Amort'n	A\$M	1	1	4	3	2	2	13
Corporate Overheads ⁽⁶⁾	A\$M	19	4	22	18	7	10	80
Mine Development/Sustaining CAPEX	A\$M	74	2	73	124	31	86	390
All-in Sustaining Cost	A\$M	365	82	609	499	277	377	2,209
Exploration ⁽⁷⁾	A\$M	21	17	22	37	29	17	143
Gross Growth Capital	A\$M	33	215	153	13	133	50	597
Development Receipts	A\$M	-	(120)	(76)	-	(45)	-	(241)
All-in Costs	A\$M	419	194	708	549	394	444	2,708
Cash Flow								
Mine Operating Cash Flow ⁽⁴⁾	A\$M	321	144	419	101	200	97	1,283
Net Mine Cash Flow ⁽⁴⁾	A\$M	267	32	320	51	83	30	784
Costs per Ounce								
Cash Operating Cost	A\$/oz	946	846	1,161	1,379	1,121	1,369	1,158
All-in Sustaining Cost	A\$/oz	1,278	924	1,385	1,942	1,311	1,851	1,483
All-in Costs	A\$/oz	1,469	2,198	1,609	2,138	1,864	2,181	1,819
Depreciation & Amortisation ⁽³⁾	A\$/oz	323	444	394	495	673	461	450
Non Cash Inventory Movements ⁽³⁾	A\$/oz	22	335	205	(22)	2	(25)	78

- (1) The year-to-date results include Carosue Dam (CDO), Thunderbox (TBO) and 100% of KCGM from 1 July 2020. Contribution to NST earnings is from 12 February 2021.
- (2) The year-to-date includes A\$709 million in pre-merger revenue (304koz gold sold - production) from assets brought into the Group as a result of the merger with Saracen Mineral Holdings (CDO, TBO and 50% KCGM).
- (3) June-20 to Mar-21 quarters exclude the impact of the fair value uplift to CDO, TBO and KCGM stockpiles, plant and equipment and mine properties and any other assets identified as a result of the acquisition accounting required in relation to the merger with Saracen.
- (4) Mine Operating Cash Flow is calculated as Revenue, less Cash Operating Costs (excluding inventory movements) and Mine Development/Sustaining Capital. Net Mine Cash Flow is calculated as Mine Operating Cash Flow less Net Growth Capital.
- (5) Excludes the impact of unwinding the Saracen hedge book fair value assumed as part of the initial acquisition accounting required in relation to the merger with Saracen (non-cash increase to revenue ~\$59M). Revenue - Gold does not include Development Receipts (refer note 6).
- (6) NST includes non-cash share-based payment expenses in corporate overheads. These totalled A\$9/oz for the FYTD.
- (7) Excludes exploration spend at non-producing projects and regional sites.

Pogo Operations costs are presented in AUD which is the Group's presentation currency. USD cost disclosure is presented in Table 11.

ENVIRONMENT, SOCIAL AND SAFETY

There were no Lost Time Injuries (LTI) reported in the June quarter.

Northern Star's LTIFR is 0.9, compared to the WA Metalliferous average of 2.0¹.

Table 3: June quarter 2021 Group safety performance

Term	Yandal	Kalgoorlie	Pogo	Group
TRI	1	16	1	18
TRIFR	3.9	7.1	2.2	5.6
LTI	0	0	0	0
LTIFR	0.6	1.2	0.5	0.9

During the June quarter the Northern Star Board approved the following new company policies:

- Climate Change Policy
- Human Rights Policy

OPERATIONS

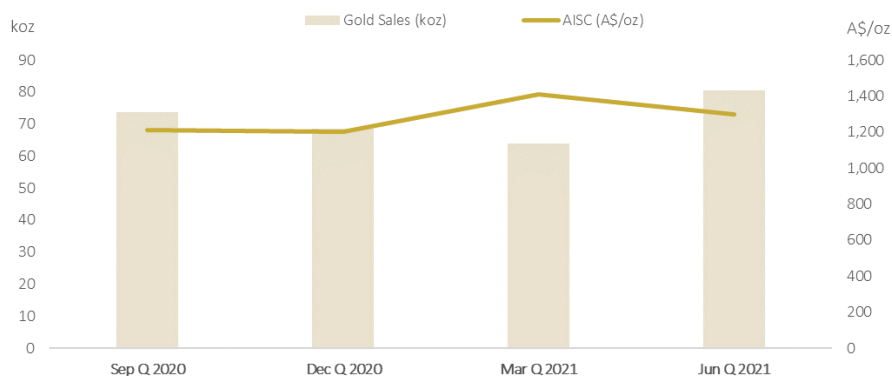
YANDAL - Jundee Operations

Jundee sold 80.5koz at an AISC of A\$1,299/oz (March quarter 64.0koz @ A\$1,409/oz). Mine operating cash flow was A\$79M. Net mine cash flow was A\$63M after growth capital of A\$12M.

Development was the priority with decline advance into Colloform, Hampton, Moneyline, Deakin South, Lyons South and Gringotts. Ore development continued in all mining areas. Development advance remained strong with record quarterly development advance achieved. Stope tonnes increased across the quarter as new areas were accessed.

Pre-production capital works and stripping commenced in May at the Julius Open Pit which will further add to gold production by displacing lower grade stockpile mill feed in FY22.

Figure 2: Jundee Gold Sales and AISC



¹ Source: Department of Mines, Industry Regulation and Safety 2020, Safety performance in the Western Australian mineral industry - accident and injury statistics 2019-20.

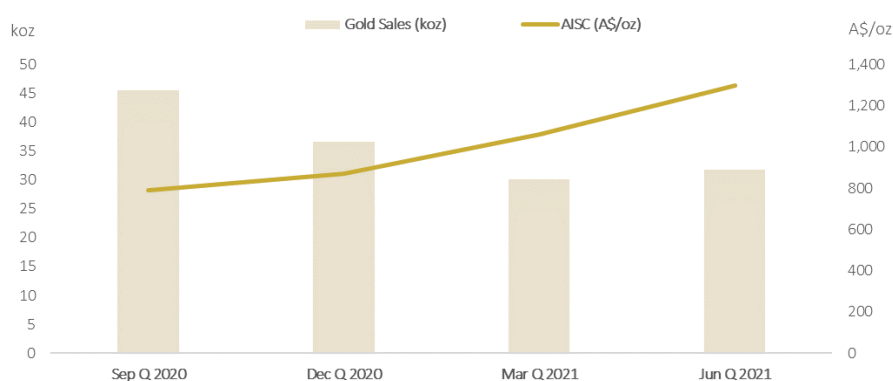
YANDAL - Thunderbox Operations

Thunderbox sold 31.8koz at an AISC of A\$1,297/oz (March quarter 30.1koz @ A\$1,061/oz). Mine operating cash flow was A\$17M. Net mine cash flow was -A\$20M after growth capital of A\$74M. Growth capital includes \$15M for long-lead items relating to the Thunderbox mill expansion to 6.0Mtpa.

Open pit mining continues at Thunderbox with the pre-stripping of D Zone adjacent to the mill whilst underground production activities continue to ramp up at both A and C Zones.

The paste plant was commissioned on schedule with initial paste filling commencing during the quarter. Milling for the June quarter was 735kt (March quarter 679kt), processing ore primarily from A and C Zone underground and stockpiles.

Figure 3: Thunderbox Gold Sales and AISC



KALGOORLIE - KCGM Operations

KCGM sold 139.3koz at an AISC of A\$1,296/oz (March quarter 107.8koz @ A\$1,496/oz). Mine operating cash flow was A\$141M. Net mine cash flow was A\$101M after growth capital of A\$33M.

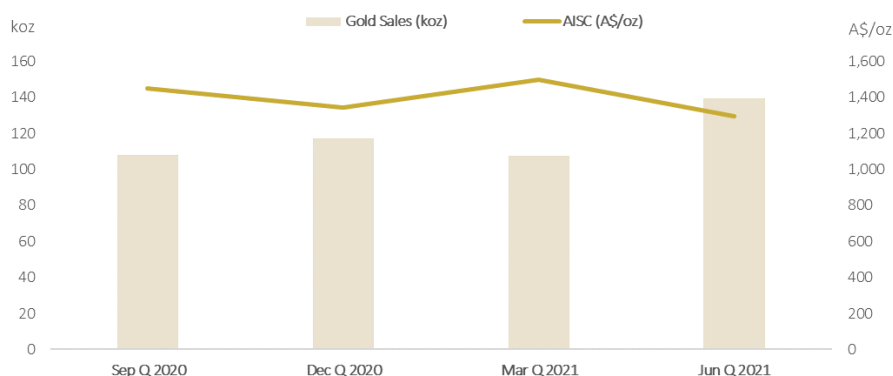
The June quarter was the strongest performance to date under Northern Star ownership. KCGM achieved an overall lift in gold production of 18% compared to the previous record in the December 2020 quarter. Key contributing factors were improved mill utilisation and higher head grades after adopting the more selective flitch mining method.

Open Pit mining rates continue to ramp-up, with a production rate of 68Mtpa achieved at quarter end. Mining occurred across Golden Pike, Morrison, Oroya Brownhill and Fimiston South. Progress in Oroya Brownhill is well underway to unlock future production from Golden Pike North.

The open pit fleet replacement program is scheduled over FY22 with the first 793F trucks arriving in the September quarter 2021. This is anticipated to further boost open pit production rates to the targeted total material movements of 70-100Mtpa.

The Mt Charlotte underground fleet replacement is approaching its completion.

Figure 4: KCGM Gold Sales and AISC



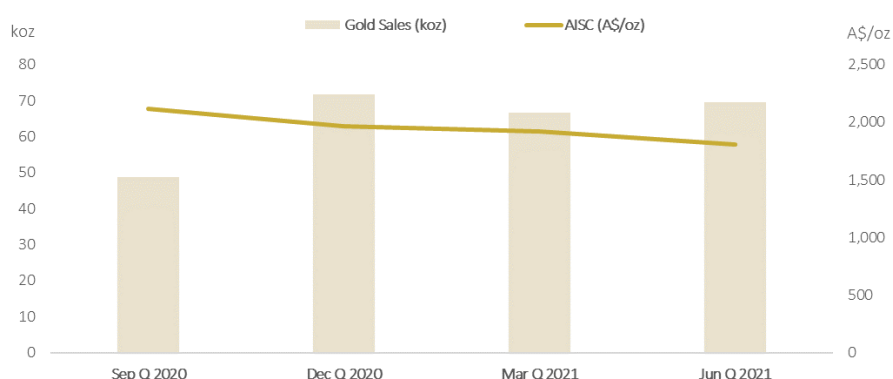
KALGOORLIE - Kalgoorlie Operations

Kalgoorlie Operations sold 69.5koz at an AISC of A\$1,805/oz (March quarter 66.6koz @ A\$1,922/oz). Mine operating cash flow was A\$30M. Net mine cash flow was A\$17M after growth capital of A\$5M.

The focus for the quarter was cost reduction. Reduced development activity was concentrated on accessing higher grade areas, achieving an 10% increase in milled head grade. Compared to the March quarter, total mined ounces increased by ~10koz with higher refractory production from Kanowna Belle increasing the gold concentrate stocks.

District milling optimisation continued, with 28kt of Mt Charlotte ore treated at Kanowna Belle and 82kt of Kundana ore treated at Carosue Dam.

Figure 5: Kalgoorlie Operations Gold Sales and AISC



KALGOORLIE - Carosue Dam Operations

Carosue Dam sold 64.1koz at an AISC of A\$1,380/oz (March quarter 59.8koz @ A\$1,305/oz). Mine operating cash flow was A\$51M. Net mine cash flow was A\$14M after growth capital of A\$36M.

Head grades at the Karari-Dervish and Deep South underground mines returned to the project to date 2.8g/t (as flagged in the March quarter). This coincided with an increase in ore mined and a subsequent 18% increase in mined gold.

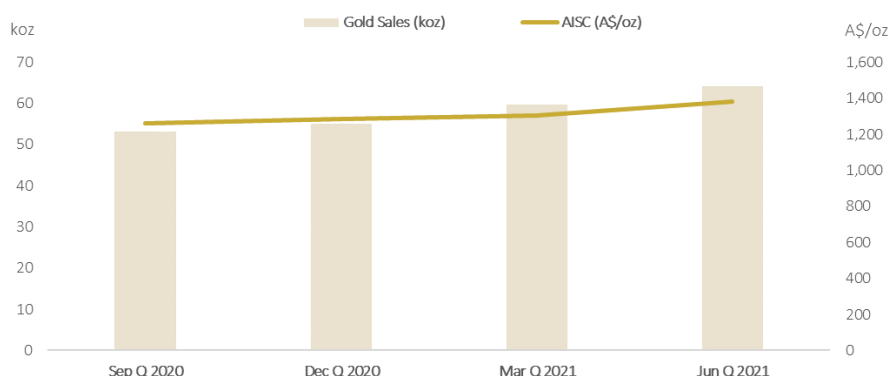
Construction of the Dervish paste fill pumping system is on track to deliver first paste in the September quarter 2021.

Mining commenced at the Maingays open pit in the Porphyry mining district.

Construction of the 5MW solar farm expansion has commenced with commissioning on track for the September quarter 2021.

The mill delivered record quarterly throughput of 956kt (March quarter 887kt). District milling optimisation continued with a further 82kt of Kundana ore successfully treated at Carosue Dam during the quarter (ounces booked to Kalgoorlie Operations).

Figure 6: Carosue Dam Gold Sales and AISC



POGO - Pogo Operations

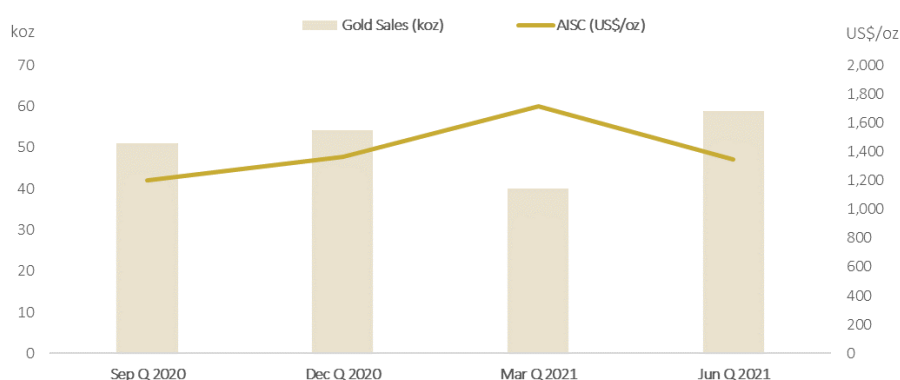
Pogo sold 58.8koz at an AISC of US\$1,347/oz (March quarter 40.0koz @ US\$1,716/oz). Mine operating cash flow was A\$28M. Net mine cash flow was A\$7M after growth capital of A\$16M.

Ore mined during the June quarter was sourced from Liese, South Pogo and Fun Zone. The continued focus on accelerating development continued with a record 4,335m of horizontal advance. Record diamond drill metres were also achieved.

The processing throughput for the quarter was 239kt (March quarter 197kt) with the month of June recording 92kt for a milestone record.

The availability of vaccines and significantly lower COVID rates in Alaska has reduced operational disruptions at Pogo.

Figure 7: Pogo Gold Sales and AISC



Please refer to Appendix 1 for additional information on the individual operations.

FINANCE

Cash and equivalents

At 30 June 2021, cash, bullion and liquid investments totalled A\$826M.

Table 4: Cash, bullion and equity investments

		Sep Q 2020	Dec Q 2020	Mar Q 2021	Jun Q 2021
Cash and cash equivalents ⁽¹⁾	A\$M	\$379	\$317	\$637	\$780
Bullion ⁽²⁾	A\$M	\$66	\$28	\$59	\$23
Equity Investments	A\$M	\$24	\$27	\$16	\$23
Total	A\$M	\$469	\$372	\$712	\$826

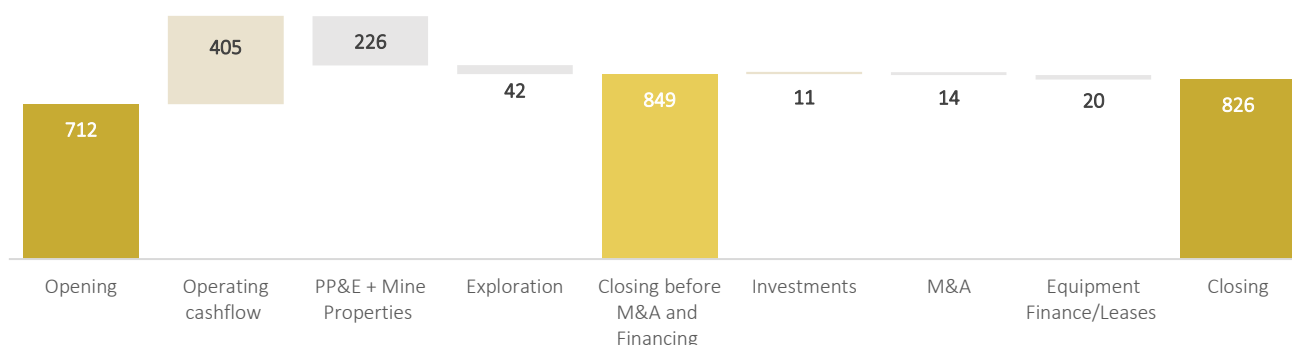
⁽¹⁾ Cash and cash equivalents includes A\$4M of investments sold but cleared in the bank after 30 June 2021

⁽²⁾ Bullion includes dore which has been received by the refiner in the quarter and sold and is awaiting settlement and bullion collected by a third-party transport provider.

⁽³⁾ Sep Q 2020 and Dec Q 2020 exclude Saracen Mineral Holdings cash, bullion and investments.

The waterfall chart below highlights the June 2021 quarter movements in cash, bullion and investments (A\$M):

Figure 8: June quarter 2021 cash movements



Banking Facilities

As noted at the time of the merger, a standstill period was obtained from the financiers of the existing debt facilities of Northern Star and Saracen.

Prior to 30 June, Northern Star consolidated and re-financed its corporate debt package in alignment with the enlarged Company's strategic plans.

The Company made no corporate bank debt repayments during the quarter and has no scheduled repayments in the next 12 months.

At 30 June 2021, Northern Star had drawn corporate bank debt totalling A\$662 million (\$338 million undrawn available facilities).

Hedging

During the quarter, 174,951oz of hedging was added at A\$2,353/oz, 217,690oz of hedging was delivered at A\$2,017/oz. The movements were in-line with Northern Star's Hedging Policy.

Table 5: Hedging commitments at 30 June 2021

Term	Dec H 2021	Jun H 2022	Dec H 2022	Jun H 2023	Total
Ounces (oz)	247,577	254,993	199,000	100,000	801,570
Gold Price (A\$/oz)	2,284	2,296	2,266	2,303	2,286

Dividend Re-investment Plan

On 27 May 2021, Northern Star announced it had established a Dividend Re-investment Plan (DRP).

Under the DRP, eligible shareholders can elect to reinvest either part or all of their dividend payments into additional fully paid Northern Star shares in a simple, cost effective way.

Merger Accounting

The merger between Northern Star and Saracen is deemed a "Business Combination", which means the assets acquired, and liabilities assumed are accounted for at their fair values at the acquisition date of 12 February 2021. In addition, all related transaction costs (including Stamp Duty) are expensed, rather than capitalised.

This treatment will materially impact Northern Star's statutory reporting for the year ended 30 June 2021. Refer Appendix 2 for additional detail in relation to this matter.

DISCOVERY AND GROWTH

A comprehensive exploration and Reserves / Resources update was released - refer to the ASX announcement "Resources, Reserves and Exploration Update" dated 3 May 2021.

On 10 May 2021, Northern Star agreed to increase its stake in the Central Tanami Project by 10% for A\$15M. Northern Star will form a new 50/50 Joint Venture with Tanami Gold NL (ASX: TAM) with the express purpose to commence mining.

On 17 June 2021, Northern Star completed its acquisition of the Kurnalpi Project from KalNorth Gold Mines Limited (ASX: KGM) for A\$18M.

CORPORATE

On 24 May 2021, Northern Star announced it has appointed Michael Chaney AO as Non-Executive Chair, effective July 1, 2021.

Earlier today, Northern Star announced it has appointed Stuart Tonkin as Managing Director, effective immediately. Raleigh Finlayson moves from Managing Director to Executive Director for a transitional period of approximately two months. Mr Finlayson will then retire from the Board, before re-joining the Board as a Non-Executive Director on 4 April 2022.

The issued capital of the Company at the date of this report comprises:

- Ordinary Fully Paid Shares (NST): 1,163,686,519
- Unvested Performance Rights (NSTAA): 2,803,165

This announcement is authorised for release to the ASX by Stuart Tonkin, Managing Director.

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Forward Looking Statements

Northern Star Resources Limited has prepared this announcement based on information available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement. To the maximum extent permitted by law, none of Northern Star Resources Limited, its directors, employees or agents, advisers, nor any other person accepts any liability, including, without limitation, any liability arising from fault or negligence on the part of any of them or any other person, for any loss arising from the use of this announcement or its contents or otherwise arising in connection with it.

This announcement is not an offer, invitation, solicitation or other recommendation with respect to the subscription for, purchase or sale of any security, and neither this announcement nor anything in it shall form the basis of any contract or commitment whatsoever.

This announcement may contain forward looking statements that are subject to risk factors associated with gold exploration, mining and production businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to price fluctuations, actual demand, currency fluctuations, drilling and production results, Resource or Reserve estimations, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory changes, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

ASX Listing Rules Disclosures

The information in this announcement that relates to the Ore Reserves and Mineral Resources, and production targets of Northern Star has been extracted from the ASX release by Northern Star entitled "Resources, Reserves and Exploration Update" dated 3 May 2021 available at www.nsrld.com and www.asx.com (**Northern Star Announcement**).

Northern Star confirms that it is not aware of any new information or data that materially affects the information included in the Northern Star Announcement and, in relation to the estimates of Northern Star's Ore Reserves and Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Northern Star Announcement continue to apply and have not materially changed. Northern Star confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from that announcement.

^Statements in this ASX Announcement comparing Northern Star's 31 March 2021 Ore Reserves and Northern Star's 31 March 2021 Mineral Resources to previously announced Ore Reserves and Mineral Resources, are comparisons to the combined production guidance profile of Northern Star post-merger implementation date of 12 February 2021, as disclosed in the Scheme Booklet issued by Saracen Mineral Holdings Ltd dated 10 December 2020 at sections 7.1 to 7.3.

Currency Conversion Rate

All currency conversions in this announcement have been converted at a currency of A\$/US\$ conversion rate of \$0.77.



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APPENDIX 1 - ADDITIONAL INFORMATION - OPERATIONS

Jundee Operations

Table 6: Summary Details - Jundee Operations

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr	Jun-21 Qtr	FYTD
Ore Mined - Underground	Tonnes	437,382	444,512	491,281	559,240	1,932,415
Mined Grade	gpt Au	3.6	4.3	4.1	4.9	4.3
Ounces Mined - Underground	Oz	50,657	61,877	64,268	88,198	265,000
Ore Mined - Open Pit	Tonnes	478,022	83,169	-	-	561,191
Mined Grade	gpt Au	1.9	1.3	-	-	1.8
Ounces Mined - Open Pit	Oz	29,289	3,519	-	-	32,808
Total Mined Ounces	Oz	79,946	65,396	64,268	88,198	297,808
Milled Tonnes	Tonnes	708,016	663,981	655,143	688,801	2,715,941
Head Grade	gpt Au	3.3	3.7	3.3	4.2	3.6
Recovery	%	90	90	91	91	90
Gold Recovered	Oz	67,896	70,802	63,648	83,562	285,908
Gold Sold	Oz	73,743	68,405	63,988	80,540	286,676
Cost per Ounce						
Underground Mining	A\$/oz	474	553	650	590	565
Open Pit Mining	A\$/oz	58	21	20	53	39
Processing	A\$/oz	202	204	227	195	206
Site Services	A\$/oz	43	51	62	53	52
Ore Stock & GIC Movements	A\$/oz	69	(4)	32	7	26
Royalties	A\$/oz	67	62	60	59	62
By Product Credits	A\$/oz	(5)	(4)	(4)	(4)	(4)
Cash Operating Costs	A\$/oz	908	883	1,047	953	946
Rehabilitation - Accretion & Amortisation	A\$/oz	4	5	5	4	5
Corporate Overheads	A\$/oz	64	63	75	70	68
Mine Development / Sustaining CAPEX	A\$/oz	213	224	251	243	232
Jundee Mine Exploration	A\$/oz	20	28	31	29	27
All-in Sustaining Costs	A\$/oz	1,209	1,203	1,409	1,299	1,278
Exploration	A\$/oz	95	62	94	49	74
Net Growth Capital	A\$/oz	82	142	86	150	117
All-in Costs	A\$/oz	1,386	1,407	1,589	1,498	1,469
Depreciation & Amortisation	A\$/oz	262	298	337	388	321
Non-Cash Ore Stock & GIC Movements	A\$/oz	70	21	18	(19)	17

Thunderbox Operations

Table 7: Summary Details - Thunderbox from 1 July 2020

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr ⁽¹⁾	Jun-21 Qtr	FYTD
Ore Mined - Underground	Tonnes	106,000	183,000	268,961	305,236	863,197
Mined Grade	gpt Au	1.7	1.8	1.7	1.9	1.8
Ounces Mined - Underground	Oz	5,883	10,725	15,032	18,799	50,439
Ore Mined - Open Pit	Tonnes	247,000	131,000	68,280	194,107	640,387
Mined Grade	gpt Au	1.8	0.8	1.2	1.1	1.3
Ounces Mined - Open Pit	Oz	14,255	3,393	2,685	6,824	27,157
Milled Tonnes	Tonnes	758,000	757,000	678,668	734,741	2,928,409
Head Grade	gpt Au	1.9	1.6	1.5	1.3	1.6
Recovery	%	94	94	94	93	94
Gold Recovered	Oz	44,211	37,338	29,792	28,965	140,306
Gold Sold - Pre-Production	Oz	6,898	12,265	16,943	19,673	55,779
Gold Sold - Production ⁽¹⁾	Oz	38,634	24,304	13,185	12,088	88,211
Gold Sold - Total	Oz	45,532	36,569	30,128	31,761	143,990
Cost per Ounce						
Underground Mining	A\$/oz	-	-	-	-	-
Open Pit Mining	A\$/oz	92	64	148	8	81
Processing	A\$/oz	316	356	470	603	390
Site Services	A\$/oz	48	61	86	95	64
Ore Stock & GIC Movements	A\$/oz	216	226	196	500	255
Royalties	A\$/oz	70	81	65	54	70
By Product Credits	A\$/oz	(12)	(13)	(19)	(20)	(14)
Cash Operating Cost	A\$/oz	730	775	946	1,240	846
Rehabilitation-Accretion & Amort'n	A\$/oz	9	10	11	10	10
Corporate Overheads	A\$/oz	39	49	60	62	48
Mine Development / Sustaining CAPEX	A\$/oz	12	36	44	(15)	20
All-in Sustaining Costs	A\$/oz	790	870	1,061	1,297	924
Exploration	A\$/oz	95	158	433	305	192
Net Growth Capital	A\$/oz	591	936	1,573	2,703*	1,082
All-in Costs	A\$/oz	1,476	1,964	3,067	4,305*	2,198
Depreciation & Amortisation ⁽²⁾	A\$/oz	392	449	657	390	444
Non-Cash Ore Stock & GIC Movements ⁽²⁾	A\$/oz	44	116	137	1922	335

(1) The March quarter includes pre-merger gold sold - production 6koz. September and December 2020 quarters were prior to the merger.

(2) Jun Q 2020 to Mar Q 2021 exclude the impact of the fair value uplift to stockpiles, plant and equipment and mine properties and any other assets identified as a result of the acquisition accounting required in relation to the merger with Saracen. The Jun-21 quarter includes an adjustment for the Mar-21 quarter.

*Thunderbox growth capital includes A\$15M for long-lead items relating to the Thunderbox mill expansion to 6.0Mtpa

KCGM Operations

Table 8: Summary Details - KCGM Operations

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr	Jun-21 Qtr	FYTD
Ore Mined - Underground	Tonnes	456,872	406,348	337,222	357,482	1,557,922
Mined Grade	gpt Au	1.7	1.5	1.7	1.8	1.7
Ounces Mined - Underground	Oz	25,434	19,098	18,930	20,746	84,208
Ore Mined - Open Pit	Tonnes	1,465,096	1,536,742	1,461,396	2,169,666	6,632,900
Mined Grade	gpt Au	1.4	1.6	1.7	1.5	1.5
Ounces Mined - Open Pit	Oz	66,602	77,822	78,042	107,512	329,978
Total Mined Ounces	Oz	92,038	96,920	96,972	128,258	414,188
Milled Tonnes	Tonnes	3,264,590	3,289,642	2,848,458	3,568,932	12,971,624
Head Grade	gpt Au	1.3	1.4	1.4	1.4	1.4
Recovery	%	84	82	86	84	83
Gold Recovered	Oz	110,380	118,892	111,278	137,890	478,438
Gold Sold - Pre-Production	Oz	29,594	2,884	15	-	32,493
Gold Sold - Production ⁽¹⁾	Oz	78,324	114,246	107,762	139,264	439,596
Gold Sold - Total	Oz	107,918	117,130	107,762	139,264	472,089
Cost per Ounce						
Underground Mining	A\$/oz	210	131	151	118	146
Open Pit Mining	A\$/oz	166	300	316	263	269
Processing	A\$/oz	767	557	652	535	611
Site Services	A\$/oz	98	88	96	72	86
Ore Stock & GIC Movements	A\$/oz	(52)	33	(74)	54	(2)
Royalties	A\$/oz	62	71	58	59	62
By Product Credits	A\$/oz	(13)	(5)	(10)	(17)	(11)
Cash Operating Costs	A\$/oz	1,238	1,175	1,189	1,084	1,161
Rehabilitation - Accretion & Amortisation	A\$/oz	13	9	10	7	9
Corporate Overheads	A\$/oz	57	47	51	48	50
Mine Development / Sustaining CAPEX	A\$/oz	144	113	246	157	165
All-in Sustaining Costs	A\$/oz	1,452	1,344	1,496	1,296	1,385
Exploration	A\$/oz	39	41	59	53	49
Net Growth Capital	A\$/oz	(27)	162	256	237	175
All-in Costs	A\$/oz	1,464	1,547	1,811	1,586	1,609
Depreciation & Amortisation ⁽²⁾	A\$/oz	369	387	433	810	394
Non-Cash Ore Stock & GIC Movements ⁽²⁾	A\$/oz	373	297	193	313	205

(1) The March quarter includes pre-merger gold sold - production 22koz. September and December 2020 quarters were prior to the merger and 50% of the gold sold figures are pre-merger.

(2) Mar-21 quarter excludes the impact of the fair value uplift to stockpiles, plant and equipment and mine properties and any other assets identified as a result of the acquisition accounting required in relation to the merger with Saracen. The Jun-21 quarter includes an adjustment for the Mar-21 quarter.

Note: Table above incorporates 100% KCGM effective from 1 July 2020.

Kalgoorlie Operations

Table 9: Summary Details - Kalgoorlie Operations

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr	Jun-21 Qtr	FYTD
Ore Mined	Tonnes	697,921	736,276	762,347	726,079	2,922,623
Mined Grade	gpt Au	2.9	3.0	3.0	3.5	3.1
Ounces Mined	Oz	64,064	71,709	72,742	82,363	290,878
Milled Tonnes	Tonnes	680,205	715,588	692,269	785,289	2,873,351
Head Grade	gpt Au	2.7	3.0	3.1	3.4	3.1
Recovery	%	91	91	90	90	90
Gold Recovered	Oz	54,699	63,938	62,158	76,175	256,970
Gold Sold	Oz	48,824	71,731	66,594	69,508	256,657
Cost per Ounce						
Mining	A\$/oz	1,168	828	850	894	916
Processing	A\$/oz	561	313	326	315	364
Site Services	A\$/oz	100	72	69	64	75
Ore Stock & GIC Movements	A\$/oz	(439)	188	56	(32)	(25)
Royalties	A\$/oz	61	55	51	56	55
By Product Credits	A\$/oz	(7)	(4)	(7)	(7)	(6)
Cash Operating Costs	A\$/oz	1,444	1,452	1,345	1,290	1,379
Rehabilitation - Accretion & Amortisation	A\$/oz	15	10	11	11	12
Corporate Overheads	A\$/oz	66	63	75	70	69
Mine Development / Sustaining CAPEX	A\$/oz	532	377	436	379	423
Kalgoorlie Operations Mine Exploration	A\$/oz	59	66	55	55	59
All-in Sustaining Costs	A\$/oz	2,116	1,968	1,922	1,805	1,942
Exploration	A\$/oz	192	125	173	109	146
Net Growth Capital	A\$/oz	39	39	49	72	50
All-in Costs	A\$/oz	2,347	2,132	2,144	1,986	2,138
Depreciation & Amortisation	A\$/oz	567	419	453	562	495
Non-Cash Ore Stock & GIC Movements	A\$/oz	(96)	30	11	(56)	(22)

Carouse Dam Operations

Table 10: Summary Details - Carouse Dam from 1 July 2020

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr ⁽¹⁾	Jun-21 Qtr	FYTD
Ore Mined - Underground	Tonnes	580,000	655,000	638,892	657,440	2,531,332
Mined Grade	gpt Au	3.1	2.7	2.5	2.8	2.8
Ounces Mined - Underground	Oz	58,347	56,527	50,459	59,364	224,697
Ore Mined - Open Pit	Tonnes	85,000	217,000	338,958	438,964	1,079,922
Mined Grade	gpt Au	0.8	0.9	1.0	1.0	1.0
Ounces Mined - Open Pit	Oz	2,304	6,500	10,712	14,420	33,936
Milled Tonnes	Tonnes	636,000	785,000	858,175	873,130	3,152,305
Head Grade	gpt Au	2.9	2.5	2.2	2.4	2.5
Recovery	%	93	94	94	93	93
Gold Recovered	Oz	54,987	58,338	57,630	63,181	234,136
Gold Sold - Pre-Production	Oz	3,170	9,175	3,863	4,806	21,014
Gold Sold - Production ⁽¹⁾	Oz	50,050	45,978	55,930	59,304	211,262
Gold Sold - Total	Oz	53,220	55,153	59,793	64,110	232,276
Cost per Ounce						
Underground Mining	A\$/oz	632	681	704	668	673
Open Pit Mining	A\$/oz	-	-	-	-	-
Processing	A\$/oz	239	293	258	239	255
Site Services	A\$/oz	71	67	58	66	65
Ore Stock & GIC Movements	A\$/oz	57	(139)	(6)	94	8
Royalties	A\$/oz	139	145	113	108	124
By Product Credits	A\$/oz	(3)	(4)	(4)	(4)	(4)
Cash Operating Costs	A\$/oz	1,135	1,043	1,123	1,171	1,121
Rehabilitation - Accretion & Amortisation	A\$/oz	6	7	5	12	8
Corporate Overheads	A\$/oz	37	40	29	31	34
Mine Development / Sustaining CAPEX	A\$/oz	84	195	148	166	148
All-in Sustaining Costs	A\$/oz	1,262	1,285	1,305	1,380	1,311
Exploration	A\$/oz	134	128	94	183	136
Net Growth Capital	A\$/oz	533	407	321	440	417
All-in Costs	A\$/oz	1,929	1,820	1,720	2,003	1,864
Depreciation & Amortisation ⁽²⁾	A\$/oz	273	348	386	1,533	673
Non-Cash Ore Stock & GIC Movements ⁽²⁾	A\$/oz	(28)	50	19	(25)	2

(1) The March quarter includes pre-merger gold sold - production 21koz. September and December 2020 quarters were prior to the merger.

(2) June-20 to Mar-21 quarters exclude the impact of the fair value uplift to stockpiles, plant and equipment and mine properties and any other assets identified as a result of the acquisition accounting required in relation to the merger with Saracen. The Jun-21 quarter includes an adjustment for the Mar-21 quarter.

Pogo Operations

Table 11: Summary Details - Pogo Operations (US\$)

Production Summary		Sep-20 Qtr	Dec-20 Qtr	Mar-21 Qtr	Jun-21 Qtr	FYTD
Ore Mined	Tonnes	210,491	202,699	197,776	238,926	849,892
Mined Grade	gpt Au	8.9	9.0	7.3	9.2	8.6
Ounces Mined	Oz	59,988	58,744	46,527	70,325	235,584
Milled Tonnes	Tonnes	208,916	203,042	197,350	238,897	848,205
Head Grade	gpt Au	8.9	9.0	7.3	9.1	8.6
Recovery	%	90	91	90	87	89
Gold Recovered	Oz	53,810	53,375	41,494	60,968	209,647
Gold Sold	Oz	51,006	54,198	40,008	58,829	204,041
Cost per Ounce						
Mining	US\$/oz	490	460	699	554	541
Processing	US\$/oz	381	365	468	346	384
Site Services	US\$/oz	134	129	158	112	131
Ore Stock & GIC Movements	US\$/oz	(57)	1	(97)	17	(28)
By Product Credits	US\$/oz	(2)	(1)	-	(5)	(2)
Cash Operating Costs	US\$/oz	946	954	1,228	1,024	1,026
Rehabilitation - Accretion & Amortisation	US\$/oz	7	6	9	6	7
Corporate Overheads	US\$/oz	27	31	49	46	38
Mine Development / Sustaining CAPEX	US\$/oz	218	357	403	250	300
Pogo Mine Exploration	US\$/oz	1	17	27	21	16
All-in Sustaining Costs	US\$/oz	1,199	1,365	1,716	1,347	1,387
Exploration	US\$/oz	36	53	100	70	63
Net Growth Capital	US\$/oz	145	211	152	213	184
All-in Costs	US\$/oz	1,380	1,629	1,968	1,630	1,634
Depreciation & Amortisation	US\$/oz	299	281	326	457	345
Non-Cash Ore Stock & GIC Movements	US\$/oz	(19)	3	(17)	(36)	(17)

APPENDIX 2 - MERGER ACCOUNTING

On 12 February 2021 (Implementation Date) shares in Saracen Mineral Holdings Limited (Saracen) were converted to Northern Star shares at a fixed ratio of 0.3763 new Northern Star Shares for every 1 Saracen share held on the record date. Consequently, 422,480,346 Northern Star shares were issued on that date.

The deemed consideration for the transaction of ~A\$5.1 billion was determined with reference to the 1-day volume weighted average share price on Implementation Date. For reference, this value is ~A\$3.4 billion higher than Saracen's net assets of A\$1.7 billion at 31 December 2020 and results in additional future depreciation, amortisation and non-cash inventory charges in the income statement of the merged Group, compared to the earnings of the two standalone businesses prior to the merger.

It should be noted that the earnings of Saracen prior to Implementation date will not be included in the results of Northern Star for the year ending 30 June 2021. Provisional purchase price accounting values will be incorporated into Northern Star's 30 June 2021 financial statements.

In addition to recognising the effects of acquiring Saracen's assets and liabilities, the transaction also results in Northern Star obtaining control over Kalgoorlie Consolidated Gold Mines Pty Ltd (KCGM). This is compared to the previously held 50 percent joint operating interest. Accounting Standards require Northern Star's existing 50 percent interest in KCGM to be remeasured to fair value with any gain or loss recognised in profit or loss. An unaudited non-cash pre-tax gain of ~A\$1.9 billion will be included in the group's FY21 Income Statement.

The accounting for the merger requires transaction costs to be expensed in Northern Star's income statement for the six months ending 30 June 2021. On implementation of the Scheme, Northern Star incurred a liability for stamp duty. The General Rate of stamp duty in Western Australia is 5.15% on dutiable assets and not all assets assumed as part of the merger are dutiable. The identification and valuation of dutiable assets for stamp duty purposes for transactions of this nature is complex and time consuming, including necessary top-down assessments of any goodwill and/or synergies for duty purposes (being determined on a different basis accounting or income tax requirements). An estimate of this liability will be booked as an expense, along with other transaction costs, in Profit or Loss for year ended 30 June 2021. Any changes in the initial provision will be trued up with a corresponding charge/(credit) in subsequent accounting periods.

While the provisional effects of the business combination have not been disclosed, the requirement to allocate the deemed consideration, outlined above, and remeasure Northern Star's existing interest in KCGM to fair value, will result in a significant increase in net assets of the Group, and changes to subsequent profit or loss and future cash flows. Accordingly, any financial ratios and metrics prepared using Northern Star's financial statements will materially change as a result of the merger.

Further details will be provided with the release of the Company's FY21 statutory accounts in August 2021.