

HIGHLIGHTS

PRODUCTION

- Payable metal production of **2,873 ounces of gold, 170,092 ounces of silver and 272 tonnes of copper** for the December 2022 quarter. Significant change in metal distribution from previous quarter (higher proportions of silver and copper produced, relative to gold) due to processing predominantly V2 Stage 6 ore. **AISC of A\$2,222/ounce** sold during the quarter.

PROJECTS AND EXPLORATION

- Investment continued in exploration and resource definition drilling at Mt Carlton, with **approximately 6,300 metres of drilling completed in the quarter** to grow mineral inventory, extend mine life and improve confidence in existing mineral resources.
- Strong drilling results** continued to expand the potential of Mt Carlton's satellite mineral deposits. Highlight intercepts included:
 - 25m at 6.3 g/t gold, 28.8 g/t silver & 0.1% copper from 3m (MCU – MC22RC325), including:
 - 5m at 17.1 g/t gold, 614 g/t silver & 0.1% copper from 14m
 - 12m at 8.1 g/t gold & 41.0 g/t silver from 1m (MCU – MC22RC346), including
 - 1m at 77.4 g/t gold & 204.0 g/t silver from 1m
 - 15m at 11.4 g/t gold & 7.7 g/t silver from 77m (BV7 – B722DD027)
 - 4m at 9.8 g/t gold & 3.1 g/t silver from 77m (BV7-B722DD010)

CORPORATE

- Navarre executed new offtake contract and US\$7M finance facility with Glencore International AG.
- Navarre secured an extension to an agreement with Evolution Mining on the provision of an environmental bond facility for Mt Carlton until June 2025.

OUTLOOK

- Guidance for FY23 production is updated to ~20koz of gold (~35koz in gold equivalent terms) due to lower H1 performance and the likely deferral of Telstra Hill into FY24. This results in a higher proportion of revenue from silver and copper than previously projected with production sourced from MCU and V2 for the remainder of FY23.

CONTACT

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MT CARLTON OPERATION

Mt Carlton is an established operation with a long track record and a proven history of strong cash generation. Located approximately 150km south of Townsville, Queensland, Mt Carlton has been operating continuously since being commissioned in 2013 and has produced approximately 1.0Moz of gold together with copper and silver by-products sourced mainly from the V2 open pit mine (Figures 2 & 3).

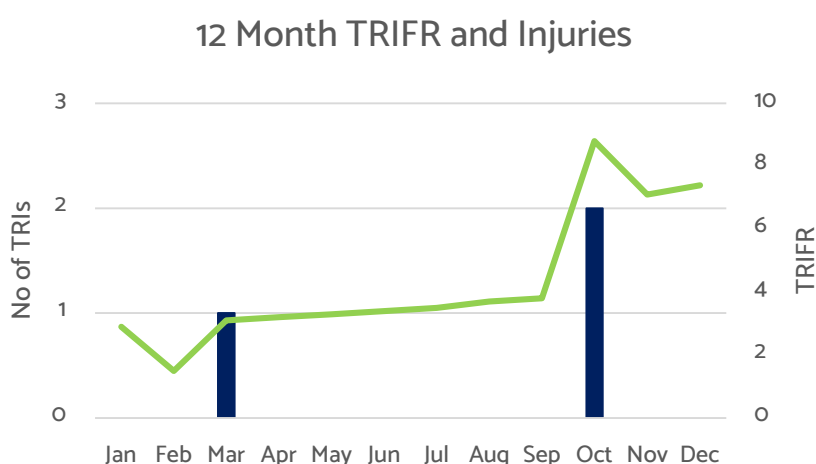
The operation currently includes two open pit operations (V2 and MCU open pits), four potential satellite gold deposits and a 960ktpa processing plant producing both polymetallic concentrate (gold, copper, silver) and gold doré, situated within a broader tenement package of approximately 815 sq km (Figure 3).

Future mining operations at Mt Carlton have potential to be supplemented by additional satellite ore sources located nearby on the mining lease at Telstra Hill, and from three Crush Creek deposits, located approximately 32km to the south. In FY22, Mt Carlton produced 45,768 oz of gold, 317,198 ounces of silver and 1,838 tonnes of copper.

SAFETY

There were two recordable injuries experienced at Mt Carlton during the quarter. The Total Recordable Injury Frequency Rate (TRIFR) was at 7.4 per million hours worked at the end of December 2022 reported on a rolling 12-month basis (Figure 1).

FIGURE 1: MT CARLTON SAFETY PERFORMANCE



COVID-19 continues to be pro-actively managed with minimal impact to the operation to date.

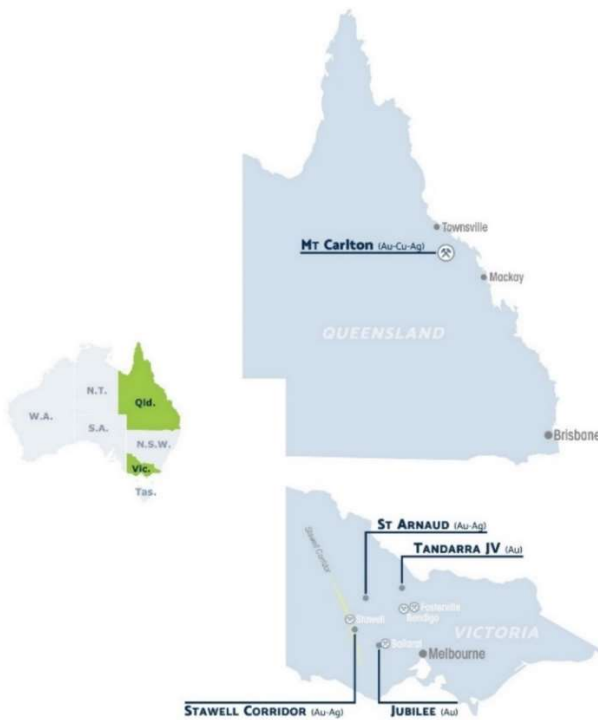


Figure 2: Location of Navarre's mineral properties

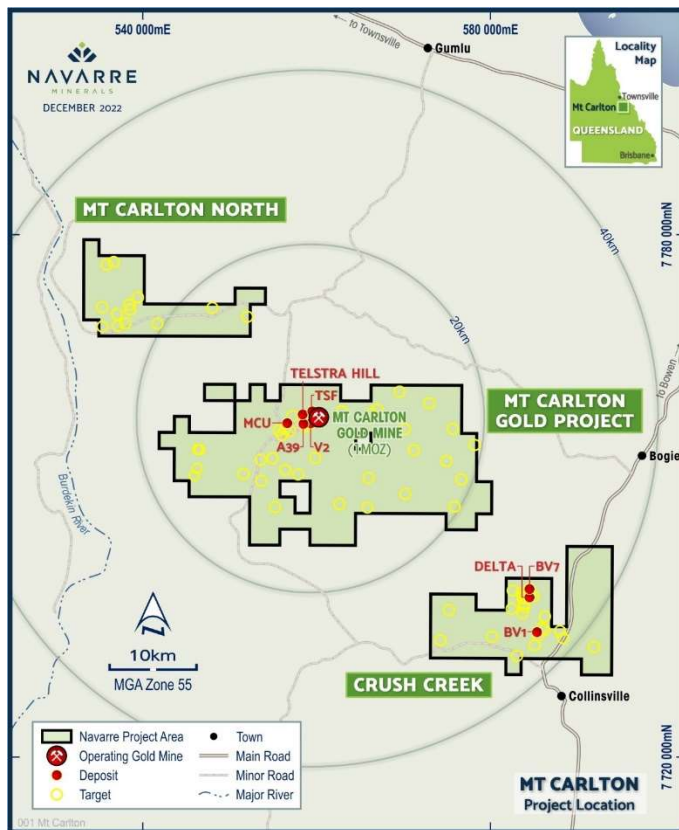


Figure 3: Mt Carlton Project

OPERATIONS

During the quarter, mining production at Mt Carlton was sourced mainly from the V2 open pit and, late in December, first contribution from the recently approved, higher grade, satellite MCU pit. Open pit production for the December quarter was in-line with plan and consisted of 882kt of total material movement, including ore mined of 425kt at 0.74 g/t gold, 71.8 g/t silver and 0.35% copper.

A total of 169kt of ore was processed during the quarter at an average grade of 0.92 g/t gold. Mill throughput was significantly lower than the previous quarter impacted by several contributing factors including an extended power outage due to maintenance by the network manager and issues with high recirculating loads in the SAG mill when treating softer V2 Stage 6 ore, particularly later in the quarter. Subsequent to quarter end, mill throughput rates have improved markedly following a scheduled mill re-line combined with several adjustments to operating practices. Gold recovery for the quarter was 66.7%. Payable metal production for the quarter was 2,873 ounces of gold, 170,092 ounces of silver and 272 tonnes of copper. The quarter saw a significant change in metal distribution from the previous quarter with higher proportions of silver and copper produced, relative to gold, due to processing of V2 Stage 6 ore. Metal sold for the quarter was 2,437 ounces of gold, 211,596 ounces of silver and 315 tonnes of copper.

The operation had an AISC of A\$2,222/oz gold sold for the quarter, a significant improvement from the previous quarter. This result was influenced by credits for by-product sales (silver and copper) and credits for the increase in the ore stockpile (increased by ~256kt) and increase in finished goods (concentrate) during the quarter. The Company maintained its investment in drilling during the quarter with resource definition expenditure of \$336/oz and exploration expenditure of \$175/oz gold sold.

Detailed physical and financial results from the operation during the quarter are outlined in Table 1.

OUTLOOK COMMENTARY

The forecast production profile is for a stronger second half to FY23 as the operation accesses higher grade open pit ore from MCU. The Company had included a contribution from Telstra Hill in H2 FY23 in budget planning and previous guidance for FY23 production. Although the permitting process is in progress for Telstra Hill, it is now considered that first production from this deposit is likely to be deferred into FY24. This ore source will be replaced in FY23 by production from MCU and V2 and the stockpile of V2 ore that was generated in H1 FY23. This ore blend combination has a lower overall gold grade but higher silver and copper grades. As a result of this change and the lower mill throughput in the Dec FY23 quarter, the Company now has an updated projection of ~20koz of gold production for FY23. Incorporating the significant silver and copper contribution, this results in a projection of ~35koz of gold equivalent production for the full year.

PRODUCTION AND COST SUMMARY
TABLE 1: DECEMBER 2022 QUARTER PRODUCTION AND COST SUMMARY

		SEP QTR 22	DEC QTR 22
OP capital waste	kt	-	-
OP operating waste	kt	788.0	456.7
OP ore mined	kt	240.1	424.9
OP grade mined	g/t	0.81	0.74
Total ore mined	kt	240	425
Total tonnes processed	kt	234	169
Grade processed	g/t	1.15	0.92
Process recovery	%	72.5%	66.7%
Payable gold produced ¹	oz	5,113	2,873
Payable gold sold ¹	oz	5,592	2,437
Realised gold price	A\$/oz	2,458	2,662
Payable silver produced	oz	73,126	170,092
Payable silver sold	oz	41,713	211,596
Realised silver price	A\$/oz	27.5	34.9
Payable copper produced	t	214	272
Payable copper sold	t	177	315
Realised copper price	A\$/t	10,265	12,662
Cost summary			
Mining	A\$/prod oz	1,388	2,626
Processing	A\$/prod oz	1,474	2,164
G&A	A\$/prod oz	1,182	2,377
Stockpile adjustments	A\$/prod oz	171	(1,643)
By-product credits	A\$/prod oz	(579)	(3,956)
C1 Cash Cost	A\$/prod oz	3,636	1,568
C1 Cash cost	A\$/sold oz	3,324	1,849
Royalties	A\$/sold oz	218	459
Gold in Circuit/Other adjustments	A\$/sold oz	(131)	(422)
Sustaining capital	A\$/sold oz	-	1
Near mine expl./Res. Def. drilling	A\$/sold oz	128	336
Reclamation	A\$/sold oz	-	-
All-in Sustaining Cost	A\$/sold oz	3,539	2,222
Major projects	A\$/sold oz	3	164
Exploration	A\$/sold oz	354	175
All-in Cost	A\$/sold oz	3,896	2,561

Notes

1. All reference to production and sales volume is payable

ADDITIONAL OPERATING COMMENTARY:

- Mining remained focussed on the delivery of open pit ore from the V2 orebody. First ore was mined at MCU late in the quarter. Contribution from MCU will become more significant as production ramps up during H2 FY23.
- Significant increase in ore stockpile with mining exceeding processing by 256kt of ore.
- Production of concentrate also exceeded sales as concentrate stockpiles increased at the mine site and the Port of Townsville.

PROJECTS AND EXPLORATION

Evaluation and exploration activities continued to advance across a range of projects at Mt Carlton during the quarter. These activities are summarised below.

QUEENSLAND PROJECTS

V2

The V2 gold-silver-copper deposit has been the main source of production for the Mt Carlton Operation since mining commenced in 2013. During this time, the mine has produced approximately 1.0Moz of gold together with copper and silver by-product credits (Figure 3).

During the quarter, the Company completed an infill drilling program into a sparsely drilled area located between the V2 and A39 orebodies as follow-up to anomalous gold, silver and copper results recorded in several historical drill holes.

MOUNT CARLTON UNITED

The Mount Carlton United (MCU) satellite deposit is located on the Mt Carlton mine lease, approximately 4km from the process plant (Figure 3). Final regulatory approval for commencement of mining was received in the quarter with first ore delivered to the mill in December 2022 (refer to ASX announcement dated 27 October 2022, *Approvals received for mining MCU gold-silver-copper deposit*).

Drilling programs continued at MCU throughout the quarter with over 3,000 metres of drilling completed. Highlight drill intercepts included:

- 25 metres at 6.3 g/t gold, 28.8 g/t silver & 0.1% copper from 3m (MC22RC325), including:
 - 4 metres at 9.4 g/t gold, 35.6 g/t silver & 0.1% copper from 3m; and
 - 5 metres at 17.1 g/t gold, 61.4 g/t silver & 0.1% copper from 14m
- 12 metres at 8.1 g/t gold & 41.0 g/t silver from 1 metre (MC22RC346), including:
 - 1 metre at 77.4 g/t gold & 204.0 g/t silver from 1m
- 13 metres at 4.1 g/t gold & 63.4 g/t silver from 7m (MC22RC345), including:
 - 3 metres at 14.3 g/t gold & 184.4 g/t silver from 8m
- 12 metres at 3.3 g/t gold & 242.0 g/t silver from 2m (MC22RC340), including:
 - 6 metres at 5.1 g/t gold & 399.7 g/t silver from 5m
- 13 metres at 2.3% copper, 0.5 g/t gold & 109.1 g/t silver from 3m (MC22RC341)

For full details of the results from this program, refer to ASX release dated 4 November 2022, *Continued High-Grade Results From Mt Carlton's Satellite Gold-Silver-Copper Deposits*.

TELSTRA HILL

The Telstra Hill project is another potential satellite mineral deposit located on the mine lease within one kilometre of the Mt Carlton process plant (Figure 3).

During the quarter Navarre lodged an application with the Queensland Government to commence the regulatory approval process for an open pit mining operation at Telstra Hill.

The Company also completed planning for additional drilling to test for a potential northern extension to the Telstra Hill mineralisation where surface rock chip sampling and mapping has returned strong gold anomalism.

CRUSH CREEK

The Crush Creek project is located approximately 32 kilometres southeast of the Mt Carlton mill and represents an exciting growth opportunity for the Company given the high-grade, relatively shallow nature of the mineralisation (Figure 3).

Although no drilling was completed on the project area during the quarter, the remaining outstanding assays from a drilling program completed in the previous quarter were received and reported. Highlight results from the BV7 deposit included:

- **15 metres at 11.4 g/t gold & 7.7 g/t silver** from 77m (B722DD027), including:
 - **8.6 metres at 19.4 g/t gold & 12.6 g/t silver** from 80.4m
- **4 metres at 9.8 g/t gold, & 3.1 g/t silver** from 77m (B722DD010)
- **7 metres at 6.5 g/t gold & 5.0 g/t silver** from 107m (BV7G005)

For full results, refer to ASX release dated 4 November 2022, *Continued High-Grade Results From Mt Carlton's Satellite Gold-Silver-Copper Deposits*.

ACTIVITY SUMMARY

Table 2 summarises Navarre's exploration activities at Mt Carlton during the quarter (excluding grade control drilling).

TABLE 2: EXPLORATION ACTIVITY IN QUEENSLAND FOR THE DECEMBER QUARTER

	RC Drilling (m)		Diamond Drilling (m)		Total Drilling (m)
	Exploration	Res Def	Exploration	Res Def	
V2		2,407			2,407
A39		240			240
Mount Carlton United	1,378	1,624			3,002
Telstra Hill					0
Crush Creek					0
Regional	650				650
Total	2,028	4,271	0	0	6,299

VICTORIAN PROJECTS

During the quarter, field activities remained scaled back due to land access constraints associated with heavy Spring rains and local flooding. There was no drilling undertaken in Victoria during the period.

ST ARNAUD - ELS 6556, 6819, 7431, 7436 7496 & 7567 (NML 100%)

The St Arnaud Gold Project comprises 1,459km² of granted tenements, including the historical 0.4Moz St Arnaud Goldfield, where high-grade gold was mined from quartz lodes in a structural setting consistent with most gold deposits in central Victoria, including Bendigo and Fosterville. During the quarter, Navarre continued a regional soils program over several prospective target areas identified from geophysics.

CORPORATE

As announced on 28 December 2022, the Company entered into a new offtake contract and associated finance facility with Glencore International AG. The offtake contract with Glencore will see all of Navarre's gold-silver-copper concentrate production sold to Glencore for the remainder of FY23. While the agreement remains commercial in confidence, the terms are highly competitive and provide Navarre

with additional product specification flexibility to facilitate maximum value capture from the product stream.

The associated \$US7M finance facility has been established to provide additional working capital to support the development of ore sources for the mine plan and to ensure the exceptional exploration opportunities proximal to the operation can be fully tested.

Also announced on 28 December 2022, Evolution Mining agreed to a revision of the existing environmental bonding facility provided by Evolution Mining regarding the operations at Mt Carlton. The amortisation schedule has been extended to June 2025, at which time the bonding for the operation will be fully cash backed by contributions from Navarre.

TABLE 3: CASH, BULLION AND LISTED INVESTMENTS AS OF 31 DECEMBER 2022

		DEC QTR 2022
Cash	A\$m	0.1
Bullion	A\$m	-
Sub-total	A\$m	0.1
Listed investments	A\$m	0.6
Total	A\$m	0.8

The Company drew down \$US5M from the Glencore finance facility in early January 2023.

The listed investments included in Table 3 consist of 7.6 million shares in Resource Base Limited (ASX: RBX) acquired through the divestment of the non-core Black Range Project. These shares are subject to escrow until July 2023. For further details see ASX release dated 12 July 2021, *Navarre welcomes Resource Base IPO*.

PAYMENTS TO RELATED PARTIES AND THEIR ASSOCIATES

In the December 2022 Appendix 5B, the figure of \$180k as disclosed in section 6.1 and 6.2 relates to salaries and fees (including superannuation) paid to directors during the quarter.

MINERAL TENEMENT PORTFOLIO

The mineral tenement holding of the Navarre Minerals Limited Group as of 31 December 2022 was:

Name	Tenement	Tenure Type	Status	NML Group Interest
MT CARLTON, QUEENSLAND				
Mt Carlton	EPM 10164	Exploration Licence	Granted	100%
Mt Carlton	EPM 14783	Exploration Licence	Granted	100%
Mt Carlton	EPM 18568	Exploration Licence	Granted	100%
Mt Carlton	EPM 25136	Exploration Licence	Granted	100%
Mt Carlton	EPM 25137	Exploration Licence	Granted	100%
Mt Carlton	EPM 27063	Exploration Licence	Granted	100%
Mt Carlton	EPM 27145	Exploration Licence	Granted	100%
Mt Carlton	EPM 27453	Exploration Licence	Granted	100%
Mt Carlton	EPM 27510	Exploration Licence	Granted	100%
Mt Carlton	ML 10343	Mining Lease	Granted	100%
Mt Carlton	ML 10375	Mining Lease	Granted	100%
Mt Carlton	ML 100002	Mining Lease	Granted	100%
Crush Creek	EPM 27521	Exploration Licence	Granted	100%
Crush Creek	EPM 27509	Exploration Licence	Granted	100%
Crush Creek	MDL 2010	Mineral Dev. Licence	Granted	100%
STAWELL CORRIDOR GOLD PROJECT (south of Stawell, Victoria)				
Ararat	EL 5476	Exploration Licence	Granted	100%
Tatyoan	EL 5480	Exploration Licence	Granted	100%
Glenlyle	EL 5497	Exploration Licence	Granted	100%
Long Gully	EL 6525	Exploration Licence	Granted	100%
Westgate	EL 6526	Exploration Licence	Granted	100%
Petticoat Gully	EL 6527	Exploration Licence	Granted	100%
Dutton	EL 6528	Exploration Licence	Granted	100%
<i>Eastern Maar</i>	<i>ELA 6530</i>	<i>Exploration Licence</i>	<i>Application</i>	<i>0%</i>
Langi Logan	EL 6702	Exploration Licence	Granted	100%
Langi Logan West	EL 6745	Exploration Licence	Granted	100%
<i>Margaret Gully</i>	<i>ELA 6843</i>	<i>Exploration Licence</i>	<i>Application</i>	<i>0%</i>
Mininera	EL 7125	Exploration Licence	Granted	100%
Tatyoan North	EL 7743	Exploration Licence	Granted	100%
TANDARRA GOLD PROJECT (north of Bendigo, Victoria)				
Tandarra	RL 6660	Retention Licence	Granted	49%

ST ARNAUD GOLD PROJECT (north of Stawell, Victoria)				
St Arnaud	EL 6556	Exploration Licence	Granted	100%
Lord Nelson	EL 6819	Exploration Licence	Granted	100%
St Arnaud East	EL 7431	Exploration Licence	Granted	100%
St Arnaud West	EL 7436	Exploration Licence	Granted	100%
Donald	EL 7496	Exploration Licence	Granted	100%
Jeffcott	EL 7567	Exploration Licence	Granted	100%
STAVELY ARC PROJECT (west of Stawell, Victoria)				
Black Range	EL 4590	Exploration Licence	Granted	100% ¹
Stavely	EL 5425	Exploration Licence	Granted	20%
JUBILEE GOLD PROJECT (west of Ballarat, Victoria)				
Jubilee	EL 6689	Exploration Licence	Granted	100%
Ballarat	ELA 7538	Exploration Licence	Application	0%
Ballarat	ELA 7539	Exploration Licence	Application	0%
East Jubilee	ELA 7748	Exploration Licence	Application	0%
Snake Valley	ELA 7751	Exploration Licence	Application	0%
Nintingbool	ELA 7752	Exploration Licence	Granted	100%

¹ As part of the sale of the Black Range tenement, EL 4590 is currently in the process of being transferred to Resource Base Limited.

Forward Looking Statements

This document may contain forward-looking information within the meaning of securities laws of applicable jurisdictions. These forward-looking statements are made as of the date of this document and Navarre Minerals Limited (the Company) does not intend, and does not assume any obligation, to update these forward-looking statements. Forward-looking statements relate to future events or future performance and reflect Company management's expectations or beliefs regarding future events and include, but are not limited to, the estimation of mineral reserve and mineral resources, the realisation of mineral reserve estimates, the likelihood of exploration success, the timing and amount of estimated future production, costs of production, capital expenditures, success of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. Forward-looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "continue", "objectives", "outlook", "guidance" or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Navarre and any of its officers, employees, agents or associates. Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Readers are cautioned not to place undue reliance on forward-looking statements and Navarre assumes no obligation to update such information.

ABOUT NAVARRE MINERALS LIMITED

Navarre Minerals Limited (ASX: NML) is a gold, silver and copper producer with a core mission to develop and operate large, high-grade and long-life mineral deposits.

Headquartered in Victoria, Navarre's gold-dominant portfolio comprises the operating Mt Carlton mine, five development projects and a highly prospective exploration portfolio across Queensland and Victoria.

Navarre maintains an aggressive exploration program aimed at delivering a strong pipeline of organic growth opportunities. The Company also continues to investigate transformational acquisition and strategic merger opportunities to grow the business.

The Company sustains a lean operating model and has a deeply experienced board and management team with a proven track record in value creation.

Navarre's highest priority is the health and safety of our people, contractors, their families and the communities in which we operate. We are committed to building strong partnerships with our key community, workforce and investment stakeholders.

See more at www.navarre.com.au