

**Ticker:** SVM AU **Cash:** A\$6.0m **Project:** Kasiya / Nsaru, Malingunde  
**Market cap:** A\$259m **Price:** A\$0.77/sh **Country:** Malawi  
**RECOMMENDATION:** BUY **TARGET (+25c):** A\$1.65/sh **RISK RATING (unc):** HIGH

Kasiya is now the biggest, highest value mineral sand asset globally. Already the leading source of low-CO<sub>2</sub> Ti into the paint industry, in a surprise development it is now the **second largest contained graphite resource** globally too. Key takeaways for us are (i) global resources nearly triple to 1.8Bt, with grade rising as new higher-grade zones were added. We see this as 'too big to ignore', even doubling the PEA to 24Mtpa would give this a >50 year life better than the largest mines in Africa (Tronox, Rio, Kenmare). Next, (ii) high-confidence M&I resources double the 4Q21 scoping study inventory, with a high-grade (the top 4-5m) cut off 241Mt @ 1.5% rutile, both of which should drive improved economics. We double our inventory and production, which lifts our 1xNAV<sub>10%</sub> to A\$1.4bn net of minority interests and staged capex, and processing only 1/3 of the MRE. Finally, (iii) being grid hydro-powered, continuous-backfill hydro-mining, on rail, gravity recovered and low-CO<sub>2</sub> natural rutile already gave the asset world-leading ESG credentials. As a material graphite deposit, those just got stronger. The unique genesis as metamorphosed sand for high-purity Ti, but weathered for soft-surface mining / enrichment, drives this. As evidenced by the -60% share price of the largest graphite asset since 1Q18, the 'dirty little secret' of graphite mines (low prices on early pre-qualification production) is a non-issue here as rutile will 'pay the bills' early on.

**We maintain our BUY rating and lift our A\$1.40/sh PT to A\$1.65/sh** based on a 0.5xNAV multiple for Kasiya, holding the 1.2Bt of unmined material at just 0.2% in-situ. This name is catalyst heavy with (a) an updated scoping study in 2Q22 to incorporate larger resource for an SCPe doubling of production, (b) additional off-take in addition to the ~20% already released at a premium, and most importantly (c) rutile prices, where low-volume spot is over US\$2,000/t against US\$1,351/t last-reported market prices (themselves reflecting last year's contracts). Effectively 2Q21 contract prices won't be fully reported until November this year as even 2Q will have some layover of 1Q contracts, ie we already expect QoQ price rises to be reported 6M from now. One silly statistic – Sovereign now has 26Moz AuEq of free-dig zero strip ore requiring only gravity separation. Substantial engineering work is required ahead to address hydro mining, slurry pipes, mineral separation and more, but the key risk, finding the metal in the ground, is past.

**Table 1. Today's updated mineral resource for Kasiya vs 4Q21 MRE**

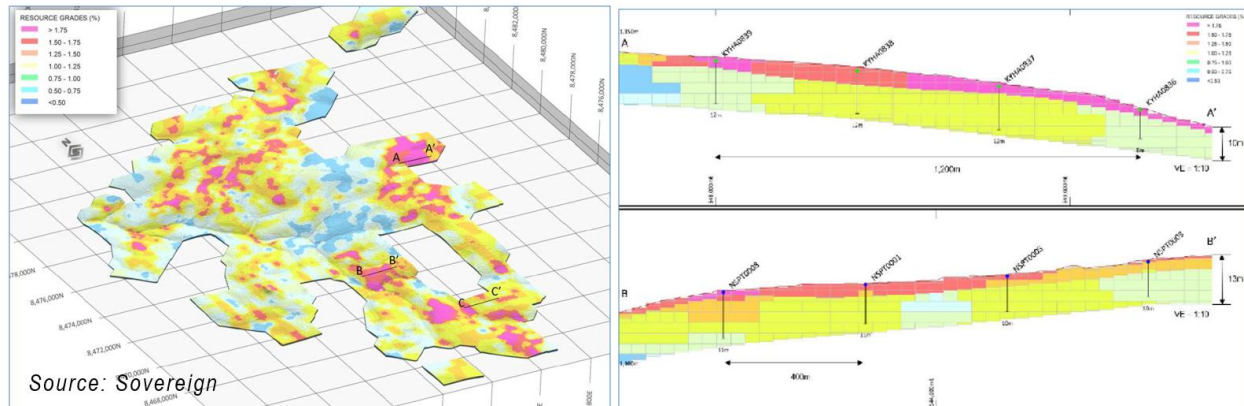
2Q22 MRE: 0.7% cut off	Mt	Rutile (%)	TGC (%)	2Q22 MRE: 1.3% cut off	Mt	Rutile (%)	TGC (%)
Kasiya indicated	662	1.05%	1.43%	Kasiya indicated	113	1.54%	0.52%
Kasiya inferred	1,113	0.99%	1.26%	Kasiya inferred	128	1.52%	0.41%
<b>GRAND TOTAL</b>	<b>1,775</b>	<b>1.01%</b>	<b>1.32%</b>	<b>GRAND TOTAL</b>	<b>241</b>	<b>1.54%</b>	<b>0.46%</b>
Δ 4Q21 (%)	193%	3%	6%	Δ 4Q21 (%)	254%	4%	4%

Source: Sovereign

## 1.8Bt MRE largest rutile asset ever, and second largest contained graphite; PT lifted to A\$1.65/sh

Sovereign's updated Kasiya **rutile MRE** lifts to **1,775Mt @ 1.01% rutile** (+193% tonnes, +3% rutile grade) at a 0.7% rutile cut off, with a high-grade subset of **241Mt @ 1.54% rutile** at a higher 1.3% cut-off, which grew 254% from the 4Q21 MRE. The >193% growth in tonnes is driven by drilling since the 4Q21 which closed the gap between Kasiya-Nsaru recently (now all Kasiya), encompassing >180km<sup>2</sup>. **Graphite** grades have lifted (+6%) and now stands at 23Mt of contained flake graphite, with lower grade (<1%) graphite occurring near surface with higher grade rutile. Resource constraints have assumed **hydro mining** as the optimal mining method for Kasiya, with minimal dilution, and is reported on a recovered basis.

Figure 1. Kasiya MRE (A) plan map and (B) cross-sections



## Our view: larger endowment enables larger mine, but PFS/DFS could enable high-grading

We were looking for >1Bt, perhaps 1.2Bt, leaving today's resource a substantial beat. Digging in, we are please to see +118% M&I, more than double the inventory of the scoping study. Better still, the material added was higher grade (+3% overall) with plenty at surface for early-years-access, exemplified by the **241Mt @ 1.5% rutile** at a higher cut-off (vs 68mt @ 1.5% 4Q21 MRE).

**Graphite:** Unlike rutile, where highest grades are at surface, graphite is generally the reverse as near-surface weathering 'liberates away' the light graphite. This does mean that as rutile grades diminish with depth, increasing graphite should enable solid NSR's deeper in the profile. More so than the rutile, the graphite is locally enriched to higher levels, which also, like the rutile, should allow for some clever 'jewel box' scheduling once reserves are defined for the PFS / DFS. Specifically, today's MRE shows areas of higher grades ~1-2% TGC at surface, specifically in the southern part of the MRE.

## The elephant in the room: Kasiya vs peer mineral sand mines / developers – Kasiya wins

**Peer producing mines:** Today's MRE makes Kasiya the largest rutile asset globally. However, by virtue of rutile grade and graphite credits, it also has the highest in-situ value (Table 2). Adding in the best (only disclosed) product specification, lowest carbon footprint, best on-rail infrastructure and on-hydro grid, it really is a generational discovery. Specifically, at US\$26/t, the LOM inventory is the highest value mineral sand globally, lifting to >US\$30/t for Y1-3 where higher-grade graphite is targeted. Mineral sands prices are reasonably transparent, but graphite pricing is bespoke to the product. Interestingly, **if we risk graphite prices by 50% the deposit is still in line with the highest value African mine**, Tronox's Namakwa operation, yet graphite prices have strong macro support. Given that Sovereign will focus on higher-value coarse graphite against fines-dominant (low value) Syrah, proposed prices are certainly deliverable. Further, this comes ahead of any high-grading we expect once reserve geometry is better defined.

Table 2. Sovereign in situ value vs African Mineral Sand operating mines

April 2022			Reserve	Total	In-situ Grade (%)					\$350	\$750	\$1351	\$1590	\$1085	In-situ Value	
Company	Project	Location	(Mt)	HM (%)	Ilme	Leu	Rutil	Zirc	Graph	Ilmen.	Leucox	Rutile	Zircon	Graph.	US\$/t	US\$bn
Sovereign	Kasiya Y1-3	Malawi	30				1.10	1.54		-	-	14.9	-	16.7	\$31.57	\$0.9
Sovereign	Kasiya LOM	Malawi	595				1.05	1.08		-	-	14.2	-	11.7	\$25.90	\$15.4
Tronox	Namakwa	South Africa	727	6.0	2.9	0.6	0.6			10.1	4.5	-	9.5	-	\$25.06	\$18.2
Iluka	Sierra Rutile	Sierra Leone	212	1.5	0.9		1.5	0.1		3.2	-	20.3	1.6	-	\$25.01	\$5.3
Base	Ranobe (dev.)	Madagascar	586	6.5	4.8	0.1	0.1	0.3		16.8	0.4	1.0	4.5	-	\$22.75	\$13.3
Tronox	KZN	South Africa	225	5.6	3.4	0.4		0.4		12.0	3.0	-	6.9	-	\$22.52	\$5.1
Base	Kwale	Kenya	40	3.4	2.0		0.5	0.2		6.9	-	6.4	3.1	-	\$16.41	\$0.7
Rio Tinto	QMM	Madagascar	358		3.5			0.2		12.3	-	-	3.2	-	\$15.43	\$5.5
Rio Tinto	RBM	South Africa	1,426		2.4			0.3		8.4	-	-	4.8	-	\$13.17	\$18.8
Kenmare	Moma	Mozambique	1,540	3.3	2.7		0.1	0.2		9.5	-	0.8	2.9	-	\$13.11	\$20.2
TiZir	Grand Cote	Senegal	1,765	1.4	1.0	0.0	0.0	0.1		3.5	0.3	0.5	2.4	-	\$6.72	\$11.9

Source: 2021 reserves except Grand Cote 2018, Rio Tinto 2020, Sovereign Indicated and Inferred. Leucosene and rutile combined for Tronox. Based on Iluka 4Q21 \$1351/t rutile, \$1,590/t zircon, with SCPe \$750/t leucosene and ~\$300/t ilmenite, Graphite from SVM scoping study; Recoveries: Ranobe - 2019 Taliara DFS, Kwale - IQ21 quarterly report

~US\$50bn resource

**Peer development assets:** Comparing Kasiya to up-and-coming developers globally, the asset is again the highest value. While some assets come close such as Sheffield Thunderbird and Bluejay's Dundas, these assets have extreme hurdles to overcome, being metallurgy requiring roasting, and being frozen for the majority of the year given proximity to the North Pole, respectively. Other development assets are low value, with funding only coming recently demonstrative of their likely difficulty to survive the cycle, leaving highly leveraged equity stories funded at the top of the cycle exposed to any macro headwinds.

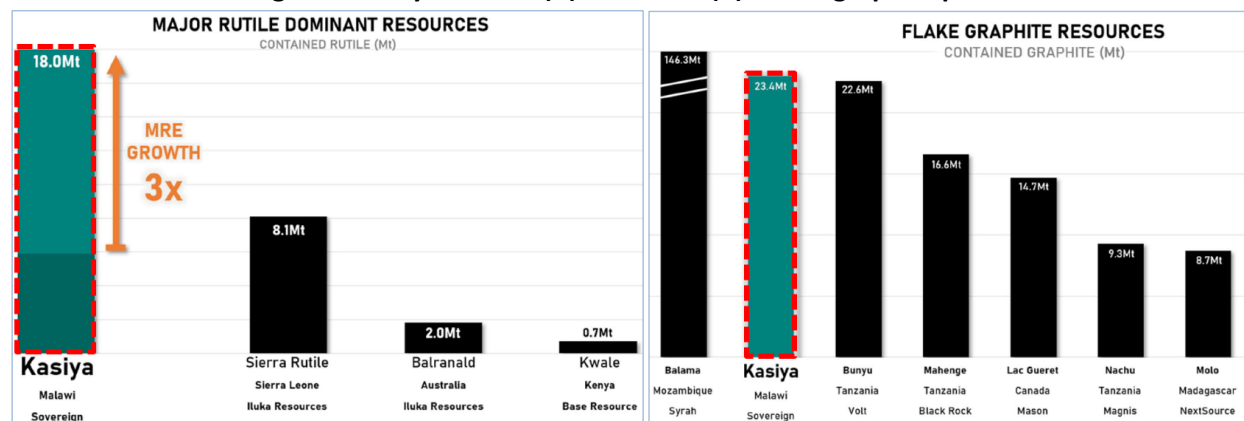
**Table 3. Sovereign in situ value vs peer developers**

Company	Project	Location	Stage	Ore Mt	Total HM (%)	In-situ Grade (%)					In-situ val. (US\$/t)	Comment
						Ilmen.	Leucoc.	Rutile	Zircon	Graph.		
Sovereign	Kasiya: Y1-3	Malawi	SCPe	30	-	-	-	1.10	-	1.54	\$ 31.57	Highest grade @ surface
Sovereign	Kasiya LOM	Malawi	SCPe	595.3	-	-	-	1.05	-	1.08	\$ 25.90	Large, vanilla met
Sheffield	Thunderbird	Australia	BFS	754	11.0	3.10	0.27	-	0.84	-	\$ 26.23	High Mg needs roast, small grain size, high U/Th
Bluejay	Dundas Ilmenit	Greenland	PFS	67.1	25.9	7.3	-	-	-	-	\$ 25.55	Close to north pole; exploitation & closure plans approved
Image	Bidaminna	Australia	Pre-PEA	102	2.2	1.06	0.79	0.10	0.11	-	\$ 12.73	Small and low value- dredging
Strandline	Fungoni	Tanzania	BFS	12	2.80	1.14	0.03	0.12	0.47	-	\$ 13.31	Small
Strandline	Coburn	Australia	BFS	523	1.11	0.54	-	0.08	0.25	-	\$ 6.83	Resource assemblage, no reserve breakdown published
Base	Kwale North	Tanzania	PFS	194	1.5	0.68	-	0.20	0.09	-	\$ 6.43	37% slimes, low val

Source: SCP/Sovereign 2Q22 MRE; SFX 2Q22 BFS; Bluejay 2Q19 PFS reserve; Strandline Coburn 2Q20 DFS and Fungoni 4Q17 DFS for tonnes and HMC, no mineral splits published in DFS so grade splits taken from M&I. In-situ @ \$350/t ilmenite, \$750/t leucocene, \$1351/t rutile and \$1590/t zircon, US\$1,085/t graphite; Base Kwale North 1Q21 MRE

**Absolute size:** Kasiya has now leapt ahead of all rutile mines in Africa (Tronox, Rio, Kenmare), and globally. This supports far more than a doubling of production / inventory from previous scoping study, leaving Kasiya as the **largest, highest margin, and greenest credentialed asset** globally, making it profitable but resilient throughout the cycle too. In a complete surprise, it is also the 2<sup>nd</sup> largest graphite mine globally.

**Figure 2. Kasiya MRE vs (A) rutile and (B) flaked graphite peers**

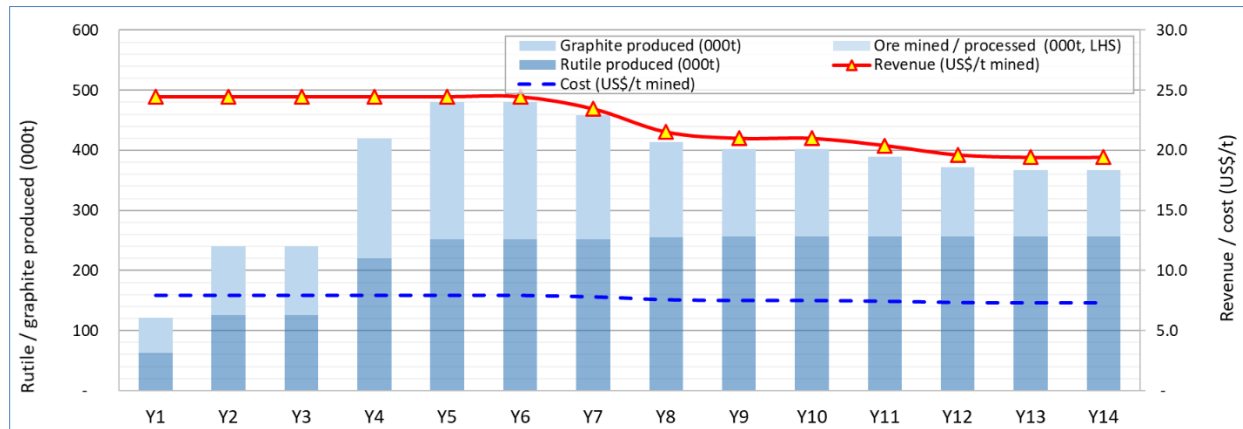


Source: Sovereign

## Valuation: multi billion-dollar asset territory ahead of expanded scoping study mine plan

The upcoming PEA update will take the full benefit of today's larger MRE, with the added benefit of larger higher grade zones compared to the previous 4Q21 PEA with 'only' 1.06% LOM grade, including 1.1% for the first 14 years at 12Mtpa. In our view, Kasiya's scale and geometry should enable a simple thesis: 'double the inventory, double the production', ahead of further engineering studies. **Figure 3** below shows our updated production model for Kasiya, lifting from 12Mtpa towards 24Mtpa in Y4 based on a doubling of the PEA inventory to SCPe 595Mt. There is no shortage of ore here, so we would expect the PFS and DFS to show some 'one bench high-grading' and model higher grades in Y1-3. Based on the M&I lift, we think the infill (and more to come) has delineated enough high-grade areas to allow these to be incorporated into the mine schedule. There is a balance here too, with the option to take 'one bench' (~5m) rather than the ~8-12m full ore body – this would materially lift the rutile grade, but it if backfilled, would sterilize underlying ore.

Figure 3. SCP modelled production profile for Kasiya



Replicating scoping study economics but with a doubled inventory to 595Mt @ 1.05% rutile, and double throughput in Y4 to 24Mtpa, we lift our capex 70% for an SCP 1xNPV<sub>10%</sub> of ~A\$1,560m from ~A\$930m previously. With rutile and graphite prices used in line with the PEA (and well under spot prices), the only change we make is to deduct the 10% minority interest to convert from an asset to corporate valuation, lowering our NPV to A\$1,390m. We value resources outside reserves on an insitu basis, taking only conservative 0.2% of the spot value for A\$65m. With M&I resources now double the 4Q21 PEA inventory, we think the updated PEA will be a good demonstration of value on a larger endowment (1.8Bt @ 1% rutile or 26Moz AuEq) but also enable a quick turnaround to PFS/FS.

Table 4. (A) SCP model inputs / economics for Kasiya & (B) Group NAV / sensitivity

SVM					SCP				SOTP <i>project valuation*</i>						
Key inputs and NPV	Scoping	Old	New	Δ to old		Scoping	Old	New	Δ to old		A\$m	O/ship	NAVx	A\$/sh	
Mining inventory (Mt)	297.6	297.6	595.3	100%	LOM revenue (US\$m)	6,266	6,266	12,324	97%	Ungeared @ build start (4Q23)	1,390	100%	0.50x	1.49	
ROM grade (% rutile)	1.06%	1.06%	1.05%	-1%	LOM revenue (US\$/t)	21.1	21.1	20.7	-2%	Cash SCPe 3Q21	5.9	100%	1.00x	0.01	
Rom grade (% graphite)	1.12%	1.12%	1.08%	-4%	LOM cost (US\$/t)	7.56	7.53	7.49	-1%	Cash from options	6.2	100%	1.00x	0.01	
Rutile recovery (%)	96%	96%	96%	0%	LOM revenue / cost (x)	2.8	2.8	2.8	-1%	Resources excl. inventory @ 0.2% ir	66	100%	1.00x	0.14	
Graphite recovery (%)	62%	62%	62%	0%	Total build capex (A\$m)	455	457	775	70%	Asset NAV 10% US\$1346/t rutile	1,468		PT:	1.66	
LOM throughput (Mtpa)	12	12	23	91%	Total sust. capex (A\$m)	148	149	237	60%	*Shares diluted for options mine build			Market P/NAV <sub>5y</sub>	0.19x	
Rutile production (kt pa)	122	121	227	88%	Rutile price (US\$/t)	1,346	1,346	1,346	0%	Group NAV sensitised to rutile and graphite price (A\$m, ungeared)*					
Graphite production (kt pa)	80	81	149	84%	Graphite price (US\$/t)	1,085	1,085	1,085	0%	Project NPV 10% (A\$m)	R \$0.95k	R \$1.15k	R \$1.55k	R \$1.95k	
Rutile Y1-3 (kt pa)	-	115	115	0%	Discount (%)	10.0%	10.0%	10.0%	0%	Graphite \$0.835k/t	670	944	1,223	1,495	2,052
Graphite Y1-3 (kt pa)	-	103	103	0%	NPV post-tax (A\$m)	937	932	1557	67%	Graphite \$1.085k/t	917	1,191	1,468	1,744	2,298
Mining cost (US\$/t)	1.77	1.77	1.77	0%	Less 10% minority (A\$m)	-	835	1390	66%	Graphite \$1.335k/t	1,165	1,441	1,717	1,990	2,543
Processing cost (US\$/t)	2.69	2.69	2.69	0%	Asset IRR post-tax (%)	36%	30%	25%	-16%	Ungeared project IRR:	20%	23%	25%	28%	32%
G&A (US\$/t)	0.64	0.64	0.64	0%	Payback (years)	2.50	2.75	3.75	36%						
Trnspt to port (US\$/t)	0.86	0.86	0.85	-2%	Mine life (years)	25	25	26.5	5%						

Source: SCP estimates

## Recommendation: maintain BUY rating, lift PT from A\$1.40/sh to A\$1.65/sh

We apply a 0.5xNAV to our A\$1,390m Kasiya NPV to capture production growth ahead. As such, we maintain our BUY rating and lift our A\$1.40/t price target to A\$1.65/t based on a 0.5xNAV multiple on a diluted-for-options but not build basis (Table 4). To sense check our valuation, we convert our asset NPV to a group NAV by modelling an US\$350m funding package (against US\$775m capex). Applying 65% gearing using 10% lender IRR debt, and modelling equity dilution through to first production, gives our FF FD 1xNAV10% of A\$2.99/sh at first production. Given this still accounts for Kasiya at only US\$1,346/t vs spot >US\$2,097/t this upside from the current share price is clear.

Figure 4. Rutile Prices USD: (Blue) quarterly contract prices vs (White) China spot rutile price



Source: Bloomberg

## Why we like Sovereign Metals

1. Existing **1,775Mt @ 1.01% rutile** comes from just 180km<sup>2</sup> of Kasiya
2. Pure rutile + graphite credits lowers CO<sub>2</sub> and adds EV credits addressing ESG agenda
3. On hydropower, hydro-mineable, on modern rail to deep-water port with allocation
4. PFS-level Malingunde graphite project adds diversification and second pillar to value

## Catalysts

1. **2Q22:** Further offtake agreement
2. **2Q22:** Expanded PEA to including April 2022 MRE update
3. **2023:** PFS
4. **2024:** DFS

## Research

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<b>Ticker:</b> SVM LN	<b>Price / mkt cap:</b> A\$0.6/sh, A\$259m	<b>Project PNAV today:</b> 0.19x	<b>Asset:</b> Kasiya / Nsaru
<b>Author:</b> B Salier B Gaspar	<b>Rec / 0.5xNAV PT:</b> BUY, A\$1.65/sh	<b>1xNAV<sub>3Q24</sub> FF FD:</b> C\$3.58/sh	<b>Country:</b> Malawi

Commodity price	CY21E	CY22E	CY23E	CY24E	CY25E
Rutile price (US\$/t)	1,346	1,346	1,346	1,346	1,346
Graphite price (US\$/t)	1,085	1,085	1,085	1,085	1,085

SOTP project valuation*				
	A\$m	O/ship	NAVx	A\$/sh
Ungeared @ build start (4Q23)	1,390	100%	0.50x	1.49
Cash SCPe 3Q21	5.9	100%	1.00x	0.01
Cash from options	6.2	100%	1.00x	0.01
Resources excl. inventory @ 0.2% ir	66	100%	1.00x	0.14
Asset NAV10% US\$1346/t rutile	1,468		PT:	1.66

\*Shares diluted for options mine build Market P/NAV<sub>5%</sub> 0.19x

Group NAV sensitised to rutile and graphite price (A\$m, ungeared)*					
Project NPV 10% (A\$m)	R \$0.95k	R \$1.15k	R \$1.35k	R \$1.55k	R \$1.95k
Graphite \$0.835k/t	670	944	1,223	1,495	2,052
Graphite \$1.085k/t	917	1,191	1,468	1,744	2,298
Graphite \$1.335k/t	1,165	1,441	1,717	1,990	2,543
Ungeared project IRR:	20%	23%	25%	28%	32%
Project NPV 8% (A\$m)	R \$0.95k	R \$1.15k	R \$1.35k	R \$1.55k	R \$1.95k
Graphite \$0.835k/t	859	1,194	1,535	1,868	2,548
Graphite \$1.085k/t	1,157	1,492	1,830	2,167	2,844
Graphite \$1.335k/t	1,454	1,792	2,128	2,464	3,139

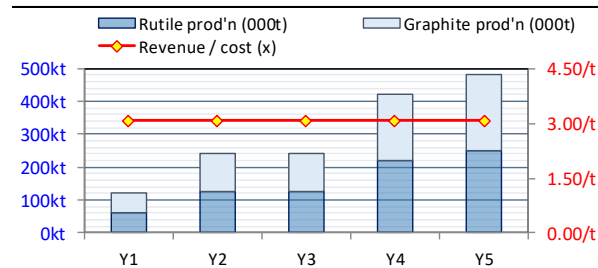
\*Project NPV, ex fin. costs and cent G&A, discounted to build start

Group NAV over time^	1Q22	1Q23	1Q24	1Q25	1Q26
Kasiya NPV (A\$m)	1,168	1,285	1,559	2,208	2,646
G&A and fin. costs (A\$m)	(123)	(123)	(126)	(123)	(91)
Net cash prior qtr (A\$m)	3.7	20.1	291.7	(167.8)	(407.7)
Cash from options (A\$m)	6.2	6.2	6.2	6.2	6.2
Nsaru at 50% of Kasiya	389	428	520	736	882
NAV FF FD (A\$m)	1,445	1,617	2,250	2,659	3,036
FD shares in issue (m)	516	516	742	742	742
1xNAV5%/sh FF FD (A\$/sh)	2.80	3.14	3.03	3.58	4.09

Geared NAV at 1st production, diluted for build, net G&A and fin. costs^					
NPV10% (A\$m)	R \$0.95k	R \$1.15k	R \$1.35k	R \$1.55k	R \$1.95k
Graphite \$0.835k/t	1,719	2,171	2,631	3,081	3,999
Graphite \$1.085k/t	2,128	2,580	3,036	3,491	4,406
Graphite \$1.335k/t	2,536	2,992	3,446	3,898	4,809
Geared project IRR:	19%	21%	24%	26%	30%
NPV8% (A\$m)	R \$0.95k	R \$1.15k	R \$1.35k	R \$1.55k	R \$1.95k
Graphite \$0.835k/t	2,058	2,588	3,128	3,655	4,732
Graphite \$1.085k/t	2,529	3,059	3,595	4,128	5,201
Graphite \$1.335k/t	2,999	3,535	4,068	4,598	5,667

^Project NPV incl grp SG&A & fin. cost, +net cash; \*diluted for build equity

Prod'n (Y1 from 4Q25)	Y1	Y2	Y3	Y4	Y5
Rutile prod'n (000t)	63	126	126	221	252
Graphite prod'n (000t)	57	114	114	199	228
Revenue / cost (x)	3.08	3.08	3.08	3.08	3.08



Source: SCP estimates

Resource / Reserve	Tonnes	Rutile	Tonnes	Graphite	Tonnes
Resource	1775Mt	1.01%	17.9Mt	1.32%	23.4Mt
SCP mining inventory	595Mt	1.05%	6.2Mt	1.08%	6.4Mt

Project: USES		Funding: SOURCES	
Pre-build exploration:	A\$23m	Cash + ITM options:	A\$12m
Build capex:	A\$775m	DFS equity, spot:	A\$30m
Finance costs (A\$m)	A\$39m	Build equity @ 0.5xNAV:	A\$356m
TOTAL USES:	A\$836m	65% geared debt @ 10%:	A\$465m
Buffer / drill budget:	A\$27m	TOTAL SOURCES:	A\$863m

Share data	Basic	>FD	>DFS eq	>Build equity
Basic shares (m)	432.43	465.7	515.7	741.8

Ratio analysis (YT June)	FY21A	FY22E	FY23E	FY24E	FY25E
Shares out (m)	413.4	482.4	482.4	708.5	708.5
EPS (A\$/sh)	-	-	-	-	-
CFPS (A\$/sh)	-	-	-	-	-
EV (A\$m)	-	262.0	276.8	519.4	825.5
FCF yield (%)	-	-	-	-	-
PER (x)	-	-	-	-	-
EV/EBITDA (x)	-	-	-	-	-

Income statement (YT June)	FY21A	FY22E	FY23E	FY24E	FY25E
Net revenue (A\$m)	-	-	-	-	-
COGS (A\$m)	-	-	-	-	-

Gross profit (A\$m)	FY21A	FY22E	FY23E	FY24E	FY25E
G&A (A\$m)	1.4	2.3	2.2	2.2	2.2
Finance cost (A\$m)	-	-	-	6.3	32.4
Exploration (A\$m)	2.9	8.1	12.0	-	-
Taxes (A\$m)	-	-	-	-	-
Minorities (A\$m)	-	-	-	-	-
Other (A\$m)	0.9	0.6	0.6	6.9	32.7
Net income (A\$m)	(5.1)	(11.0)	(14.8)	(9.1)	(34.9)

Cash flow, attrib. (YT June)	FY21A	FY22E	FY23E	FY24E	FY25E
EBIT (A\$m)	(5.1)	(11.0)	(14.8)	(2.8)	(2.5)
Add back D&A (A\$m)	0.0	-	-	-	-
Net change in wkg cap (A\$m)	(0.1)	-	-	-	-
Other non-cash (A\$m)	(1.2)	-	-	6.3	32.4
Cash flow ops (A\$m)	(3.9)	(11.0)	(14.8)	(9.1)	(34.9)
PP&E - build (A\$m)	(0.3)	(0.2)	-	(503.5)	(271.1)
PP&E - sust (A\$m)	-	-	-	-	-
Cash flow inv. (A\$m)	(0.3)	(0.2)	-	(503.5)	(271.1)

Cash flow fin. (A\$m)	FY21A	FY22E	FY23E	FY24E	FY25E
Share issue (A\$m)	9.8	30.7	-	356.3	-
Debt draw (repay) (A\$m)	-	-	-	200.0	264.8
Net change in cash (A\$m)	5.6	19.5	(14.8)	43.7	(41.3)
EBITDA (A\$m)	(5.1)	(11.0)	(14.8)	(2.8)	(2.5)

Balance sheet	FY21A	FY22E	FY23E	FY24E	FY25E
Cash (A\$m)	8.0	27.5	12.7	55.7	14.4
Acc rec., inv, prepaid (A\$m)	0.1	0.1	0.1	0.1	56.4
PP&E & other (A\$m)	7.7	7.7	7.7	511.3	726.1
Total assets (A\$m)	15.8	35.4	20.5	567.1	797.0
Debt (A\$m)	-	-	-	150.0	414.8
Accounts payable (A\$m)	0.7	0.7	0.7	0.7	0.7
Others (A\$m)	0.1	0.1	0.1	0.1	0.1
Total liabilities (A\$m)	0.8	0.8	0.8	150.8	415.6
Issued capital (A\$m)	55.3	86.0	86.0	442.3	442.3
Retained earnings (A\$m)	(39.4)	(50.6)	(65.5)	124.8	354.6
Liabilities + equity (A\$m)	15.8	35.4	20.5	567.1	797.0

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Summary of Recommendations as of April 2022	
BUY:	54
HOLD:	1
SELL:	0
UNDER REVIEW:	0
TENDER:	0
NOT RATED:	0
<b>TOTAL</b>	<b>55</b>

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