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Who we are - the world's largest supplier of ilmenite



Primarily used for the production of titanium pigment; a bright white opacifier

Located in Mozambique, East Africa

- > +30 years experience in country
- > +12 years of operations
- Meaningful contribution to the local and national economy
- Moma represented ~5% of Mozambique's exports in 2018

Moma Titanium Minerals Mine

- Mining ~35-40 million tonnes per annum, mainly by dredge
- > 90% renewable, hydro-electric power source
- Progressive rehabilitation of mined areas
- > 100+ years life of mine

Key products

- Titanium feedstocks (ilmenite and rutile)
 - Growing to 10% of global supply
- Zircon mainly used in ceramics
- Monazite mineral containing REE's

Mozambique



Wet Concentrator Plant B



Used in everyday "quality-of-life" items







Plastics and rubber







Paper



Glazes and enamels



Foods

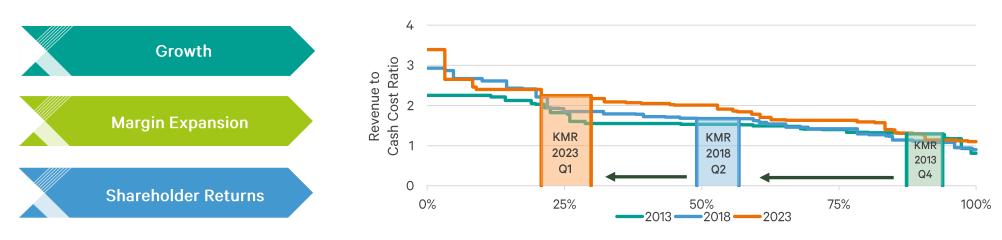


Fabrics and textiles

Targeting a 1st quartile industry position



Development projects now largely complete, positioning us for strong free cash flow generation



- Kenmare is on track to become a first quartile margin producer
- > This is expected to deliver increased cash flows
- > Provides resilience to the business positive free cash flow through the commodity cycle

Three key core programmes

2018: WCP B Upgrade	2019/20:
20% capacity upgrade	Additional
Capex <us\$10 million<="" td=""><td>Capex <u< td=""></u<></td></us\$10>	Capex <u< td=""></u<>



Project scope: the world's largest & heaviest move



Moving a plant in 80m long, as wide as a football pitch and as tall as a seven story building – in one piece

Moma's highest grade ore zone...

- Relocating mining operations from the depleted Namalope ore zone to the new high grade Pilivili,
- Required significant mining infrastructure

But 23km away, without a road

- WCP B consists of a dredge and a 7,100 tonne floating concentrator
- > ~50% of Moma's production is attributable to WCP B downtime critical
- Transported by Self-Propelled Modular Transporters (SPMTs), along a 60m wide engineered road
- > Targeted a move in Q3 2020, with production ramp up in Q4 2020

Approach & considerations

- Project by phases approach (PFS 2018, DFS H1 2019, detailed design and engineering H2 2019, execution 2020)
- Compressed time schedule with downtime duration criticality
- Project scale and scope had not been attempted previously
- Technical risk integrating SPMT method with floating plant structural design with affordable road & river crossing designs

23 km of engineered road



New risk: COVID-19



Kenmare's highest priorities are the safety and wellbeing of our employees and host communities

Abundant sanitation stations



COVID-19 testing on site



Rapid development in Q1 2020

- Critical path project civils were in full swing at site
- Long lead contracts were in place internationally with fabrication contracting at a critical stage

Prompt response to escalating COVID-19 risk

- Improved sanitation & social distancing on site
- Initiation of travel mandatory isolation and testing
- Agreement with main contractors and EPCM to have site teams present for contract duration

Rapid adaptation to legislated change

- Mozambican state of emergency declared
- Progressive international lockdowns especially South Africa
- Restrictions on the movement of people and goods

Main challenges

- H1 2020: delayed fabrications, relocation of contracts to countries not in lockdown
- > H2 2020: Access to Mozambique for installation contractors and services to site

COVID-19: Project Mitigations



Dynamic and integrated project management

Early and frequent communication with contractors

- Understanding schedule compliance was critical with multiple critical workstreams assessed
- Buy-in from owners team, EPCM and contractors that solutions must be found to challenges encountered
- Defining alternative suppliers and/or subcontractors early
- Identifying Mozambican in-country contractors
- Contractor to contractor support for schedule compliance, re-allocating scope to available site resources
- Supporting contractors with Kenmare's country management experience to facilitate work visas

Led to the development of the "HMC on time" plan

- Focussed on production of HMC before the end of Q3 2020
- Mitigated the areas where scope could not be completed on time
 - Plan B's on electricity supply and HMC haulage
- COVID-19 related changes & extensions of time added cost
 - Outweighed by getting WCP B back in to production

WCP-B Overall Schedule Progress

Description	Baseline	Forecast 11 Sep	Variance between Baseline and 11 Sep	Forecast 18 Sep	Variance between Baseline and 18 Sep	Baseline ' Complete 84.3%		
Board Approval to Proceed with Implementation	21-May-19	21-May-19	0	21-May-19	0	(82.7%)		
EPCM Appointment	25-Jun-19	25-Jun-19	0	25-Jun-19	0			
Commence with Haul Road Construction	17-Aug-19	17-Aug-19	0	17-Aug-19	0	Actual %		
Road EIA and RP Approved	20-Sep-19	31-Jan-20	-133	31-Jan-20	-133	Complete		
End of Nine Path	21-34-20	28-Aug-20	-29	29-Aug-20	-29	80.1% (78.2%)		
Moma B Substation Operational	7-Aug-20	21-Oct-20	-95	2-Nov-20	-00			
First HMC		16-Oct-20		17-Oct-20				
EDM Power Installed & Commissioned 2-Dec-20 2-Dec-20								
Plant Commissioned	20-Sep-20	20-Jan-21	-122	20-Jan-21	-122	Variance (4.2)		

	Period			Cursistive			KENMARE WCP-8 Move to Pilivili - Project Overall HATC		
Phase	Planned	Earned	Variance	Planned	Earned	Westernoon			
Engineering	0.00%	0.00%	0.5	100.00%	100.00%	-			
Procurement	0.00%	0.00%	-	100.00%	100.00%	-			
Fabrication	1.90%	2.10%	0.2	96.50%	00.00%	(7.7)			
Construction	2.70%	2.80%	0.1	79.60%	73.50%	(8.1)	Program on Execution 28-biss-28		
Commissioning	0.00%	0.00%	-	0.00%	0.00%	-	Patent BLTS National ALTS		
Overall	1.6%	1.2%	0.3	84.3%	80.1%	(42)			

Success factors



Project success built around strong relationships

Project foundation built in relationships between parties

- Integration of Project team and Operations
- Key relationships with Hatch EPCM personnel through previous projects
- Dedicated contractors working as partners
- Every contractor went the extra mile

Project management systems and controls

- Prompt understanding of schedule, costs and risks
- Effective governance structure creating efficient project management
- Rigorous performance management of contracts to ensure open and fair contractor relationship
 - Claims process regarding COVID-19 costs and extensions of time
- Decoupling the project's non-mission critical components

Dredge on the move



WCP B on the road to Pilivili



Kenmare's owners team



Final thoughts



Kenmare is well on it's way to achieving targeted production of 1.2 Mtpa ilmenite on a sustainable basis

Operations in production at Pilivili

- HMC production commenced 25 October 2020, as per plan
- Ramp up of WCP B successful in Q4 2020. Significant stocks of +50kt HMC in place by year end
- Successful transition to grid power in December 2020
- HMC haulage continues pending completion of HMC pipeline

A massive congratulations and thank you to our Owners team, Hatch, and all key contractors, who delivered this move in such dynamic circumstances

HMC loading truck leaving WCP B



Video of the WCP B Move



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Kenmare has gone social

- Kenmare has profiles on Facebook, Twitter and LinkedIn, which feature regular updates on our corporate social responsibility initiatives, operational and development milestones, news flow and more
- Click the name of the social network to visit out profiles and connect with Kenmare: Facebook, Twitter and LinkedIn

