



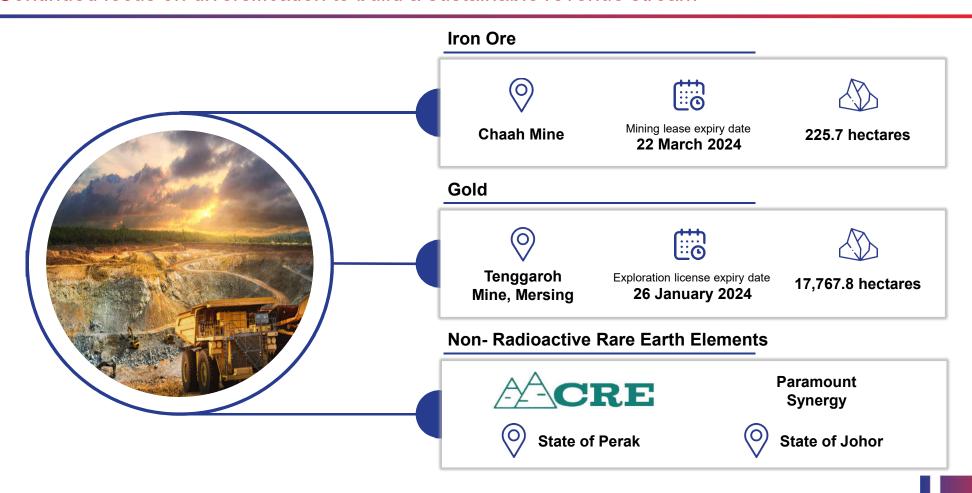
SOUTHERN ALLIANCE MINING LTD.

MEMORANDUMS OF UNDERSTANDING SIGNING

Company Overview



Continued focus on diversification to build a sustainable revenue stream

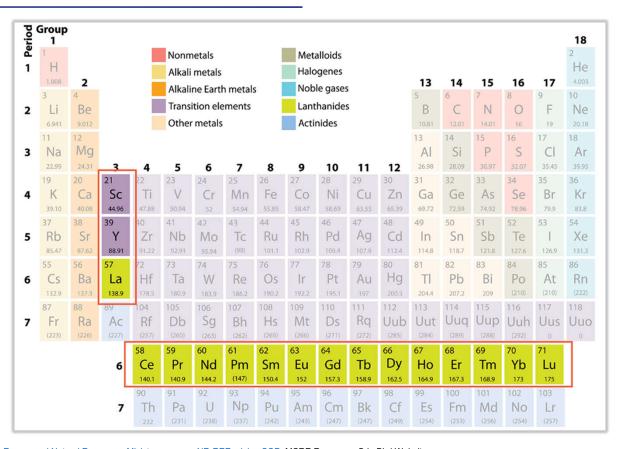


Rare Earth Elements



Rare earth elements are used across various industries due to their unique characteristics

Periodic Table of Elements



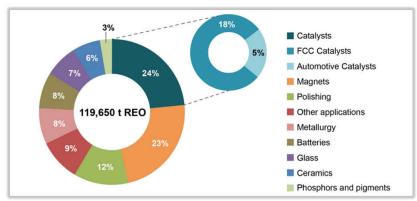
About Rare Earth Elements (REE)

- There are a total of 17 REE.
- Wide application in the manufacturing of modern electric vehicles, green energy generation, electronics like laptops and smartphones and high-performance airframes
- Currently, China has the highest reserves of REE
- Non-Radioactive-REE (NR-REE) in Malaysia amounts to 15.188m MT with a value of around RM741b, and most are found in Kedah, Perak, Terengganu, Kelantan, Pahang, Johor.

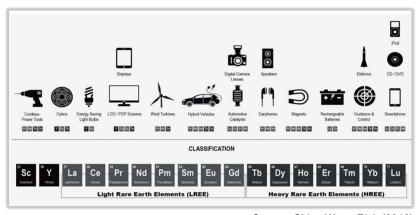
Rare Earth Elements



Rare earth elements are used across various industries due to their unique characteristics



Source: Roskill (2016)



Source: China Water Risk (2016)

Due to their unique physical and chemical properties, REEs are necessary components across applications such as high-tech consumer product and significant defense applications.

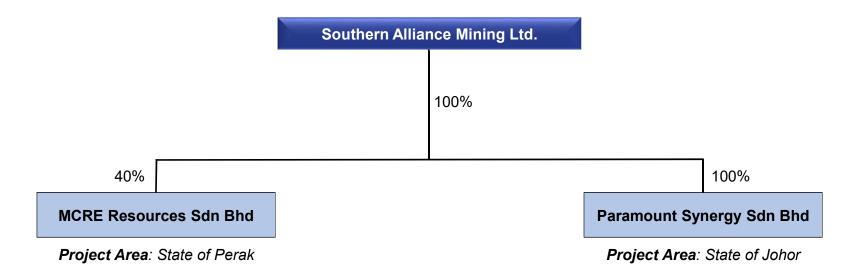
			Usage						
Elements		Catalyst	Glass Polish	Magnets	Lasers	Others			
	La	57	•	•			H ₂ Storage, Batteries, Camera Lenses, Flint		
Light REE	Се	58	•	•			Ceramics		
	- Ex	59		•	•	•	Ceramics, Lighting, Flint		
	Nd	60		•	•	•	Ceramic Capacitors		
	Sm	62			•	•	Neutron Capture, Masers		
	Eu	63	•			•	Mercury-Vapor Lamps		
Heavy REE	Gd	64		•	•	•	X-Ray Tube, Computer Memory, Neutron Capture		
	Tb	65			•	•	Fluorescent Lamps		
	Dy	66			•	•			
	Но	67				•			
	Er	68				•	Vanadium Steel		
	Tm	69				•	Portable X-Ray Machines		
	Yb	70					Reducing Agent		
	Lu	71		•			PET Scan Detectors		
	Υ	39				•	Superconductors, Microwave Filter		

Source: Krishnamurthy (2006)

Targeted Acquisition Structure



SAM signed two MOUs for non-radioactive rare earth mining in Malaysia, focusing on its diversification plans



Vendor Share Sale to SAM

Name	%
Dato'Sri Pek Kok Sam	12
Dato' Teh Teck Tee	12
Aras Kuasa Sdn Bhd (AKSB)	16
Total	40

Vendor Share Sale to SAM

Name	%
Dato' Sri Pek Kok Sam	79
Jimmy Chin	9
Xu, DaWei	9
Lai Choy Leng	3
Total	100

Target Companies

MCRE Resources Sdn Bhd and Paramount Synergy Sdn Bhd



MCRE Resources Sdn Bhd



Involved in the exploration, mining, processing and sale of lanthanide Minerals and NE-REE

Headquartered in **Kuantan**, **Malaysia** with its mine located in the State of Perak

1 S1

Malaysian Company

to utilized advance mining method from China in Malaysia. 33,000

tonnes

estimated rare earth oxide of MCRE's explored mine area 2,161

hectares

estimated total mining area

4 -

million tonnes

NR-REE in Perak currently with an estimated value of US\$

20.3

Paramount Synergy Sdn Bhd

1,863

hectares

Estimated area of identified mineralized zone

1,200

holes

drilled to date

Sources: Perak could be sitting on US\$20.25b of lanthanide rare earth bonanza, study shows,

MCRE's strategic advantages

MCRE is a pioneer in rare earth mining in Malaysia



MCRE's strong position

 A

Established Resources



Low Carbon Footprint



MCRE is a pioneer in rare earth mining with a large amount of rare earth deposit in Malaysia, It is the only Malaysian company that has been granted exclusive rights by Chinese strategic partners.

MCRE's Mine is a producing mine with estimated rare earth oxide of around 33,000 tonnes based on its environment impact assessment report

MCRE's in-situ
leaching method to
extract NR-REE
carbonates helps
preserve the natural
landscape with an
overall low carbon
emission footprint

MCRE's strategic advantages

MCRE is a pioneer in rare earth mining in Malaysia



Multi-year growth prospects



Diversification of income



Potential for greater shareholder value



REE is used across various industries like semiconductor as well as the renewable energy industries ensuring growing demand in the future

Further strengthen SAM's position as a diversified mining company to build a sustainable revenue Aim to contribute to the Group's performance, allowing the Group to deliver better returns to its shareholders Scan to ask questions!



THANK YOU!

