

CORPORATE

OREX MINING COMPANY DMCC was established in 2014 as a free zone company in Dubai, UAE. The company started business as an international trader of raw materials required by steel and fertilizers unit in India.

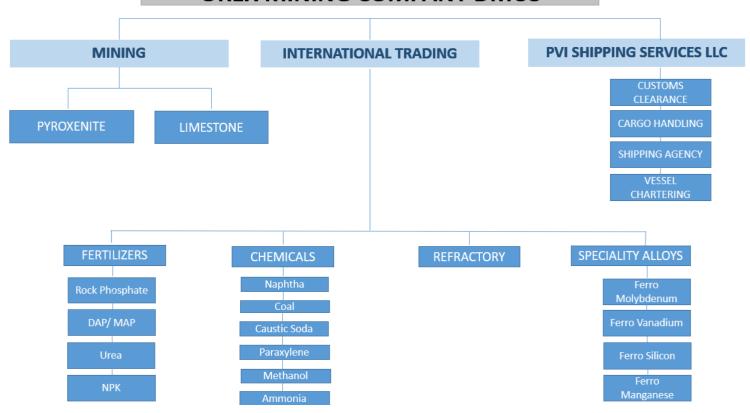
In 2016, the company was granted limestone mining lease in Taween, Fujairah. A 1000 TPH 3-stage crushing plant producing steel grade limestone and aggregates with an installed capacity of 1,500,000 MTPA. This quarry is being run as a joint venture.

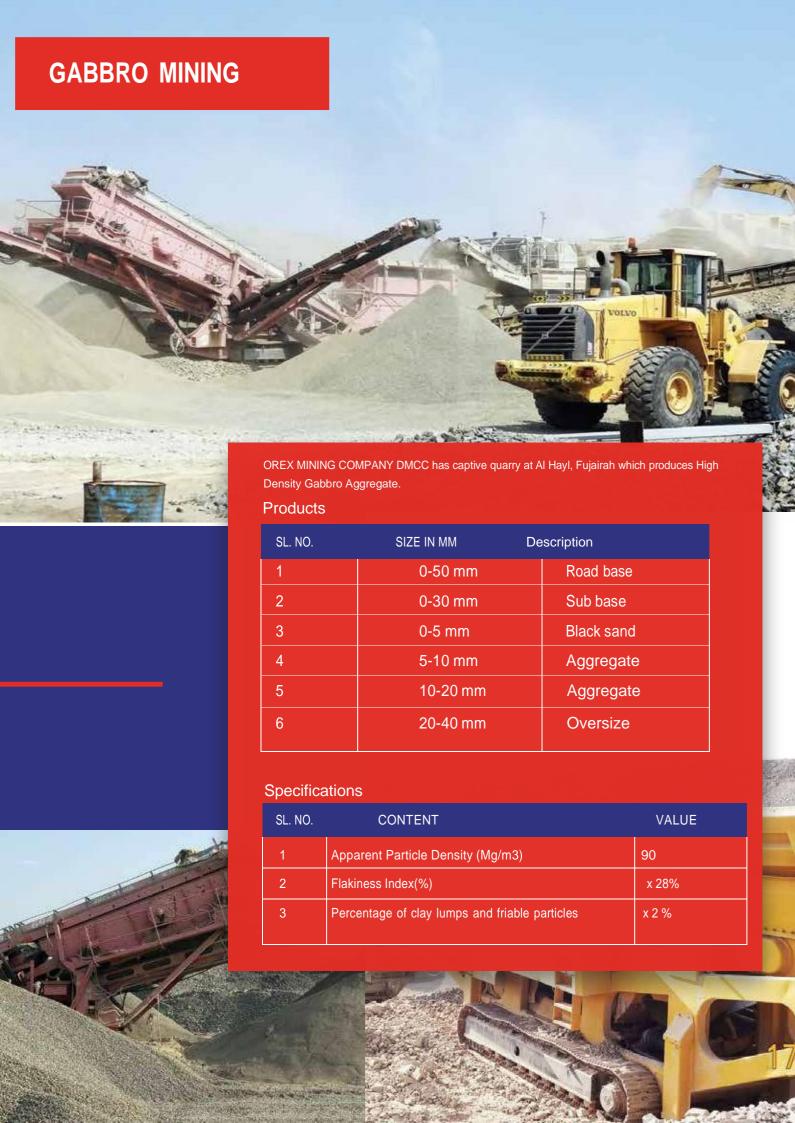
In the year 2017, Orex started exporting high magnesium Pyroxenite to integrated steel plants in India. By 2020, the company has been exporting over 500,000 MTPA.

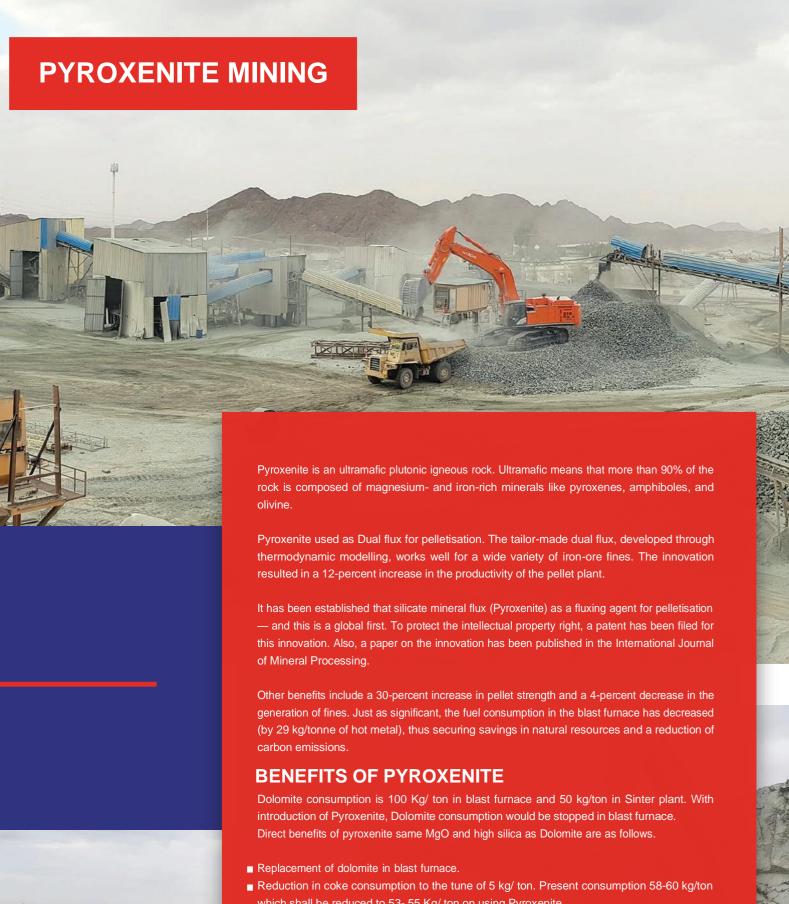
The company has been granted 2 sq. km Pyroxenite mining lease in Siji, Fujairah in January 2021. The company proposes to set-up a 450 TPH 3-stage producing steel flux size 10-40 mm and aggregates with an installed capacity of 1,200,00 MTPA. The Pyroxenite mining project includes a magnesium extraction plant producing Mgo and Mg using a thermo-chemical process with an installed capacity of 400,000 MTPA.



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- which shall be reduced to 53-55 Kg/ ton on using Pyroxenite.
- Increase in productivity by 2-4 %.
- Decrease of quartzite in blast furnace.
- Decrease in crushing and handling cost of dolomite.













FULL RANGE NAPHTHA

Full Range Naphtha (FRNAP) is a virgin naphtha with a typical boiling point range of 30-150°C and PNA (paraffinic: naphthenic: aromatic) content of content of 70:20:10. As a versatile naphtha, it has the potential to be used as a direct feedstock by petrochemical plants or into naphtha splitters for further processing. Total capacity 45 KT.

SPECIFICATIONS

TEST	UNIT	LIMITS	METHOD
Density at 15 °F*	kg/m³	To be reported	ASTM D4052
Color Saybolt		Min +25	ASTM D6045
Distillation: 10% Volume Recovery	°C	Max 80	- ASTM D86
50% Volume Recovery	°C	Max 110	
90% Volume Recovery	°C	Max 135	
End Point	°C	Max 170	
Vapour pressure at 100 °F	psi	Max 13.0	ASTM D5191
Mercaptan Sulphur	mg/kg	Max 200	ASTM D3227
Total Sulphur	mg/kg	Max 300	ASTM D5453

LIGHT NAPHTHA

Light Naphtha is a type of virgin NGL, recovered in gas processing section of the LNG plants. In the family of light naphtha (typical boiling point range of 35-140°C), it is highly paraffinic (typically >80%) and typically used as feedstock in petrochemical cracking plants.

SPECIFICATIONS

GURANTEED SPECIFICATION- LIGHT NAPHTHA				
Sl. No.	Parameters	Unit	Content	
1	Paraffins	vol %	65 min	
2	Specific gravity at 60 °F	gm/cc	0.65- 0.74	
3	RVP	psi	13 max	
4	Sulphur	wppm	650 max	
5	Distillation (IBP)	°C	25 min	
6	Distillation (FBP)	°C	204 max	
7	Chlorine	wppm	1 max	
8	Mercury	wppb	1 max	
9	Arsenic	wppb	20 max	
10	Olefins	vol %	1 max	
11	N- Paraffins	% vol	30 min	
12	Colour	Saybolt	20 min	
13	Lead	wppb	150 max	
14	Total oxygenates	wppm	50 max	
15	Carbon disulfide	wppm	3 max	



