



ConsMinTrade (CMT) Pte Ltd

Exclusive Marketing of CML & GMC Manganese Ore

**Ben Cohen
Marketing Manager**

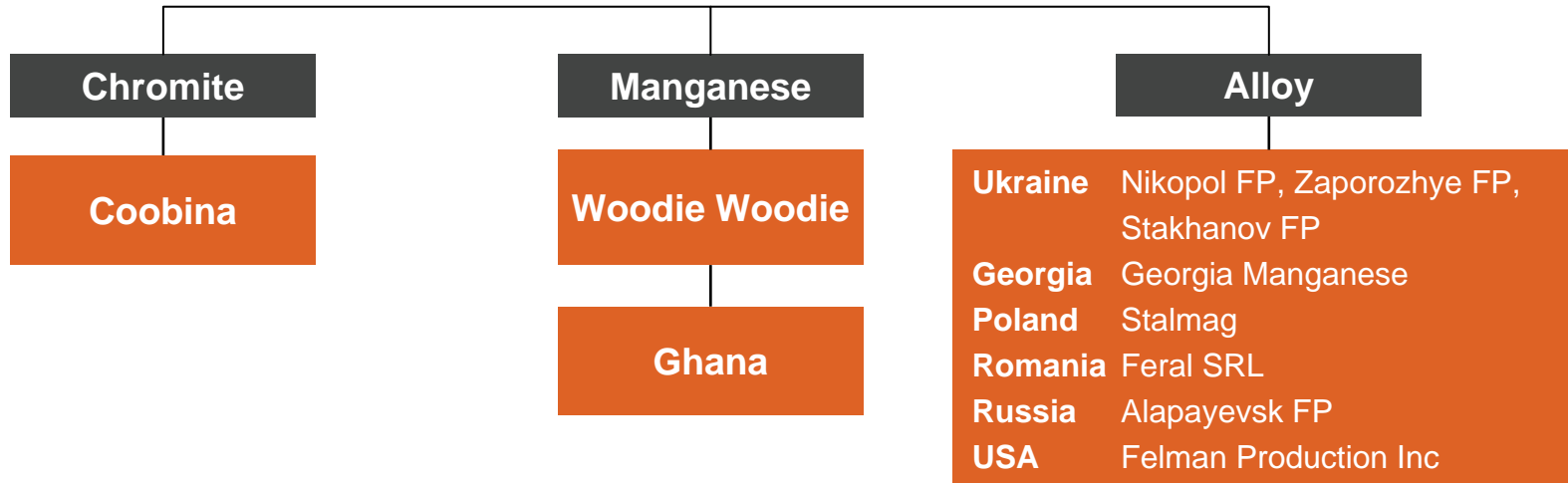
ConsMinTrade (CMT) Pte Ltd



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- Consolidated Minerals
- Ghana Manganese Company

ConsMinTrade (CMT) Pte Ltd

Overview



Key facts

- **Part of Consolidated Minerals Group**
- **Focused on Manganese ores, Manganese alloys and Silicon alloys**
- **Focused on Asian markets**
- **Business commenced Q1 2009**
- **Located in Singapore**
- **Global marketing rights for CML & GMC ores**
- **Marketing rights to Asia for alloys produced by group**

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Consolidated Minerals Operations



Woodie Woodie High Grade Mn Ore

Production capacity ~1.0mt
Typical Annual Production ~900kt
Beneficiation lump and fines
Trucked 400km to Port Hedland

Coobina Chromite Ore

Lump Production capacity ~250kt
Mining Operations Suspended Q4 2008
Beneficiation chips and sands ~150ktpa
Trucked 600km to Port Hedland

Combined Bulk Shipments up to 65kt
~11 Sailing Days to China



Competitive Advantage of Woodie High Grade Lump Ore

- High grade/low impurity ore
- Ideal blending material (High Mn / low P)
- Hard/lumpy
 - Reduces degradation
 - High thermal stability
- Consistency of grade / Reputation
- Proximity to key markets

Woodie Woodie Manganese - Long Term Average Lump Specification

Mn 49.5%	Fe 4.1%	SiO₂ 11.4%	Al₂O₃ 0.6%	P 0.03%
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GHANA MANGANESE CARBONATE ORE

- Capacity ~1.2 mtpa
- Typical Production ~0.9 mtpa
- Mine Life ~30 years
- Transport Rail / Trucked
- Shipping Takoradi Port
up to 40kmt shipments
approx 35 day voyage time to China



GHANA MANGANESE CARBONATE ORE

Lump and Fines Specification

Mn:	28%	MIN	Versatile ore suited to both Mn alloy and metal production
Fe:	2%	MAX	True Carbonate ore high carbonate manganese content
SiO ₂ :	16%	MAX	Ideal blending ore
Al ₂ O ₃ :	3.5%	MAX	Unique very high Mn:Fe ratio for alloy
P:	0.08%	MAX	Low moisture content
MgO:	6.5%	MAX	Promotes production efficiencies
CaO:	6.5%	MAX	
H ₂ O:	2%	MAX	

Lump Size 6.25mm - 100mm - 80% min at load port

Fines Size 0 – 25 mm – 80 % min at load port

ConsMinTrade (CMT) Pte Ltd

Contact Details



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