

## Geoff Mason

<b>Qualifications</b>	Bachelor of Metallurgy Chartered Engineer
<b>Affiliations</b>	Fellow of the Institution of Materials, Minerals and Mining Member of the British Institute of Management
<b>Date of Birth</b>	29 May 1947
<b>Nationality</b>	British

### Current Position at CWA

Geoff has nearly 40 years of experience in the minerals and metals industries, working mainly as an extractive metallurgist in technical, managerial and consultancy roles. He has been an associate of CWA since 2006, drawing on his broad experiences to provide solutions to shipping problems presented to CWA.

### Specific Expertise and Experience at CWA

The following summary lists some of the projects that Geoff has assisted with or led since joining CWA:

#### Cargoes

- Coal
- Nickel laterite
- Nickel concentrate
- Zinc ashes
- Fluorspar
- Ilmenite
- Iron ores
- Sulphur
- Fertiliser (DAP, urea)
- Cement
- Copper concentrate
- Steel semis

## **Countries**

Geoff has dealt with bulk solids cargo transportation and incidents in numerous countries including China, Korea, Senegal, Philippines, Chile, India, South Africa and the USA.

## **Incidents**

Incidents with which Geoff has been involved include:

- Remediation of cargoes damaged by seawater due to damaged hulls
- Cargo liquefaction
- Unstable cargoes
- Explosion of cargoes
- Corrosion to ship's structure
- Rejection of loaded cargoes
- Damage through incorrect handling procedures
- Remediation of wet cargoes on board

## **Summary of Previous Employment**

### **2006-present                      Saint Barbara LLP**

Geoff joined Saint Barbara LLP in 2006 as metallurgical consultant and partner. With his expertise in metallurgical processing Geoff has been involved in projects covering arbitration on the quality of metal concentrates, flowsheet design & product transport, cost models, valuations of projects & IPOs, and plant assessments.

### **1988-2006                      Commodities Research Unit (CRU)**

During this period, Geoff managed the Lead, Zinc & Precious Metals Team, after previous positions as Principal Consultant and Manager of the Competitive Analysis Team. In addition to his management role for the economic analysis of lead, zinc and precious metals at CRU, Geoff gave technical service to the other teams, especially copper, nickel and associated by-products. By the nature of CRU's business, Geoff was closely associated with issues related to the shipping of metal and concentrates.

### **1983-1988                      BP Minerals**

BP acquired Selection Trust and developed a minerals group before selling the business to RTZ (now Rio Tinto) in 1988. Geoff was recruited to strengthen the copper refining design group and was involved in the design of a copper electrowinning plant in South Africa, nickel plant in Brazil, zinc smelter in Norway and several consultancy projects world-wide.

**1980-1983**

**Teacher of Physics**

To advanced level.

**1978-1980**

**IMI Refiners**

Operations manager of copper electrorefinery in the UK.

**1969-1978**

**Zambian Consolidated Copper Mines**

On graduation, Geoff took up a post in Zambia in a copper electrorefinery. After several technical posts he was appointed as Precious Metals Plant manager, responsible for commissioning and operating a by-product treatment plant recovering gold and other precious metals.