FIG Working Week
Cairo 2005

Mineral Development
The Owner’s Perspective
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Minerals
• Construction
• Energy
• Precious
• Non-Precious

Mineral Ownership
• State Owned
• Groups / Collectives
• Corporate Bodies
• Individuals

What is Owned?
• Determined by Law
• Land Surface
• Geological Deposit
• Working Rights

Surveyors Role
Owner

Developer
Surveyor

The Law
Practical Knowledge

Ownership Benefits and
Ownership Disadvantages
• Environmental
• Financial
• Social
Environmental
  • Proposal – What is it?
  • Size
  • Duration
  • Complexity
  • Working Methods

Environmental Impact Assessment
  • Local Impacts
  • Fauna
  • Flora
  • Pollution
  • Impact on Humans

Financial
  • Revenue
  • How Paid. $ or in kind?
  • Lump Sum
  • Rent
  • Royalty
  • Documentation

Social
  • Distribution of Wealth
  • Shareholding
  • Direct Employment
  • Indirect Employment
  • Service Industries
  • Economic Development
  • Impact on People

Long Term
  • Identify at Outset
  • Landowners Aspirations
  • Design
  • Afteruse

Surveyors Role
  • Understand the Development Proposals
  • Advice on Practical Aspects
  • Know Your Limitations
  • Identify Income
  • Identify Benefits
  • Identify Disbenefits