

FIG Working Week Cairo 2005

Mineral Development The Owner's Perspective

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Minerals

- Construction
- Energy
- Precious
- Non-Precious

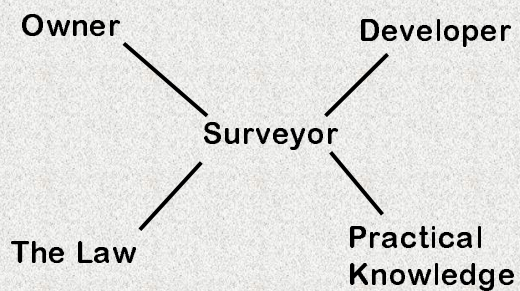
Mineral Ownership

- State Owned
- Groups / Collectives
- Corporate Bodies
- Individuals

What is Owned?

- Determined by Law
- Land Surface
- Geological Deposit
- Working Rights

Surveyors Role



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