

Mining 101

Presentation to the NDP Caucus

July 9, 2008



The process

- Mineral exploration
- Mine development
- Mineral production
- Secondary processing
- Provision of goods and services
- Mine site rehabilitation/reclamation

Economic Impact

- Employment (py's)
 - Direct – 3,075
 - Spin-off – 3,265
- GDP (\$'000,000)
 - Direct - \$283.4
 - Spin-off - \$205.2

Exploration

- First and critical phase of mining
- Low impact on environment
- Must go where minerals are
- Benefits local economy and tourism industry
- Recreational prospectors
- Issues include land access, uranium moratorium



Development

- Process to confirm findings of prospector
- Community engagement
- Scientific case for production
- Environmental Assessment process
- Issues include fair and equitable process for all proponents, cost of environmental process, predictable path to opening

Production

- Stable high paying jobs in mostly rural communities – number one in terms of average weekly wages in resource sectors
- Challenges include reclamation expectations, mineral market prices, fuel tax for off road vehicles, community liaison

Services

- Suppliers include:
 - Construction services
 - Accommodations/food services
 - Government services
 - Utilities
 - Heavy equipment sales
 - Financial and legal services, etc.

Reclamation

- Bonding
- Work with community to make what they want/need happen
- Monitored for years after left site

Pioneer Coal – Stellarton



What we mine

Coal

Anhydrite

Limestone

Crushed stone

Sand and gravel

Other – clay, barite, silica sand, etc.

Metals

Gypsum

Peat

Salt

What it means to you every day

- Energy sources
 - Road materials – salt, gravel, concrete
 - Wall board, windows
 - Blackberry and/or Computer
 - Sunscreen, etc.
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- If you can't grow it, you have to mine it



Questions??