

- a recovery to normal levels of emissions at the Gaspé smelter following the six-month strike in 1979,
- a recovery at Inco's Copper Cliff smelter to the maximum allowable emission level as established by the Ontario government.

the emission levels at each smelter in 1980 are estimated to be as indicated in Table E.2.4. This being the case, the total SO₂ emissions for this sector would be approximately 2.04 million tonnes in 1980. These estimates form the base figures for all subsequent projections.

TABLE E.2.4 SO₂ EMISSION ESTIMATES BY OPERATION, 1980

Operation	Million tonnes	Operation	Million tonnes
Noranda - Horne	0.54	Inco - Thompson	0.23
- Gaspé	0.07	- Copper Cliff	0.80
Falconbridge	0.15	- IORP	0.07
Hudson Bay Mining and Smelting	0.19		
OVERALL TOTAL			2.04

Scenario I

The validity of this scenario is dependent upon the existence of a status quo with respect to production capacity, pollution control and technological innovation and implementation. In essence, this unlikely situation disregards the future short-term effects of recessions, booms, or labor problems, and the long-term effects of pressures from environmental quarters to improve the existing situation.

Assuming that emission levels will remain unchanged throughout this period provides a ceiling level for emissions. Therefore, it is projected that the worst case would be approximately 2.0 million tonnes of SO₂ emitted annually from this sector in the year 2000 (see Figure E.2.1).