

## 7.8 Coal Preparation

Principal Investigator's Name:

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Agency and Department:

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Cooperative Agencies and Investigators: (if applicable)

Canadian Coal Producers

Duration:

Start 1982 - Completion 1986

Approximate Cost: (indicate applicable yearly period)

1982    \$250K in-house            \$150K in contracts

Objectives:

To contribute to the technology of economically upgrading coal to reduce dependence on oil, reduce transportation costs, to improve end-use, and to reduce environmental pollution.

Method:

Part of this project will include:

- a) An investigation of the removal of pyrite from coals by high gradient magnetic separation.
- b) A preliminary technical evaluation of chemical comminution for releasing fine pyrite from coal.
- c) Studies on various physical coal cleaning processes.
- d) Install flotation column at Devco. (December 1982)
- e) Flotation test program. (December 1983)

Anticipated Results:

Reports will be issued on the work as it progresses.