Introduction
The study area is a portion of the Canadian plains exposed in the West Edmonton Malls, Alberta. The area is characterized by a set of major outcrops, including the Shell River and Bonnyville formations, which are part of the Devonian Three Forks Formation. These formations are known for their high productivity and are the focus of the study.

Stratigraphy and Deposition
The Three Forks Formation is a composite unit that consists of three main subunits: Unit 1, Unit 2, and Unit 3. It is characterized by a variety of sedimentary facies, including shallow marine, deltaic, and terrestrial deposits.

Unit 1
- Characteristics
  - Stratigraphic position: Base of the Three Forks Formation
  - Depositional setting: Shallow marine
  - Sedimentary facies: Siltstone, shale, and conglomerate
  - Distribution: West Edmonton Malls, Alberta

Unit 2
- Characteristics
  - Stratigraphic position: Middle of the Three Forks Formation
  - Depositional setting: Deltaic
  - Sedimentary facies: Sandstone, siltstone, and shale
  - Distribution: West Edmonton Malls, Alberta

Unit 3
- Characteristics
  - Stratigraphic position: Top of the Three Forks Formation
  - Depositional setting: Terrestrial
  - Sedimentary facies: Conglomerate, sandstone, and shale
  - Distribution: West Edmonton Malls, Alberta

Production
The Three Forks Formation is a major source of hydrocarbons in the study area. It is characterized by high porosity and permeability, which are favorable for oil and gas production. The formation is also known for its high organic content, which contributes to its hydrocarbon potential.

Economic Considerations
The Three Forks Formation is a significant economic asset in the study area. It is estimated to contain several billion barrels of oil and gas, making it a critical resource for the region. The formation is also a source of feedstock for the petrochemical industry, which is a major economic driver in the area.

Conclusions
The study of the Three Forks Formation in the West Edmonton Malls, Alberta, has provided valuable insights into its stratigraphy, depositional history, and economic potential. The results of this study can be used to guide future exploration and development efforts, ensuring the sustainable extraction of hydrocarbons from this important resource.