

GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF MINES AND TECHNICAL SURVEYS




Figure 1  
Lithofacies of the Athabasca Formation and  
the distribution of the Martin Formation,  
Saskatchewan and Alberta

### Scale of Miles


### LEGEND

## MARTIN FORMATION


## REGIONAL SIZE DISTRIBUTION OF CLASTIC GRAINS IN THE ATHABASCA FORMATION

Coarsest particles in outcrop 2 mm. to 64 mm. . . . .	
Coarsest particles in outcrop 1 mm. to 4 mm. . . . .	
Coarsest particles in outcrop 1/4 mm. to 2 mm. . . . .	

Outcrop of Athabasca Formation . . . . .

Outcrop of Carswell Formation . . . . . 

Locality and sample number of sieve analysis . . . . . 65-58

Generalized sand transport direction in the Athabasca Formation . . . . . 

Shale or siltstone layers in outcrop . . . . . X

Fault . . . . .

Geology by W. F. Fahrig 1957-58

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Figure 1