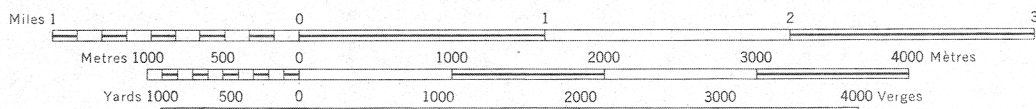


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DEER MOUNTAIN
ALBERTA

WEST OF FIFTH MERIDIAN - OUEST DU CINQUIEME MERIDIEN

SCALE 1:50,000 ÉCHELLE



CONTOUR INTERVAL 50 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection
MAGNETIC DECLINATION 24°57' EAST
AT CENTRE OF MAP 1960
Annual change (decreasing) 5.5

ÉQUIDISTANCE DES COURBES: 50 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Réseau géodésique nord-américain unifié (1927)
Projection transverse de Mercator
DÉCLINAISON MAGNÉTIQUE AU CENTRE
DE LA FEUILLE EN 1960: 24°57' EST
Variation annuelle (décroissant) 5.5

The nomenclature on this map has not been submitted to the Canadian Board on Geographical Names and may be subject to revision. Information on names is invited by the Surveys and Mapping Branch.

La nomenclature de la présente carte n'a pas été soumise à la Commission canadienne des noms géographiques et, par conséquent, elle pourrait faire l'objet d'une révision. Tous renseignements sur les noms seront bien accueillis par la Direction des levés et de la cartographie.

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Building..... Bâtiment..... Barn..... Grange.....
School..... École..... Post Office..... Bureau de poste.....
Church..... Église..... Cemetery..... Cimetière.....
Lighthouse..... Phare.....
River with bridge..... Rivière avec pont.....
Stream, intermittent or dry..... Cours d'eau intermittent ou à sec.....
Lake, intermittent, indefinite..... Lac intermittent, rive imprécise.....
Marsh or Swamp..... Marais ou marécage.....
Depression contours..... Courbes de cuvette.....

NATIONAL TOPOGRAPHIC SYSTEM
SYSTÈME DE RÉFÉRENCE CARTOGRAPHIQUE NATIONAL

LEGEND

⑤ Erosion susceptibility classification

Meltwater channel

Landslide

Oil field roads transversed

Airphoto interpretation and fieldwork
D. A. St-Onge and J. Lengellé

G. S. C. 1973

EROSION SUSCEPTIBILITY CLASSIFICATION
SWAN HILL REGION, ALBERTA

RESISTANCE	SLOPE		
	0-5°	6°-10°	>10°
	Gravel A I Y	A II Z	B III Z
	Till A I X	B II Y	B II Z
Sandstone	A I Y	B III Z	C III Z
	Shale B II Y	C II Z	D III Z

A No gullying
B Very shallow gullying, self arresting
C Deep very dense gullying
D Deep dense gullying and mud flows

Natural Revegetation Rates

Roots & topsoil not removed		Roots & topsoil removed	
I	Will revegetate rapidly	X	
II	Will revegetate slowly	Y	
III	Will not revegetate	Z	

This classification combines the following factors; materials, slopes and revegetation rate; the latter contains two modifiers, deforestation with or without the removal of the top-soil. The result is a 12 category system within which Swan Hills land-forms units can be grouped. The system was kept as unsophisticated as possible so that the map could be readily understood by all users, whether in an office or in the field.

The map defines areas of varying degrees of terrain sensitivity related to deforestation. It is not intended to replace detailed on-site investigations but should, however, be of considerable use in defining the scope and extent of potential problem areas.

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