GEOLOGICAL SURVEY OF CANADA
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83 J/13 W

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CANADA

EDITION 1

83 J/13 W

GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

OPEN FILE
196
MAR, 1974
GEOLOGICAL SURVEY
OTTAWA

LEGEND

(5) Erosion susceptibility classification.

[6] Ground check.

Meltwater channel

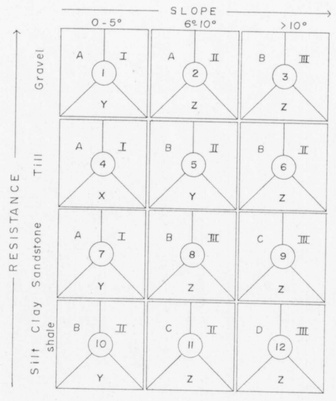
Landslides

Airphoto interpretation and fieldwork D.A. ST Onge and J. Lengellé

G. S. C. 1973

EROSION SUSCEPTIBILITY CLASSIFICATION

SWAN HILL REGION, ALBERTA



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 landforms 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.

Produced and printed by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF MINES AND TECHNICAL SURVEYS, 1961, from air photographs taken in 1954.

Copies may be obtained from the Map Distribution Office, Department of Mines and Technical Surveys, Ottawa, at 25 cents each.

Établie et imprimée par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DES MINES ET DES RELEVÉS TECHNIQUES en 1961, d'après les photographies aériennes prises en 1954.

Ces cartes sont en vente au Bureau de distribution des cartes, ministère des Mines et des Relevés techniques, Ottawa. Prix de l'exemplaire: 25 cents.

WALLACE MOUNTAIN

ALBERTA

WEST OF FIFTH MERIDIAN - OUEST DU CINQUIÈME MÉRIDIEN

SCALE 1:50,000 ÉCHELLE

Miles 1 0 1 2 3 Milles

Metres 1000 500 0 1000 2000 3000 4000 Mètres

Yards 1000 500 0 1000 2000 3000 4000 Verges

CONTOUR INTERVAL 50 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

MAGNETIC DECLINATION 25°18' EAST
AT CENTRE OF MAP 1961
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 1961: 25°18' EST
Variation annuelle (décroissante) 5.5'

Roads / Routes
loose surface, dry weather ... de gravier, période sèche
cart track ... de terre
trail or portage ... sentier ou portage
Railway, normal gauge, single track ... Chemin de fer voie unique (écartement normal)
Power transmission line ... Ligne de transport d'énergie
Mine or Open cut ... Mine ou fosse à ciel ouvert
Horizontal control point, with elevation ... Point géodésique avec cote ... 454
Bench mark, with elevation ... Repère de nivellement avec cote ... BM 157

Building ... Bâtiment
School ... Ecole
Church ... Eglise
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
Barn ... Grange
Post Office ... Bureau de poste
Cemetery ... Cimetière

TABLEAU D'ASSEMBLAGE DU SYSTÈME DE RÉFÉRENCE CARTOGRAPHIQUE NATIONAL

83 N/1 E	83 O/4 W	83 O/4 E
83 K/16 E	83 J/13 W WALLACE MOUNTAIN	83 J/13 E
83 K/9 E	83 J/12 W	83 J/12 E

116°15' 115°30' 55°15' 54°30'

INDEX TO ADJOINING SHEETS OF THE NATIONAL TOPOGRAPHIC SYSTEM

WALLACE MOUNTAIN
83 J/13 W
EDITION 1

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