

References

Dettonio, C., Coking, R.B., Kerr, D.E., Campbell, J.E., Eagles, S., Everett, D.H., Inglis, E., Parent, M., Plafin, A., Robertson, L., Smith, R., and Weatherstone, A., 2018. Surface Data Model: the national language of the integrated Geological Survey of Canada data model for surficial geology maps. *Geological Survey of Canada, Open File 826*, no. 2.3.14, 1 pp. <https://doi.org/10.4095/82618>.

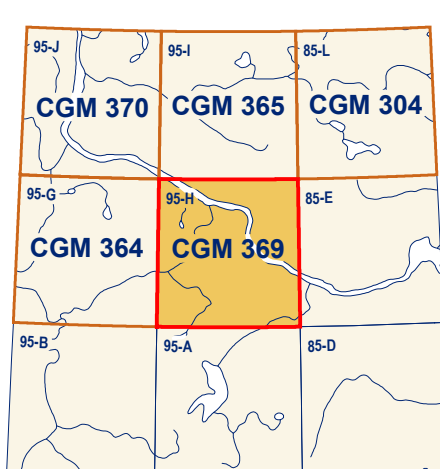
Rutter, N.W., Boydell, A.N., Sangsri, K.W., and van Everdingen, R.O., 1973. Terrain evaluation with respect to pipeline construction. *Macdonald transportation corridor: southern part*, no. 80.64 N: Top Force on Northern Development, Report No. 73-36, Information Canada, Cat. No. 8070373, 266 1502-000-0-01-A.

Rutter, N.W., Minning, G.V., and Nettleton, J.A., 1981. Surficial geology and geomorphology, Fort Simpson, District of Mackenzie, Geological Survey of Canada, Map 3-1978, scale 1:125 000. <https://doi.org/10.4095/19881>.

Abstract
This new surficial geology map product represents the conversion of Map 3-1978 (Rutter et al., 1981) and its legend, using the Geological Survey of Canada's Surface Data Model (SDM version 2.3.14) (Dettonio et al., 2018). All previous knowledge and information from Map 3-1978 that conformed to the current SDM were maintained during the conversion process. Additional material on the original map, consisting of an extensive legend, is not included here. Supplemental, additional legend information was added to complement the converted geoscientific data. This consists of lithology data (Rutter et al., 1973), is identified in the accompanying Map Information Document. The purpose of converting legacy map data to a common science language and common legend is to enable and facilitate the efficient digital compilation, interpretation, management and dissemination of geological map information in a structured and consistent manner. This provides an effective knowledge management tool designed around a geodatabase that can expand, following the type of information to appear on new surficial geology maps.

Résumé

Ce nouveau produit cartographique de la géologie des formations superficielles correspond à la conversion de la Carte 3-1978 (Rutter et al., 1981) et de sa légende, en se servant du Modèle de données pour les formations superficielles (MDFS version 2.3.14) de la Commission géologique du Canada (Dettonio et al., 2018). Toutes les connaissances et l'information de nature géoscientifique de la Carte 3-1978 qui sont en accord avec le MDFS ont été maintenues pendant le processus de conversion. De l'information supplémentaire contenue dans la légende détaillée de la carte originale n'est pas incluse ici. Une quantité limitée de données existantes a été ajoutée au complément aux données géoscientifiques converties. Il s'agit de données de sondages lithologiques de Rutter et al. (1973). Ces données sont identifiées dans le document d'accompagnement intitulé la carte qui accompagne ce produit. Le but de la conversion de cartes publiées antérieurement sous un langage scientifique commun et une légende commune est de permettre et de faciliter la compilation, l'interprétation, la gestion et la diffusion efficace de l'information géologique cartographique en une langue scientifique commune et en un langage commun. Ceci favorise la compilation, l'interprétation, la gestion et la diffusion efficace de l'information géologique cartographique en une langue commune et en un langage commun. Ceci favorise la compilation, l'interprétation, la gestion et la diffusion efficace de l'information géologique cartographique en une langue commune et en un langage commun. Ceci favorise la compilation, l'interprétation, la gestion et la diffusion efficace de l'information géologique cartographique en une langue commune et en un langage commun.



National Topographic System reference and index to adjoining published Geological Survey of Canada maps

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CANADIAN GEOSCIENCE MAP 369
SURFICIAL GEOLOGY
FORT SIMPSON
Northwest Territories
NTS 95-4
1:125 000

Author: Geological Survey of Canada
Geology by N.W. Rutter, G.V. Minning, and J.A. Nettleton, 1973
Geological compilation by R.L. Hawes, 1975
Geology conforms to Surface Data Model v 2.3.14 (Dettonio et al., 2018).
Geological data conversion by D.E. Kerr, 2016, 2017

Geology has been spatially adjusted to fit the updated base.
Geomorphology by S. Eagles, J. Kingley, and C. Stevens
Cartography by E. Everett
Scientific editing by A. Weatherstone
Initiative of the Geological Survey of Canada, conducted under the auspices of Natural Resources Canada's Geo-mapping for Energy and Minerals (GEM) Program

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Map projection: Universal Transverse Mercator, zone 10
North American Datum 1983
Base map at the scale of 1:250 000 from Natural Resources Canada, with modifications
Elevation in metres above mean sea level
Mean magnetic declination 2018, 18°46'E, decreasing 20.3° annually
Readings vary from 1970°F to 1972°F in the NW corner to 1972°F in the SE corner of the map

This map is not to be used for navigational purposes.
The Geological Survey of Canada welcomes corrections or additional information from users.
Data may include additional observations not portrayed on this map. See map info document accompanying the downloaded data for more information about this publication.
This publication is available for free download through GEOBCAN (http://geobase.nrc.ca/)

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Canada