HF2-105

105-A-9 GEOLOGY.

1:50,000

PROVISIONAL MAP
105 A/9
1:50,000

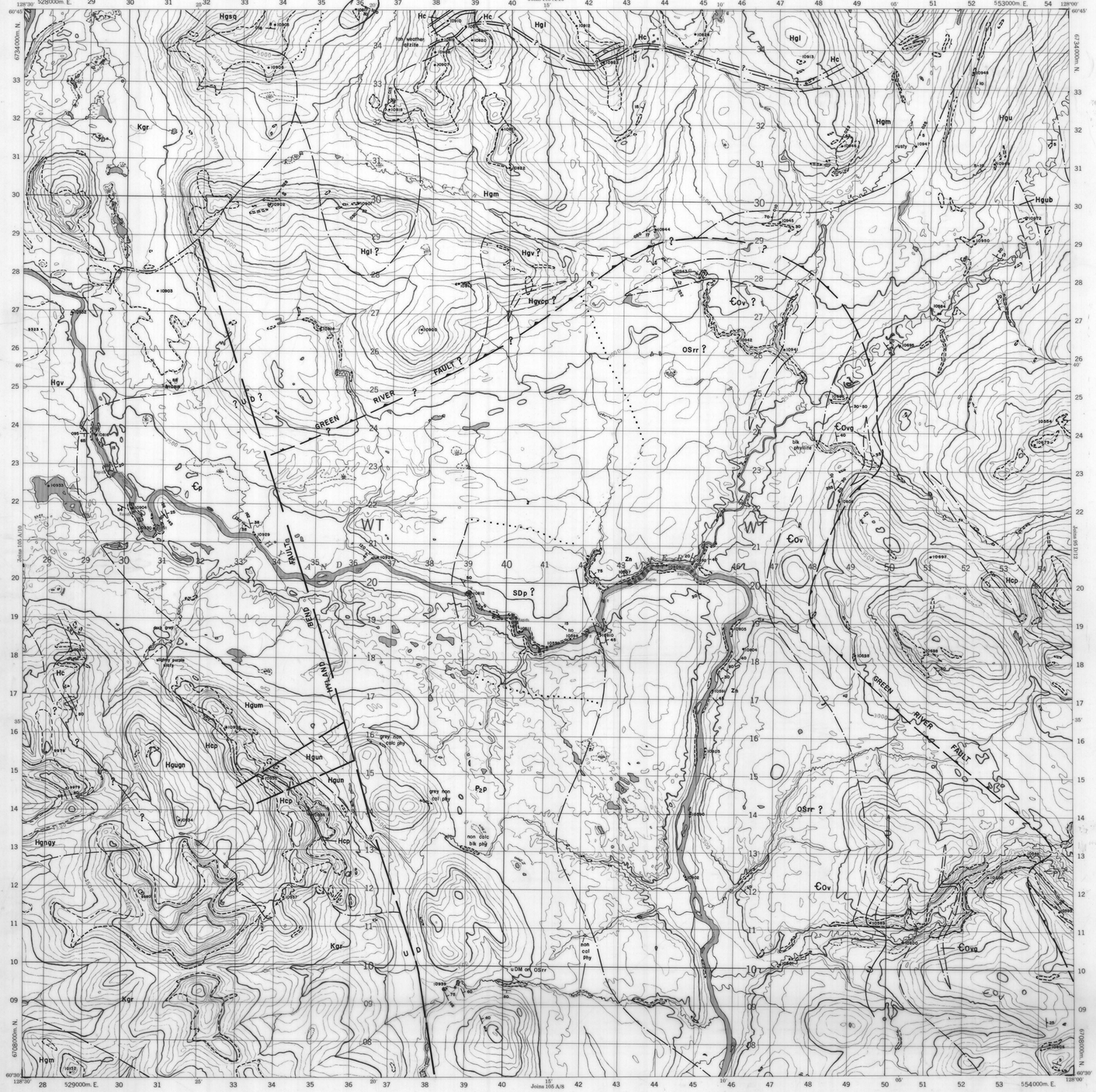
CANADA
EDITION 1
Joins 105 A/16

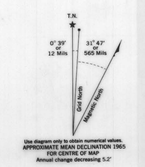
CARTE PROVISOIRE
105 A/9

Same nos on 95E/12

R.do nos. 10597

Refer to this map as: 105 A/9 EDITION 1 MCE SERIES A 722





Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1965
FOR CENTRE OF MAP
Annual change decreasing 5.2'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 9

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
9V	WT

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
THE FOLLOWING GRID REFERENCE IS A SAMPLE ONLY AND DOES NOT REFER TO A POINT ON THIS MAP

REFERENCE POINT	CHURCH (as above)
EASTING Read number on grid line immediately to left of point. Estimate tenths of a square from this line eastward to point	93 .5
NORTHING Read number on grid line immediately below point. Estimate tenths of a square from this line northward to point	98 .4
EXAMPLE MILITARY GRID REFERENCE 979984	

Nearest similar grid reference 200,000 metres (about 62 miles)

LITHOLOGY

CRETACEOUS

Kgr — GRANODIORITE AND QUARTZMONZONITE

MISSISSIPPIAN & OLDER

Pz / **Pz p** — BLACK SHALE AND SILTSTONE – MAY BE PART OF UPPER DEVONIAN – MISSISSIPPIAN BLACK CLASTIC UNIT BUT LACKS THE TYPICAL CHERT CLAST BEARING CLASTICS. PROBABLY INCLUDES SDp AND MAY INCLUDE OSrr AND POSSIBLY EVEN Hgm LOCALLY.

SILURIAN & DEVONIAN

D / **SDp** — NONCALCAREOUS THINLY BEDDED AND COMMONLY BURROW MOTTLED MEDIUM TO DARK GREY PHYLLITE WITH THIN LIGHT WEATHERING BEDS OF DOLOMITIC QUARTZITE, DOLOMITIC BASINAL EQUIVALENT OF ASKIN €p ?

ORDOVICIAN & SILURIAN ?

ROAD RIVER GROUP

OSrr — THIN BEDDED BLACK PHYLLITE AND BLACK LIMESTONE MINOR SILICEOUS AND POSSIBLY SILTY NON CALCAREOUS PHYLLITE

CAMBRIAN & ORDOVICIAN

VANGORDA FORMATION

€Ov — CALCAREOUS MEDIUM GREY PHYLLITE AND PHYLLITIC LIMESTONE. TYPICALLY WEATHERS DRUSY LIGHT GREY OR TAN – EQUIVALENT TO RABBITKETTLE FM. TO EAST

LOWER CAMBRIAN

MT. MYE FORMATION

€p — THINLY BEDDED GREY AND MUCH LESSER DULL OLIVE GREEN PHYLLITC, NON CALCAREOUS, MINOR QUARTZ WACKE.

HYDRYNIAN – LOWER CAMBRIAN ?

UPPER "GRIT UNIT"

Hgu — UNDIFFERENTIATED: MAINLY GREEN PHYLLITE AND GRIT

Hgum — OLIVE GREEN PHYLLITE WITH LENTICULARLY INTERBEDDED PURPLISH GREY, MAROON AND BRICK RED PHYLLITE, LESSER QUARTZITE AND GRIT.

Hcp — PLATY BLACK TO DARK GREY LIMESTONE, LOCALLY SANDY.

Hgugn — THIN BEDDED OLIVE GREEN AND MEDIUM GREY PHYLLITE CHARACTERISTICALLY WITH INTERBEDDED CALCAREOUS QUARTZITE AND QUARTZ + FELDSPAR GRIT TO PEBBLE CONGLOMERATE.

Hgub — MAFIC METAVOLCANIC ROCKS.

MIDDLE "GRIT UNIT"

Hgm — MEDIUM TO DARK GREY AND MUCH LESSER BLACK NON CALCAREOUS PHYLLITE, LESSER NON CALCAREOUS QUARTZITE AND GRIT, MINOR MARBLE. FOCAL DETRITAL MICA IN PHYLLITES. EQUIVALENT TO SHEEPBED FORMATION. ?

LOWER "GRIT UNIT"

Hgl — GREEN PHYLLITE AND VARIABLY CALCAREOUS QUARTZITE AND GRIT, MARBLE AND SANDY MARBLE.

NOTES

GREEN RIVER
NTS 105 A-9

GREEN RIVER
YUKON TERRITORY

Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

inches 0 1 2
centimetres 0 1 2 3 4 5

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will print correctly as long as the image, therefore it can be used as a reference for the original size.

Produced, 1968, by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, from aerial photographs taken in 1960-61. Field surveys 1960. Printed 1970.

Copies may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa.

This Provisional Map is equivalent to a standard map in accuracy of content.

Some names on this map are not yet official. Corrections or additions are invited by the Surveys and Mapping Branch.

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

Cette carte provisoire équivaut une carte régulière au point de vue précision de l'information.

Certains noms inscrits sur cette carte ne sont pas encore officiels. La Direction des levés et de la cartographie saurait gré au public de lui signaler corrections et additions.

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Niveau de référence nord-américain 1927
Projection transverse de Mercator

Publiée en 1968, par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, d'après des photographies aériennes prises en 1960-61. Levés sur le terrain en 1960. Imprimée en 1970.

Ces cartes sont en vente au Bureau de distribution des cartes, ministère de l'Énergie, des Mines et des Ressources, Ottawa.

105 A/9
EDITION 1

105 A 15	105 A 16	95 D 11
105 A 10 STEWART LAKE	105 A 9 GREEN RIVER	95 D 12 HULSE LAKE
105 A 7 TOM LAKE	105 A 8 SUNRISE CREEK	95 D 5 ACKLAND CREEK

CYPRUS ANVIL MINING CORPORATION

MACMILLAN PROJECT (ANMAC)

YUKON TERRITORY

GEOLOGICAL MAP

U09232

GREEN RIVER

N.T.S. 105-A-9
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DRAWN BY: rwr/clc.

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