CYPRUS ANVIL MINING CORPORATION

CONODONT LOCATION DATA

By: J. P. Franzen.

May 26, 1978. 015086

CYPRUS ANVIL MINING CORPORATION

CONODONT LOCATION DATA

May 26, 1978.

1977 ANVIL RANGE CONODONT SAMPLES

SAMPLE	LATITUDE	LONGITUDE	MAP NUMBER	LITHOSTRATIGRAPHIC UNIT
2520	62° 33' 19"	133° 55' 03"	105 K - 12	3E
2382	62° 20' 15"	133° 39' 10"	105 K - 5	9B
2381	62° 20' 17"	133° 39' 06"	105 K - 5	9B
3315	62° 27' 44"	133° 19' 05"	105 K - 6	5D
3706	62° 06' 36"	132° 51' 48"	105 K - 2	9
2759	62° 36' 06"	133° 52' 04"	105 K - 12	3E
2350	62° 15' 25"	133° 19' 51"	105 K - 6	9E
2402	62° 20' 44"	133° 41' 30"	105 K - 5	9B
2956	62° 27' 10"	134° 03' 03"	105 L - 8	6A
2312	62° 13' 13"	133° 14' 55"	105 K - 3	8

***NOTE: On 1:50,000 Map Sheets samples circled in BLUE refer to samples collected in 1977.

Those circled in RED refer to analysed 1976 samples.

ANVIL RANGE LITHOSTRATIGRAPHIC CODE
1977 CONODONT SAMPLES

Sample	Code	Unit	Formation	Group	Age
	11Q	BULL QUARTZ VEIN, POD		Intrusive Rocks	L U Cretaceous
	11G	PYROXENITE AND SERPENTINIZED EQUIVALENTS			
	11F	SMOKEY QUARTZ - FELDSPAR PORPHYRY			
	11E	PORPHYRITIC HB - BIO QUARTZ DIORITE			
	11D	EQUIGRANULAR HB - BIO QUARTZ DIORITE			
	11C	QUARTZ MONZONITE PEGMATITE DIKES			
	11B	PORPHYRITIC, BIOTITE - QUARTZ MONZONITE			
	11A	MUSCOVITE - BIOTITE GRANODIORITE			
	10	UNDIFFERENTIATED POLYMICTIC CONGLOMERATE	Pelly Formation	Triassic Flysch Assemblage	M. Triassic U. Triassic
	9H	GRAYWACKE, SHALE, MINOR CONGLOMERATE			
	9G	THICKBEDDED SILTSTONE			
	9F	FLYSCH FACIES GRAYWACKE AND SHALE			
3706, 2350--	9E	BASALTIC GRAYWACKES AND ARGILLACEOUS CHERTS		Triassic "Magmatic Arc" Assemblage	
	9D	BASALT FLOWS			
	9C	VARICOLORED RIBBON CHERTS AND NON - CALCAROUS PHYLLITE			
2402, 2381, 2382--	9B	INTERBEDDED CARBONACEOUS LIMESTONE AND GRAPHITIC PHYLLITE			
	9A	RUSTY WEATHERING, FINE GRAINED, POLYMICITIC CONGLOMERATE			
2312 8H --	8G	ECLOGITE		Vangorda Creek Ultramafic Complex	
	8F	BASALT			
	8E	HARZBURGITE			
	8D	DIABASE			
	8C	GABBRO			
	8B	RODINGITE			
	8A	SERPENTINITE			
	7A	MASSIVE AND FRAGMENTAL BASALT FLOWS		Anvil Range Group	U. Pa L. Permian
	6I	CALC - SILICATE PHYLLITE / ARGILLITE	Rose Creek Formation	Earn Group	M. Devonian M. U. Devonian
	6H	TUFF TO TUFFACEOUS CHERT			
	6G	MAROON CHERT			
	6F	VARICOLOURED PHYLLITIC CHERT / QUARTZITE			
	6E	MARBLE / PHYLLITIC MARBLE	Kalzas Formation		
	6D	BARITE - 2			
	6C	CHERT GRANULE / PEBBLE CONGLOMERATE / QUARTZITE	Crystal Peak Formation		
	6B	BARITE - 1			
2956--	6A	CARBONACEOUS TO GRAPHITIC, GREY SILICEOUS ARGILLITE / PHYLLITE	Pisswick Pond Formation		
	5I	CARBONACEOUS TO GRAPHITIC, ARGILLITE / PHYLLITE	Vangorda Formation	Kechika Group	M. Ordovician / M. Cambrian
	5H	AMYGDALOIDAL CHLORITIC PHYLLITE			
	5G	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE			
	5F	CHLORITIC PHYLLITE			
	5E	PHYLLITIC MARBLE AND SILICATED MARBLE			
3315--	5D	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE			
	5C	METABASITE			
	5B	CALCAREOUS MUSCOVITE CHLORITE ± BIOTITE PHYLLITE			
	5A	VARIABLY CALCAREOUS, GRAPHITIC PHYLITE HOST TO UNIT 4			
	4	GRUM, VANGORDA, DY, FIRTH, SWIM, SB, SEA SULPHIDE DEPOSITS UNDIFFERENTIATED			
	3I	GRAPHITIC QUARTZITE IN NON - CALCAREOUS PHYLLITE / SCHIST	Mt. Mye Formation		
	3H	TUFFACEOUS CALC - SILICATE PHYLLITE / SCHIST (ASSOCIATED WITH 3D)			
	3G	NON - CALCAREOUS, MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST, UNDIFFERENTIATED			
2759, 2520--	3F	MARBLE AND SILICATED MARBLE			
	3E	GRAPHITIC PHYLLITE / SCHIST			
	3D	CALC - SILICATE PHYLLITE / SCHIST			
	3C	METABASITE			
	3B	CHLORITIC PHYLLITE / SCHIST			
	3A	TRANSITION ZONE WITH UNIT 1			
	2	FARO SULPHIDE DEPOSIT UNDIFFERENTIATED	Faro Formation	Atan Group	
	1G	MARBLE AND SILICATED MARBLE			
	1F	METABASITE			
	1E	GRAPHITIC SCHIST			
	1D	CARBONACEOUS, BIOTITE - MUSCOVITE - ANDALUSITE SCHIST			
	1C	QUARTZO - FELDSPATHIC, BIOTITE MUSCOVITE GNEISS / SCHIST			
	1B	TACTITE AND SILICATED MARBLE			
	1A	UNDIFFERENTIATED UNIT 1			
	0G	ECLOGITE		Mt. Pike Group (Klondike Schist ?) (Englishman's Group ?)	Hadrynian ? Devono - Mississippian ?
	0F	SERPENTINIZED ULTRAMAFIC METABASITE			
	0E	METABASITE			
	0D	GRAPHITIC PHYLLITE / SCHIST			
	0C	VARIABLY CALCAREOUS MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST			
	0B	VARIABLY CARBONACEOUS, CALCAREOUS QUARTZITES / GRITS			
	0A	UNDIFFERENTIATED UNIT 0			

G. A. JILSON 1977 NORTH ANVIL RANGE CONODONT SAMPLES

SAMPLE	LATITUDE	LONGITUDE	MAP NUMBER	LITHOSTRATIGRAPHIC UNIT
478	62° 29' 13"	133° 04' 12"	105 K - 6	ꞒO$_1$
18	62° 26' 31"	133° 00' 55"	105 K - 6	ꞒObv$_3$
345	62° 28' 35"	133° 07' 34"	105 K - 6	ꞒObx$_1$
343	62° 28' 47"	133° 07' 25"	105 K - 6	ꞒO$_1$
330	62° 28' 41"	133° 06' 01"	105 K - 6	ꞒO$_1$
61	62° 27' 58"	132° 59' 03"	105 K - 7	DMe (6E)
240	62° 24' 54"	133° 00' 22"	105 K - 6	ꞒDv
185	62° 26' 25"	132° 56' 25"	105 K - 7	ꞒObv$_3$?
372	62° 28' 10"	133° 09' 20"	105 K - 6	ꞒOv ?
373	62° 28' 04"	133° 09' 14"	105 K - 6	ꞒOv ?
451	62° 31' 08"	133° 06' 24"	105 K - 11	DMe (6A)

***NOTE: Units not yet assigned to Anvil Range Lithostratigraphic Code.

1976 ANVIL RANGE CONODONT SAMPLES

SAMPLE	LATITUDE	LONGITUDE	MAP NUMBER	LITHOSTRATIGRAPHIC UNIT
NA 22	62° 29'	133° 19'	105 K - 6	5B
26B	62° 25.3'	133° 13'	105 K - 6	5E
27B	62° 25'	133° 06.5'	105 K - 6	3F/5E
28A	62° 23.7'	133° 00'	105 K - 6	3F
30A	62° 22.4'	132° 59'	105 K - 7	3F
31	62° 28.7'	133° 06'	105 K - 6	ЄO_1
32	62° 25.7'	133° 10'	105 K - 6	5E
NS 30	62° 13.4'	132° 51.5'	105 K - 2	5B
0 - 2	62° 08.9'	132° 47'	105 K - 2	3F
76 - 0 - 7	62° 14'	132° 43'	105 K - 2	5A
C - 1	62° 12.2'	132° 55'	105 K - 2	5B

ANVIL RANGE LITHOSTRATIGRAPHIC CODE

1976 CONODONT SAMPLES

Samples	Code	Lithology	Formation	Group / Assemblage	Age
	11Q	BULL QUARTZ VEIN, POD		Intrusive Rocks	L U Cretaceous
	11G	PYROXENITE AND SERPENTINIZED EQUIVALENTS			
	11F	SMOKEY QUARTZ - FELDSPAR PORPHYRY			
	11E	PORPHYRITIC HB - BIO QUARTZ DIORITE			
	11D	EQUIGRANULAR HB - BIO QUARTZ DIORITE			
	11C	QUARTZ MONZONITE PEGMATITE DIKES			
	11B	PORPHYRITIC, BIOTITE - QUARTZ MONZONITE			
	11A	MUSCOVITE - BIOTITE GRANODIORITE			
	10	UNDIFFERENTIATED POLYMICTIC CONGLOMERATE	Pelly Formation	Triassic Flysch Assemblage	M. Triassic U. Triassic
	9H	GRAYWACKE, SHALE, MINOR CONGLOMERATE			
	9G	THICKBEDDED SILTSTONE			
	9F	FLYSCH FACIES GRAYWACKE AND SHALE			
	9E	BASALTIC GRAYWACKES AND ARGILLACEOUS CHERTS		Triassic "Magmatic Arc" Assemblage	
	9D	BASALT FLOWS			
	9C	VARICOLORED RIBBON CHERTS AND NON - CALCAROUS PHYLLITE			
	9B	INTERBEDDED CARBONACEOUS LIMESTONE AND GRAPHITIC PHYLLITE			
	9A	RUSTY WEATHERING, FINE GRAINED, POLYMICITIC CONGLOMERATE			
	8G	ECLOGITE		Vangorda Creek Ultramafic Complex	
	8F	BASALT			
	8E	HARZBURGITE			
	8D	DIABASE			
	8C	GABBRO			
	8B	RODINGITE			
	8A	SERPENTINITE			
	7A	MASSIVE AND FRAGMENTAL BASALT FLOWS		Anvil Range Group	
	6I	CALC - SILICATE PHYLLITE / ARGILLITE	Rose Creek Formation	Earn Group	
	6H	TUFF TO TUFFACEOUS CHERT			
	6G	MAROON CHERT			
	6F	VARICOLOURED PHYLLITIC CHERT / QUARTZITE			
	6E	MARBLE / PHYLLITIC MARBLE	Kalzas Formation		U. Pa L. Permian
	6D	BARITE - 2			
	6C	CHERT GRANULE / PEBBLE CONGLOMERATE / QUARTZITE	Crystal Peak Formation		
	6B	BARITE - 1			
	6A	CARBONACEOUS TO GRAPHITIC, GREY SILICEOUS ARGILLITE / PHYLLITE	Pisswick Pond Formation		M. Devonian M. U. Devonian
	5I	CARBONACEOUS TO GRAPHITIC, ARGILLITE / PHYLLITE	Vangorda Formation	Kechika Group	
	5H	AMYGDALOIDAL CHLORITIC PHYLLITE			
	5G	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE			
	5F	CHLORITIC PHYLLITE			
NA27B, NA26B-- NA32	5E	PHYLLITIC MARBLE AND SILICATED MARBLE			
	5D	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE			
	5C	METABASITE			
C1, NS30, NA22---	5B	CALCAREOUS MUSCOVITE CHLORITE ± BIOTITE PHYLLITE			
7607--	5A	VARIABLY CALCAREOUS, GRAPHITIC PHYLITE HOST TO UNIT 4			
	4	GRUM, VANGORDA, DY, FIRTH, SWIM, SB, SEA SULPHIDE DEPOSITS UNDIFFERENTIATED			
	3I	GRAPHITIC QUARTZITE IN NON - CALCAREOUS PHYLLITE / SCHIST	Mt. Mye Formation		
	3H	TUFFACEOUS CALC - SILICATE PHYLLITE / SCHIST (ASSOCIATED WITH 3D)			
	3G	NON - CALCAREOUS, MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST, UNDIFFERENTIATED			
NA28A, NA30A-- NA27B, 02	3F	MARBLE AND SILICATED MARBLE			
	3E	GRAPHITIC PHYLLITE / SCHIST			
	3D	CALC - SILICATE PHYLLITE / SCHIST			
	3C	METABASITE			
	3B	CHLORITIC PHYLLITE / SCHIST			
	3A	TRANSITION ZONE WITH UNIT 1			
	2	FARO SULPHIDE DEPOSIT UNDIFFERENTIATED	Faro Formation	Atan Group	M. Ordovician/ M. Cambrian
	1G	MARBLE AND SILICATED MARBLE			
	1F	METABASITE			
	1E	GRAPHITIC SCHIST			
	1D	CARBONACEOUS, BIOTITE - MUSCOVITE - ANDALUSITE SCHIST			
	1C	QUARTZO - FELDSPATHIC, BIOTITE MUSCOVITE GNEISS / SCHIST			
	1B	TACTITE AND SILICATED MARBLE			
	1A	UNDIFFERENTIATED UNIT 1			
	0G	ECLOGITE		Mt. Pike Group (Klondike Schist ?) (Englishman's Group ?)	Hadrynian ? Devono - Mississippian ?
	0F	SERPENTINIZED ULTRAMAFIC METABASITE			
	0E	METABASITE			
	0D	GRAPHITIC PHYLLITE / SCHIST			
	0C	VARIABLY CALCAREOUS MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST			
	0B	VARIABLY CARBONACEOUS, CALCAREOUS QUARTZITES / GRITS			
	0A	UNDIFFERENTIATED UNIT 0			

1976 ANVIL RANGE CONODONT SAMPLES

SAMPLE	LATITUDE	LONGITUDE	MAP NUMBER	LITHOSTRATIGRAPHIC UNIT
1772	62° 13' 20"	133° 07' 05"	105 K - 3	5C
1203	62° 14' 16"	133° 07' 29"	105 K - 3	5B
1148	62° 14' 27"	133° 10' 59"	105 K - 3	5A
1216	62° 12' 56"	133° 08' 26"	105 K - 3	5D
76X11	62° 15' 41"	133° 13' 41"	105 K - 6	5B
1923	62° 13' 29"	133° 08' 39"	105 K - 3	5G
1100	62° 14' 31"	133° 16' 12"	105 K - 3	6A
1717	62° 15' 28"	133° 14' 32"	105 K - 6	5E
1625a	62° 18' 43"	133° 26' 08"	105 K - 6	6A
1690	62° 16' 02"	133° 13' 39"	105 K - 6	5A
1916	62° 16' 43"	133° 13' 32"	105 K - 6	5B
1307	62° 14' 24"	133° 10' 00"	105 K - 3	3G

ANVIL RANGE LITHOSTRATIGRAPHIC CODE

1976 CONODONT SAMPLES

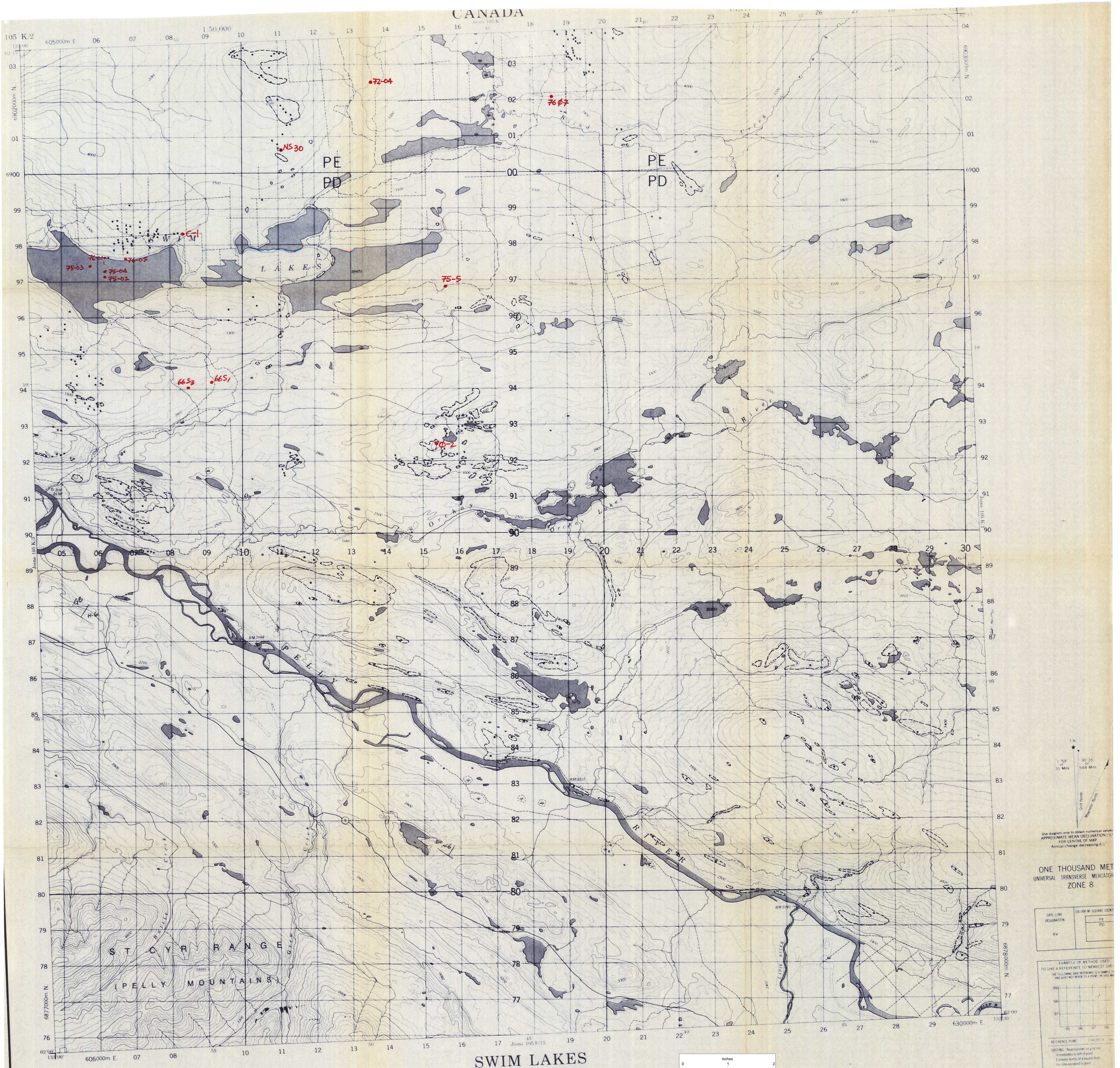
	11O	BULL QUARTZ VEIN, POD		Intrusive Rocks	L U Cretaceous
	11G	PYROXENITE AND SERPENTINIZED EQUIVALENTS			
	11F	SMOKEY QUARTZ - FELDSPAR PORPHYRY			
	11E	PORPHYRITIC HB - BIO QUARTZ DIORITE			
	11D	EQUIGRANULAR HB - BIO QUARTZ DIORITE			
	11C	QUARTZ MONZONITE PEGMATITE DIKES			
	11B	PORPHYRITIC, BIOTITE - QUARTZ MONZONITE			
	11A	MUSCOVITE - BIOTITE GRANODIORITE			
	10	UNDIFFERENTIATED POLYMICTIC CONGLOMERATE	Pelly Formation		
	9H	GRAYWACKE, SHALE, MINOR CONGLOMERATE		Triassic Flysch Assemblage	M. Triassic U. Triassic
	9G	THICKBEDDED SILTSTONE			
	9F	FLYSCH FACIES GRAYWACKE AND SHALE			
	9E	BASALTIC GRAYWACKES AND ARGILLACEOUS CHERTS		Triassic "Magmatic Arc" Assemblage	
	9D	BASALT FLOWS			
	9C	VARICOLORED RIBBON CHERTS AND NON - CALCAROUS PHYLLITE			
	9B	INTERBEDDED CARBONACEOUS LIMESTONE AND GRAPHITIC PHYLLITE			
	9A	RUSTY WEATHERING, FINE GRAINED, POLYMICITIC CONGLOMERATE			
	8G	ECLOGITE		Vangorda Creek Ultramafic Complex	
	8F	BASALT			
	8E	HARZBURGITE			
	8D	DIABASE			
	8C	GABBRO			
	8B	RODINGITE			
	8A	SERPENTINITE			
	7A	MASSIVE AND FRAGMENTAL BASALT FLOWS		Anvil Range Group	U. Pa L. Permian
	6I	CALC - SILICATE PHYLLITE / ARGILLITE	Rose Creek Formation	Earn Group	M. Devonian M. U. Devonian
	6H	TUFF TO TUFFACEOUS CHERT			
	6G	MAROON CHERT			
	6F	VARICOLOURED PHYLLITIC CHERT / QUARTZITE			
	6E	MARBLE / PHYLLITIC MARBLE	Kalzas Formation		
	6D	BARITE - 2			
	6C	CHERT GRANULE / PEBBLE CONGLOMERATE / QUARTZITE	Crystal Peak Formation		
	6B	BARITE - 1			
1625, 1100--	6A	CARBONACEOUS TO GRAPHITIC, GREY SILICEOUS ARGILLITE / PHYLLITE	Pisswick Pond Formation		
	5I	CARBONACEOUS TO GRAPHITIC, ARGILLITE / PHYLLITE	Vangorda Formation	Kechika Group	M. Ordovician/ M. Cambrian
	5H	AMYGDALOIDAL CHLORITIC PHYLLITE			
1923--	5G	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE			
	5F	CHLORITIC PHYLLITE			
1717--	5E	PHYLLITIC MARBLE AND SILICATED MARBLE			
1216--	5D	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE			
1772—	5C	METABASITE			
1916, 76X11-- 1203	5B	CALCAREOUS MUSCOVITE CHLORITE ± BIOTITE PHYLLITE			
1690, 1148	5A	VARIABLY CALCAREOUS, GRAPHITIC PHYLITE HOST TO UNIT 4			
	4	GRUM, VANGORDA, DY, FIRTH, SWIM, SB, SEA SULPHIDE DEPOSITS UNDIFFERENTIATED			
	3I	GRAPHITIC QUARTZITE IN NON - CALCAREOUS PHYLLITE / SCHIST	Mt. Mye Formation		
	3H	TUFFACEOUS CALC - SILICATE PHYLLITE / SCHIST (ASSOCIATED WITH 3D)			
1307--	3G	NON - CALCAREOUS, MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST, UNDIFFERENTIATED			
	3F	MARBLE AND SILICATED MARBLE			
	3E	GRAPHITIC PHYLLITE / SCHIST			
	3D	CALC - SILICATE PHYLLITE / SCHIST			
	3C	METABASITE			
	3B	CHLORITIC PHYLLITE / SCHIST			
	3A	TRANSITION ZONE WITH UNIT 1			
	2	FARO SULPHIDE DEPOSIT UNDIFFERENTIATED	Faro Formation	Atan Group	
	1G	MARBLE AND SILICATED MARBLE			
	1F	METABASITE			
	1E	GRAPHITIC SCHIST			
	1D	CARBONACEOUS, BIOTITE - MUSCOVITE - ANDALUSITE SCHIST			
	1C	QUARTZO - FELDSPATHIC, BIOTITE MUSCOVITE GNEISS / SCHIST			
	1B	TACTITE AND SILICATED MARBLE			
	1A	UNDIFFERENTIATED UNIT 1			
	0G	ECLOGITE		Mt. Pike Group (Klondike Schist ?) (Englishman's Group ?)	Hadrynian ? Devono - Mississippian ?
	0F	SERPENTINIZED ULTRAMAFIC METABASITE			
	0E	METABASITE			
	0D	GRAPHITIC PHYLLITE / SCHIST			
	0C	VARIABLY CALCAREOUS MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST			
	0B	VARIABLY CARBONACEOUS, CALCAREOUS QUARTZITES / GRITS			
	0A	UNDIFFERENTIATED UNIT 0			

1976 ANVIL RANGE CONODONT SAMPLES

SAMPLE	LATITUDE	LONGITUDE	MAP NUMBER	LITHOSTRATIGRAPHIC UNIT
75 - 02	62° 12'	132° 55'	105 K - 2	5B
75 - 03	62° 12'	132° 55'	105 K - 2	5B
75 - 04	62° 12'	132° 55'	105 K - 2	5B
75 - 05	62° 12'	132° 55'	105 K - 2	5B
76 - 01	62° 12'	132° 55'	105 K - 2	5B
76 - 05	62° 12'	132° 55'	105 K - 2	5B
X72 - 06	62° 13'	132° 55'	105 K - 2	5B
CED72 - 04	62° 14'	132° 49'	105 K - 2	5B
66 - S3	62° 11'	132° 53'	105 K - 2	5B
66 - S1	62° 11'	132° 53'	105 K - 2	5B

ANVIL RANGE LITHOSTRATIGRAPHIC CODE
1976 CONODONT SAMPLES

Samples	Code	Description	Formation	Group / Assemblage	Age
	11Q	BULL QUARTZ VEIN, POD		Intrusive Rocks	L U Cretaceous
	11G	PYROXENITE AND SERPENTINIZED EQUIVALENTS			
	11F	SMOKEY QUARTZ - FELDSPAR PORPHYRY			
	11E	PORPHYRITIC HB - BIO QUARTZ DIORITE			
	11D	EQUIGRANULAR HB - BIO QUARTZ DIORITE			
	11C	QUARTZ MONZONITE PEGMATITE DIKES			
	11B	PORPHYRITIC, BIOTITE - QUARTZ MONZONITE			
	11A	MUSCOVITE - BIOTITE GRANODIORITE			
	10	UNDIFFERENTIATED POLYMICTIC CONGLOMERATE	Pelly Formation	Triassic Flysch Assemblage	M. Triassic U. Triassic
	9H	GRAYWACKE, SHALE, MINOR CONGLOMERATE			
	9G	THICKBEDDED SILTSTONE			
	9F	FLYSCH FACIES GRAYWACKE AND SHALE			
	9E	BASALTIC GRAYWACKES AND ARGILLACEOUS CHERTS		Triassic "Magmatic Arc" Assemblage	
	9D	BASALT FLOWS			
	9C	VARICOLORED RIBBON CHERTS AND NON - CALCAROUS PHYLLITE			
	9B	INTERBEDDED CARBONACEOUS LIMESTONE AND GRAPHITIC PHYLLITE			
	9A	RUSTY WEATHERING, FINE GRAINED, POLYMICITIC CONGLOMERATE			
	8G	ECLOGITE		Vangorda Creek Ultramafic Complex	
	8F	BASALT			
	8E	HARZBURGITE			
	8D	DIABASE			
	8C	GABBRO			
	8B	RODINGITE			
	8A	SERPENTINITE			
	7A	MASSIVE AND FRAGMENTAL BASALT FLOWS		Anvil Range Group	U. Pa L. Permian
	6I	CALC - SILICATE PHYLLITE / ARGILLITE	Rose Creek Formation	Earn Group	
	6H	TUFF TO TUFFACEOUS CHERT			
	6G	MAROON CHERT			
	6F	VARICOLOURED PHYLLITIC CHERT / QUARTZITE			
	6E	MARBLE / PHYLLITIC MARBLE	Kalzas Formation		
	6D	BARITE - 2			
	6C	CHERT GRANULE / PEBBLE CONGLOMERATE / QUARTZITE	Crystal Peak Formation		
	6B	BARITE - 1			M. Devonian M. U. Devonian
	6A	CARBONACEOUS TO GRAPHITIC, GREY SILICEOUS ARGILLITE / PHYLLITE	Pisswick Pond Formation		
	5I	CARBONACEOUS TO GRAPHITIC, ARGILLITE / PHYLLITE	Vangorda Formation	Kechika Group	M. Ordovician/ M. Cambrian
	5H	AMYGDALOIDAL CHLORITIC PHYLLITE			
	5G	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE			
	5F	CHLORITIC PHYLLITE			
	5E	PHYLLITIC MARBLE AND SILICATED MARBLE			
	5D	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE			
	5C	METABASITE			
7607, NS30, Cl--	5B	CALCAREOUS MUSCOVITE CHLORITE ± BIOTITE PHYLLITE			
	5A	VARIABLY CALCAREOUS, GRAPHITIC PHYLITE HOST TO UNIT 4			
	4	GRUM, VANGORDA, DY, FIRTH, SWIM, SB, SEA SULPHIDE DEPOSITS UNDIFFERENTIATED			
	3I	GRAPHITIC QUARTZITE IN NON - CALCAREOUS PHYLLITE / SCHIST	Mt. Mye Formation		
	3H	TUFFACEOUS CALC - SILICATE PHYLLITE / SCHIST (ASSOCIATED WITH 3D)			
	3G	NON - CALCAREOUS, MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST, UNDIFFERENTIATED			
	3F	MARBLE AND SILICATED MARBLE			
	3E	GRAPHITIC PHYLLITE / SCHIST			
75-02, 03, 04, 05 76-01, 05 X72-06 CED 72-04 66-S3, 66-Sl 0-2	3D	CALC - SILICATE PHYLLITE / SCHIST			
	3C	METABASITE			
	3B	CHLORITIC PHYLLITE / SCHIST			
	3A	TRANSITION ZONE WITH UNIT 1			
	2	FARO SULPHIDE DEPOSIT UNDIFFERENTIATED	Faro Formation	Atan Group	
	1G	MARBLE AND SILICATED MARBLE			
	1F	METABASITE			
	1E	GRAPHITIC SCHIST			
	1D	CARBONACEOUS, BIOTITE - MUSCOVITE - ANDALUSITE SCHIST			
	1C	QUARTZO - FELDSPATHIC, BIOTITE MUSCOVITE GNEISS / SCHIST			
	1B	TACTITE AND SILICATED MARBLE			
	1A	UNDIFFERENTIATED UNIT 1			
	0G	ECLOGITE		Mt. Pike Group (Klondike Schist ?) (Englishman's Group ?)	Hadrynian ? Devono - Mississippian ?
	0F	SERPENTINIZED ULTRAMAFIC METABASITE			
	0E	METABASITE			
	0D	GRAPHITIC PHYLLITE / SCHIST			
	0C	VARIABLY CALCAREOUS MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST			
	0B	VARIABLY CARBONACEOUS, CALCAREOUS QUARTZITES / GRITS			
	0A	UNDIFFERENTIATED UNIT 0			


CANADA
105 K/2
1:50,000
605000m E.
6902000m N.
6900
Joins 105 K/7
Joins 105 K/3
Joins 105 K/1
Joins 105 F/15
PE
PD
S W I M
L A K E S
Blind Creek
Orchay Lakes
Orchay River
P E L L Y
R I V E R
ST CYR RANGE
(PELLY MOUNTAINS)
Esker
72-04
7607
NS30
C-1
76-01
76-05
75-03
75-04
75-02
75-5
66S3
66S1
0-2
G6
H-6
H-6
630000m E.
6878000m N.
687000m N.
606000m E.
T.N.
1 59′ or 35 Mils
30 35′ or 544 Mils
Grid North
Magnetic North
Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 19
FOR CENTRE OF MAP
Annual change decreasing 4.1′
ONE THOUSAND MET
UNIVERSAL TRANSVERSE MERCATOR
ZONE 8
GRID ZONE DESIGNATION
8V
100 000 M. SQUARE IDENT
PE
PD
EXAMPLE OF METHOD USED
TO GIVE A REFERENCE TO NEAREST 100
THE FOLLOWING GRID REFERENCE IS A SAMPLE
AND DOES NOT REFER TO A POINT ON THIS MA
REFERENCE POINT
CHURCH
EASTING Read number on grid line immediately to left of point
Estimate tenths of a square from this line eastward to point
NORTHING Read number on grid line immediately below point
Estimate tenths of a square from this line northward to point
EXAMPLE MILITARY GRID REFERENCE
Nearest similar grid reference 100 000 metres

SWIM LAKES
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
0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

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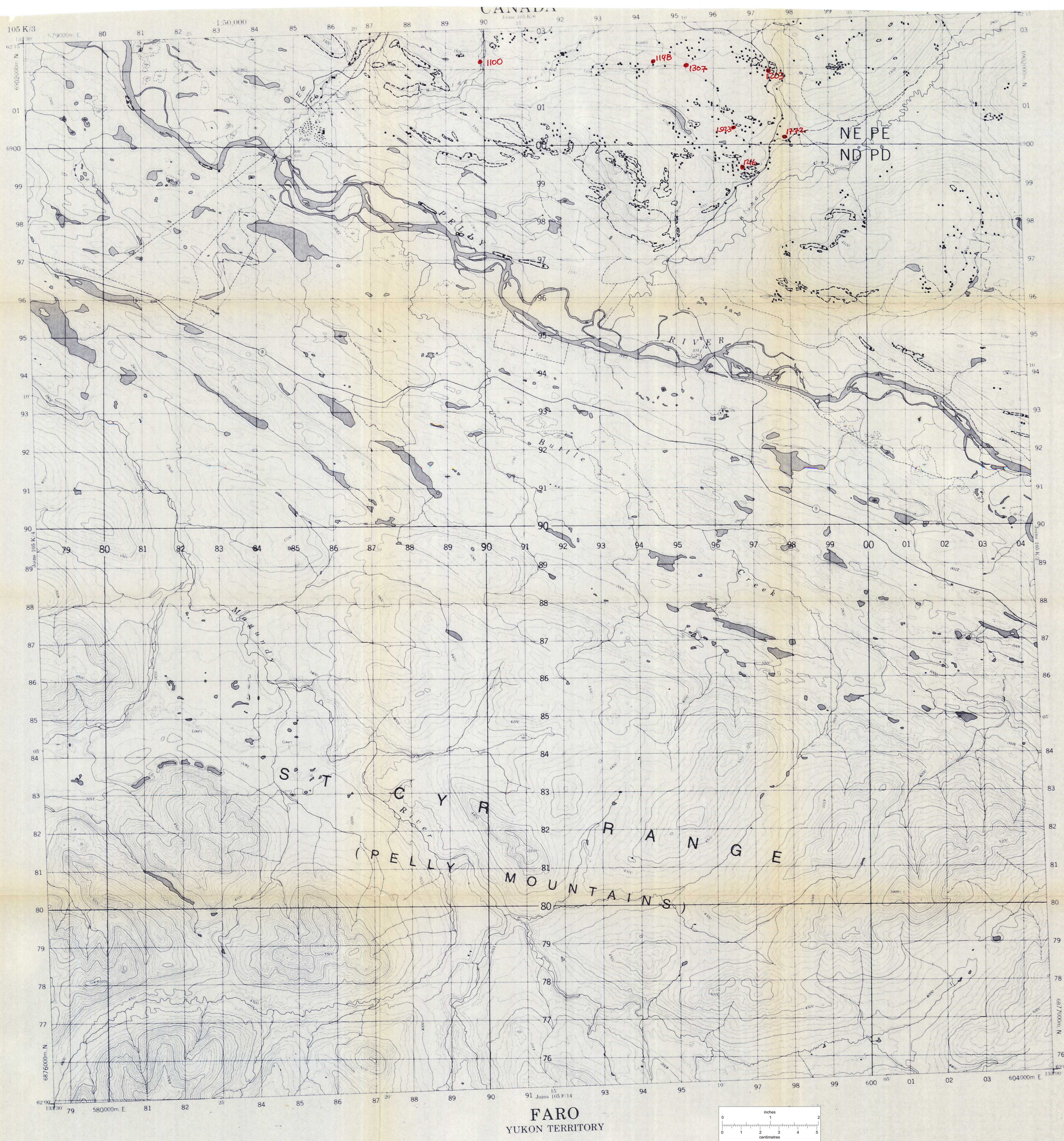
CANADA
105 K/3
1:50,000
Joins 105 K/6
Joins 105 K/4
Joins 105 K/2
Joins 105 F/14
579000m. E.
580000m. E.
604000m. E.
6902000m. N
6877000m. N
6876000m. N
1100
1148
1307
1203
1923
1772
1216
NE PE
ND PD
Faro
Airfield
Pelly
RIVER
Buttle
Creek
Magundy
ST CYR RANGE
(PELLY MOUNTAINS)
Refer to this map as
Conversion scale for elevations
Feet
Metres
Grid North
Magnetic North
28 Mils
549 Mils

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION
FOR CENTRE OF MAP
Annual change decreasing 4.0'

ONE THOUSAND ME
UNIVERSAL TRANSVERSE MERCATO
ZONE 8

GRID ZONE DESIGNATION
8 V
100,000 M. SQUARE IDE
NE
ND

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

REFERENCE POINT CHURCH

EASTING Read number on grid line immediately to left of point
Estimate tenths of a square from this line eastward to point

NORTHING Read number on grid line immediately below point
Estimate tenths of a square from this line northward to point

EXAMPLE MILITARY GRID REFERENCE
Nearest similar grid reference 100,000 metres

FARO
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

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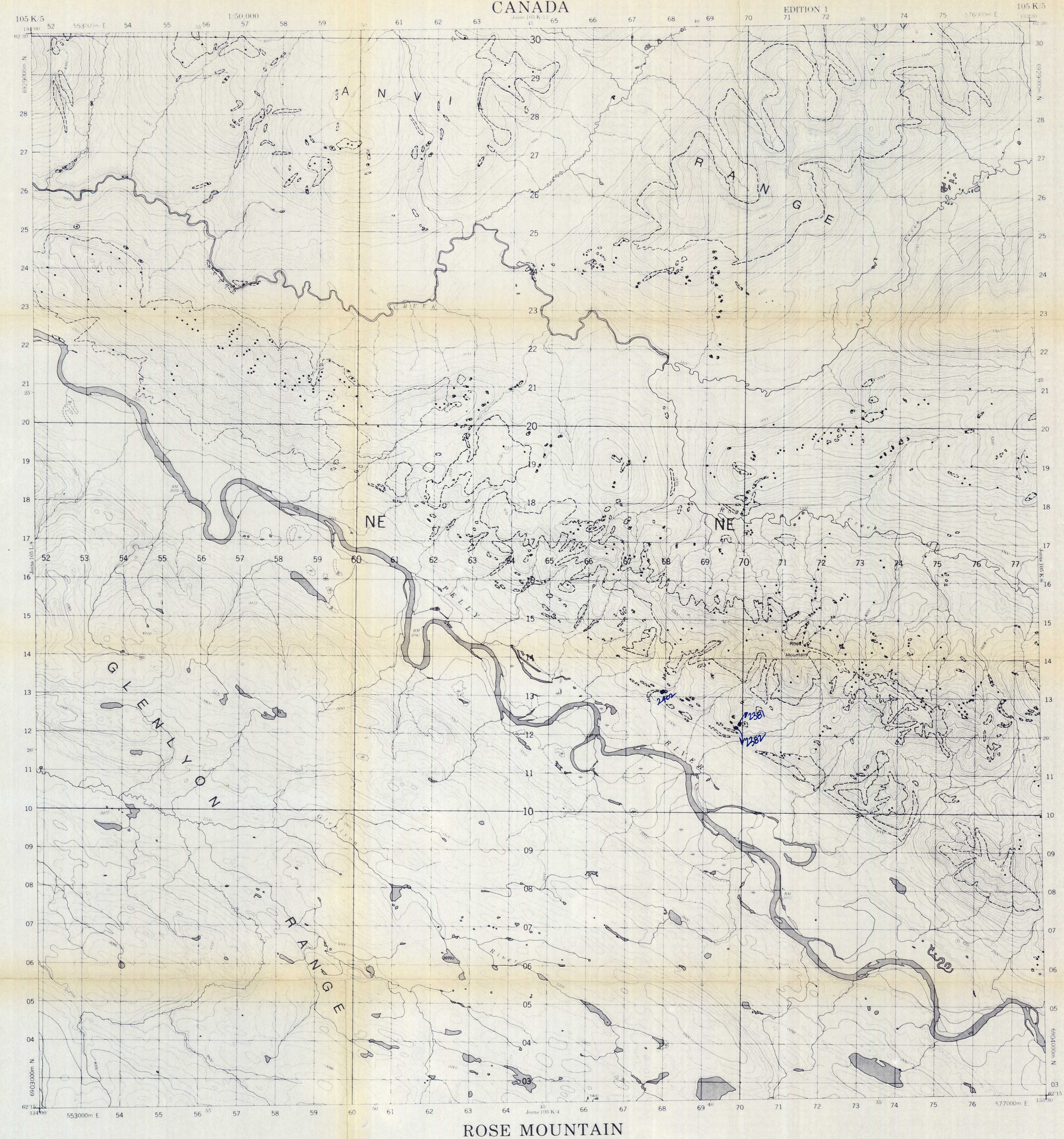
YUKON GEOLOGICAL SURVEY

105 K/3
EDITION

CANADA

105 K/5 1:50,000 EDITION 1 105 K/5


Joins 105 K/12
Joins 105 K/4
Joins 105 L/8
Joins 105 K/6
553000m E.
576000m E.
577000m E.
6929000m N.
6904000m N.
6903000m N.
134°00'
133°30'
62°30'
62°15'
A N V I L
R A N G E
G L E N L Y O N
R A N G E
NE
NE
PELLY
RIVER
Rose Mountain
2402✓
2381✓
2382✓

ROSE MOUNTAIN

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

0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

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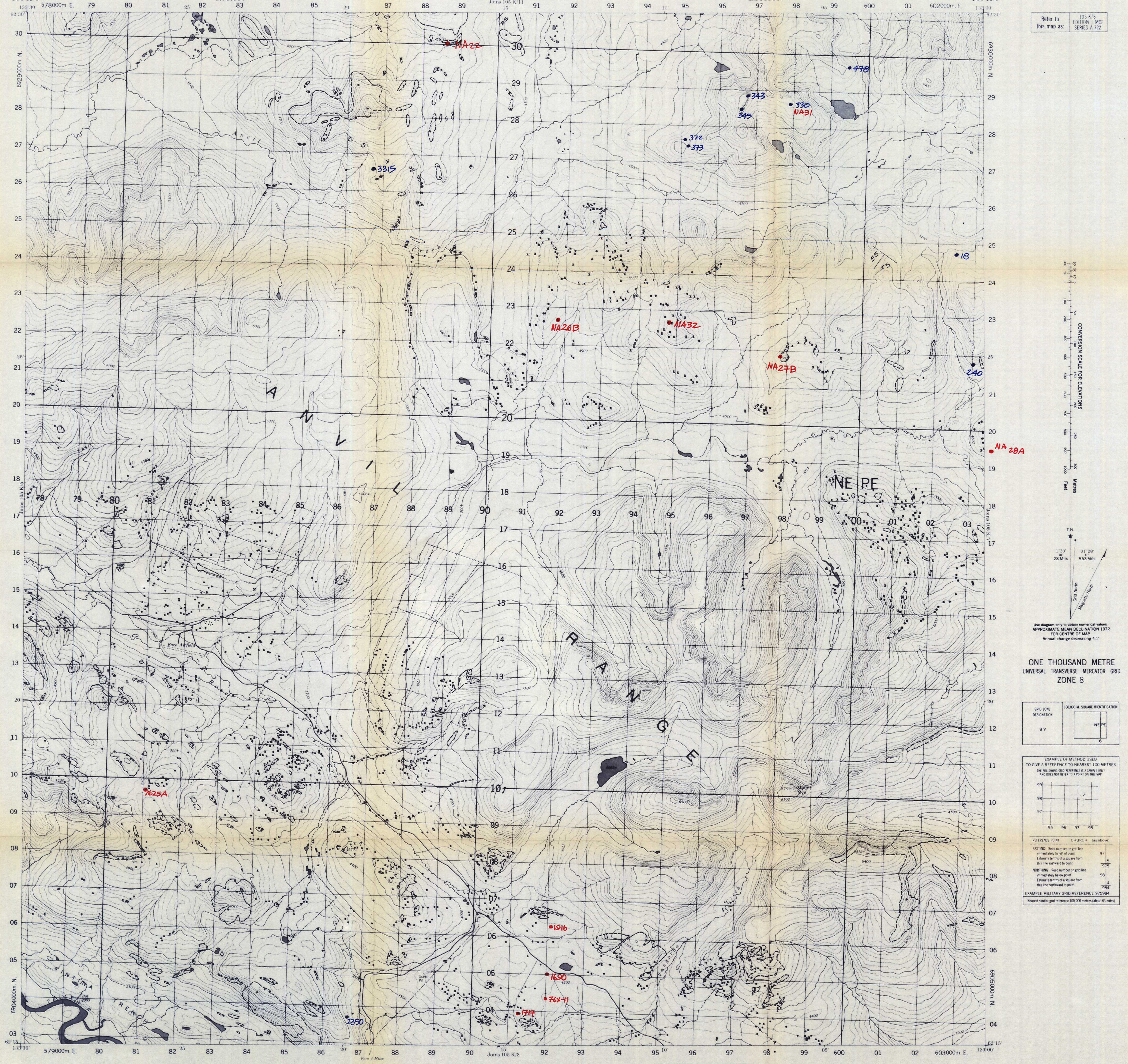
PROVISIONAL MAP
105 K/6

CANADA

1:50,000

EDITION 1

CARTE PROVISOIRE
105 K/6


Joins 105 K/11
Joins 105 K/3
Joins 105 K/7
Joins 105 K/5
578000m. E.
602000m. E.
579000m. E.
603000m. E.
6929000m. N.
6930000m. N.
6904000m. N.
6905000m. N.
A N V I L
R A N G E
NE PE
Faro Airfield
Faro 4 Miles
Mount Mye
NA22
478
343
345
330
NA31
372
373
3315
18
NA26B
NA32
NA27B
240
NA 28A
1625A
1016
1690
76X-11
1717
2350
T.N.
1°33′ or 28 Mils
31°08′ or 553 Mils
Grid North
Magnetic North
CONVERSION SCALE FOR ELEVATIONS
Feet
Metres

Refer to this map as: 105 K/6 EDITION 1 MCE SERIES A 722

Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1972
FOR CENTRE OF MAP
Annual change decreasing 4.1′

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 8

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
8 V	NE PE 6

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 97
Estimate tenths of a square from this line eastward to point 5
975

NORTHING: Read number on grid line immediately below point 98
Estimate tenths of a square from this line northward to point 4
984

EXAMPLE MILITARY GRID REFERENCE 975984

Nearest similar grid reference 100,000 metres (about 63 miles)

MOUNT MYE
YUKON TERRITORY

Scale 1:50,000 Échelle

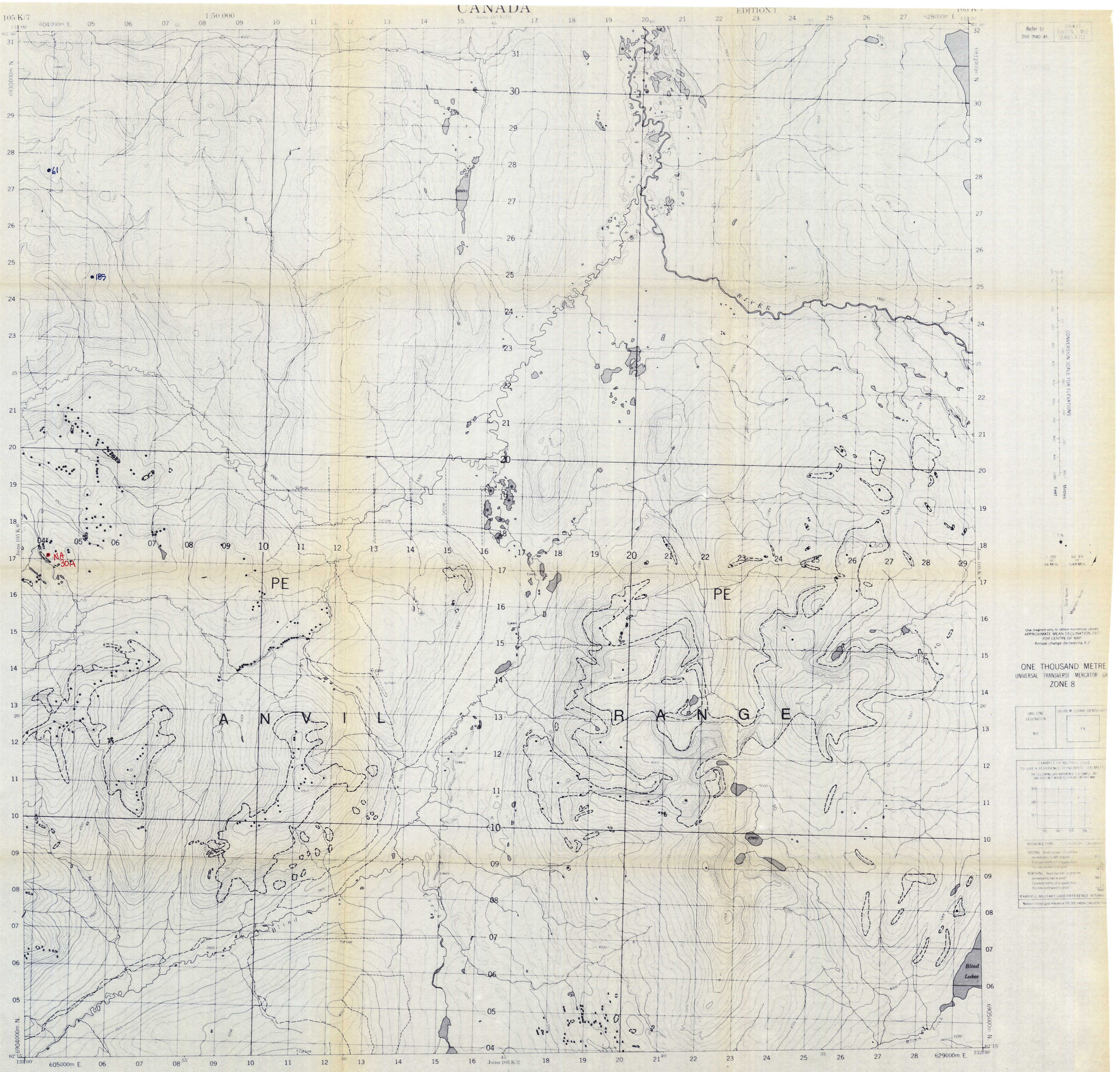
Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres

inches 0 1 2
0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

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

105 K/6


CANADA
EDITION 1
105 K/7
1:50,000
Joins 105 K/10
Joins 105 K/2
Joins 105 K/8
Joins 105 K/6
604000m. E.
605000m. E.
628000m. E.
629000m. E.
6930000m. N.
6904000m. N.
6905000m. N.
62°30'
62°15'
133°00'
132°30'
RIVER
ANVIL RANGE
PE
Blind Lakes
Blind Creek
61
183
04
05
NA
30A
Refer to this map as: 105 K/7 EDITION 1 MCE SERIES A 722
CONVERSION SCALE FOR ELEVATIONS
Feet
Metres
T.N.
2° 00' or 36 Mils
30° 49' or 548 Mils
Grid North
Magnetic North
Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 197
FOR CENTRE OF MAP
Annual change decreasing 4.2'
ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GR
ZONE 8
GRID ZONE DESIGNATION
8V
100,000 M. SQUARE IDENTIFICATION
PE
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.
NORTHING: Read number on grid line immediately below point. Estimate tenths of a square from this line northward to point.
EXAMPLE MILITARY GRID REFERENCE 975984
Nearest similar grid reference 100,000 metres (about 62 miles)

·BLIND CREEK·

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 scale at the same rate as the image, therefore it can be used as a reference for the original size.

105 K/7
EDITION 1

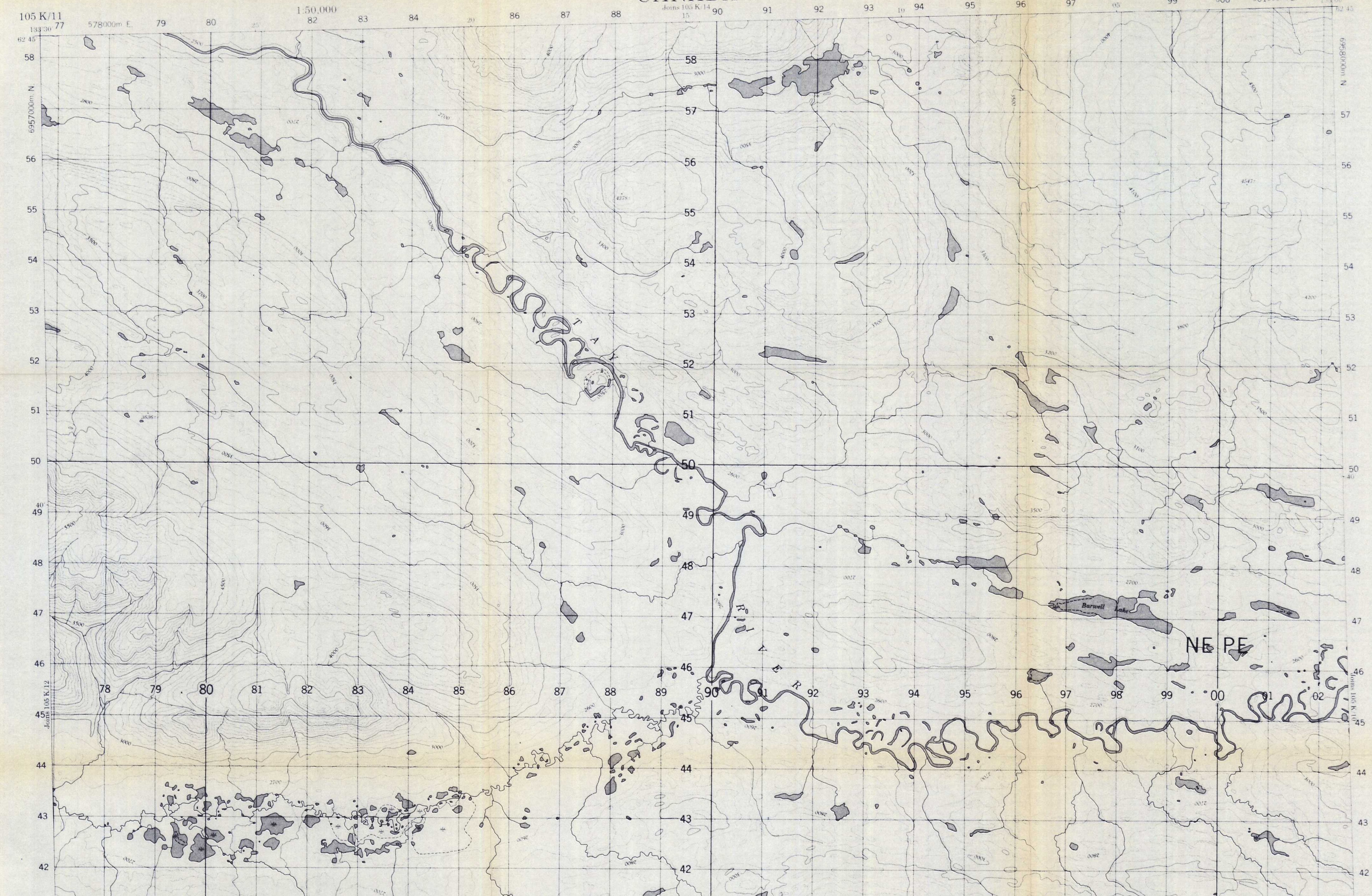
105 K/11

CANADA

1:50,000

EDITION 1

105 K/11


Joins 105 K/14
Joins 105 K/12
Joins 105 K/6
578000m. E.
601000m. E.
602000m. E.
6957000m. N.
6958000m. N.
6932000m. N.
62 45
62 30
133 30
133 00
TAY
RIVER
Barwell Lake
NE PE
451
Grid North
Magnetic North
28 Mils
558 Mils
Metres
Feet

Refer to this map as: 105 K/11 EDITION 1 MCE SERIES A 722

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1972
FOR CENTRE OF MAP
Annual change decreasing 4.2'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 8

GRID ZONE DESIGNATION	100 000 M. SQUARE IDENTIFICATION
8 V	NE PE

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 (see above)

EASTING: Read number of grid line immediately to left of point. Estimate tenths of a square from this line eastward to point. 97 5 975

NORTHING: Read number of grid line immediately below point. Estimate tenths of a square from this line northward to point. 98 4 984

EXAMPLE MILITARY GRID REFERENCE: 975984

Nearest similar grid reference 100 000 metres (about 62 miles)

BARWELL LAKE
YUKON TERRITORY

Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

1000 2000 3000 4000 Verges

inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

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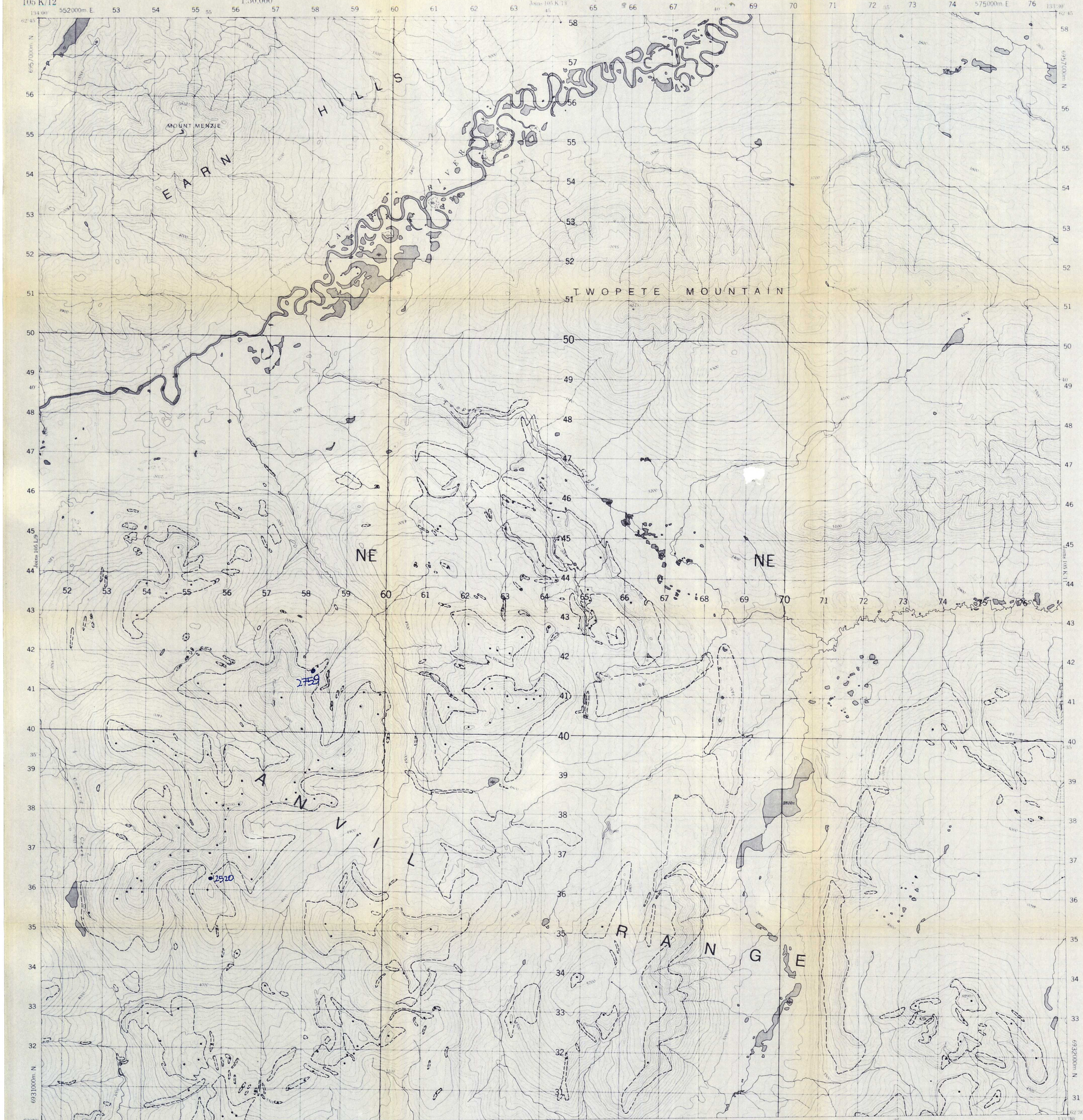
105 K/11
EDITION 1

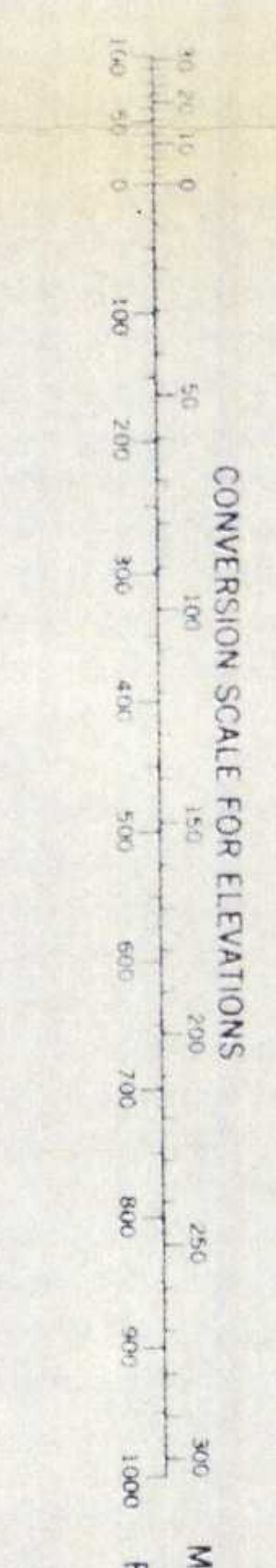
105 K/12 1:50,000

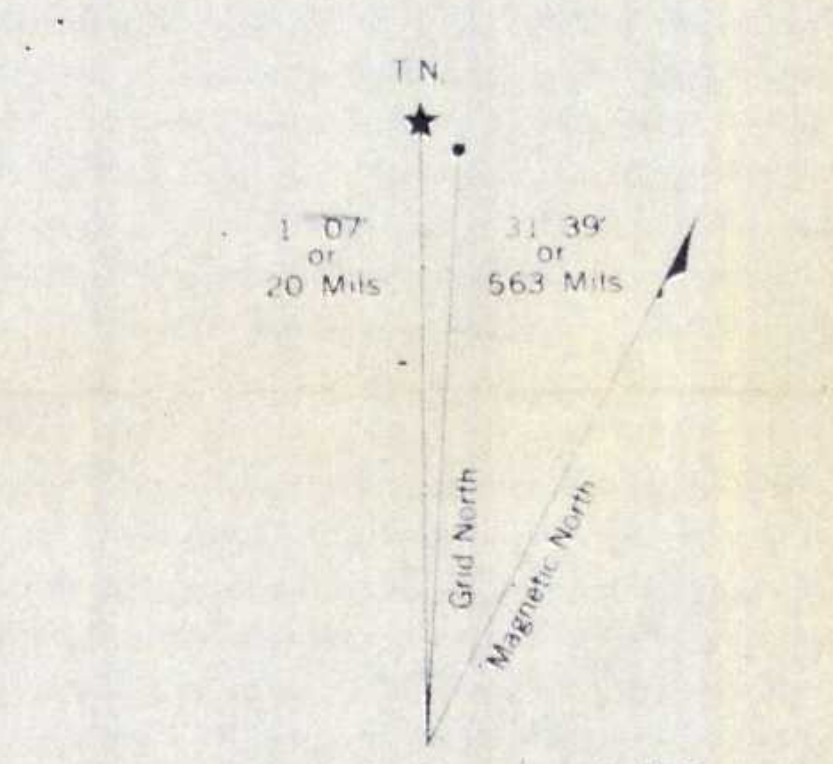
CANADA

EDITION 1 105 K/12


134°00'
62°45'
552000m. E.
Joins 105 K/13
575000m. E.
133°30'
6957000m. N
EARN HILLS
MOUNT MENZIE
TAY RIVER
TWOPETE MOUNTAIN
NE
NE
2759
2520
Joins 105 L/9
Joins 105 K/11
ANVIL RANGE
6931000m. N
6932000m. N
62°30'
553000m. E.
Joins 105 K/5
576000m. E.

Refer to this map as:	105 K/12 EDITION 1 MCE SERIES A 722


CONVERSION SCALE FOR ELEVATIONS
Metres
Feet


T.N.
1°07'
20 Mils
31°39'
563 Mils
Grid North
Magnetic North

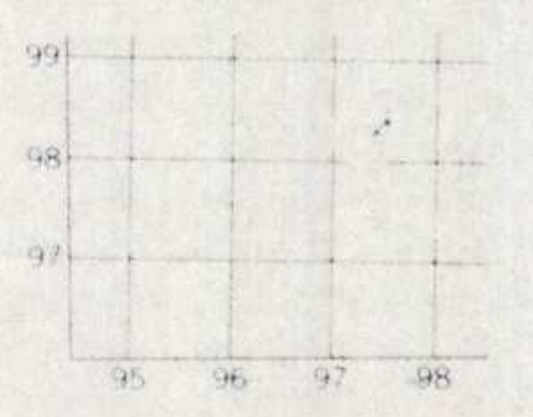
Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1972
FOR CENTRE OF MAP
Annual change decreasing 4.1'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 8

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
8 V	N E

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

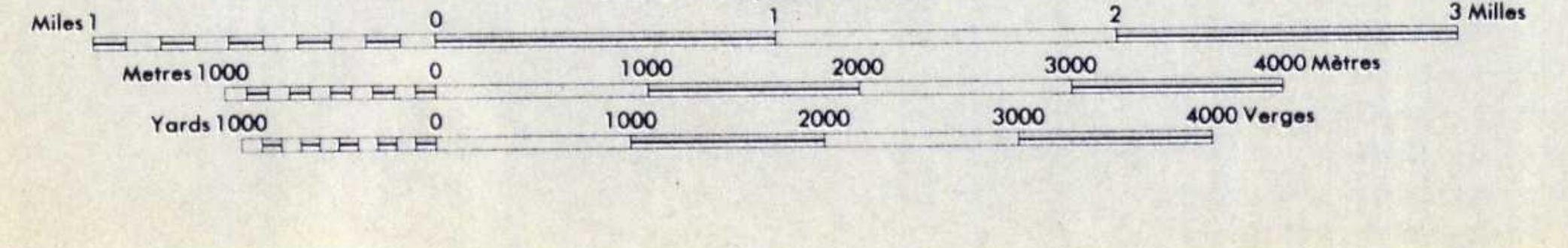

99
98
97
95
96
97
98

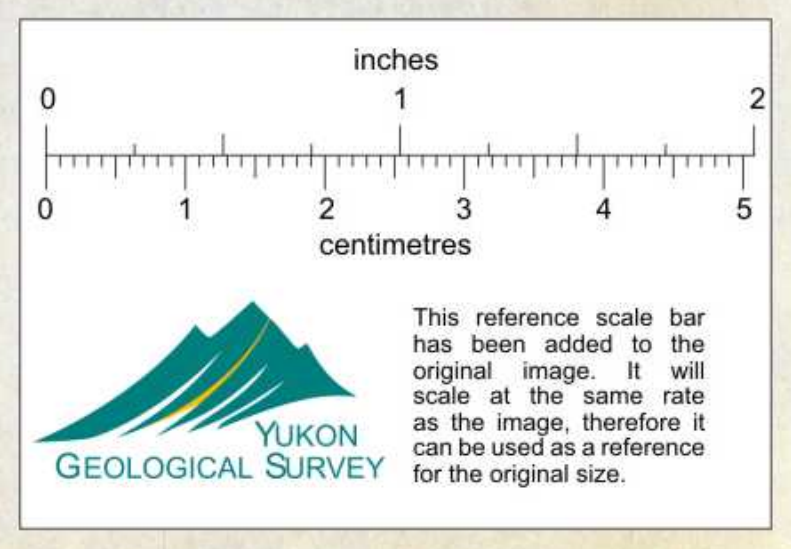
REFERENCE POINT	CHURCH (as above)
EASTING Read number on grid line immediately to left of point	97
Estimate tenths of a square from this line eastward to point	5
	975
NORTHING Read number on grid line immediately below point	98
Estimate tenths of a square from this line northward to point	4
	984

EXAMPLE MILITARY GRID REFERENCE 975984

Nearest similar grid reference 100,000 metres (about 63 miles)

TWOPETE MOUNTAIN
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
0
1
2
3
4
5
centimetres

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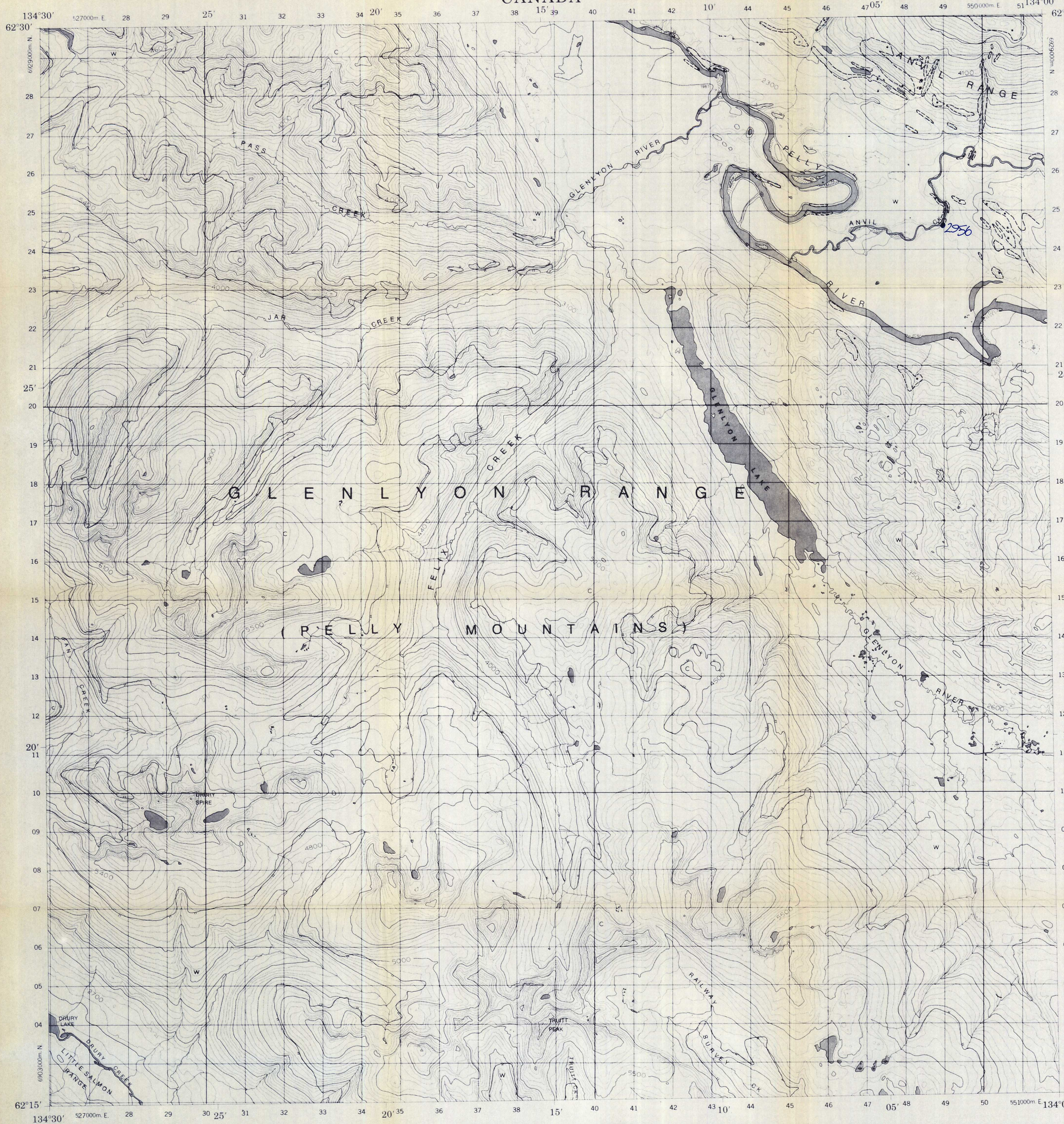
105 K/12
EDITION 1

CANADA

EDITION 1 105 L/8


134°30′
527000m. E.
15′
134°00′
62°30′
62°15′
25′
20′
6929000m. N.
6903000m. N.
551000m. E.
ANVIL RANGE
PELLY RIVER
ANVIL
2956
GLENLYON RIVER
PASS CREEK
JAR CREEK
GLENLYON LAKE
GLENLYON RANGE
FELIX CREEK
(PELLY MOUNTAINS)
GLENLYON RIVER
DRURY SPIRE
DRURY LAKE
DRURY CREEK
LITTLE SALMON RANGE
TRUITT PEAK
TRUITT CK
RAILWAY SURVEY CK
4000
5500
4800
5400
5000
2700
5500
3500
4500
2600
2300
4100

GLENLYON LAKE

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

PRODUCED BY SURVEYS AND MAPPING BRANCH,
DEPARTMENT OF ENERGY, MINES AND RESOURCES,
OTTAWA, 1970

CONTOUR INTERVAL .... 100 FEET

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NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

inches
0 1
0 1 2
centimetres

YUKON GEOLOGICAL SURVEY

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SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

TRANSVERSE MERCATOR PROJECTION

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA
CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES
MINES ET DES RESSOURCES, OTTAWA, EN 1970

EQUIDISTANCE DES COURBES .... 100 PIEDS

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