Énergie, Mines et Ressources Canada | Energy, Mines and Resources Canada

GEOLOGICAL SURVEY OF CANADA | COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES

Canada

105 K/3 | 1:50,000 | Joins 105 K/6 | EDITION 1 | 105 K/3

LEGEND

Northeast of Tintina Fault

TERTIARY

Tv — Tv, undivided; Tv1, small stocks and necks of white weathering, flow-banded, rhyolitic, quartz-sanidine porphyry; Tv2, laminated rhyolitic ash-flow tuffs and flows; Tv3, dark grey weathering, locally amygdaloidal, dark grey-green basalt necks and flows; Tv4, massive quartz-feldspar porphyry

Ts — recessive, thick bedded to massive, pebble to boulder chert-quartz conglomerate, chert sandstone and thin bedded, dark brown siltstone and shale

PENNSYLVANIAN AND PERMIAN

CPa — ***Anvil Allochthonous Assemblage:*** CPav, resistant, dark weathering dark grey-green basalt, tuff, and breccia; CPat, thin bedded, grey-green, jasper-red and apple-green chert and siliceous tuff, and minor quartz-chert sandstone and shale; CPal, light grey weathering, massive, fine crystalline, dark grey limestone; CPaub, recessive, green weathering serpentinite

CARBONIFEROUS TO TRIASSIC

CTn — ***Nisutlin Allochthonous Assemblage:*** CTnm, grey weathering, muscovitic, quartz blastomylonite; recessive, muscovitic quartzite and quartz-muscovite - biotite±glaucophane schist with local pods of eclogite; CTncg, resistant, massive, poorly sorted, conglomerate with pebble to cobble size clasts of basalt, chert, mylonite, and limestone

CAMBRO-ORDOVICIAN

€Ov — resistant, dark weathering, massive, locally pillowed, dark grey-green basalt, tuff and breccia

€Or — ***Rabbitkettle Formation:*** grey-buff weathering, laminated to thin bedded, locally nodular, shaly limestone to calcareous phyllite (includes tuffaceous phyllite and greenstone on south flank of Anvil Batholith)

LOWER CAMBRIAN

€g — ***Gull Lake Formation:*** recessive, brown weathering, non-calcareous, dark grey to black slate and siltstone

Between St.Cyr and Tintina Faults

MID-CRETACEOUS

Kg — resistant, grey weathering, locally foliated, biotite ± hornblende diorite, granodiorite, and granite

CARBONIFEROUS

Csl — recessive, dark grey weathering, thin bedded , interlaminated, buff-yellow siltstone and brown argillite; strongly bioturbated

MISSISSIPPIAN

Mtf — resistant, rusty orange weathering, thin bedded, apple green and dark grey chert and cherty tuff

DEVONIAN AND MISSISSIPPIAN

DMs — recessive, black weathering with rusty streaks, thin bedded, black siliceous slate and minor interbedded, chert wacke and chert-granule grit

DMcsl — buff-orange weathering phyllite, calcareous phyllite and phyllitic, platy limestone; minor buff weathering dolomitic siltstone, black very fine crystalline limestone, black pyritic slate, and fine grained quartz arenite; DMcsl1, blue-grey weathering, calcareous, medium grained quartz arenite

uDcg — resistant, grey-orange weathering, massive, limestone conglomerate (not shown on stratigraphic cross-section; relations to other map units uncertain)

ORDOVICIAN TO DEVONIAN

ODsl — moderately resistant, black weathering, siliceous, graphitic, black siliceous and pyritic slate

CAMBRO-ORDOVICIAN

uEOc — buff, orange and orange-brown weathering, thinly interlaminated calcareous shale and silty limestone

Southwest of St. Cyr Fault

MID-CRETACEOUS

Kg — resistant, grey weathering, locally foliated, biotite ± hornblende diorite, granodiorite, and granite

UPPER DEVONIAN AND? MISSISSIPPIAN

DMs — recessive, black weathering with rusty streaks, thin bedded, black siliceous slate and minor interbedded chert wacke and chert-granule grit

SILURIAN AND DEVONIAN

ASKIN GROUP

SDdq — resistant, medium grey to buff weathering, medium to thick bedded dolomite, sandy dolomite and quartz arenite

- Limit of outcrop
- Geological boundary (defined, approximate, assumed, extrapolated beneath overburden where exposure warrants)
- Bedding (horizontal, inclined, vertical, overturned, tops unknown)
- Foliation (inclined, vertical)
- Wrinkle lineation, axis of small scale fold (inclined, horizontal)
- Fault, steeply dipping (defined, approximate, assumed, extrapolated beneath overburden; barb on downthrown side)
- Fault, thrust (defined, approximate, assumed, extrapolated beneath overburden, overturned; teeth on upper plate)
- Fault, transcurrent (defined, approximate, assumed, extrapolated beneath overburden; arrows indicate slip)
- Anticline (defined, approximate, assumed, extrapolated beneath overburden)
- Syncline (defined, approximate, assumed, extrapolated beneath overburden)
- Anticline, syncline (overturned)
- Mineral occurrence (showing, work target)
- Fossil locality
- (ODsl) Outcrop not present, map unit inferred (italic map unit symbols)

NOTES

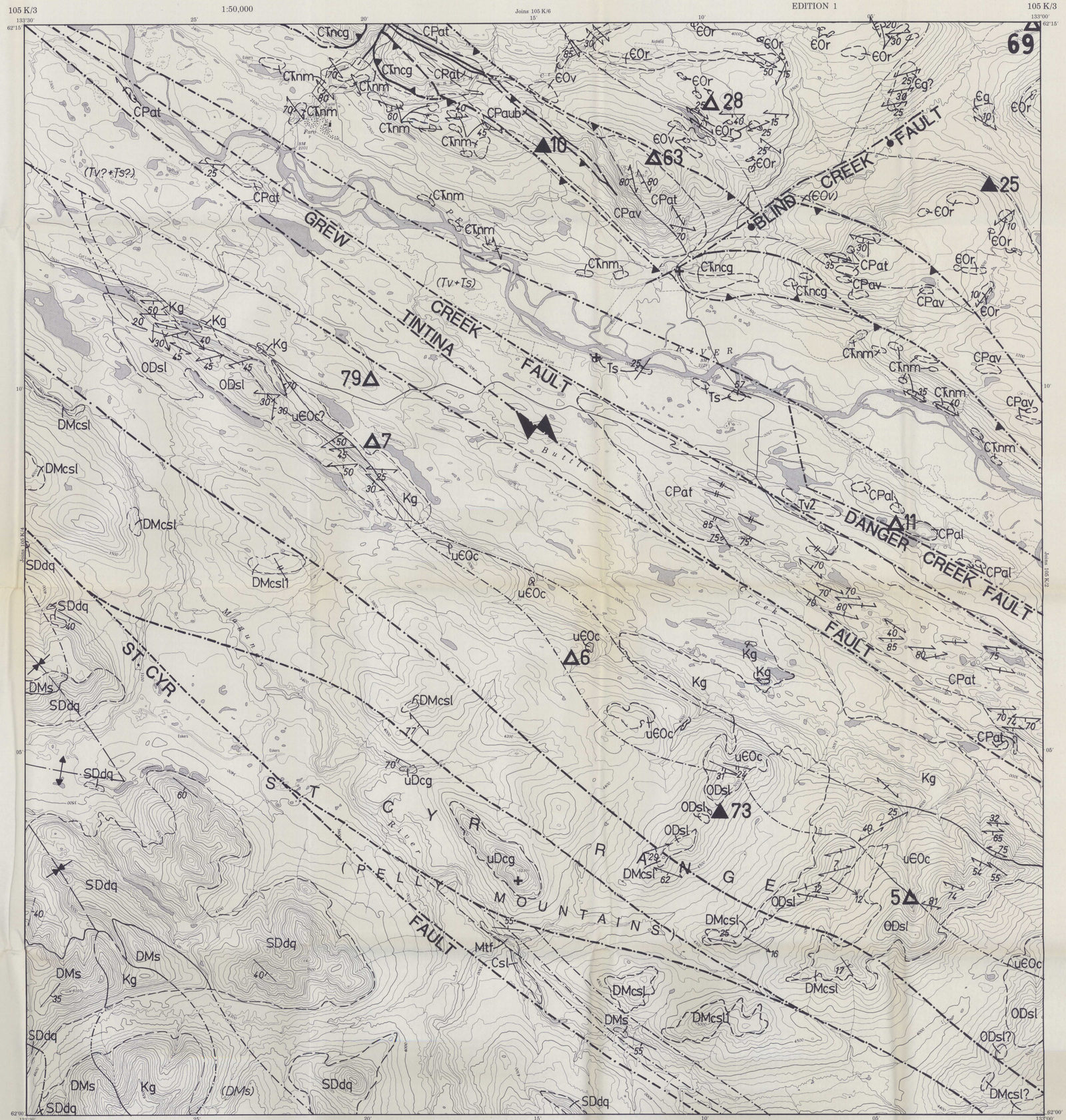
1) contacts are extrapolated, where exposure warrants, on basis of assumed simple structure
2) mineral occurrence numbers follow convention in Yukon Exploration 1987, Exploration and Geological Services Division, Dept. Indian and Northern Affairs, Yukon
3) only those formations or members occuring in map area are indicated in legend; for stratigraphic relationships, full legend, acknowledgements and sources of information see sheet 1
4) not all structural features indicated in legend may occur in map area

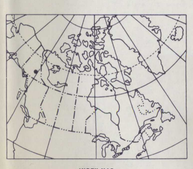
MINERAL OCCURRENCES

NO	TYPE	NAME	DESCRIPTION
5	work target	**Fiargo**	
6	work target	**Lyn**	
7	work target	**Ciasca**	
10	Cu	**Niesbit**	occurrence
11	work target	**Biobcat**	
25	Pb,Zn,Ag	**Swim**	polydeformed and metamorphosed, stratiform, massive to disseminated pyrite, sphalerite and galena.
28	work target	**Sihrimp**	
63	work target	**DnG**	
69	work target	**Cat**	
73	Pb,Zn	**Sir John A.**	stratiform sphalerite-galena within thinly laminated calcareous phyllite
79	work target	**Lou**	Pb,Zn geochem anomalies

work target: information not available or mineralization not yet found in outcrop; may cover geochemical or geophysical anomalies or areas of mineralized float

Geology by S.P. Gordey 1985, 1986, 1987 and D.J. Tempelman-Kluit 1967, 1968





INDEX MAP

FARO

YUKON TERRITORY

Scale 1:50,000 Échelle

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

OPEN FILE #	AREA
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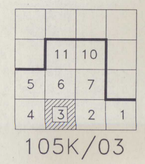
2250	105K/4,5,6
2251	105K/7,10,11



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