

June 9/89

- left Whitehorse at 3 pm to Carcross
- launched boat to go down Bennett Lake - had to turn back due to very rough water on lake.
- left wilderness travel plan with RCMP in Carcross
- spent night in Carcross

June 10/89

- 8:30 am - left Carcross down Bennett Lake.
- set up camp on west side of lake just north of BC/Yukon Border (see map)
- walked south along lake examining outcrop and float. Mainly volcanics - altered basalt and andesitic type rocks
- some float containing fine disseminated pyrite

Brian Lang PAP 89-034

June 11/89

- hiked up to gulch containing known mineralization as shown on 1:50,000 geologic mapping (Finger)

- little outcrop until 3100 ft
 - large gossanous zone in gully. Rocks appear to be highly weathered and altered diorite - andesites
 - some outcrop containing fine pyrite. Found some float containing malachite
- got to 3600 feet but time running out and terrain getting too steep.

took samples of mineralized float #3201 at 3400'

- on way down discovered claim post

Post 1 Scout 7

June 7/89

Staker G, RUSHANT

June 12/89

- Decided not to return to Finger showing since it appears to have been staked recently.

• Prospected north of base camp along shore of Bennett Lk.

- not much outcrop but mainly gneissite or quartzodiorite.

- found old camp which contained old drill steel indicating nearby showing but couldn't find showing.

June 13/82

- walked up creek which comes out near Base Camp 1 examining outcroppings on way up.
- outcroppings in creek starts at about 2600'
- mainly encountering intrusive rocks, some pyrite zones
- took samples in shear zone at ~3500' # 75564, 75565
- moved Base Camp approx 1.5 km north along west side of Bennett Lake

June 14

- walked up north fork of Base Camp Creek.
- encountering mainly grano-diorite - medium to coarse grained,
- some bull qtz veins encountered at 3200' elev
- no mineralization encountered

June 15

- walked north of Base Camp 2 on approx 2500' contour examining float and outcrop
- returned along lake examining float
- no mineralization found

June 16

- returned to Carcross by boat and drove to Whitehorse
- checked out new claims at Mining records which were found June 17
- took samples in for assay

June 17

- 4 pm drove to Windy Arm and set up camp at Contact

June 17

- 8:00 am ... took boat from camp to bay near mouth of Copper Gulch
- hiked up north side of copper gulch
- mainly grey cherts

- intrusive dikes (coarse grained white at 1175 m (almost porphyry type dikes) 1-10 m wide striking approx N dipping East about 10°)

- found claim post from 1966 at 760 m

Staked April 13/66 by
Herb Minns
TOP CLAIM

LARX (something) illegible

~~WIND~~

June 18 T

silt sampling of CK on north side of escarpment mountain

Sample #1 elev 665 m

- observed a lot of chert boulders containing fine pyrite.

gossium on north side of creek elev 960 m - mainly chert with fine pyrite - white coarse grained dike also intruding through here.

- could not continue silt sampling because creek too steep.

June 19/89

- went up south side of creek on north side of Escarpment Mountain.
- area contains mainly white, grey and black cherts.
- very steep terrain - could not get down to creek level.
- no mineralization found.

June 20/89

- walked up to small lake which Line Ck drains into
- hiked up north side of Escarpment Mtn.
- encountering mainly white and black/grey cherts
- sample 2556b at 9200'

June 21/89

- climbed up north side of Escarpment Mtn
- set up a camp at about 4500'
- did a small amount of prospecting between 4500 and 5000'
- no mineralization encountered.

June 22/89

- searching for copper deposit indicated on 1:50,000 geologic map prepared by Aurum on top of Escarpment Mtn.
- could not locate any mineralization

June 23/89

- searching again for signs of copper mineralization on top of Escarpment Mtn.
- none encountered
- mainly volcanic type rocks and cherts.

June 24

- prospecting along base of cliffs - at north end of Escarpment Mtn.
- no mineralization encountered except for some areas with minor disseminated pyrite.
- some narrow fractures and shear zones along shore with pyrite along shear surface.
- sample # 75567
- # 75568

June 25/89

- climbed up south side of Copper Gulch.
- mainly more cherts white, grey and black.
- looking for copper occurrence indicated on geology maps but none found.

June 26/89

- prospecting along cliffs of escarpment Mtn as shown on topo map.
- too steep to get any higher than 3500'
- no mineralization found

June 27/89

- prospecting up north side of Rainshorn Cr.
- went up gulch on south side of escarpment Mtn.
- encountering cherts
- some small qtz veins found but no sulphides
- no samples taken.

June 28/89

- hiked up same gulch on south side of Escarp. Mtn as yesterday
- did some prospecting in area where we set up a 2 day camp.

June 29

- prospecting flat area on south side of Escarp. Mtn.
- found some basalt and limestone units
- found some small pockets with patches of malachite staining. - not worth sampling.

June 30/89

- walked down tributary of Ramshorn Ck.
- mainly cherts in creek.
- some limestone boulders found in creek.
- no mineralization encountered and no samples taken.
- returned to Base Camp, tore down camp and returned to Whitehorse.

July 2/89

- left Whitehorse at 9.00 am
- arrived in Carcross at 10.30 and launched boat.
- took boat down Bennett Lk to Base Camp 2 and set up camp.

July 3/89

- climbed up a major creekbed draining south side of Finger Mtn -
- outcropping begins at about 2900'
- Encountering mainly granodiorite/granite
- some schist & top rocks encountered as float.
- some rust & boulders in creek containing finely disseminated pyrite.

July 4/89

- climbed up southside of Finger Creek as shown on map. - encountering mainly granodiorite.
- At about 4000' headed southwest
- encountering some volcanic rocks (pyroclastic)
- crossed over area shown as Glenville Fault on map
- no shearing or faulting visible -
- no mineralization encountered.

July 5/89

- heading up north side of Finger Ck
- outcropping starts at about 2800' - rocks are mainly granodiorite
- gossan located at about 4000' as shown on map - an altered granodiorite containing some fine pyrite.

July 6/89

- walked north of Base Camp 2 to base of cliffs on Finger Mtn. - very steep terrain. - mainly granodiorite
- walked north to creekbed which I walked down
- no other rock types encountered
- no samples taken.

July 7/89

- took boat from base camp approximately 2 km north
- hiked up to approx 3400' to base of cliffs on Finger Mtn.
- encountering granodiorite
- porphyritic type rocks at about 2500'. Back into granitic rocks at about 3000'. some rusty staining on porphyritic rocks
- no mineralization

Jul 8/89

- took boat from Base Camp to Prejevalski Point
- hiked up ridge of point
- outcropping starts out about 2500' - mainly granodiorite
- very steep terrain
- some barren qtz veins encountered at 3300' running approx E-W about 3"-4" wide - no mineralization.

Jul 9/89

- took boat from Base Camp to NW side of Finger Mtn on West Arm of Bennett Lk.
- hiked up a dry creek bed.
- rocks are intrusive granitic rocks.
- some andesitic outcroppings at 3500'
- walked down another creek to north encountering some rock types
- no mineralization - no sample taken.

July 10/89

Walking along shore of
West Arm of Benet Lake
examining outcrop.

- mainly granodiorites

- no mineralization found.

- headed up to about 2500'

to base of some cliffs

and walking toward

Prejaval'sky Point.

July 11/89

- hiked up from Base Camp 2

- hiked up to base of cliffs
at about 3300' as shown
on traverse map.

- encountering granodiorites

- headed down to shore at
12 pm. and hiked along
shore back to camp.

- packed up camp and took
boat to Carcross at 4 pm.

Wed. July 26

- 8:30 a.m. - leave Whitehorse
for Wind's Arm.

- 10-12 - set up camp at old
Conrad townsite.

- took boat to base of Mt.
Conrad.

- located gossanous zone
near shoreline containing
a qtz carbonate stringers
running in several directions
average width of stringers
was about 2 cm.

- veins were within a light
coloured volcanic unit with
dk black stringers (sulphide?) and
green qtz stringers

- rock was reactive to HCl

- it contained approx 3" pyrite
in places with well developed
xtals up to $\frac{1}{2}$ cm.

- continued to prospect in
area

- 5 pm returned to camp

Sample from vein near shoreline

65, Az 78° from Venus mill

Thurs July 27

Weather Sunny & Hot

Location: Base of Mt Conrad.

- at lake level encountered an altered green rock with stringers (qtz carbonate)

- porphyry dike altitude 210/73° N found across from Pool's Point contact at lake level

- trenching work found on 6-8" qtz carbonate vein containing approx 3% sulphides galena pyrite, arsenopyrite.

- sample # 653.

- vein located at lake level at bearing 794° from old News mill

- Strike: 275° Dip 28° NW

July 28/89

- starting traverse on west side of Windy Arm just north of BC/Yukon Border.
- climbed to 3000 foot elevation and prospected along base of cliffs.
- no mineralization encountered
- came back along shore examining float and outcrop
- no mineralization encountered

July 29/89

- traversing south side of Ramhorn Creek
- encountering volcanics very fine grained dk grey colour.
- headed south up Mt Corcoran
- got as high as approx 4000
- no mineralization encountered
- headed back at about 3pm
- back to base camp at 5:30 pm.
- packed up camp and headed back to Whitehorse at 7 pm.

July 30/89

- drove into Alligator Lake
- trip took 4 hrs due to muddy conditions.
- distance to camp about 65 km.
- set up camp.

July 31/89

- hiked up creek behind base camp to outcrop at 1315m north of Alligator Lk. -
- mainly gtz monzonite or granodiorite
- some fines grained porphyritic float.
- gossanous outcrop at elev 1375m as shown on map. Found to be made up of vesicular basalt

August 1/89
July 1/89

- traversed above camp encountering
mainly light coloured intrusive
rock - little outcrop.

- at approx 1550 slur
getting into sedimentary
sequence mainly a purplish
red mudstone

- sampled interesting piece
of float as shown # 75667

- showed and brecciated porphyry
with rusted out sulphide stringers
sample # 75668 Elev 1630

Hydrolyte dyke with disseminated
cubic pyrite ~~etc~~ encountered
at elev 560 as shown

211

1460

328

11680

33200

138000

48200

511

1635

328

13089

32700

190500

536280

Aug 2/89

- walked along Alligator Lk to first main creek examining float.
- hiked up creek prospecting outcrops
- intrusive rocks at lower elevations. becoming increasingly altered with elevation
- chrysolite contact at approx 5800 feet
- no mineralization encountered
- gossanous zone at about 5500 ft. mainly volcanics
- fine pyrite disseminated

Aug 3/89

- headed along shoreline of Alligator Lk to Ck B. headed up north Branch of Ck B as shown.
- Outcrop begins at about 4000' elev.
- no float in creek
- gossanous zone around 4300' in whitish volcanics probably iron carbonate alteration zone. continued up creek to 5500' elev

Aug 3 (cont)

- headed north east to Ck A
- crossed Ck A and headed to camp
- no mineralization found.

Aug 4/89

- headed from Camp to Ck B.
- went up Ck B to about 4500' - to sleep so headed up south side.
- encountering mainly gneiss
- climbed to 5500' - no mineralization encountered
- headed down south side of creek
- more iron carbonate alteration at 4200'
- no samples taken

Aug 5/89

- walk to Ch B and headed up south side of Ch
- hiked over to Ch C encountering mainly barren granodiorites
- got into rhyolite zone which is very gassy at 5500
- some fine pyrite disseminated in rhyolite. probable source of gas
- looked around for shear zones with rhyolite
- nothing major found.
- started back to camp at 2 p.m.

Aug 6/89

- headed straight back from camp N.E
- quite barren coarse grained granodiorite
- no samples taken

Aug 7 189

- headed up behind camp again
but headed N.E towards
Alligator Mtn.

- some Basalt found on
east side of Alligator Mtn.

- no mineralization encountered

- no samples taken

Aug 8

- packed up camp and drove
down access road to south
face of Alligator Mtn.

- headed up Mtn to investigate
gossanous zone

- mainly composed of
volcanics

- no sulphides encountered.

- rhyolite dyke found
trending approx E.W.

- headed down at 3 pm.

- drove back to Whitehorse

- took 5 hrs due to bad
road conditions: Lots of Mud.

Aug 11/89

- loaded out from Whitehouse 8:30
- drove to Conrad and took boat to Ramshorn Creek
- hiked up Ramshorn Crk with approx 5 days supplies
- got up to Old Lady Lk at 4 pm - set up camp
- encountered fine grained grey volcanics.

Aug 12/89

- hiked up Mt Conrad from Old Lady Lk
- hiked around fairly level area at top of Mt Conrad.
- dk green to grey fine grained volcanics.
- some shear zones encountered containing pyrite smeared on shear surfaces.
- no samples taken

Aug 13/89

at 9.00 am headed over
about 2km west of Old Lady
Lake to top of Ramshorn.

- set up small camp at
about 4000'

- prospected south of camp
checking outcrops. - no significant
mineralization encountered.

- mainly dk green to grey
fine grained volcanics.

- no samples taken.

Aug 14/89

- headed east of camp to
about 4700' feet

- encountering grey and
white cherts - some fine
grained siltstones?

- some narrow gash veins
containing Qtz - no sulphides

- no samples taken

- returned to camp at 4 pm

- RAMSHORN CREEK. | Aug 15/89

- packed up camp
- walked down Ramshorn Ck
- encountering mainly bedded cherts grey & black
- ~~at~~ at lower elevations encountering dk grey, fine grained and altered rock.
- no mineralization encountered
- reached Windy Arm at 2 pm.
- took boat to Conrad townsite and travelled back to Whitehorse, arriving at 5.30 pm.

Aug 19/89

- set out from Whitehorse at 8 am
- took canoe from end of Alligator Lk to camp at southern end of Lk. - set up camp
- headed up small hill at south end of Lake
- outcropping starts at $\approx 100'$
- outcrop is mainly granodiorite
- some short gush veins up to 10' long - filled with barren etc. - 3" wide
- no samples taken. Headed back to camp at 6 pm

Aug 20/89

headed north from camp along base of cliffs est about 4000' elev. towards Ck C. encountered mainly granodiorite w/ no mineralization. tried getting off up creek C. but it was too dangerous - came back down and headed to camp along same route.

- no samples taken.

Aug 21/89

- headed west from camp up north side of Ck D along base of cliffs - prospecting outcrops which are mainly granodiorite.
- headed north up side of mountain as shown - prospected around top of mountain at 5500' but found nothing - all intrusive. - no samples taken
- headed back down to camp at 3pm.

Aug 22/89

- started off on same route as yesterday but continued north to cross Ck. C.
- came back and headed down south bank of Ck. C.
- mainly intrusive outcrop.
- no samples taken.

Aug 23/89

headed up north side of Ck D
as shown

- headed along side of mountain
on 4400' contour.
- examining granodiorites
- some small rusty shear
zones - not very wide or long
- climbed to 5000' and
- headed back to camp.
- lightning and showers

Aug 24/89

- packed up supplies and headed
up Ck D.

- encountering granodiorites in
stream

- no mineralization found
- large gossan visible north
of creek from camp.
- set up camp at 4 pm.

Aug 25/89

- headed north from camp towards large gossan
- abrupt contact about 300 m north of camp. Tephrite is fine grained cream coloured with rusty staining on fracture surfaces
- got to branch of Ck D but could not cross due to steep terrain
- turned northwest
- at about 5500' reached another contact with intrusive.
- intrusive highly altered near contact
- no mineralization seen.

Aug 26/89

- headed south of camp on plateau above Watson River.
- mainly granodiorite - somewhat altered
- some outcroppings of altered volcanic rocks green to grey in colour.
- no mineralization - no samples taken

Aug 27/89

- hiked east of camp and encountered amphibole zone and then more granodiorite.

- phylite dyke a 30 m wide encountered as shown on map

- trending NE/SW.

- some small qtz veins

around 3" wide veins encountered in granodiorite. - bull qtz veins

- no sulphides.

- no samples taken.

Aug 28

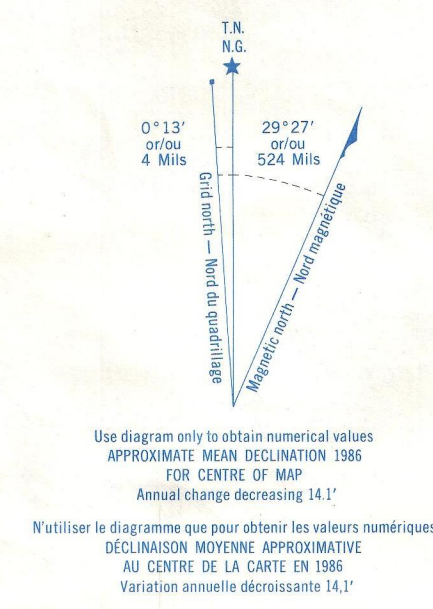
- packed up camp and left camp at 9 a.m.

- hiked down to Alligator Ck and canoeed out to road.

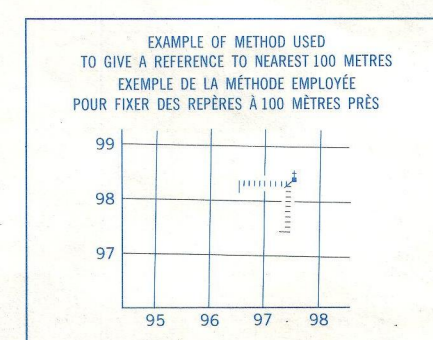
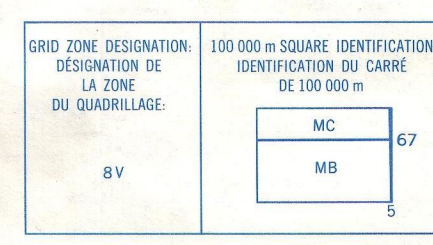
- returned to Whitehouse arriving at 4 p.m.

Military users, refer to this map as: Réference de cette carte pour usage militaire: SERIES A 722 SÉRIE MAP 105 D/6 CARTE EDITION 2 MCE ÉDITION

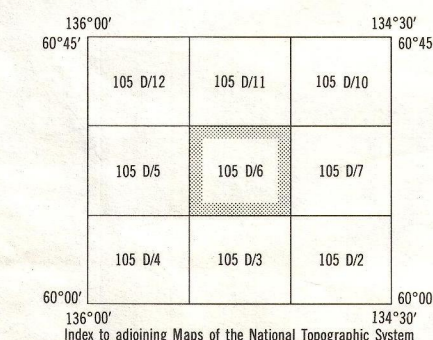
105 0/6
Z. Cannon Lang



ONE THOUSAND METRE UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 6 QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR DE MILLE MÈTRES



REFERENCE POINT CHURCH - EGLISE (as above) (ci-dessus)
EASTING: Read number on grid line immediately to left of point.
ABSCISSA: Réler le chiffre de la ligne du quadrillage immédiatement à gauche du repère.
NORTHING: Read number on grid line immediately below point.
ORDONNÉE: Réler le chiffre de la ligne du quadrillage immédiatement en dessous du repère.



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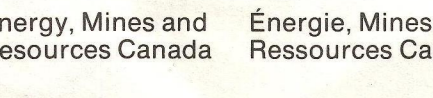
105 D/6
Scale 1:50 000 Échelle
Miles 1 0 1 2 3
Metres 1000 0 1000 2000 3000 4000 Mètres

CONTOUR INTERVAL 100 FEET
ÉCHELLE DE CONVERSION DES ALTITUDES
Mètres 30 20 10 0 100 200 300 400 500 600 700 800 900 1000 Pieds

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Survey and Mapping Branch, Ottawa.
Pour tout renseignement concernant les repères et bornes arithmétiques, s'adresser aux levés géodésiques, Direction des levés et de la cartographie, Ottawa.

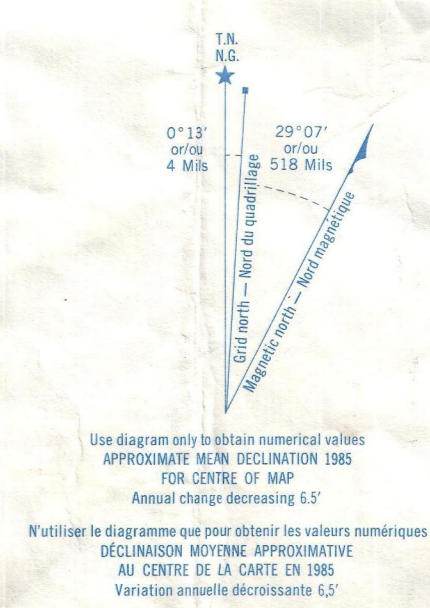
Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1979. Vérification des contours en 1981. Édition 2 1986.

ALLIGATOR LAKE 105 D/6 EDITION 2 EDITION

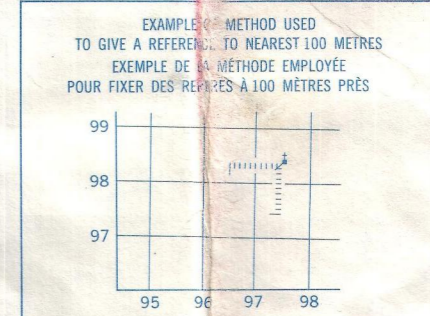
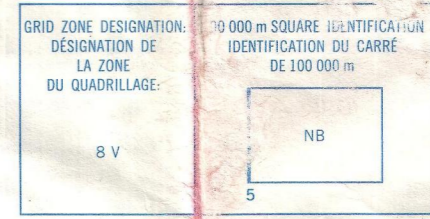


Military users refer to this map as: Références de cette carte pour usage militaire.

SERIES A 722 SÉRIE MAP 105 D/2 CARTE ÉDITION 3 MCE



ONE THOUSAND METRE UNIVERSAL TRANSVERSE MERCATOR GRID LINE C QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR DE MÈTRES



REFERENCE POINT CHURCH - ÉGLISE (see above) (ci-dessus)

EASTING: Read number on a line immediately to left of point. ANCIENNE: Lire le chiffre à la ligne de quadrillage immédiatement à gauche du repère.

Estimate tenths of a square from this line eastward to point. Estimer le nombre de dixièmes de carré entre cette ligne et le repère en direction est.

NORTHING: Read number on a line immediately below point. NORDIENNE: Lire le chiffre à la ligne de quadrillage immédiatement en dessous du repère.

Estimate tenths of a square from this line northward to point. Estimer le nombre de dixièmes de carré entre cette ligne et le repère en direction nord.

GRID REFERENCE: 97 95 96 97 98

Nearest similar grid square 100 000 metres or less to east and 100 000 metres or less to north.

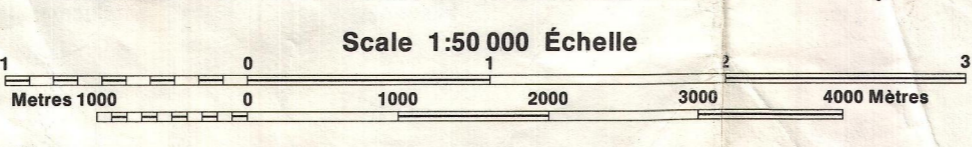
135°30'	134°30'
60°15'	60°15'
105 D6	105 D8
105 D0	105 D1
104 M14	104 M16
59°45'	59°45'

Note: In adjoining Maps of the National Topographic System. Tableau d'assemblage de Systèmes cartographiques de référence.

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CARCROSS
YUKON TERRITORY BRITISH COLUMBIA
TERRITOIRE DU YUKON COLOMBIE-BRITANNIQUE



Handwritten notes: 105 D/2, 105 D/2, 105 D/2