

AUG 7 1983

EAST OF CAP CLAIMS

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4A83-65

Gray chert - v. silicious, conchoidal fracture, massive minor pyrr along fractures.

Grades (?) within ⁽²⁻⁾ a short distance to phyllitic argillite (black, soft). May be just an interbed.

Cherts are prominently fractured \searrow 045/80SE

Rusty zone in creek just west of junction with camp creek is due to gray-green phyllitic (tuffaceous??) chert with minor py dissem and along fractures. Rare Fe-carb veinlets. Prominent joint set \searrow 055/80S
to Cleavage \searrow 145/35NE, not well-defined

There is rare float of Fe-carb altered tuff & tuff-breccia further up creek, with micropasts but no sulphides

B3CAAT-1 Grbr 1% org 30° No veg. In

rusty zone (as above). Rare Qtz veinlets and pods,

one with epy. Limonitic phyllitic chert (The chert is lighter grey and the foliations appear to be sericite (ie alteration of gray-green chert.

This weak alteration zone is less than 100m long in the creek. There is rare coarse (1-2mm) py cubes in the sericitic chert (could this be an exhalite horizon???)

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#1

AUG 7, 1983	HA83-65	Gray-green chert
	66	Andesitic tuff
	67	Talc alteration
	32864	Fe-carb-mar-py
	68	Qtz-fspar porph.
	69	Andesitic tuff breccia
AUG 8, 1983	70	Argillite
	71	Bi-qtz porph. dolo
AUG 9, 1983	72	Andesitic tuff (graded chert)
	73	Diorite
AUG 10, 1983	32865	Qtz veins
	32866	Qtz veins
AUG 11, 1983	32867	Qtz veins
AUG 12, 1983	74	{ Hematitic and green tuff chert.
	75	{ Green tuff chert

HA83-66 Andesitic tuff - fg, messy, mottled green & grey, soft, chlorite & diopside rich, minor fg dissem py^{and}/or po. May grade partially into grey-green chert

Several bands (or the same band several times) occur further down creek

HA83-67 Diabase (???) strongly talc-altered. Bands of talc may pseudomorph mafic minerals. Interstitial to talc is pale green-grey, hard (not as hard as qtz) plag (??). Overall texture is that of a medium coarse plutonic rock. There are no sulphides. Rock weathers grey-green.

32864C Just across ck & downstream (50m) from HA83-67. Fe-carbonate altⁿ (weak) 1% vfg dissem py 1% fg dissem maripos. Grey rock of no identifiable texture. Andesite tuff surrounds.

Pocket (~ 3m x 2m) of alteration success encloses a few ankerite veinlets ~ 100/70 S

83CAAT-2 Br 25° 1% no veg. Fe carb veinlets, weak Fe-carb altⁿ (andesite tuff)

83CAAT-3 Br 10° 5% Rsp. grass. Fe-carb altered tuff rubble.

83 CAAT-4 Br 1% 10° Norway

Fe-carb-mar = qtz talus patch

HA83-68 Qtz-fspar porphyry Qtz-eyes 1-5mm,
glassy; fspar prisms up to 10mm long, pale green,
sericitic; goethite after a mafic mineral (biotite?)
matrix is limonitic

HA83-69 Tuff-breccia - assorted volcanic pebbles
(light to dark green) in grey-green matrix

AUG 8/83

EAST OF CAP

83CAZ-104	100 x 10 m	fast glacial boulders
gr br silt/lsd	1% org	pools flows towards 300°

83CAZ-105	150 x 10 m	fast glacial boulders
(phyllitic arg. o/c 50m upstream)	gr br silt/lsd	2% org pools flows towards 290°

Well-flagged and blazed claim line for CAPG crosses creek 250 m downstream. First post south of creek reads "CAP #6 IN SE 90066 MAY 30 1983"

O/c on river of argillite with interbedded chert ~~shows~~ cleavage in argillite parallels bedding 030/20E

One o/c on river: Andosite tuff (with minor interbedded brown siltstones near base) overlies phyllitic argillite (why not just ^{black} shale?) & 135/20NE. Tuff is unfoliated; cleavage of shale parallels contact. Note: all beddings are gently dipping, but in random directions

HAB3-70	Argillite (or shale)	Soft, black, ty
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minor dissen py. Cleavages not plane, less well developed on this than on other specimens

HAB3-71 Bi-grt porphyry. Dk grey matrix.
V. fresh appearing. Probably a d. to.

Another recent claim line (cut tree still green). Post, mainly illegible "CAP [?] [tag number] 2S [SE??] [Date]". Location of post on air photo very inexact, but lines up with previous NS claim line. Presumably another 4x5 group lies in the middle.

2 claim lengths north: 90068 CAP8 05SE J. SLACK
251951 Regional Resources 237936 MAY 30, 1983
2nd tag: 90067 CAP #1 4SSE J. SLACK etc
JUNE 2, 1983

AUG 9, 1983

EAST OF CAMP

The prominent planar fracturing (N 045-060/75-80°) exposed in the main creek becomes less planar, more irregular in orientation south along Gully creek (gully creek west of camp creek)

HA83-72 Andesitic tuff - lg. pale grey-green with dark grey spots (clasts). Grades to grey-green phyllitic chert (cf spec HA83-65)

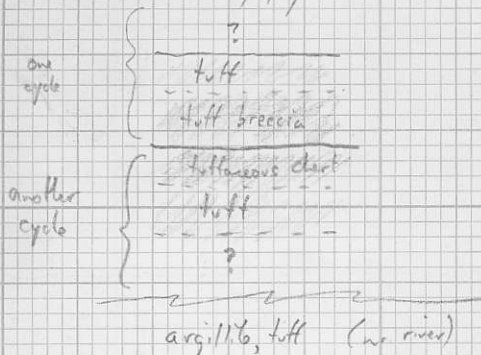
o/c pattern of tuffaceous chert indicates stratigraphic dips gently (10°) to the north. With tuffaceous chert overlying tuff.

HA83-73 Diorite - mod coarse, equigranular, feldspar 70% (pale blue-green), biotite 30% (after pyroxene?)
~~could be to~~ minor pp. (could be a sill, connecting with HA83-67.

83-CAAT-5 Br 30° 1% org no veg. o/c of chert, limonitic (poss weak Fe-carb addⁿ)

The very bright white patch on the air photo far south of camp (by pond) is due to sand (glacio-lacustrine?)

On the ridge 2 km south of camp, apparent stratigraphy is tuffaceous -clert underlying tuff breccia fining upwards to tuff (all dipping gently north) is overall stratigraphy



On the whole, these rocks are among the dullest which I have ever enjoyed the pleasure of mapping

AUG 10, 1983

EAST OF CAP

Traverse to north:

Another porph dike (qtz-tspars-bi porph, dark matrix). Like previous 3 dikes (each sl. diff in composition) this one trends roughly E-W

32865 X070/70-90S Set of fairly parallel qtz veins. Qtz is milky, barren, with some a little limonite. There are seven veins larger than 20cm (largest 50cm, a few more smaller ones) over 20m of outcrop exposure. Veins are somewhat irregular, branching etc. They cut phyllitic argillite (across schistosity). There is a little carbonate-altered volcanic ^{-float} 50m higher up gully.

32866 X130/70W Set of fairly parallel qtz veins. Qtz is milky, minor spec near wallrock rare (i grain) epy, slightly vuggy, limonitic. Veins range from 10 to 70cm, aggregate of 3m over 30m. Wallrock is tuff (?), much blue-black iron stain. Veins both cut wr. cleanly and horseshal into stockworks.

AUG 11, 1983 EAST OF CAP

83CAZ-106 150 cm x 0 (Dry) Gr br sand/silt, nod
1% org, pools; andesite tuff, porphyry, minor
hematitic volc ash chert, minor Fe-carb. Flows to 045°

32867 Abundant vein qtz float; milky, slightly
vuggy, minor locally abundant dark brown limonite
in holes, locally slickensided. One block
80 cm x 50 cm may be outcrop. o/c is sericitized
limonitic tuffaceous chert, slaty cleavage $\approx 100/405$

83CAAT-6 Gr br 1% no veg 30° below o/c
sericitic limonitic slaty tuffaceous chert

83CAAT-7 Gr 1% no veg 25° rubble of
sericitic limonitic slaty tuffaceous chert + qtz veins
(with much weathered py)

83CAZ-107 Gr br 10% org 100 cm x 20 cm nod
silt/leaves/sand, backwater, glaciated, 200 m downstream
from last tuff chert o/c. Flows to 090°

83CAZ-108 Gr br 5% org 200 cm x 10 cm nod
sand/silt/rocks, bark, andesite/glacial/vein qtz. Flows
to 060°

83CA7-109 Gr silt/sand 1% pools 50x10
mod tuffaceous chert o/c near (ven qtz host)

83CA8-110 Gr br silt/sand 5% brecciate
50x10 mod glacial

AUG 12/83

EAST OF CAMP

The prominent NNE linear on the ridges east of camp is unaltered, unmineralized. At southern end, a 1-m wide fspar-bi porph d. l. co hugs east side of linear (but is not wide enough to account for whole linear).

HA83-74 Hematitic (bright purple-red) tuffaceous $\times 100/255$ chert. Quartz stringers (remobilized chert). Sl. Phyllitic. Occurs interbedded ($\times 100/255$) with bright green tuffaceous chert (HA83-75) or locally grading through mottled zone in a single band. o/c for about 50 m vertically east of (and beneath andesite tuff which caps highest ridge. (Could be iron-rich unit elsewhere peripheral to exhalative??)

83CAZ-111 200x10 mod grbe sand/silt 5% org backwater tuff. chert o/c

There is a north-south cut-line ^{picket} passing through the middle of the o/c just downstream from 83CAZ-111. A picket about 50 m south of the creek reads "2000E 3250N" The line extends ~ 300 m N of the creek. Probably 2-5 yrs old. 200 ft further south "E 2000E 3050N." Soil sample pits

83 CAAT-8 R2Br 1% or 5° N:1 Rubble 50%
 of pyritic sericitic tuffert. Float: vein gltz ± ps ± py.
 Off air photo, see 1:50000 topo map 104P12W
 59° 42' N 129° 54' W E1 4430'

An east-west claim line passes about
 200m N of 83CAAT-8. It crosses picket
 line at E 2000E 3800N. Pickets are
 visible for a further 400m N (ie at least to 5000N).
 Followed east-west line for much more than 500m
 no posts. Possibly it is a well-flagged soil line.
 HR 83-76 Ser, lim, tuffert. No caps.