

842714

June 23/82

DM-II

Goat claims area
regional traverse.

Rocks:

~~DM-A~~: DM2T1-248: (outcrop
chip)

chip sample across 40m
of outcrop.

Sample is siliceous grey
sediment, with no
carbonates and minor
sulphides. Sandstone.

Weathers grey to rusty brown.

(K.S. Sandstone)

~~DM-B~~: DM2T1-249 (outcrop
chip)

(K.S. Carbonate siltstone)

chip sample across about
10m of well bedded but
fractured outcrop.

Sample is a very fine-
grained black siliceous sediment.

Outcrop: strike = 100°, dip ≈ 30° S.

DM/2: DM2T1-248A (outcrop
hand
spec.)

Hand spec. of highly
fractured outcrop ≈ 20 m
across.

Sample is identical rock
type of sample DM-248.
(K.S. Sandstone)

DM/2: DM2T1-250: (outcrop
chip sample)

chip sample across outcrop
 ≈ 20 m wide, weathering
gray and highly fractured.

Sample is a quartz
porphyry with black
fine-grained ground mass.
Also contains white phenocrysts,
possibly plag.

(K.S. Quartz-feldspar crystal
tuff with rare lithic fragments.)

DM2T1-251: (outcrop chip)

~~DM2E~~: Sample of white cubic crystals, $H=4$, possibly fluorite, on quartz porphyry.
From outcrop ≈ 20 m long, near summit.

Fluorite crystals appear at fractures in rock.

(K.S. Fluorite coating of fractures of Quartz-feldspar crystal tuff),

~~DM2E~~: DM2T1-251A (outcrop hand spec.)
from small outcrop on ridge summit.

Sample is a grey porphyry with $\approx 29\%$ clear phenocrysts (quartz?)

(K.S. Grey-green sandstone)

~~DM-6~~: DM2T1-252: (outcrop chip)

chip sample over ≈ 20 m outcrop, somewhat fractured, weathering greyish brown.

Sample is a porphyry with $\approx 10\%$ white phenocrysts in light green ground mass.

Contains some sulphides (Smells when hit).

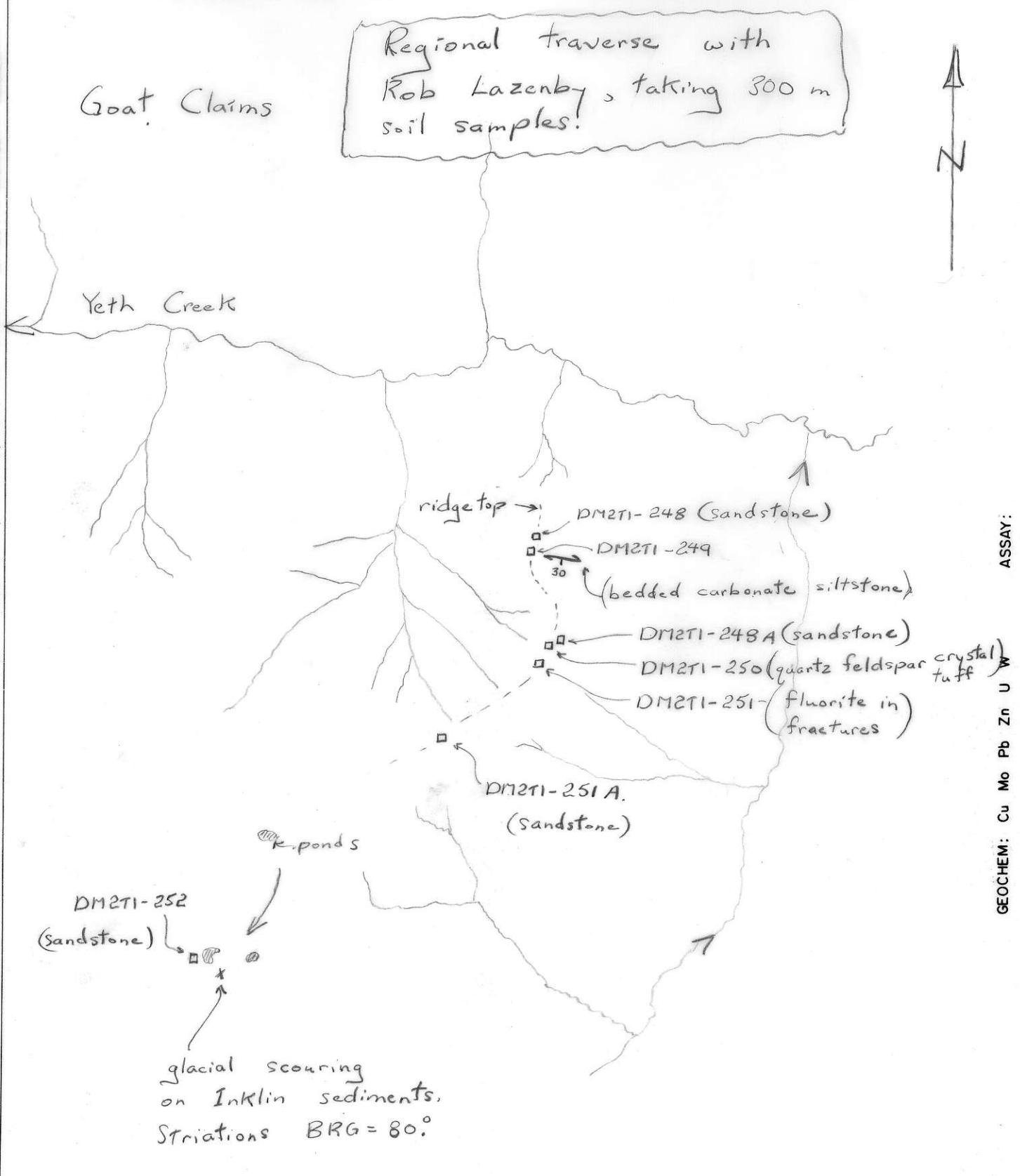
(K.S. Green sandstone)

Summary:

Rock is generally unaltered Interm. sediments over whole route traversed.

Project M504	NTS 104 K	Scale 2" = 1 mile	Page 1 of 1	Traverse DM-11
Sampler Doug Madgen	Location, Target (words) South of Goat claims regional trav.		Sample Nos DM2T1 # 248 to 252.	
Date June 23/82	photo no. BC5615-235		Cert. Nos	

WSC-02699910108
 ATTITUDES
 100/40 N
 SANDSTONE SILTSTONE
 CONGLOMERATE
 VOLCANIC
 SPECIMEN SITE A.B.: DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHERT
 SHALE
 LIMESTONE DOLOMITE
 SILT X SOIL
 INTRUSIVE
 GOSSAN, MINERALS
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED....



DM-11

June 23/82

Regional Traverse
South of Goat Claims:

Doug Madsen
Rob Lazenby

Rob and I were dropped on a ridge just above tree line south of Yeth Creek. We headed south along the ridge, with Rob taking soil samples every ~300 m and me chip sampling available outcrops.

Geology was generally unaltered Inklin sediments along our traverse route, with some fluorite in fractures of a quartz-feldspar crystal tuff containing rare lithic fragments. (see DM2T1-251).

Rock samples — 5 analysed.
