

013133

July 21/70 Walter Hamilton

115 H5. Traverse 70. Creek
flowing North into Isaac Creek

According to Empress project
geologic map I'll be
going thru a contact.

Starting in Yukon Group,
ending up in Ruby Range
Batholith - mostly gtz
monzonite. There is a
Gosson almost at the mouth
of Isaac Creek, to W of my creek.

From Chopper several rusty
outcrops were noticed in the creek
to the W of my creek. Looks like
it might be a fault
connecting up with headwaters
of my creek.

Landed at silt 28255
which had an area 20 diameter
of very red rocks (float) for
no apparent reason. Float
was mostly granite (quartz
monzonite?) with
some andesite, some
andesitic felspar porphyry, +
some felsitic felspar porphyry.
Very little Yukon Group altho

July 21 W.H. - Pg 2 Traverse 78

This is what the Empress map says
it is.

28256 No Y.G. float. All Granite
just at the sharp bend in the
creek there is bedrock on the
E side, in the creekbed, which
appears to be Y.G. dipping
at 40° N. Across the creek
where I walked, there is
quartz porphyry intrusion

Rock 21-1

covered by Yukon Group quartzite
22-2 π

Also some augen gneiss in area.
The Yukon Group has fractures
running in all directions
but no mineralization was
found. Red rocks nearby,
i.e. 200' to N of last contact
observed (which was 100' south of
sharp bend, on W. side) were
checked for mineralization
with negative results. A
great deal of folding of
the Yukon Group has
taken place here.

Across the "fault" to the NNE the
Yukon Group bedrock is
striking at 120° , $D. 30^{\circ}$ N.
Must be a fault - very
noticeable folding here too

July 21 W.H. Pg 3. Traverse 20

Quartzite bedrock here but
muscovite qty. sheet talus.

Some outcrop of light coloured
sugary textured crumbly rock
which fizzes slowly with
.2N HCl perhaps Dolomite

21-3 Rock →

Water sample W 28251
was taken in the fault 600 ft from
my creek.

Going N on fault on W side. In
Y.G. folded. Some of the
dolomite? stuff. a few really
rusty talus rocks

21-4 → Pyrrhotite in andesite
(very minor)

All Y.G. on both sides

100' past the breakwater divide,
on E side is a band of
red rocks which are qtz
porphy + Po (minor)

21-5 →

Intrusion
after faulting
Across the valley is
another band of red rocks
which, if qtz porphy,
means this is no fault at all.

21-6 very rusty weathered altered rock
from same area.

21-7 Another 100' Pyrrhotite in qtzite.

21-8 - finely diss. Po in rusty qtzite + l. on
28261

July 21 W.H. Pg 4. Traverse 70

Some rusty Y.G. in stream but mostly Alaskite - Qtz monzonite stuff.

Tony + Gary picked me up.
Went to the Gossan 3/4 mile North - looks like fault fractures. Qtz monzonite in bedrock in area.

SILT SAMPLES

MAP (PHOTO) NO. 115115

PG: _____

ATLAS EXPLORATIONS

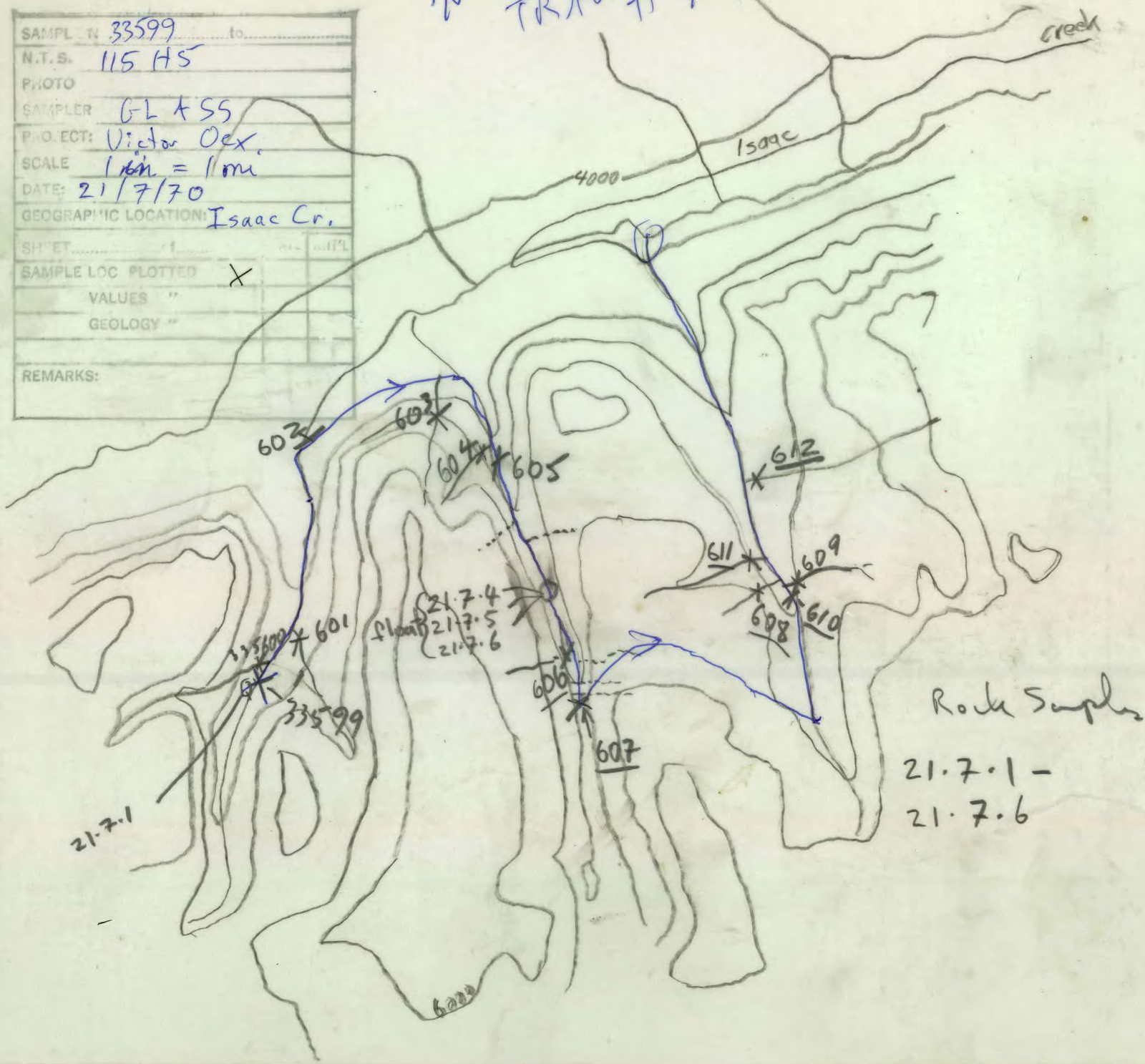
PROJECT Victor OexSAMPLER GHASSDATE 21/7/70

| SAMPLE NO. | STREAM WIDTH | FLOW | SAMPLE TEXTURE | ORGANIC MATTER | FLOAT | OUTCROP | NOTES (STAINS, COLOR, SEEPAGES, ETC.) |
|------------|--------------|------|----------------|----------------|-------|---------|---------------------------------------|
| 33599 | 13 | S | st | ++ | | | |
| 600 | 2 | M | sd | + | | | |
| 01 | 4 | M | sd | + | | | |
| 2 | 6 | M | sd | + | | | |
| 3 | 1 | M | sd | + | | | all granitic |
| 4 | 2 | M | sd | + | | | |
| 5 | 8 | M | sd | 0 | | | |
| 6 | 2 | M | st | + + | | | |

| | | | |
|---------------------|-------------|----|--|
| SAMPL. N. | 33599 | to | |
| N.T.S. | 115 H5 | | |
| PHOTO | | | |
| SAMPLER | GL & SS | | |
| PROJECT | Victor Oex. | | |
| SCALE | 1 in = 1 mi | | |
| DATE | 21/7/70 | | |
| GEOGRAPHIC LOCATION | Isaac Cr. | | |
| SHEET | | | |
| SAMPLE LOC PLOTTED | X | | |
| VALUES | " | | |
| GEOLOGY | " | | |
| REMARKS: | | | |



TRAV. # 71



SILT SAMPLES

MAP (PHOTO) NO. 115145

PG. _____

ATLAS EXPLORATIONS

PROJECT FOR 06SAMPLER W HamiltonDATE July 21/70

| SAMPLE NO. | STREAM WIDTH | FLOW | SAMPLE TEXTURE | ORGANIC MATTER | FLOAT | OUTCROP | NOTES (STAINS, COLOR, SEEPAGES, ETC.) |
|------------|--------------|------|----------------|----------------|--------------------------------------|---|---|
| 28255 | 7.0 | S | ST | + | Gr. Y.G. & Roph. | — | All rocks 20' radius stains very red. No apparent reason. |
| 256 | 6.0 | F | ST | — | All Gr. | — | |
| 257 | 0.5 | S | ST | — | — | — | |
| 258 | 0. | 0 | ST | — | Mostly Gr. Some sh. & andesite | | Taken in dry stream bed |
| 259 | 0.5 | S | ST | — | Y.G. | | |
| 260 | — | — | — | ++ | — | — | Soil. |
| 261 | 6.0 | m | ST | — | Gr | | |
| 262 | 5.0 | m | ST | — | → | Bit of OTz manganite (alabaster) | Chopper hope Gary |
| 263 | 5.0 | F | ST | — | → | " | |

| | | | |
|--------------------|-----------|------|---------|
| SAMPLE NO. | W.H. | | |
| N.T.S. | 115645 | | |
| PHOTO | | | |
| SAMPLER | | | |
| PROJECT: | Vic | | |
| SCALE | 1" = 1 mi | | |
| DATE: | | | |
| SYMBOLIC LOCATION: | | | |
| SHEET | of | DATE | INITIAL |
| SAMPLE LOC PLOT | plotted | | |
| VALUES | | | |
| GEOLOGY | | | |
| REMARKS: | | | |

Sekulmun
Lake

W.H. July 21. Traverse 72
 Landed on an area of very red rocks. Float mostly
 Granite. (255) Fl. all G₁ in 256. Contact area
 shown. Yukon Group quartzite folded a great deal;
 Qtz porphyry intruding underneath. Y.G.
 all striking at 20°; dipping @ 50°, but
 across the trench the Y.G. strikes @ 120°.
 Again considerable folding. The entire
 trench is believed to be a fault - signs
 of folding of Y.G. throughout both
 at the grab level & in broken rocks.
 Many rusty rocks, especially in
 south end of trench, but without
 much mineralization apparently.
 North of 261, going towards the Gossan,
 there is Granite bedrock (Qtz monzonite-
 alaskite outcrop in creek @ 262)
 Gossan is Alaskite - Qtz monzonite
 apparently not mineralized.
 Chopper hopped the creek 2 miles
 West. Red slope - Qtz monzonite-
 alaskite in area of 265-268.
 Soil is Khaki colored. Some gray
 feldspar porphyry bedrock in
 creek.

x sand
 o silt
 Δ water

W.H.
 Traverse 72

