

841118

FIELD NOTES

W.A. HOWELL

SHAW CK AREA

MAR 26 - 30 1978

M467

MARCH 28

W.A. Howell
with G. Hofmann

N. SHAW CK - LIC CONICHAU
AREA.

rain

sampling commenced at the
desirable location, immediately above
a log jam and below a small
waterfall/chute.

WH-78-1 was panned from a gravel
bar on the W bank of Shaw CK
- No visible W under UV

WH 78-2 a small tub 50'
downstream from the west.
silt sample collected
No visible W - Pan under UV
abundant minor gty.
occ f. assay and
predom "greenstone" at both
sample sites.

WH 78-3 pan sample, westerly trip.
No visible W under UV.
almost negligible mag. sand is
predom "greenstone" (epidote rich.

WH 78-3 contd.

location is on w bank of Shaw CK
30' downstream from log jam

WH-78-4 - pan sample from

Shaw CK, w side ~ 200' down
from log jam
shown ~ 3 clay shaly grains
up to ~ 50 mesh size under U.V.

silt sample WH 78-4 is the
pan residue from a pans full
of coarse river gravel.

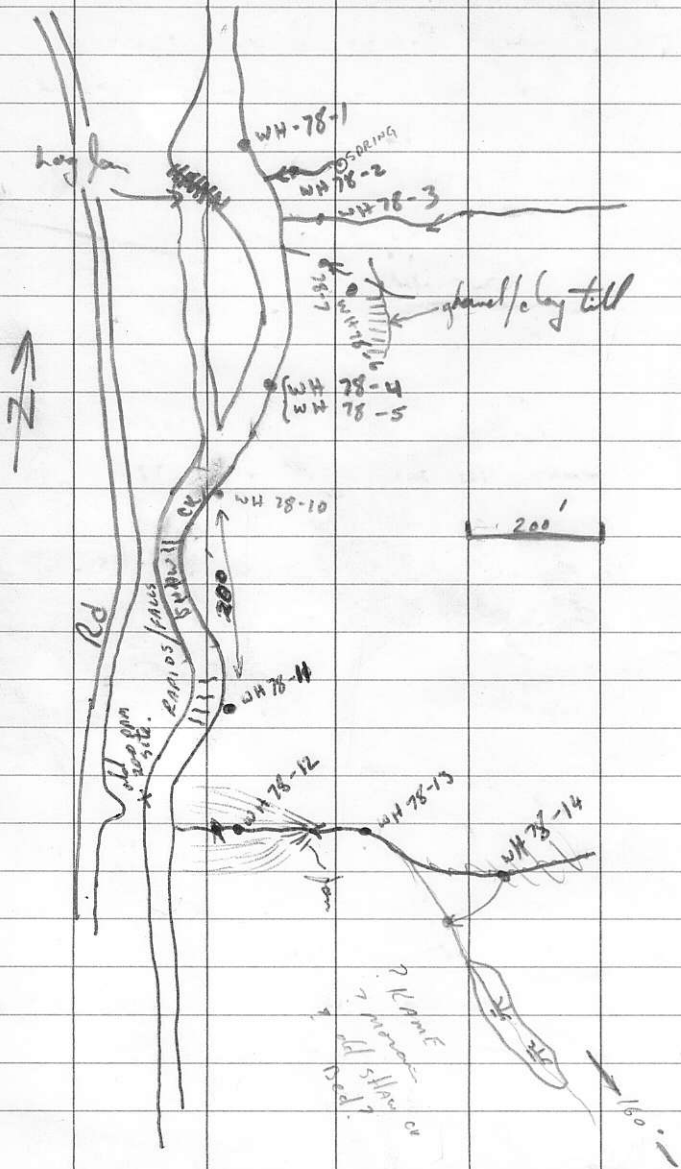
WH-78-5 is Virgin river gravel
at the same loc'n with only
large cobbles removed.

WH-78-6 residue on steep material
with some natural washing from gravel
clay till bank S. of drainage 78-4

8 tiny columns of ? Powellite obs.
~ less than 100 mesh.

Mar 28 / 78

W.A. Howell
with G. Kapsner.



3

MAR 29

SHAW CK

W.A. Howes
with G. Laforme

~~WH-78-9~~ Yesterday (28th) following
 WH-78-9 a recce was made to the
 headwaters of East Shaw ck - the
 N side of the headwaters is vesicular
 basaltic andesite with ^{no} trace of scheelite
 in the creek. the ~~North~~^{North} side is variable
 volcanic meta-seals cut by fine grained
 vesicular chloritized hb diorite with
 common oliv. py. also cut by a med
 qty feld. py. the east side of the
 creek draining this area show trace
 (2 or 3) columns of very fine scheelite.

a pan sample at the upper bridge
 yielded 2 columns ~ 50-60 mesh
 the site previously sampled 40 ppm W

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WH-78-10 pan sample from E side of
 Shaw ck shows 8 columns.
 2 of which were 50-60 mesh.
 an adjacent 12" qty vein did not show
 any accessory scheelite under UV.

Mar 28/78

WH 78-7 ~~stone~~ pan sample from
stream through till bank
showed 8 colours very fine scheelite
3 colour " " ? powellite

silt sample WH-78-3 may
have possible minor contaminated
silt the pan sample did not.

APPROX. $\frac{1}{4}$ mi upstream the
road crosses Shaw ck and
follows the N side of a Major
tributary from the west.

WH 78-8 was panned pan gravel
on the S bank of the trib \approx 100m
up from Confluence with Shaw ck
2 fine colour scheelite,

WH 78-9 was \approx 50 m upstream
from coarse gravel, yield was
14 colours 3 of which were
50-60 mesh. + 2 very fine.
? powellite

MAR 29

SHAW CK.

W.A. HOWE

3

with G. LAFORME

WH-78-11

collected from a natural "basin" in bedrock
~ 4' deep & 4' across, coarse sand & fine
gravel yielded 12 colours of scheelite
3 of which were ~60 mesh
and approx 2 doz. very fine ? powellite
bedrock is dark green slightly porphyritic
andesite and meta tuff/siltstones

WH-78-12

from drainage opposite 200 ppm site
and ~ 200' downstream from WH-78-11
yield was 8 colours 60-80 mesh
of scheelite and ~ 20 colours of ? powellite
1/4 of which were ~ 80 mesh.
this site is most certainly free of
Shaw creek contamination and is located
at the base of steep turbulent drainage
on the tributary

A N-S Tpl line marked with fluorescent pink
ribbon and BINDER TWINE labelled line 13
with fluores yellow green & pink station ribbons
ie "A 66" cuts across SHAW CK ~ 25'
downstream from WH 78-11

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W.A. Howell
with G. Hafornie

the Binds twin line is ~ 1 yr old
& not likely more than 2 yrs

WH 78-13 approx 200' upstream from
#12 and well within the stream

erosional ravine, #12 was on the
discharge fan of the creek.

#13 yielded 2 columns 60-80 mesh of schedit
and 3 very fine ? powellite grains

the possibility of contamination from lateral till
deposits is not yet ruled out (lateral to
Shaw ck.)

WH 78-14 200' farther upstream
6 columns 60-80 mesh schedit
6 very fine ? powellite

creek ravine is less steep, probably a gentle
gully, ~~and is probably above the likely
head of paleo-shaw creek lateral deposits~~
upstream from 78-14 the drainage
trends 160° sub-parallel to Shaw ck.
and following a bench.

ON LATERAL
DRAINAGE

4

a well defined swamp is present
for ~ 300 feet and numerous springs
and seeps but no clearly defined
drainage feed this swamp

WH 78-15

further to the SE in a fairly major drainage
from the "suspect hill" coarse angular andesitic
gravels yielded 50-60% schistite columns.
half a dozen of which were 50-80 mesh.

examination of float yielded qty vein?

material with py & z contained specs of schistite.
the sample is on alluvial fan material
but appears ~~not~~ above any show ck
pale contamination.

remarkably little black sand was present
in this sample.

WH 78-16^(S²⁴ CR) taken at the base of a series
of cascading waterfalls at an elevation
of ~ 500' above Brown ck at the upper
extremity of logging and above all
till. ~ 60-75% columns of variable
size from ~ 30 mesh on down.
No mag. but visible fine py tail
in the pan.

WH 78-16 (cont'd)

a 2 pan concentrate was collected in addition to a gravel sample with coarse material cobbled out.

elevation @ WH 78-16 1135

elevation @ Main Rd 800

~~##~~

MARCH 29/78

(with G. Hofmann.)

WH 78-17 el 1275 working

upstream from WH 78-16
at base of next series of water falls
gravel yielded ~ 75 colours 3
of which were 20-30 mesh

a single piece of float containing
shellite was found. - greenstone

cut by qtz epidote vein with
a reticulate very fine net of calcite
veining cutting everything

the largest shellite grain was ~ 1 mm

Mar 29/78

~~4/1~~ -78-17 (w G. LAFORME)

collected at the head of a small gully uphill from the swamp. the gully ends in a small cirque like depression ~ 100' across the only drainage is a small waterfall at the head ~ elev = 1400 to 1500 gravel is scarce. a pan yielded ~ 100 colours 1 or 2 of which were ~ 20 mesh and maybe a dozen + 50 no schuchite plant was located precolonial rock is epidote-greenstone occasional ball quartz 1 pc of feld spg of diorite

the hillside was then climbed (scaled) to approx 2000' el where further climbing in the creek became too hazardous to continue - rock remains epidotefeld greenstone no schuchite observed very little water is in the creek.

~ 300' N at ~ 2000' el. a small clearing bears 038° from the confluence of Spaw ck and the main river

the swamp is ~ -50° slope at bearing 236°

sample wt 78-20 was a poor gravel sample

Sample 78-20 is ~ 800 to 1000' upstream from upper limit of old logging in the creek.

NIGHT TRAVERSE. MAR 30/78.

elev. 950 at SHAW CK. pct with E SHAW

MAIN MI = 38.0

MI 5.5 = 38.6

mid ch = 38.7 elev. 1120

span at Bridge ^{mi 6} = 39.2, elev. 1315

sample ④ - augite py
~100' above upper bridge on east bank MI 39.25 1 suspect grain.

1st ck 39.5 el. 1505

3rd ck 39.6 el 1580

mi 7 = 40.1 elev. 1915 also

major pct to east.

6 MAR 29 / 78

144
180
24

from uphill of the clearing the mtn
appears to be turning facing the
point of Shaw ck above the 200 ppm site.
at this point a small draw trending
~ N-S appears to head and there
is a flat top break continuing the
trend southward. a small steep
on the east side of this N-S lineament
yielded a pan of gravelly dirt which
had 1 small (~100 mesh) suspect
colours.

this draw was followed downhill.

~ 300' N a bag of 324' was taken
to the bridge across Shaw ck leading to
EAST SHAW MAIN

traverse continued back towards track.
towards main ck down to ~ 200 ppm site
after dropping into Main Creek gorge.

with 78-20
28

a sample was taken at the foot of a waterfall
yield ~ 100 colours 50-100 mesh
5 or 6 more 50-60 mesh

No reaction from my float.
reasonably abundant minor field
py ± py.

40.2

"close" 45 IE

elev. 1980

40.3

ck

elev. 2020

40.35

rod jet to NE

elev. 2030