841978 Queen Charlotte Gold
M466

77C3 - SE end Shiela Ck
- small ch - strong rusty with py hfs - .9% dio float
- still some spessartine type qtz vlts
- also some alt intr with minor qtz vlt

⊕ 77C4 - Chs - SE Corner Shiela Lk.
- rusty w. hfs - minor sparg. type veinlets

⊕ 77C5 Main Ck. - Send Shiela Lake
- much rusty w. hfs float - some qtz dio
- no qtz veins until seen at delta
Larger Ck - 500' NW not sampled
- similar float - more dio - no qtz
looks deader

77C-17 - Sil zone? - qtz dio ø? - float - SW corner lake - 2% dio py - float leached
Rhs - bleached?? - or pahgos a very siliceous FP to start
- heavily float py
- minor late crust space qtz

⊕ 77C-18 - Strongly sil - locally bx or colloy
NW Shiela lake - py leached - no visible qtz

⊕ 77C 19 - Float with qtz vlts - 7500' N [illegible] 1400 ft.
- some open space textures

77C 20 - Sil ex from NW end lake
- no qtz vlts

Shiela Lake - North → Main Rec. May 22/77

- Crossed Shiela Ck 430' el - top of small waterfall
- OC's py hfs - minor qtz - py vlts - cut by pyr. qtz dio dykes
77C 21 - mixed suite of above
77C 22 + Yamile along tarp picket line near 37+60
- small ex rusty sil - hard flinty felsite
- strong fract pyrite.

⊕ 77C6 - Silt main trib Shiela from west slope
- OC's weakly to strongly pyritic felsite - flow banded - bx - hfs
- fract py intensity variable
77C23 - mixed rk suite of above
- much py in creek float but only 2 qtz veins seen
- pyritic OCs between - hfs?
Next creek - grey dac vole? - fgr
- pyrite weaker in OC ex float
- also definite pyrh.

Larger Ck ≈ 4000' from C6 - No sil
- dacitic - ignimbritic?? vole
- pyrite much weaker
- no qtz

- Next Large Creek +1000' - Same but py weaker

Nov 2, 1977

Took lower rd at end of 41D and dropped into small trib of King Ck
- Kunga - soft - unalt? Got consid float of pyr. cgl.
77C7 - silt
77C-24 - pyr. cgl. - matrix strongly silicified
77C-25 - Impure wackes with float & dss. py
Next small ck. - 300' - similar float

77-C8 - Not. OC's
⊕ C9 - Silt - Major Ck entering from South
77C-26 - abs. dyke - sulfide bearing float incl. - many sst with py - sph? vlts
- silicified vlts with fract py - carb
- Minor. pyr cgl in float not sampled
77-C-10 - Main King Ck at junction above
77C-11 - Trib from W - many weakly py cgl boulders
77C-12 - Creek starting to canyon - turned back - some pyr. felsite - some silicif in float - nothing real hot
Note In Sedo all the way up ck. Uppermost sedo look a bit like Haida
77C13 - 1st Major trib from North - dacitic from Stand.
77C27 - Float - py - sil - Mixed? - Mostly
t.b Kunga - not alt.

J. C.

(+) - Shipped for assay

S of Marie Lk May 22, 1977

Quarry above truck - el 600'

Hai. sst 140:55 NE

77C14 - hfs with 1-2% sulf. hairline fmts
calcite vlts

Cut by felds ϕ dyke - contact 100:72 S
sheared

77C13 - 3-5% diss + fmt py - ϕ strongly sheared

77C15 - scattered oc's of pyr. hfs and
then intr for next 800' W
to end road

100' beyond end rd. oc's intr. looks
more mafic less py

E side Sheila Lake - 100' above
- most angular float is f.gr qtz dio
with minor dis. py
- Some rusty W. py hfs - prob. float
from higher on hill

77-C-1 Silt - 50% organic - small ck
NE side Sheila Lake
- then oc's qtz dio.

(+) 77 C-2 - Creek - E central Marie
77 C-16 - qtz vein float from above ck.
- up to 8" wide qtz. bx zones.
- open space textures

77C28 - Silt - Next large ck - E of 1st Slash
Float mainly tb. Kunga but some
Masset? with dis py & fgr inter
with dis py

77C29 - Silt - next ck +1000E - other
side of Primary Bread in slash

77C30 - steep gully ck - between two
logged areas - end of roads

—//—

(1) 77C31 - Sample for Au ck geochem
from new quarry on
new road S of Marie Lake
- from samples previously selected for
assay (560 ppb Au)

SILTS:
77C 2, 4, 5, 6, 9 Geochem for Au, As, Ag

Rocks
77C 18, 19, 31 - Rock Geochem Au

Day 3 - May 27

Shoreline Traverse - N. from Beresford
to silt main creeks.

77C32 - major creek S of Sialum
Bay - around pt. from
Float 70% Barren unmet. Kunga
30% grey-green dis. felds Ø.
- very minor pyrite
dyke rocks ?

77C-33 - Beresford Bay - fossil area
creek.
- Float entirely unmetamorph. seds
not very interesting
1/4 of sample from small ck
500 N of main

77C34 - main ck +500 S
Definite unmetam Kunga is
main float type

Day 4 May 28

Traverse up Beresford Ck.
GR. took notes
JSC collected samples

May 29/77

Traverse up main E.
Fork of Beresford - Richards

77C35 - Silt 1st ck from N
- no high sulf. float. Looks like
mainly Masset ? + gd.
Boulders from Till??

77C36 - Next small cks off N Slope
opposite major fork in Beresford
- composite of 2 smaller cks.
- All float appears to be basic Masset
Volcs.

OCS Basic Masset in main ck.

77C37 - Next small ck off N
Slope - all Masset Float - no
sulfide

77C38 - larger ck from S - float basic
Masset volcs - consid jasper

77C39 - Next drainage from S - Masset Float

77C40 NE Fork Main Ck. - all
Masset Float

77C41 SE Fork Main Ck. all Masset
Float

BERESFORD FOLLOWUP SEPT 10th

— checking out geochem. in 2 ck N. of Beresford

77C550 - Re-sample 25 ppb ck R but 100' upstream - prob. better sample - small float in ck is soft Haida's shale

551 - very small seepage ck draining over dead looking Haida siltstone

552 - re-sample? - prob 180 ppb anomaly ck sample R — ok's dead looking Haida gbe - sst - grit just below in Beresford

553 - Re-Sample - larger ck +2000E prev. R

TRAVERSING UP C552 CK.

554 - small ck from W +500 - much ck. gen f.p. float with dis. py - off hill

555 - larger small ck from NW +200

556 - small ck from N +300 - Prob. the Main Ck - Yes!

557 - Main ck - +1000 at base of slope adj. to big swamp bend. First pebbles in float - def. qtz vein & qtz lockscombe matrix - Spec

ROCK 558 - small oc in ck +500 HG sst with trace disem. py - No qtz seen

- similar scattered oc's for several hundred feet + some pebbly sst. No qtz vlts seen in place

- May be coming out of TRL cover.

SEPT 10th Cont

C559 East Fork
C560 West Fork > Ck C550 1/4 mile above.

561 - Highly Toonshifty - silt - small ck draining to NW from swamps at ridge top N of C560

C562 - Large Ck +2000N - drain N. side of area of interest

C536 - small ck from S +300 East

Sept 11th

Upper Nabob Ck

C564 - Med ck from W - 1/2 mile N of Fahs?

565 - W. Fork Nabob - 10 min above junction

566 - Trib from East

567 E Fork Nabob

C568 - Med Ck from E - 1/2 mile below junction

569 " " " " +800 - perhaps at 568 plot

570 - " " " " +2000 - higher on hill

77C42 - S. Fork Beresford - Bulk of float is Kfs Haida? - minor fract pyrite - several types of dioritic intrusive
3 pce qtz vein material contain
77C43 minor Cu
77C44 - Next creek from S
- Float 90% barren diorite
10% hfs Haida?
77C45 - Next ck from S
Float mix dio & Masset

May 31

Return traverse to beach along S. Side Beresford Ck.
77C46 - Silt
Float contains qtz veined & sil. dio & volcs + hfs Haida + py
Some int. volcs
Qtz vlts in sil dio with open space texture
77C47 - Rk. character sample of silic. rhs. in float
77C48 - Next Main ck from S
- Float incl qtz-py-vein material
adj. weakly py dio - hfs rhs
77C49 - Character sample qtz-py vein material

77C50 - Main South Trib from E of Pivot Mt.
- No prominent granitic in float
77C51 - Silt med. size ck off Pivot Mt.
52 - Lost
53 - Camp Creek
54 - Creek - E corner Camp bay

June 1

By boat Beresford to Salem River
- gas cach stolen

June 1

Traverse up Salem River.
77C55 - 1st trib from W - oc's of talc - clay?? alt volcs and tuff. - deeply W??
77C56 - Next trib W - no oc's
77C57 - Next trib W - no oc's
77C58 - Next trib W - N end of meander set-up in ck
77C59 - Major trib draining lakes to West

June 2

Traverse to check drainage S and E of [illegible]
77C60 - OC's barren int. Masset in small trib.
77C61 - slow deep flowing large creek
77C62 - Next drainage entering from S
- float - all barren int. Masset [illegible]
77C63 - Major Trib from S.
- acid - int Masset
OC S. banded rhyo? - ignimb?
rusty W
- no sulfide seen

June 4

Traverse out on E side Salem R.
77C64 - Silt - 1st major trib N of Camp
- acid & int. Masset in float
77C65 - Silt - next major ck from E
- all Masset Float

June 5

Follow-up on King Ck. Anom

77C67 - Silt - small rusty ck behind landing - truck parked - alluv terrace float py oc's
- cons rusty lits sub Alld in ck

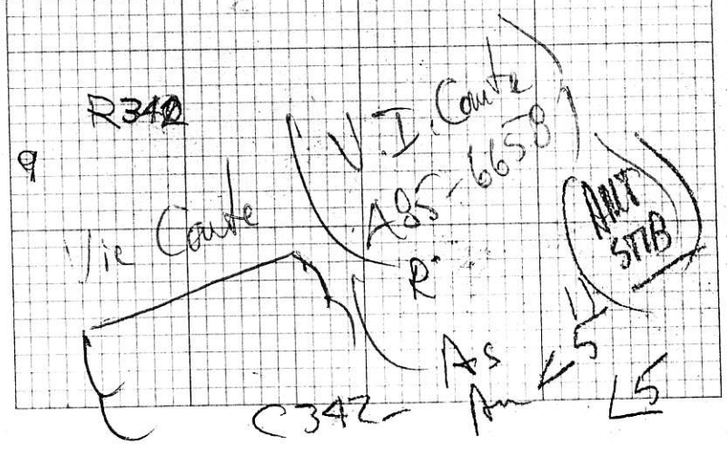
68 - Soil +500N65 - clay soil mixed with rust-brn pyritic float
oc's unmet shale + sandst - small ck.
- some pyritic zones

69 - Soil - red brn - +600 - above gd hill steep - pyr float
CROSSOO OVERLOOS

77C70 - Headwaters anom ck - much rusty lit float
drains hill to West
- sample of small clast comp gravel

71 - Talus from SLS
72 - Main RK above talus
- OC - soft black sh at junction
- slightly calc lit
73 - Silt - near talus from W
RUN 74 - strongly lits - sh - ss - grike - fract and diss py
oc's of gritty sst just downstream
cuts much less py
and vein less alt

77C75 - float talus from East
- back into hard pyritic oc's again
oc's downstream - show siliceous ss patchy and irreg within shale
76 - float silt - small ck from E
77 - ROCK - strongly silic & pyr rks at creek junction
78 - Silt - Large talus from East
79 - Silt - Large talus from West
- strongly silic py oc's along it
77C80 ROCK - pyrite on hill above ck
81 - Rock Chip Sample - grassy cut and road above truck parked.



Dan Toy - Acme

Rocks

	77R	66	-	0 125	5
		68	-	0 74	5
	77C	24	-	10 95	
		26	-	0 90	10
		46 47	-	0 60	5
		* 49	-	0 95	
				400, 93, 145.	
		74	-	0 5	10
		77	-	0 55	5
Silts	77R	40		0 105	5
		41		0 10	5
		(C 46)		0 10 5	(C46)
		47		0 20	5
(C → (R)		48	210	12	5 -
		52	10	32	5
		53	0	12	5
		55	10	16	5

		Au	Ms	Sb
77C	11	0	22	5
	67	0	79	5
	70	0	126	5
	71	0	40	5
	72	0	100	5
	73	0	234	5
	75	0	50	10
	76	0	260	15
	78	10	73	5
	79	10	286	5

Lot For Assay Got Shipped
77C 10, 12, 13, 60, 69 80, 81
77R 67

Juliet — Thain —
224-7343

R469
210 As
15 Au
Rawn
466
65 As
10 Au
R437
25 Au
9 As
459
325 As
75 Au
465
220 As
5 Au
461 65 As
10 Au

469 - 210 As
15 Au Dup.
R352 560 As Dk Chip
90 Au Meadow Ck.
C445 7 As
60 Au Boonchain
C423 4 As Boonchain
60 Au
R445 7 As
60 Au Boonchain
C360 6 As Deeva
25 Au
R503 - 27 As Longman Dk Chip
25 Au
R329 - rock
115
75 Au Mosquito Lake

C69-20 C83-25 86-20

$63.

$1.00
As 1.00
Sb .45
Hg. 2.50

Aquisition $60-70 per unit
- state
signing 2000
work 10,000 - by us @ 150/day
$5000 before drilling
min $10,000 + 1.00/ft per year
or $1/ft $ - carried 10%
(Minor 100,000 payment)
224-7343

Float Camp Ck - Interesting
- much strongly sil. Desire with
diss py - cut by qtz. ± py - ults
Bx - with minor py & chalcedonic silicif.
of matrix
- large qtz vein float
- Grnst. Karmutsen
- rhyolitic rks? Tests

C360 - As - 6
Au - 25

June 9, 77 S. Side Kootenay Inlet

from camp East

77C82 - Rusty w/ - sil. + py float camp creek

83 - Silt - poor - lousy hfs

84 - 1st ck's - rusty w/ + b Kuiga - Crack py

85 Silt - small ck's from SW - float mostly, smaller - rusty w/ strong sil & py

86 - Silt - small ck +800E missed next 2 small ck's

87 - Silt + Composite & following 2 ck's near base & steep slope - float wk - 5 dy sil 6x - volc?? - some py

88 - Rock - hfs - sil? + b Kuiga - strong float & diss py - ck's in ck below and for next 300' base & slope

89 - Silt - ck +500 from 87 - - disappears into sink 300' below on flatter ground

1st Creek beyond Camp Ck Slide Fan

90 - Silt large ck +1000S - Scattered ck's py - hfs + b Kuiga in between - Note 100' sill py diab in ck below may be connected

91 - Next major ck + 300E

77C92 Silt - Composite next 2 small ck's +500E

93 " " " " " " +300E

94 - b hfs - sil?? Kuiga - Fad py

95 ch'l + gtz v hfs - gtz diab?? - strong micro fract + gtz network

96 - Med ck +200S

97 - Chip Sample across hill - all pieces contain gtz vein mtl

98 Chip - mixed b Kuiga hfs + py + sil?? and gtz v. info.

99 - Silt - above ck

100 Silt - 3rd small ck + steps - ck's py hfs - garnet? info - float & strongly sil - bleached + b Kuiga & hfs ± py ± strong gtz v hfs

101 Strongly gtz - py vein float - next small ck +200E

ck's - strongly bleached - sil? & py + Kuiga along hill next 300'

102 - 99 ck at beach

June 11 - Cpd - Rain

Traverse SE end Kootenay Inlet - work up main ck to end access - bearing 160° to base slope

77C103 - Silt 1st ck - ck's hfs + b Kuiga Camp at ~ sea el 50' - cut by gabbro dykes with diss py & feldspar " " " " " weakly hfs Kuiga up hill

ck sil + py cgl on top ~500' el

77C104

77C105 - Silt - Small ck +1500S at ~500 contact

~~77C106 - Small ck~~ ck's strongly pyritic diab and hfs Kuiga

77C106 - Small ck +800S - Sorel Swamp - py in dacite dio & hfs in float

77C107 - Silt larger ck +800S - end of swamp Section approaching hill

77C108 pyritic fault gouge - bed in Kuiga ck

109 Silt - fault up stream ck - fault dipping swings E

77C110 - Silt small ck +1000S - Slide with the end

Float & py hfs & dio

Slide mtl. angular hfs - pebbly with diss py and some silt and carbonate alt in matrix

Sept 13

Jalony River Followup

77C571 - small ck 2000' N of lower anomaly ck

77C572 - Large ck 1500 N. of " anomaly

77C573 - Re-sample Anomaly Ck.

- lower oc's dead grey andesite - upper - rusty

wl - deeply wl tuff ?? - then more grey and. above

- granitics in ck - Till ?? - grey & andesite above

C574 - N. fork. anomaly ck

C575 S fork anomaly ck

C58 Au 250
Ag 6
Ag 20

69 7,500
1000
>20

79

Shield Mountain C459 - 275 Au
20 As

474 - 25 Au
45 As

476 70 Au
34 As

Back 477 20 Au
58 As

479 55 Au
85 As

480 - 15 Au
70 As

Shield R484 - 35 Au
13 As

Back 490 65 Au
35 As

R495 - 15 Au
160 As

496 20 Au
270 As

497 20
40

498 40
175

499 15
27

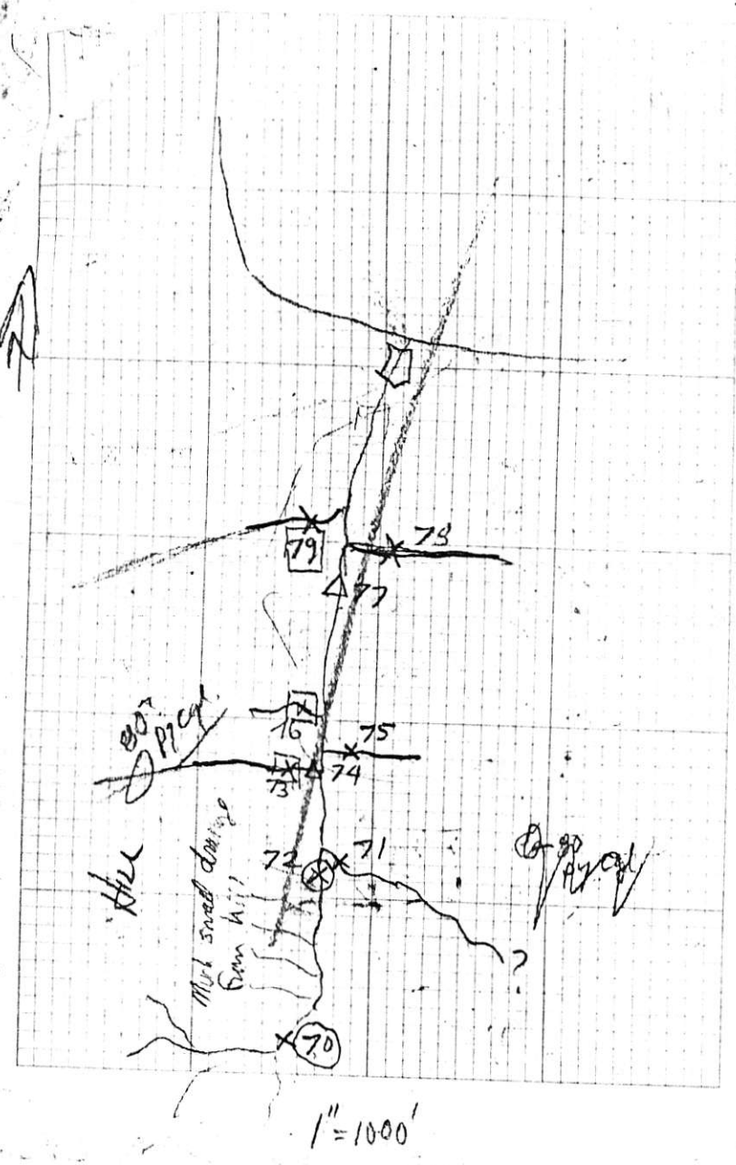
Back

C75 35 Au King
40 As

R437 Hibbern
28 Au

459 -
325 As Kam Peck
>5

415 220 As Kam Peck
5 Au

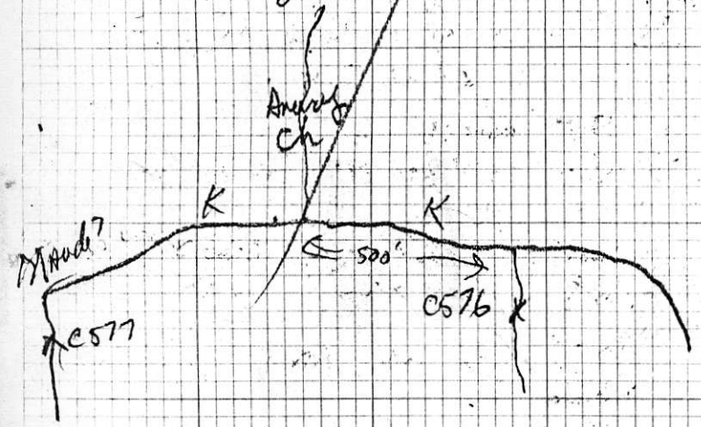


1" = 1000'

Sept 16/77

Searched for Skerist claim posts on King Claim

- 2 silts - W. Side King
- both good small ck.



Sept 17/77

Sheila Ck Followup

77C578 - silt main Sheila Ck + 300' upstream Palm Ck junction

579 - Small trib from SE + 300'
580 - Small trib " " + 300'
- oc's + 1000 - in ck at small hill - weakly hfs qtz? pebbly sst - shale - minor disseminated py - 77C581 Rock Chip

Then creek totally disorganized in swampy ground for + 1000 - many channels

C582 - Rock Chip - Silicified? bx and sst?
C582-S - red soil - 1% diss py - oc's are at base of bank w/ of ck near edge of swamps - creek is now more channeled.

C583 - Rock Chip + 500 - bank develops on East - rusty w. - small oc near top of bank - bleached - sil? pow. alt rk - 1% diss. py - fract py
no qtz vlts
+ 100 ocs at ck - f.gr. diorite intr with 2-3% diss py

Then another narrow strong alt. zone on other side of intr. - grades abruptly to hfs. sed. - Creek now in canyon

Sept 17/77 - cont

Then in and out of weak to strong pyritic alt - old bleaching in f.b. hfs. seds and diorite? intrusive dykes?? - some rusty w. carbonate veins in dykes.

Traverse out ≈ 060°

1/3 out angular float at base small hill - weakly pyritic hfs.

1/2 - pyritic diorite intr

2/3 - dead f.b. seds.

Rest at bridge - dead andesite

—//—

UMEX - SUE LAKE

P88 - P88 - permutation line - S of Sue lake

77C584 - small ck + 500 160°
585 " " + 1000 105°
586 - hit med ck from 120° - + 400 - followed up it
small oc - dk greenish grey intr? volc? cut by wide spaced 1/4" qtz vlts

77C111 - Strong silt hts with fault zones ppx +1000 S - E side lake on bank above
Thin into float & oc fields Ø - not a healthy looking

77C112 - large ck entering lake at SE corner - oc of strong, dead Kaiser but much heavy py in float from above

Kaiga - weak hts - oc in small ck

SILT 77C113 - Sediment Lake above small ck

77C114 - Ck entering NW end of lake - walled through swamp all way to the deepest part of lake ck drains hills W of swamp

77C115 - silt + 1200 N - float on steep pond hill - weak hts Kaiga crossed ridge el 650 + 2000 N dropped into larger ck

77C116 - Silt Med size ck - mg down from lake - oc strong hts - pinkish with diss py

77C117 - muddy silt to g big rusty blocks to W

118 Rock - py hts - sam minor gtz vlts

119 - Med size rusty ck S of lake

77C120 Silt +1000 N skipped 2 chs

77C121 - Silt +1500 N - silicified - pyr. oc's in area +500 to strongly silicified oc's at steep pool in slope. - bleached,

77C122 - large ck from W at junction with bigger from S. Oc. - fairly soft Kaiga.

123 Silt - small ck +2000 - abroad to beach oc's Kaiga - hts

June 12/77

- Traversed up to sample gtz veined float & retrieve knife

77C124 - Chip - gtz veined float

125 Silt - ck from S on way back to boat

126 Silt - small ck from S at boat Mud boat to point

127 - Silt large ck W side pt. - oc's hts - py Kaiga cut by small living dykes float contains much py and very felsic intrusive? phenos

128 - Silt - small ck E of 102 in same bay - oc's with gtz py vlts

129 - Silt - small ck 2/3 back to 127

77C130 - Silt - at S side - confluence Kootenay Inlet oc's white grey sl brick flagg-ish with calc vlts - not much hts of py in float

131 - Silt + 500 - Small ck from W

132 - " - west fork main ck Crossed ridge on bearing 290°

133 Rocks - sl ore and bleached - weak hts Kaiga with Rock's bedding plane py - no gtz veining

134 - Silt - small ck at beach

135 - gravelly silt - larger creek in next little bay - flows over caliche vertical 1st S side

136 - Silt - smaller ck - N S side of above bay

June 14/77

Crossed upgrade through W of ck from S. S. of Kootenay & onto next bench elev 3300'

77C141 - Rks - gtz py veined clasts in area of low windfall step Travelled SE and dropped off steep ridge

77C137 - Silt - small ck - fine float Composite of 2 chs - 200' apt

138 Silt - ideal size ck +1500 S - 3 forks upstream - lots rusty float - minor gtz - py vlts

SUE LAKE Con't

587 - Rk Chip - stringer qtz vlt. and lenses +500
- Rk dk. gray highly sheared vole? seal?
+100 rks are Vk? pyroclastics - no qtz
Ck. swings to 180° then back to 120°
- similar wide spaced qtz stringer
Rk for 500' then mg or Fab
77C588 - from 120°
589 - from 200° - followed up this ck
Near ridge top
Pickets 17 + 65
18 + 75
Hit string line then topped ridge
in very bad blow down
Picket 33 + 35 on W side blowdown
Hit flagged line below
1350N, 250W

C590 - SOL CK - Counter

Sept 78th

C591 - Silt. Ck on N. Wlk Rd
Sue Lake area - drains
from between ridge and
Knob Hill

139 - Gravely silt - next good size ck + 1000s
- much rusty float - some with
strong py - qtz ults - green cat
- dead - minor strongly silicif. cgl.
- OCs qtz dio in ck
Followed up main ck to base cirque
140 Silt w/ fork main ck
145 Silt E Fork Main ck
- rusty w/ float is acid massed
Lahar - bx - ignimbrite
some qtz ults in hts sed?
- OCs Honna - dead
- some py - hts float
142 Float in cirque area - fairly abundant
hts & limy ?? hts with qtz ults & py
146 - Silt - next major trib from E
147 " " smaller " " " + 1000
- dumped sample and re-sampled
another 1000' downstream after
3 more small tribs in
- much rusty ppt in ck
148 - Composite - next 2 small ckes
+500 and +800
143 Rks - Lunch Stop - strongly sil bx
with tr py
Clasts to 1 foot ± - strong sil of frags
and matrix
- First impression - lahar but this
looks like [illegible]
Veins - qtz - epid - magn
144 - Vein mtl.

77C149 - Small ckes to NE
- OCs Honna sst - cgl - locally
silicif.
- Good bx & veins cut @ 500'
150 - Silt Next Ck E
- deep red ppt in ck

Samples For Analysis

Rocks
✓ 77C144 Rock Geochem Au
✓ 77C143
✓ 77C124 ✓
✓ 77C108 — 10 Au
✓ 77C104 — 15 Au
✓ 77C97 — 25 Au
✓ R 74
✓ R 87
✓ R 97
✓ R 102

SILTS
✓ 77C148 Au, As, Hg Geochem
✓ 77C112
✓ 77C96 — 15 Au
✓ 77C85 — *
✓ 77C91
✓ 77C119 — *
R 88
C 154 — 15 Au
C 157
158
160
161
163
13th June 148

77C151 — 10 Au
152 } Silts - Bay N of Boomchain
133 } Bay

#1, 2, 3

June 15

77C154 - Buck Pt. Creek - strong
qtz veins - qtz bx & sil in
float at beach - some long
and angular - S. of Pt
77C155 - sil & qtz float - Rocks
77C156 - Silts N. of Buck Pt
- still some silicif. float

77C157 }
58 } GR
~~59~~ Not Used. Skidget Chunk

160 Main Ck
161 - Upper Trib W
162 - Smaller middle trib W
- missed next small W trib
163 - larger lowermost W trib
164 Small lowermost E trib

June 16

Traverse up Ck W & Vertical Pk Louise Island
Up S. Side - Return N Side of

77C165 - Silt - small ck - Kuya float + blk wt ϕ
166 - Silt - next small ck + 2000 - no Vb float
167 Silt - larger ck + 500
168 - Silt Med ck +1000 - float with some local silicif - minor gtz dtb - minor py Not too good lookg.
169 - Small Ck + 2500 - in steep narrow gully
170 - Med Ck - 1st part steep part of main ck - mica py - hbs in float - blk dk
171 - Small Ck + 500 - skipped 1 then -
172 Small Ck + 500 -
173 Silt med ck + 1200
174 - Rk - alone ck. - weak - strong silicif with py & mica gtz dtb in Kuya rhs. - other Kuya Sdst Yakoun - with local silicif
175 - Silt - small ck + 500 - float with rusty lst float
* 176 - Med ck + 300
177 - float alone ck. - strong silicif - py ccl. - float also contain pyritic Calcarenite
178 - Med ck + 1000 + Sandy - no float

179 - Trib + 500 178 - bottom steep rocky gully
180 Silt - Small ck enough for bank + boulder rubble in - next step gully + 1000
181 - Pool at base waterfall - Main Ck ccs py-hbs Kuya
182 - Rocks - Kuya py - wk silicif mtl. tight folding + b. vein
* 183 Large dry ck. draing NE Corl - N Side of valley
- good flow water obs silt
184 - Sample & abundant silicif + gtz py veined and carb. veined float - large and abundant rock
185 - Small dry ck + 1500
186 Hbs float - one with gtz - ser - py all c float skipped next small ck
187 - Silt Small Ck + 500
188 - Silt - Large Ck + 1000 Float interesting incl - massive lst - hb Kuya + py - silt + gtz py vein intrusive - Fairly high pyrite
189 - Small ck in steep gully - abd bould
190 Silt - small ck + 1000
191 Silt - small ck + 2000 Py Lst Qtz Clast
192 Silt - larger ck + 200 - Lucky Camp

Run ccs possible lg
193 - Silt small Ck + 800 - drains 1st area - ccs

June 18

Traverse up small ck in main gorge S End Skedans Bay Up on SW side
77C194 - Main Ck at base, - ccs Abdc + 50'
195 - Med Size Trib from SW
196 Med Size Trib from N + 800.
- ccs + b. Float lst. cut by dykes & sandst
- dissected float py in body the way
197 - Silt - small trib from N + 1000
198 - Silt - small trib from S + 1000
199 - Silt - small rocky part creek from N - float Kuya & Vb silicified - look pretty dead
200 Silt - main ck at Pk & departure elev 500'
- ccs + b black flaggy lst
201 - Silt ck. S End Skedans Bay - walked down Run elev. 700' - fairly dead ccs lst - hb Kuya cut by ϕ dio dikes - minor py
walked up old Skedans Bay Logging Rd 2 1/2 miles - crossed where road comes alongside Skedans Ck - Return to Creek Silty drainage from North
202 - Small Ck + 2000 E - saw small rusty lst float - not known
203 - Small Ck + 1000 E
204 - Small Ck + 1000 E - sand & silt bar mod color.
205 - Small Ck + 200 E - also calc.

June 20
- walked back to Mather Ck
- located barrages start

77C206 - Silt - Med-large ck from W

207 - Med-large ck on road ≈ 1.3mi S.E

208 - Silt - Med ck ≠1000 E on rd

209 - Rock - adj ec - strong Fract - dol - cby - py old ∅ intr. - dia?

210 - Silt - Med ck ≠2500 E - sand & rock gran with rusty W - py Chl. - cby old dia ∅

211 - Small ck E of Rd - occ Yalcom - rock py in grey beds

JUNE 21

Traversed to hill S. of Mather Ck. about 1 mile from lake at end Tertiary type

Return traverse to sample drainage from S.

77C212 Small ck to hill

213 - Silt Small Ck ≠800 E - float is lits, Yk? sed & S. gr ∅ lits + py - skipped next ck ≠300

strong bit hits in dry cks ≠1500 ≠2000 - minor py

214 - dry silt - next wash ≠500 more

215 - Silt - small ck ≠1000 - hlk. py float

216 - right ck in large chute - strong hits - local silicif py - ck ≠200 S - Sakiva Kees hits ic float not sampled

- another ck ≠200 not sampled

217 - small ck in steep sided gully forms - next creek in chute ≠200 not sampled float dead

- next ck ≠300 not sampled - dead Yk. ∅ vols - sulph

218 - Main Ck from S. - float pretty dead Yk - vole - sst - hits - dry gran tics

219 - Silt - small ck draining S pebbles - some small dark flagged

220 - Silt - small ck ≠1500 on 070 - flagged Continuing 070

221 - Silt next small ck ≠500 - dropped down to avoid Salal

222 - Med. ck. - pass on old skid road. - Yk - powder & fist casts of shell

JUNE 23

John Williams - boss - Wadeen River Canada

Wesley Donaldson. - Offre

Silty & Kings Sibs Camp along roads & shore

77C223 - Small dry Ck on upper rd

224 - Small ck N End Bath Anchorage ≠500 S of Road end

225 - Main Ck into Bot. Arch - OCS soft - hits Kings

226 - Small Ck - S. coarse matl

227 Med Ck - W " same "

- Crossed Alluvials - located at Float Creek Ck - dry gravities & hits - mafics py - No interest in follow up

Examined Float - large Ck entering S Side Louise Alluvial from S

Flank - fine Formosa

- Ck section - dry gravities - rolled

228 - main Ck from W - 2 miles Lithic - float mixed dry gravities and with minor py - Vole's - hits.

June 24 - Boat Sailing to Lagoon Inlet S end Louise Is and entrance

77C229 - Small Ck from weak calc in bay NW of Limestone Islands

77C230 - Composite - 2 small cks entering Butler Bay - 1 into 1" Float PPK - minh py - grits in float

* 231 - Py in float - Old Prospect stake

237 - Large Ck - Much KTP - hits - Yak - vole

33 ∑ Rock float Harbour

34 KTP Yak - green not good float

77C235 - Trayner Ck

77C236 – small ck – Kinga (tr.) same as at K.T.P Road

237

238 – At Fork of Creek at Head of Lagoon – Bed – elevation 1800'
– Float QTP – 90% dio
90% Ø
tr – minor py – minor gtz ub
tr tr. Kinga?

239 Mag tr. Fork Run to – elev 160' at base waterfall – Float S – then to main Ck
– appears to have a fairly deep level intruding country – also dy

240 – silt Dark Ck – some gtz veining
siltstone Hards – py Egl.

77C241 – Rock – Float – gtz country bx from above Ck – Hards ss

Samples for Analysis

C176 silt
C183 silt
C188 "

C231 – silt
C240 – silt
R165 – silt
R123 "

Jan 25 – Traverse up Girard Fork Ck.
E. of Iron Duke.

77R193 – silt – small ck Run E – elev 2[illegible]
Float – dead Yk. sst. siltstone
– skipped next 3 chs – oc's float dead sst

R194 – next med ck +2000 SW up ck at 140 – called Float like Kinga – siltstone – Yk ss

Take E Fork Main CK – elev 240

C242 – silt – small ck Run S +1000 up S. fork

R196 – silt – small ck Run S +1000 " " "
elev 390

elev 41 – small ck – float in dy loading
Silt 77C243 – min ck vein
77C243 – silt small ck elev 270 – skipped 8 Run Long Fork

Main Fork el 490 – prob 2 520
– take most N'ly – G Ck. S'ly
– oc's of green dio? – andesite? – dio py
+500 from Fork

77C244 – silt – med brb Run S
245 – silt – other main fork
77C246 – silt – small ck off hill to NW
+1000 SW
247 – silt – small ck off hill to NW
+1000 el 530 –
skipped 3 + Run ck
248 – silt – small ck off hill +1000
249 – silt – main ck – NW small ck
+1800 elev 520
Flayed Ck – no water

Traverse 250°
77C250 – small ck – but further up to Run – follow 250° Float – rusty but no gtz
251 – silt – med ck +500 – sampled at 100' Creek – rocky Float with carb. silt py – minor gtz
minor dk Kinga? argillite?

52 – Med Ck +1000 – py tr Kinga float
Ck Creek tr Ø dio into
– not much coln or veining
skipped 3 small cks

53 – Sampled from +1000 – tr Kinga float
crossed 3 small cks then 8 [illegible]

77C254 – Med Ck +1500 – +tr Kinga silt, dyke float tr dead – elev 750

Climb to 1000 elev 270° Run
crossed small ck +100
small ck +200
OC's – soft +tr Kinga
Turned N'ly – crossed large [illegible]
1425'
– dropped into ck on outlet [illegible]
– Float many dyed Yk volc but much may be altered from [illegible]
OC's 1000' – Rusty W – py-gtz add info in fault – carb + tr Kinga

77C255 – Rock [illegible] down
– yer below
tr Kinga – blotchy limy argil alt sy
[illegible] chlor silt clots py – same as 255
– OC's below – fairly dead Kinga – but on float [illegible] dio? dyke.
– local silicif'n – py – gtz ve[illegible]

77C256 - Sampled main ck - el 800
just above confluence large ck
from west

77C257 - Above large creek

258 - Silt med ck from S +1000

259 " small ck from S - elev 700'

77C260 - oc chl - clay - cb - py veined - high
fract - alt - intr? dio?
elev 675
- continues to elev 650 above
waterfalls
dio ϕ emerges as ck type

77C261 - Small ck from S el. 600
oc's gangy chl dio ϕ

77C262 - Major Trib from NW - rocky chute.
Main Ck starting to Canyon
- closed out - head 800

263 - Silt med ck +1000 on beach

264 Silt small ck +1000 - in small [illegible]
trail

265 - Composite sample of qtz vein material
Iron Duke Ck - Louise IS

King #1 - 800' off confluence
Crossed Anomaly
Ck
1075' - vl line
25.

[illegible] 34221

JSL - 52744

June 28, 1977

9.00 Am
12.00 Am
2 S - 2[illegible]

June 28 - Traverse up King Ck

77C265 - Silt - small ck - opposite log where
first hit King Drainage

266 - Small ck +500 upstream

267 - Small ck +500 - small waterfall

July 27

King Ck Followup

77C70 - Chain 2400 - 300 - 2100

77C71-2 - Junction 2950

3100 - oc's - Ling H?

77C73 - 3260
- patch py alt - calcite vlts
- py bedding controlled

~~77C75 - 3675 - E0000 vl ERROR~~
4025 - upper claim line.

77C75 - 4175'

77C78 4450'

77C79 4550'

7300 - large trib from West

8325 - Hit lower line King Ck

77C325 - Silt 7300 ck - flagged 300'
up ck

Note creeks 11 each Am to 6900

July 28 – Kyle Folcomus

77C326 – Chip – Kunga – rk quarry on hill SE of Anna. Ch

77-C-78 Good – Living K. avg lower 500' then K. avg. – sh – sltst – no line – several Pebble dykes to crest slope above claim line. local ffs – py – some bedding py. Alt at surfaces. generally weak

77C-79 Creek Cool.

Good living rks + 10% py above and below 6400 spotty to 6000

77C327 – Massive py – bedding plane in living K – 6000 – also fossil – Rabbit? and ammonite

Then intr to 5600 – back into blk. lst

PY beds – vlts

Then argill. K & mixed argill & living K to 79 creek – some unusually X rel'ns with intur – metasomatic conditions

July 29/77

Upper Pallant Ck – beyond Mosquito Hk

77C328 – last small ck crossing rd. – culverts exposed in washout

(X) 77C329 – ck in bush beyond slash – Flout incl. rusty w. QP & ant. veined marble – Rusty w. Karm. – No vein qtz

(X) 330 – med ck + 300 SW – edge slash

(X) 331 – small ck + 150 SW

332 – large ck – Main drainage from S.W – Flout looks pretty dull

333 – small ck ≈ 800 E 328 – largely organic

334 – small ck ≈ 1000 E

335 – " " " " Dumped large ck ≈ 1200 E 334

336 – Small ck + 500 E

Then to TL 2610

337, 38, 39 > 3 main forks of ck

C340 – Med ck on main line + 8/10 towards Mosquito Lake

360 – Deere River Silting

229 7343

Wayne – Rs – Rocky: – Sergant: – No Show – Train – Boat 18th – Plans at U.S.C.

Counts – Designated right away 40 days grace – abandone

15.4 – $14.60

5571

– 626 – 3776 – L & H

112 – 800 – 261 – 1311 > Hackett

626 – 3688

637 – 5494 – Sandspit

559 – 4423 – Sea Pacific

Aug 5/77

Sifting N. Side Lower Riley Ck
Starting ½ mile upstream from bridge
+500 into slash.

77C361 - Small ck
- occ's ck veined chl, garnets, volc's
- minor rock pp

362 - Good silty med ck drainage into
West-central part Riley Ck NW Zone
from ± 0450

363 - Wet reddy seepage silt-goop - channel
in bush 300' NE of 362 - area
alt 3ft - red ppt

364 - Good seepage silt +150 NE
of 363 - at bedrock in bush

↓ Rk Spec - Shrimps in ck.
G.P. Volc

77C325 - silt - small seepage ck +500
W of bridge - much re-worked -
Riley Ck silt?

326 - Med ck, +300 - confused drainage
in valley bottom

327 Silt - good small ck +400

328 Silt - small seepage ck +300

Then +500 - Slash - camp to N side ck

329 - Large ck +1000 from 328 - much
ppt. flood - may be larger re-worked
Riley channel

330 - +100 W - reddish organic seep - goop.

77C381 - Organic seepage goop - small ck
+200 in slash

77C382 - Good red brownish silt
small ck draining from spring
+300 in slash

OC's +500 S Side ck.
Chl. volc - qtz - epid - py Alt's

77C383 - rk chip - leaves on Alt's

384 - small seepage ck +200 - red
- good sample

385 - good silt - med ck - red. +100 N

386 - seepage brownish - edge of slash +500 N

387 - Ideal small red ck +600

388 - Rks - chl. volc - local silt - bleach.
qtz - carb, py Alt's
chl - py, Alt's - single leaves on Alt's

389 - Small seepage ck - good silt +500
where Riley Ck bends west.

390 - oc's - Rk Chip - +200
- pervs. chl alt volc - local bleach
qtz - carb - py Alt's - Pink py

Contact - +200 N - case qtz dio - locally
bleached - all pervs schistose - dis py
cut by qtz-carb Alt's 135° east

77C391 - Rk Chip - similar - alt qtz dom
+1000 W - scattered oc's between

77C392. Silt - small ck
+1000 N/an log act - sizeable
open swampy
- must hit Riley Ck W of
clear cut grid.
- drains from S W. corner of slash

Rec. 7

Lower Ck. N. of Riley - QMC golden

77C393 - small seepage ck. +300 downstream
from split with Bed - N. Side.

394 - small ck from small area +200 - N. Side.
Cut across base slope through slash

395 - Silt - good small ck in gully +200
NW of main ck.

396 - small seepage silt - +200 NW
397 - " " " +200 NW at
bad washout - qtz +11
398 - good silt - small ck +300
399 - good silt - below confluence of 3 small
creeks +300
400 - 100' downstream - Med Trib from W of
Sure ck.
401 - small ck back at Span Rd - SE of
Main ck - track parked above.
402 - small ck - S. of Quarry Near Riley Ck

77C403 - Good small Ck 200 S of Riley
bridge - prod drains swamps to east
404 - Next small ck + 200 S
- high prop. organics - 'cse silt
405 - Good silt - small - red ck
+ 1000 S in bush
Walked W out Branch 100 to qtz dis
contact then back along rd to
narrowest slush - dropped to base
of slope (swamp line)
77C406 - small seepage ck + 500E
407 - small ck + 300E
408 - " " + 300E
409 - small seepage ck + 1000E - much organic
410 " " " + 500E " "
Flat and swampy after that pt. - no
well defined slope.
+ 400 - Med Ck not sampled
= looking back 410 - just E of rock quarry
on hill
Road Recover in PM.
77C411 - Silt - Bonanza Ck at bridge.
412 - Alt - veined - partly leached
rks at camp on hill - heavy
of silicified & vein mtl.

Aug. 8th - Sunday - Rd. Silting

413 - Small Ck N of Riley Bridge
414 " " NW of Quarry - School Bus
415 - Small Ck + 400 NW of C400
416 " " + 400 " " 415
417 - Small Ck + 500
418 " " + 400
Silting Major drainages to McGregor Ck.
plotted 1:50,000
77C419 - Large ck in next major draw
420 1/2 mile SE Gregory - py
421 - Gregory Ck - py - silicif. in some float

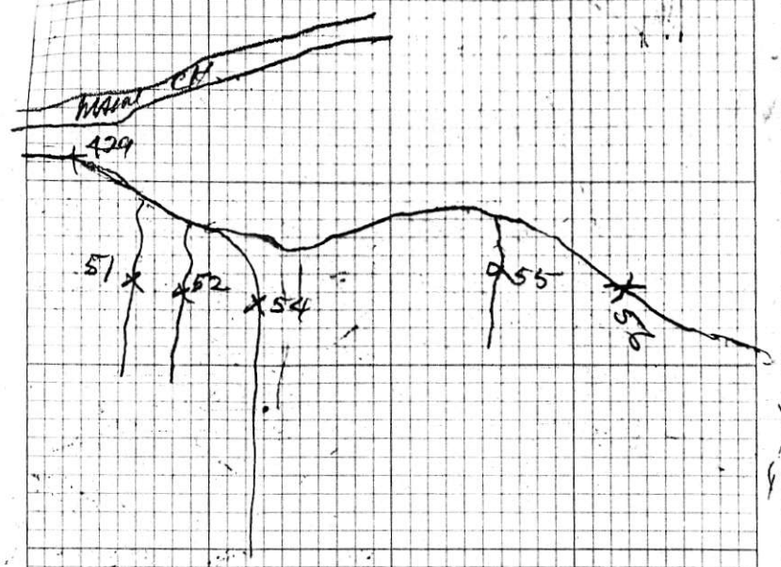
Aug 10 1977
Raisons Boomchain Ck - Traverse
E forks
77C422 - small seepage ck beneath
till bank - near original
sample of main ck
423 - silt small seepage ck + 1500
- supplemented at left small ck + 100
424 - skipped 2 small cks - sampled
#3 + 500 from 423
- strongly silic. float + qtz vein float
- all with py
425 - skipped 1 - sampled 2nd - lots organic
426 - Ideal size small ck + 200 - qtz
427 " " " " + 500 - sampled up in
bush 200 from main ck
428 - OC's - vole? - chl - epid → bleached
- up to 10% py - float + dissem - qtz
vlts - silicif in fluid
429 - Good red-coloured silt - med ck
+ 800
430 - Main Ck below Forks
431 - Med Ck from S - ~ at forks
- silicif - pyrite & qtz vein float
Waterfalls on East Fork - Bol. qtz dis with
bull qtz - sil hfs Kam above - py - qtz
432 - Silt - East Fork above falls and canyon
section - very sandy
OC's Kam with py - bull qtz - some
local silicif.
433 - large tib from SE - sample sandy
434 - small ck from SE + 500

C435 - Small ck +1000 SE
C436 - Good small ck +1000
- upstream - large boulders qtz laced.
silicified? Kaolin +300
37 - Adj. small ck.
SLIDE - in small ck +300 - most
float schistose - gneisose - some silicif.
less py than downstream
438 - Good small-med ck +500
missed small ck +800 - No silt
439 Med trib from SE +1000 - large qtz boulders
- missed smaller trib - same area
440 - Main Ck above trib - still qtz ssil
but poss less py
Traversing back on N. Side
441 - silt - good small ck +300 downstream
442 - skipped small ck and then
sampled next +1000
443 - Good small-med ck +1000 - 500 past
slide on other side of ck.
444 - skipped to 2nd small ck +800
445 " " " " " +1000
Skipped small ck then larger ck
with slide debris - No silt
- not much qtz in float
446 - sampled 3rd ck + 1200 - visible slide
scar just +300 ahead.
+1000 Hit sample #432

~~[illegible]~~

July 11 - Silting - Boomchain - McEnyre
Security Ribbon - See GBR Notes
July 12 - am - silting N to Kitgoo
pm
Traverse from camp - 055° to lake
- crossed bc's chloritic - felsic silicified?
Kaolin - minor fruct py - minor
qtz vlts - Not as altered as in some
other areas
77C448 - Main Ck entering S East end of
lake - float gen with less
sulfide and less qtz than in Main Ck
below - Intense bleaching & carb alt
may be restricted to local zones.
449 - Check - Re-sample - original
Boomchain anomaly site
450 - small ck entering Main Ck at
mouth across from Cabin

July 15th - Upstream from C429
to pick up tributaries
77C451 - dry wash silt +200 bare slope
+ much fine pyrite in hematite
syn & veins
452 - Met small ck +100
453 - Rk. - chl. vole oc - weak silicif?
- weak to strong py
454 - larger ck +100 - consid. rusty w
carbonate alt. boulders - weak py
- Some silicif. float with qtz vlts - weak py
455 - small ck +500 - cons.d. rusty flood
and Fe ppt
458 - larger ck - ll base slope from
+1000 away - also somewhat rusty
- sampled +200 from 55



July 17 - Follow-up East Skidegate Narrows Anomaly

C457 - Main Fork - Ck at Canoe Pass - Buck Channel
- Carb alt - minor sulfide in float

458 - Trib of above from NE - (Min trib. Lst in float - some alt with py & cb.

459 - Next large ck N. on mainland.

460 - Large Ck centre Chaotic Island.
- Qtz in float interstitial pillow? calc.

461 - Small Ck - across on Mainland
- Clead looking Kam. float

~~462 - Loosishity silt - small seepage ck~~

463 - Med Ck. OCS Kuga - some py in some beds - contorted bedding but gen Mod to steep dip N

464 - Next Med Ck E - Kuga lst & tb float
- minor py assoc. cb. ults

465 - Good silt - small ck In bay W of Main Ck

Buck Channel Silting West to East

466 - Large ck 1/2 mile W of Cache Island

67 - East Ck - Cache Is. Bay

77C468 West Ck Cache Is Bay
69 Next Large
70 " "
71 " " Just W of Canoe Pass
72 - Large Ck at Narrows Canoe Pass opposite Cabin

Aug 18 - Annually Follow-up - Ck S of Beach Pt - Traverse up S side.

77C473 - Re. Float - dry wash +800 from beach - some silicif. Karm x - qtz vlts + py - mixed with less alt Karm basalts
- Large float from hill mostly barren Karm

74 - Silt - small ck +300 - water at higher level on hill - fairly high % sil. float - much organic in sample - cse

75 Rock oc's - weakly silicif - qtz veined Karm vole.s - py

76. Very cse silt - next small steep ck +200 - Carried dead looking basalt dis - mixed with sil. - not much qtz vein mtl.

77 - silt - small ck +500 - top of blow-down - fairly organic - float - more chloritic granite than silicifica

FLOAT +1000 - grey lst - equivalent vlts
OC's +200 - just before bend in river

78 - silt - small ck draining lst oc area

79 - silt - small ck +800 - around bend - float is dead looking vales and lst.

LUNCH STOP 2nd Bend in ck

C480 - silt - small ck +3-4000 from bend - largest trib so far from S - some silicif. with weak py

R499 + 300 - Next trib from S

C481 - main ck. Just above

77C482 - Re-sample - orig. annually ck at beach

Aug 19 - Laggins Ck Drainage

77483 - Small trib from S - 1 mile W of beach

484 - Composite of several base of slope cks at culvert

485 - Major trib from S at Laggins Ck - S observed for some distance above sample site

486 - Main Ck above 485 - oc's hfs - slickensided LA? argillite 1% dis py

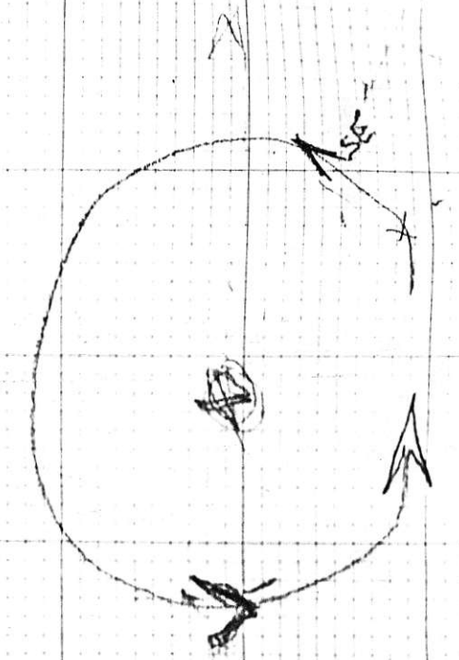
487 - Loose silty silt - small ck draining flats between upper forks of Laggins ck
OC's phyllite 130° strike - steep - cut by F.P. Massive dyke - minor py
- Float Rock. hard silicif + py in main ck

C488 NW Fork Laggins Ck - Near top of slash just above phyllite oc's

C489 - med base of slope ck - top end of slash

C490 - Good silt - med ck. draining limy sst oc area

77C82 - 150 - Kootenay



Marcet

Sheet Metal Screws ✓
Rock Bolts ✓
Axe wedges ✓
Ultramarine
Aluminum Sheeting ✓
Chainsaw oil
Chainsaw File ✓
Claim tags + nails
Lamp Generator
2 — 2 gallon plastic gas cans
1-qt sheep oil

Rylands

Clamtrays + rack
Stovepipe + elbows
Hay wire
Sporch Lantern
Sharpening Stone

7700's

Tdino

At 16	14.40		+36 min - Skid Maneuvers
17	15.20		
18	16.20		
19	17.40		
20	19.55	7.00	
21	20.15	8.10	
22	21.20	9.00	
23	22.25	9.55	
24		10.30	
25		11.10	
26		11.50	
27		12.25	
28		12.45	
29		13.30	

Buckhorn Staking & Follow-up - Oct 18/77

77C592 - Silt - small ck - 500' down S Sid of landing bay - oc's locally sil
Karen Vales - local Rust Chl - p7
- andesite dykes.
- local dio-trig ; dio dyke with fault py
Rock 593 - grs veins up to 2" wide cutting diorite - Rusty Rock 1-3 ch. line of beach - dio is brn chl - 25' wide approx
- cockscomb grs - no sulfide seen
77C 594 - ck - Rock 1-3 ch - line at beach - orj Sample dumped re-sampled +100 upstream - red ppt
- oc's dio - no grs veins
+ 300 yd along beach - dk-gy alteration Dykes
77C 595 - Creek - flows SW - el 360 on claim line.
Dio oc's below to elev 225'
- strong silicif - grs vlt, float from above - old beach - raised??
Post Buckhorn #3 - IN - IW
#1 - OUT - IW
elev 440'
Rock - 77C596 - el 590' +650' on line + rusty cu-sulfs hfs & gv vole +10 grs veins on Revis
Sil - oc 100 x 50 = 115 thick

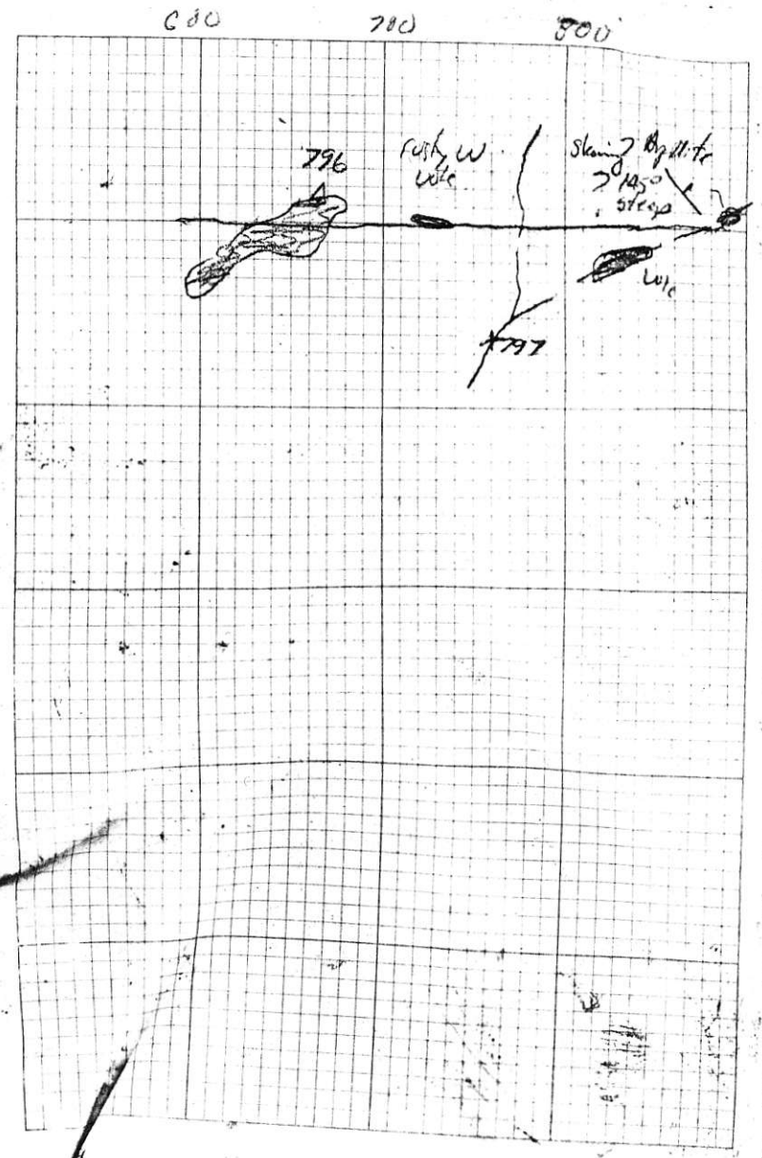
77C597 - Silt below junct of 2 small chs - below 775' on line - consid S.f.r., rusty w. vole - some with silicification & grs veins
598 - Silt - Med Ck +1100 on line - oc's similar & gv. vole.
oc's 1450 - 1550 - heal & gv. vole.
- no grs vlts
900 S of Legal Buckhorn #1 on line - small oc's dio - gave grs vlts with cockscomb stwk - extnd to 77000 - go up 100' above line
Rock 77C599 - grs vlts - up to 6" wide cutting alt dio - 1020 on line -
- crossed ck at 1150' - too steep for silt
- back into valley 1200' - then dio 1450 Stevens
77C600 - Silt small ck - 2/3 to Buck's post IN OUT

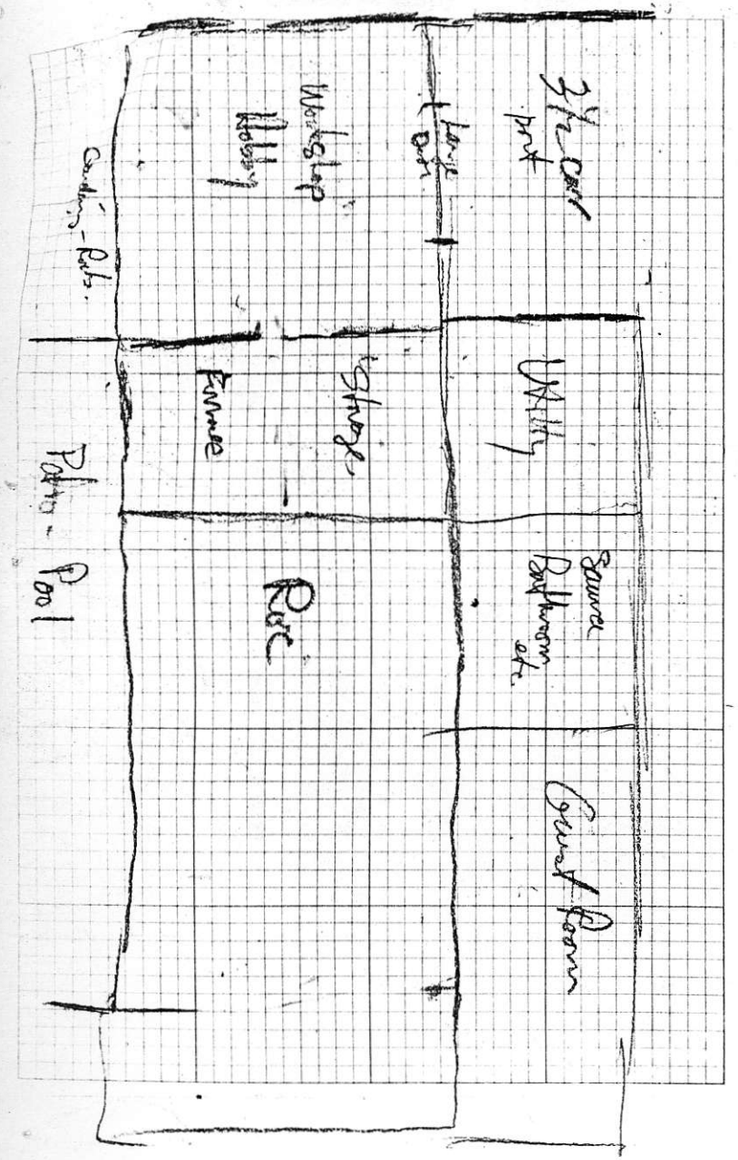
Oct 15

Oct 16

Oct 17

Buckhorn 1 Tag # 36459
2 " 36461
3 " 36460





Before Going

Work out boat
Service motor
Clean guns

Off [illegible] New Stuff Out

112 - 867 - 482 - 2[illegible]

[illegible]

[illegible] 170 Hargrave St
[illegible] Manitoba - R3C - 3[illegible]

112 - 204 - 957 - 0097

[illegible] GOR #342

Oct 19

Buckhorn #2 – 0–4E
0'–1000 – (600 & 800) scattered oc. clio
contact ≈ 1000
1200' – oc. hfs volc? – sed? – silicified
with some py – qtz vlts up to 12"
wide.
Rock: 77C601 – 875 elev.
Elev ON 1E Buckhorn #2 – 1125'

Post 2E to 3E +300 – grnst. cb? vlts
no qtz vlts
– more schistose & slick. to E
602? 3E + 450 – tip-up. silicif. bx – py – qtz
small oc under root
– oc's dead grnst +150
scattered to 4E – 200

Oct 20

Soil Sample Traverse –
N. Side of valley to Buck #1 claim line
from camp – 200 ft stations
77C603 wet brn soil – base slope ≈ 400' NE
tent – top of blow-down
604 – +200 E – organic soil – can't get through
at base slope
605 +25' E – brown talus-like soil – wet
606 +200 – dk brn talus soil – 100' past
sample R490 – fairly high organic content
607 – light brown talus soil
+250
608 – red brn soil – tip up
+200
609 – red brn soil – base slope
+200 E
610 – red brn soil – base slope
+300 E
611 – wet red brn soil – seepage area – base slope
+200 E
612 – silt – small ck +50 } base slope
613 – silt – small ck +125
614 – silt – " " +200
615 – red brn soil – base slope
+225
616 – silt – small ck at claim-line
+50
617 – soil – at claim post
+150
Elev. Post 240' – Buckhorn #1 2N 0W

Traversing up ck trending ≈ 300° from post
77C700 – OC's – argillite +115' elev 260
701 – angular silicified? float with
float and dissem py +50 upstream
+153' SW – across slope – just below
claim line – more argillite
702 +200 el 415' – argillite – tip-ups – spring
silicified float E. bx fine above
– 75' exposure across hill
703 – +100 – 445' – weakly silicified?? argillite
– small outcrop – tip-up.
+100 – Arg – not sampled
704 – +(450 to 700) Karm? grnst – apparently
little altered – overlying flat-lying
argillite (not sampled) – contact at
El 500
705 +150 – Karm more silicif – locally bx
EL525 with py – Arg float also more silicif
706 – Argillite bx – slump?? – may be
weakly alt +170 EL 515
707 pyr. argillite bx – +100 – EL 500
– part of small oc. – at least 2' wide
– rest no py
708 +100 – El 480 – argillite cut by strong
fract. related pyr – clay alt zones.
trending E-W
– sample from 2 – 2' wide zones.

77C709 – S.W. trending dyke?? cuts
– fault py?? – parallel to alt zone.

Then into Kam Quartz
– mineralized zone may be parallel to
S.W. Fault Contact

710 – large area of carb. exp. Kam Quartz
+300 el. 375' – centre – not
much silic. or py's seen
+460 @ 300 – bottom of OC

Dyed down to C605 @ 750' @ 125
TBM @ BCBW 6.45 pm 125'
Tent – Glen 1.15 pm 25'
100' Change

Oct 21

Toe of big washout – bend in valley

77C711 – @ 250'
– oc's Slk. 1st – 1my arg – flinty bfs?
silici's – bedded py
Bedding variable – contact @ 140° steep
Contact with Kam above bike steps
400' 110° @ 5% = may be a fault
Kam strongly silici.
in contact carb. veins 1st

77C712 – silicif. Kam

CL: 200E – @ 350 – contact faulted up
on 010:30 W low angle fault

77C713 – Kuga – contact at 340 @
+300 E in next ck.
Not sampled – oc Kuga +100 SW
bedded py

77C714 – T.O Kuga – py 190:65 SW
+300 – @ 315 – in small ck

77C715 +400 – @ 225 base slope
– almost can't keep Kuga across
slope to this point
– oc's massive grey 1st with stringy ck
veining cut by fine pyrite
dykes.
– oc's along base slope for 250' to
Silt @ 632 – Elev 200'

Soil @ 635 +175 – oc 1st just above

+123 – 1st at NW end boulders – over 100' thick?

77C716 +200 – massive grey 1st above (50')
Silt @ 634
– almost cont oc for 200'

77C717 +350 – silicified pyr. zones
in f.g. blk 1st – 1my arg
@ 636
strong fault 180°: 40-45 E
brecc silici. Kam? into Contact
with grooved 1my rhs below
Kam is schisty felsite – every lens contains
1 – strongest base of slope also cut
! sulfide so Kan?

+350 @ 325 – massive blk 1st cut
by pyr silic. Fels. dykes.

77C718 +560 then up strum 250'
to @ 415 155:65 NE
– Massive blk 1st – some py rich layers

719 – oc 1my arg +250 @ 410 – fault py
– ck. veining silicification??
– 200F at rkes Good Honor.

Oc's +200 – similar grooved 1my arg cut
by pyr felsite dykes

+275 – possible Kam quartz??
– some fault py – dykes??

+600 Stopdrill F.U.
77C720 – Sil. py (fault) Kam? – Dyke?
EL 500

Sl. Kanan
Kanan
Kanan
Kiri
Kiri
140
Slop
010
30

- 50' down ck - less alt Karm grnst.
Tried into R641 @ 300 ft
El 410
77C721 - +450 - Karm Grnst. lowest oc's
R643 ck - looks dead.

722 +600 - up 200 elev 540
- schisty looking Karm grnst - py??
Too Dark

723 - oc's above R498 +600 el 570'
= Dead looking Karm grnst
724 - +500 - R649 - 100' above El 665'
Dead looking Karm
Nearest oc - straight across ck at
base cliffs +940' El 900'
725 - Karm grnst - some silicifich
726 - Hard Karm?? +500 back El 790
Barometer Camp - 7.25 - 200'

Oct 22/75

Continuing Rock sampling from
previous day

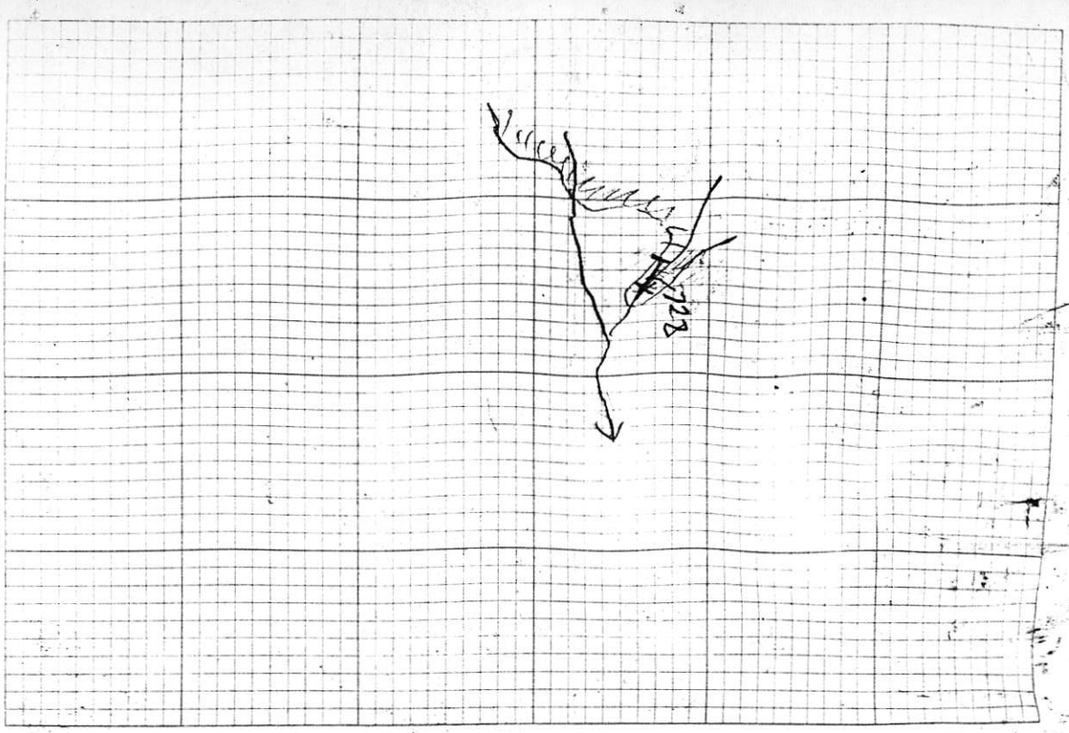
77C727 +850' el 345'
- Hfs - silicif?? arg - fract and
diss. py - zones of harder more
perv. silicif. & drusy qtz vlts
- also silic. felds ϕ dykes??

728 - El 425' +1100 - Karm grnst - locally
strongly silicif - lowest oc's
sheared 11 90-110° - strongly
slickensided
Large boulder float between 727-28 - incl.
strongly silicif Karm - Arg with
qtz vlts to 4" (drusy) - also silicif.
Some t.b. silicif sed?
77C729 - El 360 - +500 - hard grey silic.
Karm - some qtz vlts - minor py
Oc's +300 El 400 - massive grey lst.
360 El +400 Ck. - Limy arg tb - underlie
massive lst bedding @ 090:80S
- cut by 40' wide grey dyke 200'
elevation El 335' - contains zones of
qtz veining - Sample 77C731

77C732 - Gangy limy arg oc' in next ck
+200 NW El 150'
- above silt sample # C479 - previous trip
733 - Grey dykes at above locality - some
with qtz veins - py
Traversing up Gravely ck
734 - Rusty W - sheared zone above grey
dyke? contact,
+210 El 210
El 260 - massive blk lst
77C735 - +465-490 El to 350'
massive blk lst - cb. vlts - local
pyritic zones.
736 - just above - narrow zone "C" - with
open space qtz & carb vlts
Contact - Massive Grey Lst - El 480 +550

Karm Lst Fault Contact - 090:85N
Elev 500
Main Fault not exposed in 5'
slot in bank.
Subsid. parallel fault 10' into Karm
measured
77C737 - silicif gangy rk with py
from subsid fault zone

77C738 - Silicif & qtz veining in Karm above fault
Elev. 580' +800


723

Massive grey lsts. oc's again above to right of gully - controlling fault?
May strike ≈ 050°??
- faulted silicif. material below
sampled 738 May by silicif. grey dyke?

77C739 - silicif & qtz veining in massive grey lst
at EL 720' +1050
- contin. oc to that point of massive grey

OC's Kamm +1275 EL 760

740 Kamm - no strong silicif or
GRNST qtz
+1450 el 875'

77C741 +2275 el 950 - Kamm Grnst.
Fairly cont. oc above from 740
- no new silicif or qtz vlts in
float - looks dead to ridge top

742 - Dead Grnst +2600 Elev 1025
Top of largest ck off hill
Hot ridge crest 2850 - above 2nd ck
elev 1075
- still real dead grnst

Working down ridge

77C 743 - subcrop 3200 El 875
- weakly silicif. tuff??
grnst - minor py - no qtz vlts

77C 744 - +3600 El 760
Back hard silicif - good qtz veins.
py leached

By 3900 - Back into weakly alt grnst
77C745 - El 650

446 +4200 EL 525 - more silicif in
qtz vlts and pyrite

447 - Elev 360
Bright +5250
Tent - Elev (-50)

Oct 23/77

77C 748 - oc under root in creek bank
95% leached hfs. arg? - fairly heavy
py originally say ≈ 5% - fract & diss
Elev 100' - on 060 bearing from lst
oc area to slide on hl
side valley

Heading up to check slide above
R634

Massive grey lst El 175 - 250
77C749 - highly silicif - pyr. - qtz veined
rk above massive lst

750 - lst ck veined - minor py
just below contact
Contact Not exposed

Above weakly pyritic Kamm Grnst to 290'

77C751 - blk limy arg - slightly hornfelsic
bedding above 150:60 E
- fract & diss py

Cut by light felsite dyke with py and
carb. in vessicles - like KING CK
752 - EL 360 - top of limy
section - py fairly stone

753 - hornfelsic argillaceous section
above 360'
- moved to next ck 100' SW

77C 754 - rusty gouge zone 160:85E
in mixed limy and argillaceous
rocks. - EL 395

Karm Contact ELOV 525' - trends ≈ 125°
slightly uphill to 125° - lower
Karm may be an intrusive?? dyke?? - fault

77C 755 - gouge leached tb limy arg
- rusty W. beds after Py
sample 90% leached

756 - grey pyritic dyke at contact
757 - Karm grnst. above - Pract and
diss. Py

758 - EL ~~34~~ 545' - zone of strong
silicifi'n in Karm - qtz vlts
grey mineral. - zone 10-15' thick

Weakly Pyritic Karm above - not
strongly silicified except 2 or 3
more small zones above el 640'

759 - EL 720' - schisty - weakly silicified
pyritic Karm from near top of slide

760 - strongly silicified zone el 730'
trending 100°
- appears to dip ≈ 80°N
Zone extends to top of exposure
el 760' - strong qtz veining

Traversed NW to top of Rusty W. Slide
Skarn about 1000' NW E 680'

77C 761 - pyritic schisty Karm
- silicif. variable weak to moderate
- strong in small areas only.
- little vein qtz
- minor rusty W. carb. vlts

762 - EL 615 - base of slide scar
- highly sheared - partly rusty w.
graphitic argillite.
Shearing ≈ 128°
Must be narrow interbedded sed

Real Karm - limy arg contact EL 360
About Trend 130°
- Grey pyritic dykes in area of
contact
Karm is not strongly altered.

77C 763 - Karm

77C 764 - Limy Argillite + dykes
Bedding 120° 85SW

765 - More pyritic lt/sic argillite - bedded sulfide.
El 260

Hit C715 - El 95' - Top of Massive Grey Lst
which is in ck 100' SE of Slide ck
near base of slope.

C766 - re-sample C475 - 500' W of post
on way back to camp - S. Side Valley
Pyritic Karm grnst some qtz vlts - moderate
silicifi'n - R681 is 50' further W

~~C767 - R683 rock above~~ Not Taken
(980 - 4642) →

Mums Birthday 29th

Gift S. Lop - Key for Blue Church
Mrs. Bennett.

Oct 24 By Boat - Returned to Q.C.C.
- Overnight Sea Raven
25 Shipped samples - Picked up
Camper 6:00 pm
26 Organized Camper - supplies,
- Drove to King - Trees on
Road.
27 - KING.

Oct 27

King Ck King #1 - 36458 at A

Rk# C767

SILT C621 Measured True

El. Ck. 635 - 765 635

El Copper 1000 235

235' 870

Ck. Elev 655'

Post 1W 690'

77C767 - El 775' - creek - just N of claim line - Barometer Rising Fast

- oc's hfs greenish grey arg - minor fract py - 50% leached - Possible Haida?

- cut by dk grey dyke with diss py (not sampled)

Ck. Crosses line flowing NE to 767 - El 920'

Cgl. oc, base 1075

Post 2W 1110

77C768 - El 1110 1st ck S of post

cgl - hfs with dis py - zones 285°

qtz + carb vlts - shearing

- elev 720' ck above - Now 945

Above sample stronger alt. py than average in area - most hfs - sil? - <1% py

77C769 - El 940 - slightly hfs grey arg.

Some diss py but bad light to est amt. - Not limy but beds below are with calcite py vlts

Junction C ~~770~~ 771 ck and main below el 650

should be 730

Barometer set 730'

77C770 - hornfelsic - strongly pyritic arg - sst - not limy - up to 5% py fract and diss El ~ 740 main ck.

771 - El 840 - 860 - Rusty w cgl with interbedded arg and sst

bedding 165 - 25 W

carbonate filled fracts 070 - 80 S

matrix & sst <1% py sampled

772 - cgl - matrix more strongly silicif than below - more py

El 1050

773 El 1250 - Rusty w. sst & pebbly sst beds in cgl - Low py - not strongly silicif.

774 - El 1260 - Top of Nort small ck to N - Northerly Fork

Cgl with rusty w. sst - pebble beds - argillite beds

090 : 15 S

775 - Lowest oc's above drainage - strong silicif & py El 840

77C621 - El 780' - base slope soil 100' N of above ck. - red brn soil

622 + 200 - just across ck brn soil

623 + 300 - just across next ck S yell brn soil

624 + 200 - brown - yel tabs soil

625 - wet yel brn clay soil + 300

+50' Crossed 1st trib ck

626 + 200 - rusty red brn soil N bank main ck + 200 from 625

+30 Ft - Contact Limy argillites - cgl

El 750 fault may trend ~ 045 and be itself offset on 100° struct.

Contact is gummy and pyritic

77C776 - limy argillites

777 - gummy contact zone

778 - Pyritic congl. to west.

Back to C621 - working N to claim line

C627 + 200 wet yel brn clay soil

C628 + 200 " brn soil

C629 + 325 claim line - wet brn soil

El 750

Elev Post 1W - 695'

Elev Aalom Ck. - Kinlb -

El Legal 620'

King Friday Oct 28/77

EL CAMPOR 870 - SST
LEGAL 655
ANOM. KING JUNCT 635

77C779 Tig Kenga cut by narrow grey dyke in the contact bleaching - py - Bedded py 135 i 90

77C630 W bank +200 - wet soil - red brn
631 E bank - seepage clay soil

C780 Rusty W grey dyke. diss py. Fract
py - cb - calcite amyg's +310 up cb

C632 - yel brn soil +450 - W side } Intr. bedrock
633 - brn " +500 E side } scattered oc
634 - wet red brn seepage clay +650 E side
C781 - interbedded limy arg and sst - not much visible sulfide.
635 Yel brn clay soil +800 - W side
636 Silt - small ck +800 E side

C782 - +1000 - major trib from W - alt - bleached grey intr - py diss - fract ? (leached)

C637 +1000 - SILT - E side - small ck
C638 +1000 soil W side - brown sandy
EL 635
TRAVERSING UP TRIB CK.
+225' - Hit C325 silt
77C783 - Rusty W grey int - py - cont oc to 225
+450 - Narrow neck to Anan Ck
+500 waterfalls - cont. oc grey int. to that pt

C784 - +600 - dead looking gran - grey sst - Haida?
C785 +825 - interbedded non-limy - and limy arg
- minor py assoc carbonate ults
- mostly not limy
Hsil + py near grey dyke contact ≈ 920

Hit Sample C770 + 1300'

C639 - silt, small ck from S +1500

C640 silt laya ck from S +1700 - Shown on map

C786 - Dead looking SSt - Sh Kaiser?
130: 65 SW - also +1700

+1860 - Hit C777 & fault contact with the gl
Topkil Sect O

Kaiser? Bounding fault strike ≈105°
Cong. could possibly be unconformable on 1st
Basal? cgl contains dk. 1st pebbles

C641 - N side - rusty soil +250 - oc rusty w. cgl
C642 S. side - " " " "
+375 - Major Hit & entire flow W also 785'
C643 +500 - rusty soil from S - breath
rusty cgl oc's above
6644 +650 - rusty soil from N
C787 +600 - rusty w ck. + py veined
cgl - some hard silicif. - 1st bouldery
C645 +700 - soil from S
C646 +800 " " N - silic. float with
Heavy py
N 950 - silicif. & fract py here in oc
C647 +900 soil from S
C788 +900 - mod to strong silicif cgl - strong
fract py with ck. vn
C648 +1000 - bed'd ck - soil S side - El 960'

Sat - Oct 29

Rain Today 1/10 from end of rd 500' N
On claim line
7765-9 - wet bln clay soil El 760'
Running line 2500
656 +100N wet brn clay good S expo
657 +300 - " " "
658 +300 - wet grey till?? clay
660 +390 - SILT - med ck
657 +400 - moist mixed grey & brn till?
661 +500 - wet brn, sandy clay - gentle slope
662 +600 - " " "
663 +700 - wet ugly, dk brn-grey clay -
689 +800 - " " grey till
665 +900 - " " " "
666 +1000 " " dk brn grey clay - swampy
667 +1100 " - brown till
~~668 +1200 - mixed grey and brown till~~
669 +1300 " " " " "
670 +1400 - ugly grey till
671 +1500 - ugly grey wet sandy clay
672 +1600 mixed brn and grey sandy clay
673 +1700 - moist. ugly grey till
674 +1825 " " " " - ON CLAIM LINE
675 +1925 SILT - small ck. cell organic
676 +2010 - moist ugly grey clay
677 +2100 wet ugly grey clay
678 +2235 " " " "
679 +2425 - ugly, moist brn grey clay
680 +2635 - " " grey clay
681 +2825 SILT - small ck.
ANOM CK. - +3000 - Elev. 670'
TRAVERSED TO CK W of C639 - Cong till
C793 - El - 810 - lowest cong oc - mod silicif and
py

+6515 back to silt C685
799 - 1/m syenite cut by 3-4 small dykes
(Could not sampled)
C688 +780 S - base slope soil E side
many dykes since 400 S
C799 - Kunga limy arg + shell fragments - not
much py
+1025 - Dave Arscott's last sample of heavy
py 1st
+1170 - end of soil line run this morning
C800 +1200S - Blk 1st - some minor pyrite
beds
C801 - +1460 S - 1st (blk) ck contact with
intrusive (upstream) similar to
Grey dykes
+1625 - Trail to Camp - still in intrusive
Contact ≈1700S
C802 +1730 E Blk 1st - some heavy bedded
Py + pyrite
C689 - SILT - small ck E Side +1950
C690 SILT - small ck W Side + 1950
C803 - Sheared - alt - bleached zone in
+2080S limy arg - rusty w light coloured ck's
may be grey dykes?
Prob 50% + leached
C691 - base slope seepage silt - E side
+2360
C804 - Flaggy black 1st - too dark to check sulfide
+2400

strong 105° - gong fault zone 77C 790 to 77C 789 - 07 1000' - Fractured rocks
w/ trends up ck - not a cause of bend in ck
EZ6V 1410' - ck enters Fan S
BARM 23 507 to 1175
77C790 - el 1175 - mod - strong silicif and Rock py in cgl.
EZ6V 1300 - FORK in ck
C649 - Fork From S
C650 Main Ck.
- still lots of rusty w. float
S.lt
C651 - s.l. - S Fork of Head myr
drainage N - 87 1225
Junction 1200 - rhs are est - cgl with dk py - no strong Rust py or silicif as in last ck
C652 - SLT - N Fork (Main Ck)
C791 - 50' upstream
silicif cgl = ch + py ults - vertical of silicif unknown
EZ5V of Point 2nd IS - 1125'
77C792 - Elev 1000 - just above ck
Cgl
C653 - N Side } Brown talus Scrile
C654 S. Side } el 925 just above
ck. junction

C682 - soil + S. bank + talus + rock bed
silicif + py
C794 - Float Rusty W - grys - carb - py ults from
Exposed pee silicif cgl float
C693 rusty soil - 87 910' - N side - lots
like hemy py in some float - rhs
soil silicified - carb + py ults in float
Grey dyke with dis py carb cgl
B, 925' much less silicif
C795 87 950 grey - rusty w - 95% leached
rhs - prob assy high py
C796 87 1000 less silicif & min cgl
- Carbonate veining
C684 - rusty talus soil
C685 - small ck from west - draining low hill Seq C639
- 11 -
Down To C792 ck. Junct. Arrow Ck
- working up Arum Ck
Est. inclusive contact 90's - passing into limy arg
C686 - +200S. basal slope soil & side Ck
687 +275S " " soil W " "
C797 +300S - Kunga lst & arg - not much visible py. Bedding 110:85 N
Neck to other Ck at 400'



Sunday Oct 30
Soil Line below yesterday - 250'
77C692 - brn grey clay - wet +450 N
Post is 475N
693 +100W - moist brn-grey soil clay
694 +200W - wet grey brn clay
695 +300W - wet grey brn clay mott - small gully
696 +400W - moist grey brn clay
697 +500W - moist " " "
698 +600W - " " " "
699 +700W " " " "
C900 +800W - good red brn clay soil
901 +900W grey brn clay
902 +1000W - yel brn clay mott - swampy area
903 +1100W - wet grey brn clay
904 +1200W - wet dk brn clay
(905) +1300W - wet ugly grey clay
906 +1400W - " " " "
(907) +1500W - " " grey brn clay - beside small ck
908 +1600W - mixed brn & blue grey till
909 +1700W - wet grey brn clay
910 +1800W - brn grey clay - flat Cutting Lake
911 +1900W - grey brn clay - beside small ck
912 +2000W - wet brn clay
913 +2100W - wet brn grey clay
(914) +2200W - wet grey clay
915 +2300W - wet grey brn clay
916 +2400W - " " " "
(917) +2500W - wet grey clay soil
CROSSED CK 2550
918 +2600W - grey brn clay

27

920 +2700 W - ugly grey clay
920 +2450 W - grey brn clay
921 +2100 W - ugly grey clay
922 +3000 W - ugly grey brn clay
923 +3100 W - " " " "
924 +3200 W - " " " "
925 +3350 W - base slope Anom Ck
- half way between C797 - C798 - about N.L.
BACK TO 2550 Ck.
926 - SILT - west fork
927 - SILT - East Fork - (Main Ck.)
Traversing down ck
928 +775' N.S. - small ck from S. right
929 +950 N.S. - SILT - highly organic - from S (seepage)
930 +1050 N.S. " " " " " "
+1135 - N. S. Claim Line
+1440 E & W " "
931 +1940 - highly organic seepage silt
932 +1800 - good small ck from S
933 +2300 - Main Ck - much Kuroko & Dyke float
- about 100' upstream from original
Sample on Knight Ck
Recon Sur. Line along Knight Ck to Junction Anom Ck
C934 - to 225 W - wet red brn sandy clay
935 - seepage silt +525 W - highly organic
+750 - Trib on North side Knight
936 +825 W - wet brn seepage soil
+1250 - Mod. rusty on N.
- OC to first Muck - Kuroko? Grey sst
+1550 cliffs of Kuroko with py. grey dykes
+2000 - BK BOULD RDG Ck py. grey dykes
937 - Seepage ck +1650
938 - Soil base slope +2250
Anom Ck +2425

MONDAY - OCT 31/77

Rock Sampling - Anom Ck & TRIBS - UPSTREAM
FROM C800
C958 - SILT - small ck from East - ocs and
Pyrite bedded Kuroko cut by dyke - hydrocarbon
In amyg +125 S
+165 - Arscott Sample - "dyke" - alt? cutting Kuroko
+400 C79 CK from west
C805 +370 S - Alt Kuroko at contact with
rusty w dyke - diss py
+500 - C78 silt
+550 - Arscott Sample - dyke
+600 - highly sheared Kuroko
+650 - 700 - intrusive
+800 - SILT C75 from East
C959 - Re - SILT - C75
WORKING UP C75 CK
C806 - rusty w. felsite dyke? - fine diss py
+1195 - Claim Line E & W
C807 +225 - small gossan - partly leached
partly rusty w. Kuroko
+250 - 300 - Dyke
C808 +550 - Leached crumbly grey gossan
under overhanging bank
- Not positive Outcrop
- Creek flattens - swampy above 650'
CONTINUING UP ANOM CK.
+190 from C75 - CLAIM LINE
+100 - 200 - Intrusive

C964 +2[illegible] down - wet grey silt
C965 - +300' - wet mixed grey-brn clay base slope
C966 +400 " brn swamp
967 +500 - base slope
- cut back on claim line
968 +200 - base slope - mixed brn-grey clay
969 +800 - yel brn clay soil - seepage
- may be mineralized
970 +900 - mixed grey-brn clay - wet
(900 - 1200) SWAMP
+1250 - INTERMED CLAIM POST)
C971 +1300 - wet mixed grey & brn clay
972 +1400 - brn clay - wet
973 +1500 - brn clay - wet
+1600 - hit sample R776
TRAVERSE UP TRAIL CK.
C813 - Kuroko long arg - slightly rusty w
+550 up from Anom Ck
+1020 - Dyke with fine pyrite
+1260 Claim Line - no more OC

27
24
51

Rocks 813 767

Soils 973 900 73 | 699 621 78

856 693 163

46+1 = 47

74 74 153 47 200 | 349 164 185

TRAVERSED TO KING #1 POST, IWC
SOIL LINE 190°
77C939 +100 S – UGLY BLUE GREY TILL
200 – 500 – SWAMPY – UNABLE TO PENT. ORGS
940 +500 S – wet brn clay
941 +725 S " " "
942 +1000 S " " "
943 +1200 – red brn base slope soil opposit
Sample # ~~C969~~ 785 in trib
to Arrow Ck – +1200 S

BASE OF SLOPE SOILS END of C639

944 +200 E – wet brn clay
945 +400 E – " " "
946 +600 E – " mixed grey & brn clay till
947 +800 E " brn clay
TRAVERSE UP C640 CK
– OCs dead shale for 300'
77C948 +400 – red brn clay soil – base slope.
949 +600 – red brn clay soil " "
950 +800 " " " " " "
951 +875 – SILT – small but good ck – red silt
952 +1100 – red brn wet clay " "
953 +1300 – moist red brn clay " "
+1550 – BIG TRIB – ARSCOTT TRAVERSE
954 +1600 – yel brn clay " "
955 +1800 – red brn clay – wet " "
956 +1900 – small but good ck – red silt
957 +2100 – wet red brn clay soil – base slope
+2154 – hit claim line ≈ 200' above arrow ck

19

C809 – Soft – grey shale – rusty W
+325 S – looks real dead, but contains very fine gr. pyrite
– OC continues to 425 on East
C960 – +510 – Ck from West – perhaps missed in original silt – good red silt
C810 +625 – Soft – Rusty grey arg at contact with dyke (py)
+730' Arscott sample pyritic dyke ss sst
C961 +730 – small silt from W – red
C962 +810 – CREEK FROM E – missed previously? No flags
+950' silt C73 from West
R822 – at cgl contact – 30' up ck – very pyritic – hard
but grey sh in ck soft
+1270 – C71 ck
+1500 – swamps – no more vis
WALKING E UP C71 ck.
+300 E
77C811 – small a. rusty w. grey sh
+300 E – soft – carbonate vlts?
812 + 500 E – Nfsic – grey sh? blk – some py – carbonate vlts
Hit R774 +100' – R773 – 100 more above.

WALKED TO END GRIDS LINE
CHANGED E 700' – hit claim line
77C963 – wet mixed brn – blue grey till
swampy

Large Ck at 24,135 W - Line 88N
- QFP ± py in float.
Med Ck 256 W
Med Ck 26,765 W - minor rusty float
Med Ck 27,425 - looks dead
Tied into Goods Line at 277 W
His Co-ords - not indicated
but ≈ 500' above ck.
cd no post - must be above

Sol 3	Sept 7/77	11.00 Am	14783
4	"	7.00 Pm	84
Riley 1	"	"	85
2			86
Sol 1, 2		9.00 Am	81
		10.00 Am	82

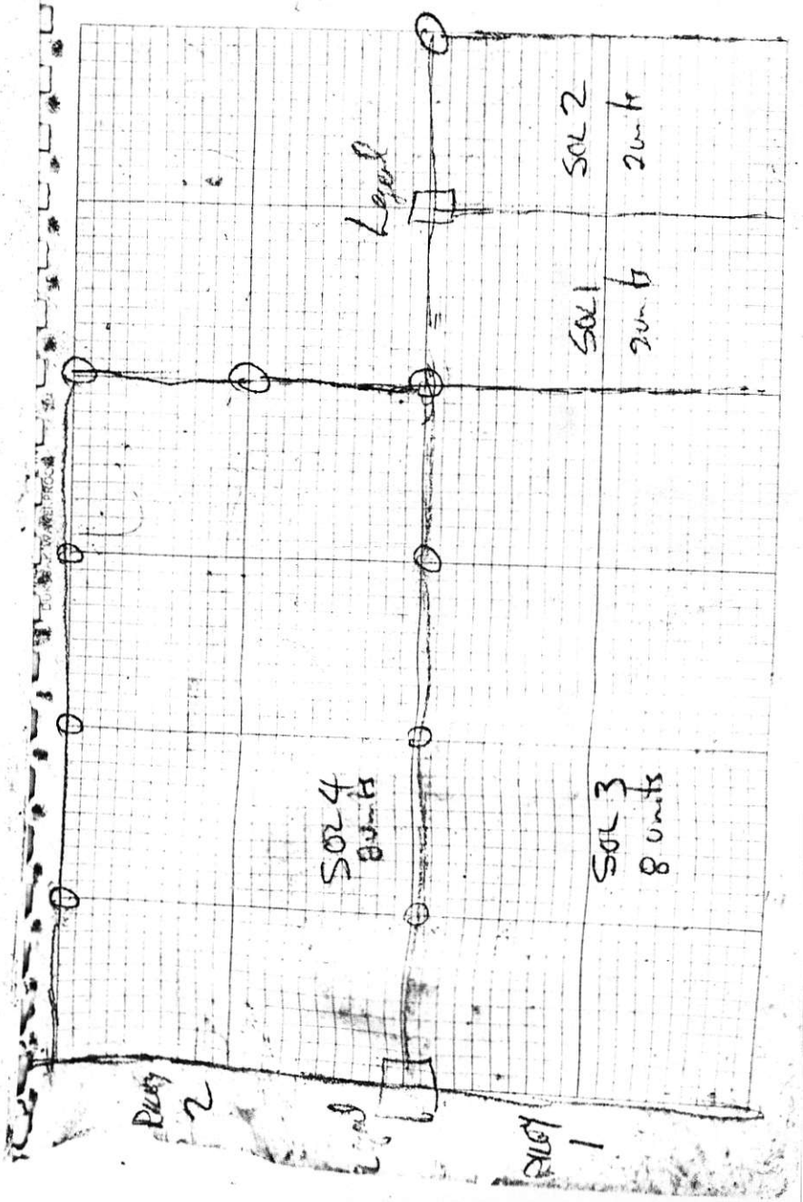
—//—

≈ 21,100 W - 55N - found loose tag
1964 - Sol 25 FP - couldn't
find post

Ran 21,600 W - N from 56N at
post

at 70N - 216W - rusty w pyroclastics
- minor py
- looks like zone of all ; min
Main Ck at 72.5 just past
post
- conglomerate - some rusty w. at 78N
- Then dead sst with pelecypods
to 88

88N - 238 W - qtz ∅ cuts yk sst - sh?
- leached - py forms



Meadows Ck – Base Slopes Soils 16 Jul 3/77

Starting at 66P's – Riley – Soil claims lines and running E

77C 974 – claim line – S – good red brn talus soil
975 " " – N – wet brn sandy soil

+210 – Med Ck S
+225 – Med Ck N

77C 976 – +200E – S brn sandy talus soil
977 +300E – N – sandy wet brn talus soil
978 +425E N – " " " " clay " soil
979 +625E N – sandy " red brn " clay " soil
980 +625E S – " " " " talus "
981 +800E – N " " " " " "
982 +800E S – " " " " " "
983 +1000E – S – wet yel brn sandy clay
984 +1000E – N – " red brn " talus soil
985 +1200E – N wet yel brn " clay
986 +1200E – S moist yel brn talus clay
987 +1400E – S – wet red brn sandy talus soil
– large Ck opposite on N
988 +1600E – S – wet red brn sandy talus soil
989 +1600E – N – wet red brn clay
990 +1800E – N – moist red brn sandy clay
991 +1800E S – rich yel brn soil
992 +2000E N – dry red brn sandy talus soil
– some yel brn
993 +2000E S – wet red-yel brn soil
994 +2200E – S – wet yel brn sandy talus soil
995 +2250E – N – wet red brn talus soil
996 +2450E N – " " " sandy soil
997 +2450E – S – good wet yel brn sandy soil
998 +2700E N – sandy wet red brn talus soil

Ck 5E
1016 – 45 Moe wet yel brn soil
1017 – 22 – wet yel brn soil
CC 1.5E – Lt < color in Sloat
C1018 + 08 – choc brn gravel
– clay line
– merged with Cody Ln
BW 1300

Samples – 10/18
974
44 – 1 = 45 Samples
1814
13
877
857
8
23
Town – 71 Upper Hollis
88 GR

1/04 4th Fri Logan Abrams Falcon-Ck

C393 – 94 – 95 Anomaly

C395 Ck
Lowest oc E side – pure carb alt tuff?
– rusty w. deeply leached – most of the color may come from carbonate. Struck
pass 130 – 160° – width ≈40
El 390' – 77C817 – Vk chip
– give way to west color in
grey – a dark – on west slightly
upstream
8' wide gossy fault

Hubbard
CB BH

C820 – rusty w bleached oc' – disc py
87–675' ck velts – Trend of struct – 065°
+865' about 100' above dead oc's in ck
below
C1024 – wet marshy clay soil – yel brn
+930' – heavy angular float with layered
texture rusty w – Leached
CC 700
+990 – oc dk matrix f.p. dyke – pink w
– may be above to rusty a. float in ck
Red andesite by +1045 87 775 – still
float of rusty w intr's Ram above
Cat E. to Meadow Ck
Coarse leaching sinter ck at 300 pan
set the pit larger at 600' have
dropped to 87 650 to avoid mobile
scars.
OC is Vk rusty with patchy color
and local bleach
C1022 – silt composite of 2 cks
join ext 87 650
C821 – strange alt zone below (immediately
trends 130° – leached – soft gossy
C822 – +60 – (20' below C821)
– harder – silicified rks with clear sulfs
exposure ends +70'
C1023 – wet yel brn soil – W side ck
+150' – El 580'

999+2780E – S – sand wet red brn sandy talus soil
+2800 – BT 980' – traved up hill to S
505' to line 9S el 1220
520' to line 8S el 1495

Crossed Ck C&S – 28E – much rusty w Plant
77C1000 – silt – abun – composite 2 types
1001 – 28S – soil – wet yel brn sandy
1002 – 30S – sand moist yel brn clay
1003 – 31S – rusty yel brn mixed with
recent fine OP – leached rusty w
oc exposed – No Hanger
1004 33S – ugly grey brn till of igneous
Ck. 1005 26.5E – good yel brn soil
UP Ck, 25.5E – rusty oc
1006 23.7E – Hip ox – rusty oc – wet
yel brn talus mucky soil
1007 22.0E – good red brn talus soil
ON Ck 20.25E
SM CK 1008 20E – good yel brn soil
– not much color in oc's for
last 150'
1009 18E – moist yel brn soil
SM CK 17.5E – weak color in oc
1010 16E – weak yel brn soil – oc's show
local zones of alt – small
LARGE CK 15.5
LARGE CK 1011 – 14E – patchy zones of alt
LARGE CK 1012 12.5E " " " " – weak
1013 10E – good yel brn soil
1014 8E – weak yel brn col soil
SM CK 6E
1015 6E – " " " clay talus

+140' – BT 410'
C818 – straight alt & iron fault zone striking 115°
steep W dip
– Rk is serpy alt – 95% leached
– contained sulfide vlts parallel to
struct
– May separate the alt rhy from Hbl andesite
appears to be offset on later 040° fault
Waterfalls in ck above – Andesite
with local small black zones – ck wlg
Just E of fault – more bleached oc's
bur with dip py – Rusty w.
Alt Zone pass into C817 at
could be 100' wide
Detoured to top waterfalls section
+350' – BT 550 – still lots of alt
Float in Ck – silt & sand rusty
C1019 – soil – yel brn talus – subcrop
– above road, on gossan oc's under overhang
bank – E side – could be 100' of
alt rk in float section ck – not exposed
C819 – 10' chip – gossan – ab veined & alt rhs
+960' 100% leached – hill steepens above
BT 475' and rhs appear less alt
– above – weak color and ab veins in Yk
Porph And
to 715' BT 650
C1020 – BT 650 – rusty w. float appears to
silt be alt dacite – may have been flaky well
mineralized

OC's +150 – +180 E side patchy alt and
weak color in weakly alt gran and Yk
– Switch small oc +235 W side
C1024 – base slope – yel brn soil
+350' W side
C1025 – E side
+500 Hoodoos Ck BT 425'
C1026 – silt – ck. just transition
– Ply C393+ below log – sm ck,
C1029 – +200 up Needle Ck – N. side
wet yel brn base slope soil
C1028 – silt – small ck +325
– massive oc's on S side opposite
C1027 – silt – small ck +408
Needle Ck bifns to canyon oc's
dead green andesite
C1030 – Massy silt – small spring ck +
+625
C1031 – silt – large ck +900
1032 – +1075 – brn clay talus soil – 30% rusty
W Float
1033 – +1300 – silt – small ck.
+1400 – Slide below Switchback on S side

60K	16	Samples – Hoodoo
58	21	Samples – Riley

Total Run 37 + 71/108 . 108 (Turn To Data)

Rk Sampling Needles Ck Sat Nov 5

Chaining in on Ridge

Hit Legal Corner AMT #34442

0S - 3W

1930' E of RILEY - Sec Lease

C823 at C1003 - recent tip-up

- Rusty w/ felds ϕ - 90% leached

- looks like orig ≈5% dis sulf - No qtz ults or silicif. apparent

C824 - 75' W on Line 8 - small oc - definitely silicified - minor qtz ults - fract min. obvious but leached

- sample 90% leached

C825 - 100 N of L8S-28E - small bleached oc w/ of ck - bleached - 2% dis py fracts leached - Average 50% leached

+150 down ck - gingy rusty

+175-200 - weak color in And

+300 - Ck junction - sample C1000 - weak color in shattered and N of Ck extends to 400 - tuff??

77C826 +430 - strong perv clay alt of tuff?? - minor fract sulf but not much diss

Hit line 4S-27E at 560'

- junction with ck fm w/ prob my 26.5 ±25.5

Dead And ϕ 235-250

- still lots rusty float in ck

+280 - small oc - again perv alt

No oc to 400

then strongly alt rks above

C829 ≈ 450'

- strong alt cont 400 - 530'

at 8S - 25.5E

- sulf. ults + diss sulf.

- late cb ults

C830 - similar strongly alt rk on line 8S at C1006

- oc above and below

Weak patchy color in and along line from 21E to 20.5 E ck in ck above and below ck - No strong alt in ck float at line 8S

Down 20.5 ck

0-50 N - dead rks

+90 N - small of rusty w. and w bub.

+175 N - deeply leached but perv alt rks

C831 +265 - perv chl - 50% leached intr? - low dis sulf. - And ϕ

+295 - Dead and ϕ - continuous oc to +380 - Dead

400-500 - Dead Line 4S 500 at R866

Contoured across to ck at 12E

Down 12E

- where line crosses 14E - top chl alt zone - patchy sulfides increasing local perv. bleaching

CK 12E - Line 8S is approx at top of perv alt zone

- sulfides have increased

C834 - +80N - 50% leached - contains zones of very heavy sulfide

oc ends 110'

Hit 4S-1110E at 235'

- Rusty talus both sides - prob oc to 8

C835 +289 - next oc - silicif - high sulfide bx - 30" chip - 8' oc

est 25% leached

836 - Silicif rks at fault contact with grungy gry rks. +330

- No oc below but float off sides indicates at least 100 ft more in width

C836
C823
13 x 1 14 UPPER NEEDLES

Rusty alt extends to Ln. 4 and beyond on down ck – intensity is slightly variable
Continues N in ck
77C827 – 100' N of Ln. 4S in ck
Cont. exp of same alt
Contact appears to be roughly parallel to ck 180° as dk green andesite is exp. on E bank ck striking ~180°
– but then more weak color alter.
Zone still going at +250 W
– contoured out of ck on dear trail
Rusty oc +105 W
And ϕ – weak patchy color +215
dead and to 300 W
Next ck +400 W – Dead And not sampled
– climbed up to avoid waterfall
Turning S.
Dead And to 125'
Slightly Rusty W 150'
Hit Ln 4S +250 at R864
Alt is perv by +200 – small oc
just W of Ln – No silicif. or qtz

UP FROM R864
+165 Perv alt rusty WϕS 1–3% fine diss sulf
by +200 alt is weakening
C828 – +165 – Ag 25% leaching

Down Run R866
0–25 – Dead And
115–150 " "
175–250 " "

Continuing around to next ck W
Hit Ck at 475' W
Started up
0–160 Dead And – local patchy weak alt
at 160 Hit 4S 15.25E
Up from there
0–45 – weak alt & color
35 – small 105° 85 N – 1' gouge zone
45–100 – perv. clay – ck alt zone
cut by felsite dyke – weak py
141–180
C832 – 170' – rusty w. felsite – dyke ??
cut by ck vein – barite diss
– py to be dyke cutting perv
Chl. andesite – soft – small
low pyrite

C833 +300 – gouge perv chl ck with weak patchy color.
Hit 8S 15.5E at +360
Contact of chl alt zone ~ 5' at ck 17.5E – say 50' higher in elev.

Nov –
COURTS SOIL GRID – ~~Oct~~ 6/73
Line ON – 200' S of Mickle's mark
NW'ly pit – just over brow of hill
ON BL – 7x 1037 – wet – dark brown soil
1W 1.67 – Hit 1038 old " 6W 4N " "
2W 1039 – good yel. brn soil
3W 1040 – wet grey brn silt?
3.4W 1041 – Silt small ck
– also on Umex – ANT trail water line??
4W – wet – yel brn sandy soil C1042
4W C837 – rusty w – blackish dike
Intr?? up to 5% py but
~50% leached – strong fract and
clrs py – local silicif
5W – C1043 – good wet yel brn soil
6W C1044 " " " " clay soil
– consid rusty w. float but –
seems less alt to W – perv till
6.75W – Silt – small ck – lots of rusty float – No qtz – C1034
8W – 1035 – pale light brn clay soil
9W 1036 " grey " silty clay soil
10W – 1045 – wet grey brn silt

SAMPLES — UPPER MOD. RILEY — COVER 8

Nov 3
JSC } 71
GBR }

Nov 4
JSC — 21
GBR — 16

Nov 5
JSC 14
GBR 22

Nov 6
JSC 29
GBR 24
53

Nov 7
JSC 48
GBR 69
56

8
61
18
5
2
81

TOTAL 123

BUDGET 120 80 75

941 / 418 / 123 — 1105 / 1054 / 4441 — 45 / 3 / 48

LINE 2 — East Pan C387 alng Riley

C1075 +1000 — wet dk brn sandy clay
C1076 +3000 — " brn sandy clay
C1077 +5000 — moist dk brn sandy clay
C1078 +750 — mixed wet brn & grey sand — at C836
1079 +1000 — wet brn and grey sandy clay
1080 +1200 — wet sandy soil " "
1081 +1400 " "
+1550 Large Rib C385
+1650 Small Rib C384
C1082 +1700 — mixed wet brn - dry chky sandy clay
C1083 +1900 — Opposite Camp N. Side — S
Chained up to Camp — N — 500'

Traverse — Lower Meadows — C394 Ck
BC1086 +900N — 8E 500 — 300
+1100 — dead grass — Needles Ck
+1632 — ditch at fence and on left — mine Pueblo
Contact rocky w — alt bx?? — Pueblo
+1700 — Pond N 110 — Just up exposed Bed rock
— strong s/w/ans/dip — Faulting?
C841 +1810 — top of OC in ck — bleached — low py — Chl. Basins alt rks
OC's extend 50 up hill to left
+1915 — 50 — more Rocky alt rks
+2000 — Slide deposit bottom of C894 Ck

C1090 +750 — wet brn clay and grey silt
C1091 +1000 — wet brn sandy clay mixed with organics
C1092 +1200 — mixed grey and brn sandy mud adj C380 — C379
Needles Ck
Chained 500' up Needles
C1093 — mixed grey brn sandy soil — ON MEADOWS OUTWASH FAN

TUNROD W
C1094 +350 — silt on Needles Outwash — wet mixed grey — brn sandy soil
C1095 — mixed grey & brn sandy soil — grey boulders — Needles Ck Outwash — Just before road, Hit Camp Rd 650'
Line runs down road
1096 +900 — mixed grey & brn sandy clay — Still grass Needles Fan
+1100 CAMP
C1097 +1300 — wet brn sandy mucky Prob Fresh off Needles Outwash
C1098 +1500 — wet brn sandy soil
C1099 +1700 " " " "
END RD 1825
C 1100 +1400 — wet grey brn sandy clay — some organics
C 1101 +2100 — wet mixed grey & brn sandy soil

Nov 7/77

Soil Lines - Riley Crossing

Line 1 Run W - S of Riley Ck Flat
200' S of Riley - Meadow surface

TTC 1057 - wet brn sandy soil
1060 +200W - wet brn sandy clay
1061 +425 W - wet light brn sandy clay
1062 +600 W moist brn sandy loam
1063 +825 W - moist light brn sandy soil
+950 - large fish flat SS
+100 " " " SW joins above before entering R.L.
1064 +1000 - wet brn sandy - organic mucky
OFF 300 LINE TO 1065 Riley
1065 +1000 - wet brn soil in bank between two above mentioned tributaries
1066 +1200 - moist brown sandy soil - about 20 C383 - directly opposite camp
1067 +1480 - wet brn sandy clay
1068 +1600 - wet " " "
1069 +1800W - good base slope soil - yellow
1070 +1800W - good par slope seepage creeklet
1071 +2090 - wet brown sandy clay soil - steep bank above
1072 +2210 - wet brown sandy loam slope soil
1073 +2490 - " " " "
1074 +2700 - wet grey brn clay soil - no more slope
Crossed Riley Ck +3100 W
Sample C387 +3150

85' up C934 Ck on left
C842 - strongly disturbed with W. oc - strong sub-horiz stickenside on several planes - patchy carbonate - very basal silt of Sample est 95% leached
C1084 +125 - yel to red brn clay soil on left
+ 181 - hard felsic chty & crosses ck - still in alt zone
C1085 - +285 - yel brn clay soil from right - bottom 100' high windsock scar - contains coarse rusty rks
C843 +250 - 15' exp of very rusty Lv
Gossite Box - 100% leached
C1086 +475 - yel brn soil left
C1087 +475 " " " "
+490 - oc - felsite chty ?? water
float pg - to 525
40 pc above but some rusty Lv float in ck - Elev 620'

COAST LINE 5 Flat C1083
C1088 +250E - sandy mixed brn and grey sandy muck
C1089 +600E - wet brn sandy muck
+650 - Good small Ck - prob sampled Above

Line 2 Run W
8E - 1046 - good red brn soil
1W - 1047 - wet dk brn sandy clay
2W - 1048 - mixed red brn soil brn grey till
3W 1049 - dry red brn clay soil
4W - 1050 - wet red brn soil
3.8 - Umiak Line
5W 1051 - red brn clay above grey till
6W 1052 - wet red brn clay above till
7W 1053 - wet grey brn till
8W - 1054 - " " " till
9W 1055 - wet brn & red brn clay soil
10W - 1056 - wet red brn clay on till
TOP 1050 N
+60 - 038 - oc - variably pyritized pebble - to 2" - cut 50% leached, can see well - dark
+160 - hard silicified pyritic oc's in ck C839
C1057 - SILT - above ck
+225 - QAR's Line 50'S R928
C1058 - silt sand ck Crosses W +400W 6
C840 - Dead oc grey vales 4N-12W in creek
650 - Dead Duff oc's 8 like - 4SC-0CP United previous trip 6N-10W 8

C1058
C1034
24+1 25 Soils

COVERS
4 RKs
29 TOTAL

1 CH02 + 2300 - wet sandy muck
- too dark for color
CH03 + 2600 - flat - swampy land
- May not have purchased organics
- Too dark to see

R. D. HALL DUKSBAK WATERPROOF

